

REPORT

Environmental Protection Expenditure Accounts for Belgium : 1997- 2002

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December 2005



Federal Planning Bureau

Economic analyses and forecasts

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ACKNOWLEDGEMENTS

This report has benefited from funding by the European Commission, GD Environment and GD Eurostat, by means of the Grant Agreement nr. 200471401006 for the operation entitled "Statistics on environment accounts".

Apart from these project sponsors we also wish to thank all the people who provided the data necessary to construct the EPEA, more specifically R. Bormans of the Ministry of the Flemish Community, B. Kestemont of the National Statistical Institute, C. Modart of the National Bank of Belgium, S. Depret of the Federal Government Service for the Budget, and H. Spinnewijn, L. Avonds, and J. Wera of the Federal Planning Bureau. Further thanks are due to B. Donckers for his useful input during the editing process.

Finally, words of gratitude are also entitled to B. Hertveldt and the Direction Committee of the Federal Planning Bureau for proofreading the draft version of this report.

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Executive summary

The environmental protection expenditure accounts (EPEA) are a set of satellite accounts of the national accounts. The EPEA aim to describe all national transactions related to environmental protection, with the purpose of constructing a measure of the national environmental protection expenditure which can be related to for instance gross domestic product, in order to assess the importance of these activities as a share of total production. The EPEA show which economic sectors contribute to environmental protection expenditure, both from the producers' side, as from the users' and the financing side. The EPEA can further be used to analyse which environmental domain absorbs most resources in a country, because the accounts distinguish expenditure according to those different domains (e.g. water purification, protection from air pollution,...). This also allows the EPEA to be linked to physical satellite accounts, such as the NAMEA (national accounting matrix including environmental accounts), which measure the evolution of physical pollution, and assess whether environmental protection expenditure is used efficiently.

The present publication presents the Belgian environmental protection expenditure accounts for the period 1997-2002. It analyses the environmental protection services supplied by both the public administrations and the corporate sector.¹

Table A shows that environmental protection output has risen from year to year during the period considered. As a consequence, it exceeded its 1997 level by 85% in 2002. The share of the corporations increased from two thirds to three quarters of total output. Waste has been the environmental domain in which output has been highest, although its share fell back from 68% in 1997 to 64% in 2002. Water has been the second most important domain. Its importance increased considerably during the period under investigation. Its share rose from 16% in 1997 to 24% in 2002. The domain "other", consisting for a large part of administrative costs, accounted for 8% in 1997. Its share decreased to 6% in 2002. Only a relatively small part of production, namely 2-3%, was devoted to air protection.

Table A: Environmental protection output, investment and expenditure 1997-2002 (in millions of euros and %)

	1997	1998	1999	2000	2001	2002
Output	2800	3531	3854	4281	4987	5177
Share public administrations	34	29	27	27	27	26
Share corporations	66	71	73	73	73	74
Investment	947	984	942	1028	1374	1171
Share public administrations	17	27	29	30	20	23
Share corporations	83	73	71	70	80	77
Expenditure	3415	4063	4294	4744	5729	5662
Share public administrations	20	24	23	25	19	19
Share corporations	61	57	59	58	65	64
Share households	19	19	18	17	16	17

The evolution of investment was somewhat more erratic than for output, but the trend was nevertheless also positive. In 2002 environmental protection investment exceeded its 1997 level by almost a quarter. The share of the corporations decreased in the period 1997-2000. However, in 2001 and 2002 it rebounded to just below its 1997 level. Environmental protection investment was mainly focused on water protection. More than half of total investment was devoted to this domain. In 2002 water protection even absorbed 63% of total environmental protection investment. Waste was the second most important environmental domain. Its share rose from 23% to 30% in 2001, only to fall back to 20% in 2002. The share of investment devoted to air protection was 15% and 19% in 1997 and 1998 respectively. In the following years its share declined to around 10%.

In line with the increase in both output and investment, national expenditure for environmental protection increased substantially. In 2002 it was about two thirds higher than in 1997. This increase was mainly due to the corporations, the share of which reached 64% in 2002, while the shares of the public administrations and

¹ The non-profit institutions serving households are not included though.

the households declined slightly. National expenditure for environmental protection has risen from 3.4 billions of euros in 1997 to 5.7 billions of euros in 2002. In order to assess whether this increase implies that environmental costs have risen, we related it to the evolution of GDP. This measure indeed shows that environmental protection expenditure has become more important, as its share in GDP rose from 1.6% in 1997 to 2.2% in 2002.

When we consider the importance of environmental protection expenditure for households, the public administrations and the corporations separately, we notice that although corporations have been the main contributors to both environmental protection output and investment, the importance of environmental expenditure in total intermediate consumption and investment was clearly lower than for the public administrations. For the latter the share of environmental protection investment in total investment was 6.5% on average during the 1997-2002 period, while for the corporations this was only 1.6%. The share of environmental consumption as a share of total government consumption was 1.3% on average during that same period, while the share of environmental consumption in intermediate consumption for the corporations was only 0.7%. The share of environmental protection expenditure by the households in total household consumption was even lower, reaching only 0.6% on average between 1997 and 2002.

Transfers between the institutional sectors imply that the structure of financing of expenditure differs from the one for expenditure itself. Nevertheless, in each of the six years more than half of national expenditure for environmental protection was financed by the corporations. In the period 1997-1999 their share in financing was even higher than their share in expenditure, which implies that transfers were flowing from the corporations to the other institutional sectors. As from the year 2000 the opposite is true. Nevertheless, the share of the corporations in financing of national expenditure for environmental protection was still as high as 63% in 2002. The share in financing of the government rose from 12% in 1997 to 20% in 2000, after which it declined to 17% in 2002. In the period 1997-1999 the local governments were the most important contributors among the three levels of government, accounting for around half of total government financing. They were overtaken by the regional governments in 2000. The share of the regional governments in total government financing of environmental protection expenditure increased to two thirds in 2002. The share of the federal government was equal to 4-5% in the period 1997-2000, but thereafter its share dwindled to about half a percent of total government financing. The share of the households in the financing of total environmental protection expenditure declined from a quarter in 1997 to a fifth in 2002.

Introduction

The national accounts of the countries on our planet have been compiled for decades with the purpose of gaining insight in the structure and evolution of national welfare. Traditionally these national accounts have focused on the measurement of the value of all economic goods, in other words goods that can be traded on markets². More recently the idea that for development to be sustainable one has to take into account other dimensions of development as well, for instance the environment, has instigated the development of satellite accounts, closely linked to the core national accounts. An example of such satellite accounts are the Environmental Protection Expenditure Accounts (EPEA). These accounts aim to describe all national transactions related to environmental protection, with the purpose of constructing a measure of the national environmental protection expenditure which can be related to for instance gross domestic product, in order to assess the importance of these activities as a share of total production. The EPEA can further be used to analyse which environmental domain absorbs most resources in a country, because the accounts distinguish expenditure according to those different domains (e.g. water purification, protection from air pollution,...). This also allows the EPEA to be linked to physical satellite accounts such as the NAMEA (national accounting matrix including environmental accounts) measuring the evolution of physical pollution, and assess whether environmental protection expenditure is used efficiently. The EPEA register both the supply and the use of environmental protection services and goods, as well as the sources of financing of environmental protection.

The present publication presents the Belgian environmental protection expenditure accounts for the period 1997-2002. It analyzes the environmental protection services supplied by both the public administrations and the corporate sector.³ In comparison to the previous version of the Belgian EPEA⁴, the addition of the data from the environmental tax tables has introduced considerable changes to the transfer table, and thus the financing of environmental protection expenditure. Furthermore, the use of the 2000 supply table for Belgium, instead of the 1995 supply table, has led to the identification of more industries as secondary producers of environmental protection services.

The environmental protection services are allocated to seven different environmental domains, as defined by the CEPA⁵ 2000 functional classification for environmental protection. These domains are the CEPA classes one to seven⁶, except for class number five. Resources devoted to the latter are conjoined with classes eight and nine to form the category denominated "Other".

Part I of this report briefly reviews the main concepts of the EPEA and the institutional organisation of environmental policy in Belgium.

Part II describes the data collection process (sources, type and structure), as well as the actual methods used to transform the available data into the measure of environmental protection expenditure. It also presents the compilation of the different EPEA tables. Detailed tables can be found in the annexes.

Part III demonstrates in which way the data from the EPEA can be used in conjunction with other data sets. The relative importance of environmental protection expenditure with respect to aggregates such as total output and total household consumption is investigated.

² This includes the non-market goods.

³ The non-profit institutions serving households are not included though.

⁴ Lannoy, F. and G. Vandille (2002).

⁵ CEPA stands for Classification of Environmental Protection Activities.

⁶ See table 1 in section I.A. for more information on the CEPA classes.

I. Main concepts and organisation of environmental protection in Belgium

The purposes of the EPEA are to describe and analyse:

- the output of environmental protection services,
- the national expenditure for environmental protection,
- the financing of national expenditure for environmental protection.

The central concept on which the EPEA are founded is the National Expenditure for Environmental Protection. This aggregate gives the total of the economic resources that a nation uses for environmental protection.

Sections A to C define and briefly describe the definition and scope of environmental protection, the activities characteristic for this field and the actors or units according to their function(s) with respect to environmental protection. Section D describes the institutional organisation of environmental protection in Belgium.

A. Definition and scope of environmental protection

“Environmental protection groups together all actions and activities that are aimed at the prevention, reduction and elimination of pollution as well as any other degradation of environment” (Eurostat 1994, § 2006).

This definition of environmental protection implies that the end purpose (*causa finalis*) is the determinant factor in the process in which it is decided whether or not to include an activity in the category of environmental protection activities. This means for example that positive actions for the environment are excluded from the field of environmental protection if they serve other goals. The distinction between purpose and effect must be clearly made. Consequently, any new production equipment installed to increase productivity may have a positive effect on environment, but it does not constitute an environmental protection activity (called characteristic activity).

To determine which activities are environmental protection activities, a Classification of Environmental Protection Activities (CEPA) is proposed. This nomenclature of activities combines two criteria:

- the nature of the pollution or damage to the environment (air, water, soil, noise, etc.),
- the type of activity traced (prevention, reduction, measurement, research, etc.).

The level 1 structure of the CEPA 2000 are the CEPA classes, also called (environmental) domains (for a more detailed classification see annex 1).

Table 1 : CEPA 2000 classes

1	Protection of ambient air and climate
2	Wastewater management
3	Waste management
4	Protection and remediation of soil , groundwater and surface water
5	Noise and vibration abatement
6	Protection of biodiversity and landscapes
7	Protection against radiation
8	Research and development
9	Other environmental protection activities

As mentioned in the introduction we will further present data for classes one to four, as well as for classes six and seven. Classes five, eight and nine are put together into one single class (Other EP activities).

B. EP producers and production

Characteristic producers are producer units of the national economy which execute characteristic activities. They may undertake environmental protection activities as:

- a main activity: in that case they are specialized producers. Government specialized producers are distinguished from other specialized producers (mainly enterprises).
- a secondary activity, when they are non-specialized producers.
- an ancillary activity. These are non-specialized producers that undertake environmental protection activities in-house for own use in order to limit the negative effects of their main production activity on the environment.

By definition, characteristic activities produce characteristic services. Characteristic goods do not exist. The production of EP services is valued in accordance with national accounts conventions.

- Market output is valued at basic prices, i.e. "the price received by the producer from the purchaser less any tax on products plus any subsidy on products" (Eurostat 2002, p.20).
- "Non-market output is equal to EP services that are provided free, or at prices that are not economically significant, to other units and is valued by the total costs of production. By analogy ancillary output is also valued by the total costs of production" (Eurostat 2002, p.20).

C. Units and groups of units

Actors are identified according to their function(s) with respect to environmental protection. The following actors are distinguished (Eurostat 1994, § 2120).

The user and/or beneficiary units which:

- use specific products as final or intermediate consumption
- make investments in order to produce EP services
- make investments in specific products
- benefit from specific transfers for environmental protection.

The three main categories of users of EP services are the producers (intermediate consumption), the households (final consumption) and the government as a collective consumer of EP services (EP services produced by government and not sold).

The characteristic producer units which produce environmental protection services belong to the general government, to the non-profit institutions serving households (NPISHs) or to the corporations (called other institutional sectors).

The financing units, which finance environmental protection directly or indirectly, are also grouped according to the institutional sector they belong to.

D. Organization of environmental protection: the role of the government sector

Belgium is a federal state. So, the decision-making power is not exclusively in the hands of the Federal Government and Parliament. The management of the environmental protection falls to several partners, which as a general rule exercise their competencies independently.

The major part of environmental protection expenditures by the government are carried out by the regional administrations of Flanders, Wallonia and Brussels-Capital and the municipalities. The Flemish and Frenchspeaking Communities participate in the Belgian environmental protection expenditure by virtue of their financing of research and development at the universities and scientific institutes. The federal government and the provinces are responsible for only a small part of environmental protection expenditure.

1. The federal authority

The “regionalisation” of the Belgian state has reduced the environmental competencies of the federal government significantly. It nevertheless retained a number of competencies, to wit:

- definition of product norms and environmental labels
- environmental hygiene (biological safeguarding, toxicological aspects of chemical products)
- internal supervision of labour protection rules, risk control (chemical products, dangerous enterprises), protection against radiation
- application and control of the Washington convention (CITES)⁷
- crossborder waste transport
- environmental taxes (energy taxes, ecotaxes,...)
- energy policy (plan for electrical equipment, large infrastructure for hoarding, transporting and producing of energy, the nuclear fuel cycle)
- the federal report and federal plan for sustainable development
- research and development, information and sensibilisation, as well as monitoring in the above domains belonging to the competencies of the federal government, or for domains which are the subject of international agreements or surpass regional interests (protection of biodiversity, marine environment of the North Sea, protection of the Antarctic, climate change, sustainable development,...)⁸.

2. The regions

The competencies concerning environmental protection belonging to the regional competencies are the following:

- definition of general and sectoral environmental norms
- waste policy, except for cross border transport and nuclear waste
- supervision of dangerous, unhealthy and inconvenient establishments
- air quality

⁷ This convention concerns trade in species threatened by extinction.

⁸ These missions are primarily the responsibility of the Federal Government Service for Science Policy, of which depend the Royal Institute for the Natural Sciences and the management unit of the mathematical model for the North Sea.

- water policy (waste water purification, production and distribution of drinking water, water quality, sewage systems,...)
- protection and conservation of nature, forest management, and more generally, the exploitation of natural resources
- rational energy use and development of new and renewable energy sources
- disposition of the territory, urban policy, urban and rural renovation, renovation of neglected economic sites
- transport policy, construction and management of roads and waterways
- application of European environmental measures concerning agriculture
- scientific research in the context of the regional competencies

3. The communities

The Communities of the three language groups in Belgium are responsible for education. As such they are also responsible for the universities and the scientific institutions where research is performed with respect to the protection of the environment.

4. The local authorities

The municipal authorities have the following competencies in the field of environmental issues:

- hygiene in public municipal places
- organisation of waste management
- management of municipal green space
- maintenance of roads and waterways

When no regulation organised by a superior level of government exists, the municipal authorities can also issue regulations concerning air pollution, combustion sources, pollution of the sewers, canals, rivers, brooks, communal wells and fountains, noise prevention, littering,... They also intervene in the issuing and control of permits with respect to the exploitation of certain enterprises and the use of the territory. The municipal authorities can also take some other initiatives which could improve the environment, like for instance sensibilisation campaigns.

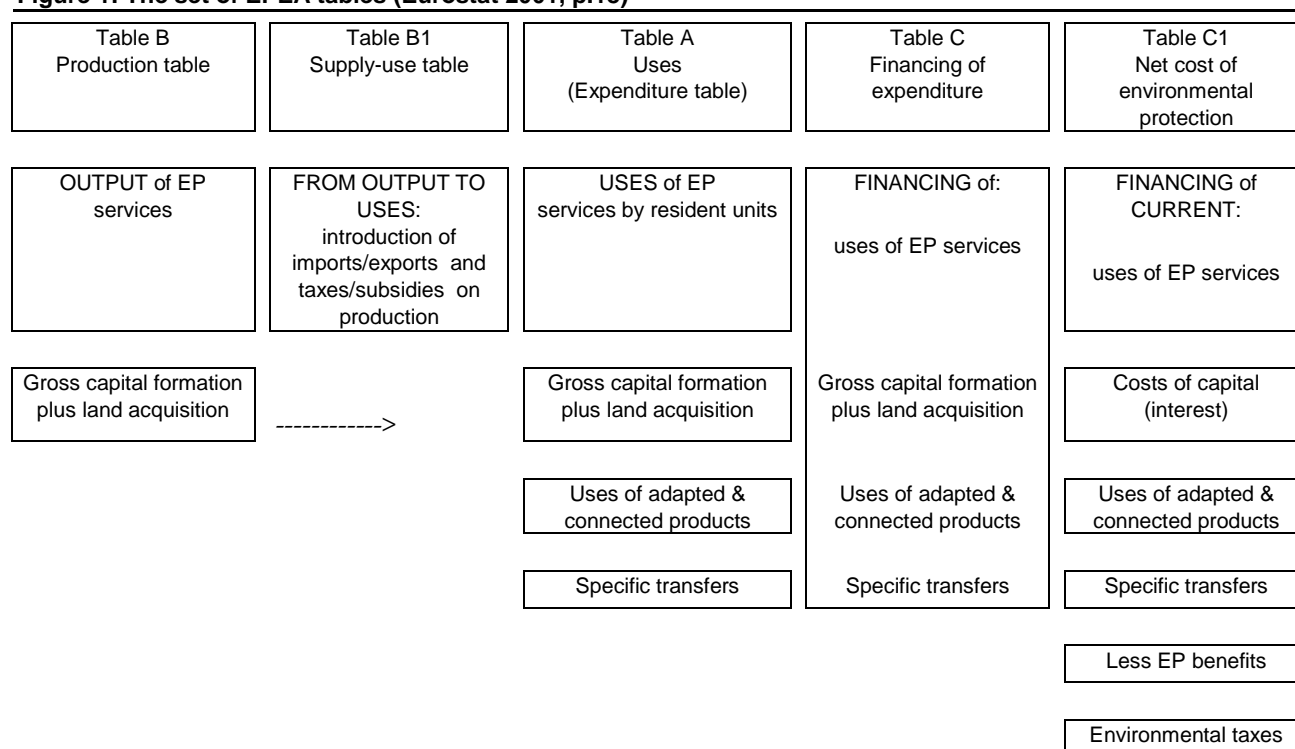
The provinces have environmental competencies with respect to procedures concerning the issuing of exploitation permits, as well as with respect to the maintenance of waterways which cannot be used for transport. They are also the institution of appeal with respect to decisions taken at the municipal level, and have an advisory function in certain matters.

II. Construction of the Belgian EPEA

This section describes the methods used to compile the Belgian EPEA. It also presents the tables resulting from this compilation. The EPEA include a set of five interrelated tables which describe:

- The output (production) of EP services, and the way they are produced (Table B)
- The EP expenditure, i.e. the expenditure for the uses (consumption) of EP services and of connected and adapted products, for the gross capital formation (investment) and some other transactions related with environmental protection (capital transactions and certain transfers) (Table A)
- A table integrating supply and uses of EP services (Table B1)
- The financing of EP expenditure (Table C)
- The net cost burden of environmental protection for the various units of the economy (Table C1)

Figure 1: The set of EPEA tables (Eurostat 2001, p.18)



The current Belgian EPEA include tables A, B, B1 and C. We start off with table B, the production table.

A. The production Table (Table B)

The upper part of Table B describes the production EP services by domestic producers. The latter concern both government and private producers. For the government we established separate production tables for each level of government. There is a table for the federal level, one for the regions (based on three separate regional tables), and one for the local authorities. Total production by the corporate sector is also achieved by taking the sum of three different tables. One table shows the production by the specialized producers, namely NACE 90. Another table presents secondary production of environmental protection services by sectors other than NACE 90. The final table for the corporations presents ancillary production.

Table B shows both the inputs to production and the output according to its nature (environmental or non-environmental). Non-environmental output is only presented for the corporations specialized in the supply of environmental services, NACE 90. It is useful to make this distinction here, because for this sector non-environmental output can be attributed to environmental domains, as the companies belonging to this sector are specialized in one of those environmental domains. It is also the only sector for which we have to estimate non-environmental output, instead of environmental output. For other sectors, private or public, it is obviously impossible to attribute non-environmental output to environmental domains. One could add total non-environmental output in the last column of table B, in order to obtain a direct estimate of the share of environmental output in total output. However, it is rather confusing to include non-environmental output in a table presenting the production of environmental protection services. A separate table seems more appropriate.

The lower part of Table B summarises supplementary information including gross capital formation and net acquisition of land, financing of transactions by producers, the stock of fixed assets and the labour inputs. The latter two variables are not available for all producers, however. They are therefore not filled out in the production table for Belgium.

1. The federal government

We used a two-step procedure to fill in Table B for the federal government. First we determined the total amounts for the current and capital transactions in EP services. Secondly, the total amounts were allocated to the different domains of the CEPA on the basis of the distribution of the expenditure (the budget) of the federal government by ministry and division, more specifically the distribution of the governmental programs devoted to environmental protection.

The total amounts of intermediate consumption, compensation of employees and gross fixed capital formation were delivered by the Federal Public Service for the Budget. It is based on an economic and functional cross-classification of all expenditure items of the federal government. The distribution of the amounts to the different environmental domains, was based on a detailed analysis of the federal budget.

Table 2a presents the production table for the environmental protection services by the federal government. Table 2b explains how each item was estimated, or from which source it was taken.

Table 2a : The production table for the federal government (millions of euro)

	1997	1998	1999	2000	2001	2002
1. Current transactions						
1.1 Current uses						
1.1.1 Intermediate consumption	3.65	2.40	2.79	2.59	2.19	2.25
1.1.4 Other taxes on production						
1.1.2 Compensation of employees	2.43	3.21	3.72	3.70	3.45	3.50
1.1.3 Consumption of fixed capital	0.14	0.09	0.08	0.35	0.04	0.01
1.1.5 Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6 Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00
1.2. Output (cost of production)	6.22	5.70	6.59	6.63	5.67	5.76
1.2.1 Non-environmental output						
1.2.2 Environmental protection output	6.22	5.70	6.59	6.63	5.67	5.76
1.2.2.1 Non-market	6.08	5.56	6.43	6.49	5.44	5.52
1.2.2.2 Market	0.14	0.14	0.16	0.14	0.23	0.24
1.3 Current EP resources	38.19	40.12	36.51	31.67	37.69	31.06
1.3.1 Market output (incl. Partial payments)	0.14	0.14	0.16	0.14	0.23	0.24
1.3.2 Current transfers	38.05	39.99	36.35	31.53	37.46	30.82
2. Capital transactions						
2.1. Gross Fixed Capital Formation	3.03	0.50	0.33	0.43	1.64	1.36
2.2. Other capital uses						
2.3 Investment grants received	0.17	0.30	0.35	0.34	0.16	0.21
2.4 Other capital transfers received						
3 Financing by producers	-29.12	-34.22	-29.94	-24.94	-30.54	-24.16
4 Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5 Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

In the period investigated, environmental protection output by the federal government, the largest part of which was non-market output, fluctuated between 5.67 and 6.63 millions of euros. Intermediate consumption and compensation of employees both accounted on average for about half of this output during this period. However, at the end of period the compensation of employees had clearly become more important than intermediate consumption, whereas at the start of the period the opposite was true. Gross fixed capital formation was very low between 1998 and 2000, after which it picked up again, without reaching the high value of 1997, however. Since current transfers, more specifically earmarked taxes paid by households, were a lot higher than the sum of environmental protection output and gross fixed capital formation, financing by producers was negative during the entire period.

Table 2b : The production table for the federal government (data description)

1. Current transactions	
1 Current uses	
1.1.1 Intermediate consumption	The intermediate consumption for the general government was provided by the Federal Government Service for the budget, and includes the value of all goods and services used by the government in its production process (code 12-14).
1.1.4 Other taxes on production	
1.1.2 Compensation of employees	The compensation of employees was provided by the Federal Public Service for the Budget and includes the total compensation, both in money and in kind, that the government as employer is indebted to its employees.
1.1.3 Consumption of fixed capital	The amount of fixed capital consumption is not available for the environmental protection function of the federal government. The National Accounts Institute (NAI) makes the assumption that this amount is equal to zero. Since gross fixed capital formation in environmental protection has not been negligible in the past, this is not really correct. We therefore made a rough estimate on the basis of the CFC/output ratios presented in Eurostat (2002), page 71. We calculated the average ratio for government specialized producers for wastewater and waste, equal to 0.704 and 0.236 respectively, and applied these ratios to the available data on current uses in these domains.
1.1.5 Less other subsidies on production	These are equal to zero for all of the federal government's activities
1.1.6 Net operating surplus	The net operating surplus is assumed to be zero for the environmental protection activity in the national accounts.
1.2. Output (cost of production)	
1.2.1 Non-environmental output	The output is calculated as the cost of production, i.e. the sum of intermediate consumption, compensation of employees, taxes less subsidies on production and consumption of fixed capital.
1.2.2 Environmental protection output	Not recorded for the government
1.2.2.1 Non-market	The proportion of market output in total output is not available for the environmental function. It is available for all functions together though. We therefore assume the share of market output to be identical for all functions.
1.2.2.2 Market	Between 1997 and 2002 the share of market output was equal to 2.26 %, 2.44 %, 2.49 %, 2.06 %, 4.04 % and 4.12 %.
1.3 Current EP resources	Sum of market output and current transfers received
1.3.1 Market output (incl. partial payments)	The partial payments are supposed not to exist.
1.3.2 Current transfers	The amounts by function are not available, except for earmarked taxes. The rest of current transfers received for the environmental protection function are estimated from the current transfers given by the other institutional sectors.
2. Capital transactions	
2.1. Gross Fixed Capital Formation	Gross fixed capital formation was furnished by the Federal Public Services for the Budget and consists of the following components: purchase of domestic land and buildings (71) new buildings (72) roads and waterworks (73) acquisition of other investment goods (74)
2.2. Other capital uses	
2.3 Investment grants received	The amounts by function are not available. The capital transfers received for the function (05) are estimated from the capital transfers given by the other institutional sectors.
2.4 Other capital transfers received	
3 Financing by producers	The financing by producers is equal to the sum of current and capital uses minus current resources and capital transfers
4 Labour inputs	These data are not available
5 Stock of fixed assets	These data are not available

To specify the proportion of each environmental domain in the total production of environmental services by the federal government, we took recourse to an analysis of the government budget. This resulted in a three steps method of allocation:

- Identification and selection of environmental protection programs in the different ministries and divisions of the federal administration
- Classification of the selected budgets (linked to the programs) according to the CEPA
- Calculation of coefficients (proportions) for current and capital transactions separately, which are applied to the total amounts presented above.

Table 3 presents these current and capital expenditure proportions for each domain in the federal environmental protection budget. The former were used to allocate the totals for intermediate consumption and compensation of employees, the latter to do likewise for gross fixed capital formation.

We illustrate our *modus operandi* with the following clarifying example. The federal programs related to air and climate protection represented 13.15 % of total federal current expenditure devoted to environmental protection in 2001. To calculate the compensation of employees in this domain, we applied this proportion to the total amount, 3.45 millions of euros, which gives 0.45 millions of euros.

Table 3 : Shares of environmental domains in federal programs for environmental protection 1997-2002 (in %)

	Biodiversity	Soil	Waste	Water	Air/climate	Radiation	Other
Current Expenditure							
1997	35.30	1.42	0.16	3.11	0.27	34.31	25.42
1998	22.41	0.85	0.57	2.21	0.54	10.36	63.05
1999	20.75	0.38	0.78	1.53	0.49	21.29	54.77
2000	19.61	1.78	0.84	7.57	0.54	24.82	44.85
2001	12.88	2.53	0.70	0.70	13.15	22.68	47.36
2002	1.05	0.07	0.31	0.06	1.00	94.01	3.50
Capital expenditure							
1997	0	0	3.17	8.37	0	88.45	0
1998	0	0	4.71	29.41	0	65.88	0
1999	0	0	100.0	0	0	0	0
2000	0	0	40.00	60.00	0	0	0
2001	0	0	94.37	0	5.49	0	0.14
2002	0	0	99.15	0	0.75	0	0.1

Table 3 reveals that capital expenditure has been shifted away from radiation towards waste, water and to a lesser degree also to air and climate. Current expenditure has gone mainly to the category other, which contains general environmental administration and education, except in 1997 and 2002. In 1997 a large part of current expenditure was also spent on biodiversity and radiation. The share of current expenditure on the former has decreased significantly over the period under consideration, while the share of current expenditure on radiation remained important and peaked in 2002.

Table 4 presents the resulting production table for the environmental protection services produced by the federal government in each of the six years of the period under investigation. The conclusions made for the previous table can be repeated concerning the distribution between the different environmental domains.

Table 4. Table B Production of Environmental Protection Services by the Federal government (mill. of euro)

1997	Federal administration	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	1.29	0.05	0.01	0.11	0.01	1.25	0.93	3.65
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	0.86	0.03	0.00	0.08	0.01	0.84	0.62	2.43
1.1.3	Consumption of fixed capital	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.14
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	2.15	0.09	0.01	0.32	0.02	2.09	1.55	6.22
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	2.15	0.09	0.01	0.32	0.02	2.09	1.55	6.22
1.2.2.1	Non-market	2.10	0.08	0.01	0.32	0.02	2.04	1.51	6.08
1.2.2.2	Market	0.05	0.00	0.00	0.01	0.00	0.05	0.03	0.14
1.3	Current environmental protection resources	0.06	0.02	0.12	0.57	37.33	0.05	0.06	38.19
1.3.1	Market output (including partial payments)	0.05	0.00	0.00	0.01	0.00	0.05	0.03	0.14
1.3.2	Current transfers	0.01	0.01	0.12	0.56	37.32	0.00	0.02	38.05
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	0.10	0.25	0.00	2.68	0.00	3.03
2.2	Other capital uses								
2.3	Investment grants received	0.00	0.00	0.04	0.12	0.00	0.00	0.01	0.17
2.4	Other capital transfers received								
3	Financing by producers	2.08	0.07	-0.05	-0.11	-37.31	4.72	1.48	-29.12
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1998	Federal administration	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.54	0.02	0.01	0.05	0.01	0.25	1.51	2.38
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	0.72	0.03	0.02	0.07	0.02	0.33	2.02	3.19
1.1.3	Consumption of fixed capital	0.00	0.00	0.01	0.09	0.00	0.00	0.00	0.10
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	1.26	0.05	0.04	0.21	0.03	0.58	3.54	5.61
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	1.26	0.05	0.04	0.21	0.03	0.58	3.54	5.61
1.2.2.1	Non-market	1.23	0.05	0.04	0.21	0.03	0.57	3.45	5.50
1.2.2.2	Market	0.03	0.00	0.00	0.01	0.00	0.01	0.09	0.11
1.3	Current environmental protection resources	0.04	0.02	0.95	0.43	38.56	0.01	0.11	40.02
1.3.1	Market output (including partial payments)	0.03	0.00	0.00	0.01	0.00	0.01	0.09	0.14
1.3.2	Current transfers	0.01	0.02	0.95	0.42	38.56	0.00	0.03	39.98
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	0.02	0.15	0.00	0.33	0.00	0.50
2.2	Other capital uses								
2.3	Investment grants received	0.00	0.00	0.15	0.15	0.00	0.00	0.00	0.30
2.4	Other capital transfers received								
3	Financing by producers	1.21	0.03	-1.03	-0.22	-38.53	0.90	3.42	-34.67
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1999	Federal administration	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.58	0.01	0.02	0.04	0.01	0.60	1.53	2.79
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	0.77	0.01	0.03	0.06	0.02	0.79	2.04	3.72
1.1.3	Consumption of fixed capital	0.00	0.00	0.01	0.07	0.00	0.00	0.00	0.08
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	1.35	0.02	0.06	0.17	0.03	1.39	3.57	6.59
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	1.35	0.02	0.06	0.17	0.03	1.39	3.57	6.59
1.2.2.1	Non-market	1.32	0.02	0.06	0.17	0.03	1.35	3.48	6.43
1.2.2.2	Market	0.03	0.00	0.00	0.00	0.00	0.03	0.09	0.16
1.3	Current environmental protection resources	0.06	0.06	1.38	0.38	34.45	0.03	0.15	36.51
1.3.1	Market output (including partial payments)	0.03	0.00	0.00	0.00	0.00	0.03	0.09	0.16
1.3.2	Current transfers	0.03	0.06	1.38	0.38	34.45	0.00	0.06	36.35
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.33
2.2	Other capital uses								
2.3	Investment grants received	0.01	0.00	0.03	0.30	0.00	0.00	0.01	0.35
2.4	Other capital transfers received								
3	Financing by producers	1.28	-0.03	-1.02	-0.51	-34.42	1.35	3.41	-29.94
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2000	Federal administration	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.51	0.05	0.02	0.20	0.01	0.64	1.16	2.59
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	0.73	0.07	0.03	0.28	0.02	0.92	1.66	3.70
1.1.3	Consumption of fixed capital	0.00	0.00	0.01	0.33	0.00	0.00	0.00	0.35
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	1.23	0.11	0.07	0.81	0.03	1.56	2.82	6.63
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	1.23	0.11	0.07	0.81	0.03	1.56	2.82	6.63
1.2.2.1	Non-market	1.21	0.11	0.06	0.79	0.03	1.53	2.76	6.49
1.2.2.2	Market	0.03	0.00	0.00	0.02	0.00	0.03	0.06	0.14
1.3	Current environmental protection resources	0.04	0.05	1.18	0.24	30.02	0.03	0.10	31.67
1.3.1	Market output (including partial payments)	0.03	0.00	0.00	0.02	0.00	0.03	0.06	0.14
1.3.2	Current transfers	0.01	0.05	1.18	0.22	30.02	0.00	0.04	31.53
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	0.17	0.26	0.00	0.00	0.00	0.43
2.2	Other capital uses								
2.3	Investment grants received	0.01	0.00	0.03	0.29	0.00	0.00	0.01	0.34
2.4	Other capital transfers received								
3	Financing by producers	1.18	0.06	-0.98	0.54	-29.99	1.53	2.71	-24.94
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2001	Federal administration	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.28	0.06	0.02	0.02	0.29	0.50	1.04	2.19
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	0.44	0.09	0.02	0.02	0.45	0.78	1.63	3.45
1.1.3	Consumption of fixed capital	0.00	0.00	0.01	0.03	0.00	0.00	0.00	0.04
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.73	0.14	0.05	0.07	0.74	1.28	2.67	5.67
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	0.73	0.14	0.05	0.07	0.74	1.28	2.67	5.67
1.2.2.1	Non-market	0.70	0.14	0.05	0.06	0.71	1.23	2.56	5.44
1.2.2.2	Market	0.03	0.01	0.00	0.00	0.03	0.05	0.11	0.23
1.3	Current environmental protection resources	0.04	0.01	4.23	0.01	33.16	0.05	0.20	37.69
1.3.1	Market output (including partial payments)	0.03	0.01	0.00	0.00	0.03	0.05	0.11	0.23
1.3.2	Current transfers	0.01	0.00	4.23	0.00	33.13	0.00	0.09	37.46
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	1.55	0.00	0.09	0.00	0.00	1.64
2.2	Other capital uses								
2.3	Investment grants received	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.16
2.4	Other capital transfers received								
3	Financing by producers	0.69	0.13	-2.64	-0.10	-32.32	1.23	2.47	-30.54
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2002	Federal administration	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.02	0.00	0.01	0.00	0.02	2.12	0.08	2.25
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	0.04	0.00	0.01	0.00	0.04	3.29	0.12	3.50
1.1.3	Consumption of fixed capital	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.06	0.00	0.02	0.01	0.06	5.41	0.20	5.76
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	0.06	0.00	0.02	0.01	0.06	5.41	0.20	5.76
1.2.2.1	non-market	0.06	0.00	0.02	0.01	0.06	5.19	0.19	5.52
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.22	0.01	0.24
1.3	Current environmental protection resources	0.01	0.00	2.61	0.00	28.15	0.22	0.07	31.06
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.22	0.01	0.24
1.3.2	Current transfers	0.01	0.00	2.60	0.00	28.15	0.00	0.06	30.82
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	1.34	0.00	0.01	0.00	0.00	1.36
2.2	Other capital uses								
2.3	Investment grants received	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.21
2.4	Other capital transfers received								
3	Financing by producers	0.05	0.00	-1.24	-0.1	-28.09	5.19	0.4	-24.16
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2. The state governments: the regions

The method to fill out Table B for the regional administrations consists of three main steps:

- First we completed Table B for the regions without any distinction between the environmental domains. The only data source are the national accounts. These provide data for the function "05" (environment) on intermediate consumption, compensation of employees, gross fixed capital formation and other capital uses, and the share of market output in total output. Concerning gross fixed capital formation in 1997 it was decided to correct the figure in the national accounts, since it does not take into account the sale of an incineration oven to the private sector by the region of Brussels Capital. We introduced this sale as a disinvestment in the waste domain.⁹
- Secondly, we completed Table B for the three individual regions, in order to obtain a distribution across the different environmental domains. For the Flemish Region this was obtained from a direct estimation of the current and capital transactions allocated to the different domains of the CEPA provided by this government (reply to the OECD-Eurostat questionnaire on environmental protection expenditure). For the Brussels-Capital region and the Walloon region this was achieved by two different methods. For 1997-2000 we used the analysis of the regional budgets by Bruno Kestemont of the national Statistical office. For 2001-2002 we used our own analysis of the regional budgets. The data for the three regions were added together, except for current transfers and investment grants received¹⁰, resulting in a distribution key for each of the other items in Table B for the three regional governments together.
- Finally, we applied the distribution keys obtained in the second step to the national accounts data obtained during the first step of the estimation procedure. This gives the final result for the environmental protection expenditure by the regions.

Table 5a presents the first step estimates for the individual items of table B. Table 5b includes some clarifying comments on the different items.

The output of environmental protection services by the state governments, which is far more important than the output of the federal government, rose steadily from 1997 till 2001. In 2002 there was a slight decrease in environmental protection output. The relative shares in output of intermediate consumption, compensation of employees and consumption of fixed capital have remained fairly stable. Intermediate consumption had a share of around 55 percent, compensation of employees of about 30 percent, while around 15 percent was consumption of fixed capital. Current transfers received for environmental protection decreased during the period considered. This is mainly due to a fall in waste related earmarked taxes paid by the companies. Capital formation was low in 1997 due to the disinvestment by the region of Brussels Capital in the waste domain. This is also the reason why financing by the state governments in that year was significantly lower than in the other years. For the period 1998-2002 we clearly observe an increasing trend in gross fixed capital formation, as well as in financing by producers.

⁹ This decision was taken in close cooperation with the coordinator of the Belgian reply to the OECD-Eurostat questionnaire on environmental protection expenditure, Mr. Bruno Kestemont of the National Statistical Institute.

¹⁰ For more information on the way in which current transfers and investment transfers were calculated we refer to section II.D.

Table 5a : The production table for the regional governments (in millions of euros)

1. Current transactions	1997	1998	1999	2000	2001	2002
1.1 Current uses						
1.1.1 Intermediate consumption	237.66	247.74	266.93	361.08	373.20	359.80
1.1.4 Other taxes on production	0.00	0.00	0.00	0.00	0.00	0.00
1.1.2 Compensation of employees	124.29	142.59	148.91	162.44	200.00	202.30
1.1.3 Consumption of fixed capital	64.62	74.46	79.41	93.35	106.60	89.09
1.1.5 Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6 Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00
1.2. Output (cost of production)	426.57	464.79	495.25	616.88	679.80	651.19
1.2.1 Non-environmental output						
1.2.2 Environmental protection output	426.57	464.79	495.25	616.88	679.80	651.19
1.2.2.1 Non-market	415.36	453.49	483.32	602.57	664.69	630.30
1.2.2.2 Market	11.21	11.30	11.93	14.31	15.11	20.88
1.3 Current EP resources	541.85	528.93	535.89	499.41	481.38	475.11
1.3.1 Market output (incl. Partial payments)	11.21	11.30	11.93	14.31	15.11	20.88
1.3.2 Current transfers	530.64	517.62	523.96	485.10	466.26	454.22
2. Capital transactions						
2.1. Gross fixed capital formation	12.00	78.33	63.31	66.46	89.80	103.40
2.2. Other capital uses						
2.3 Investment grants received	5.31	8.59	8.07	8.07	23.80	4.98
2.4 Other capital transfers received						
3 Financing by producers	-108.58	5.61	14.60	175.86	264.42	274.50
4 Labour inputs	4606	4722	n.a.	n.a.	n.a.	n.a.
5 Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

In table 5b some clarifying comments are added about the data estimation procedure and the sources used.

Table 5b : The production table for the regional government (data description)

1. Current transactions	
1.1 Current uses	
1.1.1 Intermediate consumption	The intermediate consumption for the regional governments is available in the national accounts for the function "05", environment, and includes - the intermediate consumption (P.2) - the other taxes on production (D.29) - the current taxes on production on income, wealth, etc. (D.5, which are equal to zero for all the functions) - the adjustment for the change in net equity of households funds reserves (D.8, which is equal to zero for all the functions)
1.1.4 Other taxes on production	
1.1.2 Compensation of employees	The compensation of employees (D.1) is available for the function "05" in the national accounts
1.1.3 Consumption of fixed capital	The amount of consumption of fixed capital (K.1) is not available for the environmental protection function of the regional governments. The National Bank makes the assumption that this amount is equal to zero. Since gross fixed capital formation in environmental protection has not been negligible in the past, this is not really correct. We therefore made a rough estimate on the basis of the CFC/output ratios presented in Eurostat (2002), page 71. We calculated the average ratio for government specialized for wastewater and waste, equal to 0.704 and 0.236 respectively, and applied these ratios to the available data on current uses in these domains.
1.1.5 Less other subsidies on production	These are equal to zero for all state government's activities
1.1.6 Net operating surplus	The net operating surplus is equal to zero for all the state governments' activities.
1.2. Output (cost of production)	The output is calculated via cost of production, i.e. the sum of intermediate consumption, compensation of employees, taxes less subsidies on production and consumption of fixed capital.
1.2.1 Non-environmental output	Not recorded for the government
1.2.2 Environmental protection output	The proportion of market output in total output is not available for the environmental function. It is available for all functions together though. We therefore assume the share of market output to be identical for all functions.
1.2.2.1 Non-market	Between 1997 and 2002 the share of market output was equal to 2.63%, 2.43%, 2.41%, 2.32%, 2.22% and 3.21%.
1.2.2.2 Market	These proportions were applied to the value of environmental protection output by the state governments.
1.3 Current EP resources	
1.3.1 Market output	The partial payments are supposed not to exist.

(incl. Partial payments)	
1.3.2 Current transfers	The current transfers received for the environmental protection function are based on environmental tax data and on data concerning the current transfers given by the other institutional sectors.
2. Capital Transactions	
2.1. Gross Fixed Capital Formation	Gross fixed capital formation and other capital uses are available for the function "05" in the national accounts. They consist of the gross fixed capital formation (P.5) and the acquisition less disposal of non financial non produced assets (K.2)
2.2. Other capital uses	
2.3 Investment grants received	The capital transfers received for the environmental protection function (05) are estimated on the basis of the analysis of the regional budgets.
2.4 Other capital transfers received	
3 Financing by producers	The financing by producers is equal to the sum of current and capital uses minus current resources and capital transfers.
4 Labour inputs	These data are only available for 1997-1998
5 Stock of fixed assets	These data are not available

a. The Flanders state government

For the period 1997-2002 we had a direct estimation of the current and capital transactions for the Flanders State government at our disposal.¹¹ This estimation was made in the context of the Eurostat Questionnaire on Environmental Expenditure by the General Government. In order to fill out the EPEA tables we had to undertake some extra analysis.

For the years 1997-98 the Flemish administration made an estimate of the distribution of current expenditure between intermediate consumption and compensation of employees. For 1999-2000 we made an estimate ourselves on the basis of the 97-98 method and the analysis of the budget by Bruno Kestemont of the National Statistical Institute. Most of the budget items can be attributed to one of the two categories of current expenditure, but some items cannot. For the latter we calculated the shares of the two items. For 1999 we assumed that particular part of the compensation of employees which belongs to the budget items which could not be attributed directly, to have grown as fast as between 1997 and 1998 in each of the environmental domains. The compensation of employees thus calculated was subtracted from the total value of the current expenditure which could not be attributed directly in order to obtain an estimate of non-directly attributable intermediate consumption. Adding the non-directly attributable parts of current expenditure to the directly attributable parts, we obtained a separate estimate for intermediate consumption and compensation of employees in the different environmental domains. For the years 2001-2002 the Flemish analysis of the budget identifies clearly the compensation of employees. After allocating the compensation of employees, as well as the values for total current expenditure to the different environmental domains, subtracting the compensation of employees from current expenditure for each environmental domain results in intermediate consumption for each of those domains.

The 1997-2000 figures for the transfers are based on the budget analysis of Bruno Kestemont. For the years 2001-2002 the Flemish analysis allowed us to identify the transfers by type and environmental domain. Since the regional data are only used to distribute the national accounts totals over the different environmental domains, we show the shares of each item of table B in Table 6 below, instead of the values.¹²

¹¹ Ochelen, S. (1999); Bormans, R. (2002); Bormans, R. and Hutsebaut, E. (2004).

¹² We use these data only as a distribution key because the sum of the separate estimates for the three regions does not yield the totals in the national accounts.

Table 6 : Table B Production of environmental Protection Services for Flanders (in % of total)

1997	Flanders State Government	Biodiversity	Soil	Waste	Water	Air	Radia.	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	39	14	13	19	8	0	8	100
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	38	11	5	28	2	0	15	100
1.1.3	Consumption of fixed capital	0	0	12	88	0	0	0	100
1.1.5	Less other subsidies on production								
1.1.6	Net operating surplus								
1.2	Output (basic price or cost of production)	33	11	10	33	4	0	9	100
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	33	11	10	33	4	0	9	100
1.2.2.1	non-market	33	11	10	33	4	0	9	100
1.2.2.2	Market	33	11	10	33	4	0	9	100
1.3	Current environmental protection resources	52	5	5	17	2	0	19	100
1.3.1	Market output (including partial payments)	33	11	10	33	4	0	9	100
1.3.2	Current transfers	71	0	0	0	0	0	29	100
2	Capital transactions								
2.1	Gross fixed capital formation	47	7	8	37	0	0	1	100
2.2	Other capital uses								
2.3	Investment grants received	0	0	0	0	0	0	100	100
2.4	Other capital transfers received								
3	Financing by producers	34	10	10	35	4	0	8	100
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.

1998	Flanders State Government	Biodiversity	Soil	Waste	Water	Air	Radia.	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	43	9	8	21	6	0	13	100
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	37	11	5	29	2	0	16	100
1.1.3	Consumption of fixed capital	0	0	8	92	0	0	0	100
1.1.5	Less other subsidies on production								
1.1.6	Net operating surplus								
1.2	Output (basic price or cost of production)	33	9	7	36	3	0	12	100
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	33	9	7	36	3	0	12	100
1.2.2.1	non-market	33	9	7	36	3	0	12	100
1.2.2.2	Market	33	9	7	36	3	0	12	100
1.3	Current environmental protection resources	49	3	3	14	1	0	30	100
1.3.1	Market output (including partial payments)	33	9	7	36	3	0	12	100
1.3.2	Current transfers	59	0	0	0	0	0	41	100
2	Capital transactions								
2.1	Gross fixed capital formation	45	16	21	17	0	0	1	100
2.2	Other capital uses								
2.3	Investment grants received	0	0	0	0	0	0	100	100
2.4	Other capital transfers received								
3	Financing by producers	35	11	10	33	3	0	9	100
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.

1999	Flanders State Government	Biodiversity	Soil	Waste	Water	Air	Radia.	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	38	16	7	26	5	0	8	100
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	39	10	5	27	2	0	16	100
1.1.3	Consumption of fixed capital	0	0	7	93	0	0	0	100
1.1.5	Less other subsidies on production								
1.1.6	Net operating surplus								
1.2	Output (basic price or cost of production)	32	11	6	38	3	0	10	100
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	32	11	6	38	3	0	10	100
1.2.2.1	non-market	32	11	6	38	3	0	10	100
1.2.2.2	Market	32	11	6	38	3	0	10	100
1.3	Current environmental protection resources	58	6	4	22	2	0	8	100
1.3.1	Market output (including partial payments)	32	11	6	38	3	0	10	100
1.3.2	Current transfers	94	0	0	0	0	0	6	100
2	Capital transactions								
2.1	Gross fixed capital formation	34	21	28	16	0	0	2	100
2.2	Other capital uses								
2.3	Investment grants received	100	0	0	0	0	0	0	100
2.4	Other capital transfers received								
3	Financing by producers	31	14	12	33	2	0	8	100
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.

2000	Flanders State Government	Biodiversity	Soil	Waste	Water	Air	Radia.	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	40	15	6	21	4	0	13	100
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	44	9	5	26	2	0	14	100
1.1.3	Consumption of fixed capital	0	0	7	93	0	0	0	100
1.1.5	Less other subsidies on production								
1.1.6	Net operating surplus								
1.2	Output (basic price or cost of production)	36	10	6	34	2	0	12	100
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	36	10	6	34	2	0	12	100
1.2.2.1	non-market	36	10	6	34	2	0	12	100
1.2.2.2	Market	36	10	6	34	2	0	12	100
1.3	Current environmental protection resources	59	6	4	20	1	0	10	100
1.3.1	Market output (including partial payments)	36	10	6	34	2	0	12	100
1.3.2	Current transfers	93	0	0	0	0	0	7	100
2	Capital transactions								
2.1	Gross fixed capital formation	46	16	21	16	0	0	1	100
2.2	Other capital uses								
2.3	Investment grants received	100	0	0	0	0	0	0	100
2.4	Other capital transfers received								
3	Financing by producers	38	12	10	30	2	0	9	100
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.

2001	Flanders State Government	Biodiversity	Soil	Waste	Water	Air	Radia.	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	28	19	28	18	3	0	5	100
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	41	11	7	27	2	0	12	100
1.1.3	Consumption of fixed capital	0	0	17	83	0	0	0	100
1.1.5	Less other subsidies on production								
1.1.6	Net operating surplus								
1.2	Output (basic price or cost of production)	30	12	15	33	2	0	8	100
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	30	12	15	33	2	0	8	100
1.2.2.1	non-market	30	12	15	33	2	0	8	100
1.2.2.2	market	30	12	15	33	2	0	8	100
1.3	Current environmental protection resources	1	6	24	69	0	0	0	100
1.3.1	Market output (including partial payments)	30	12	15	33	2	0	8	100
1.3.2	Current transfers	0	6	24	70	0	0	0	100
2	Capital transactions								
2.1	Gross fixed capital formation	21	16	1	58	0	0	4	100
2.2	Other capital uses								
2.3	Investment grants received	100	0	0	0	0	0	0	100
2.4	Other capital transfers received								
3	Financing by producers	89	34	-31	-15	3	0	20	100
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.

2002	Flanders State Government	Biodiversity	Soil	Waste	Water	Air	Radia.	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	3	35	28	6	11	0	17	100
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	38	19	5	15	3	0	19	100
1.1.3	Consumption of fixed capital	0	0	21	79	0	0	0	100
1.1.5	Less other subsidies on production								
1.1.6	Net operating surplus								
1.2	Output (basic price or cost of production)	27	21	12	20	4	0	17	100
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	27	21	12	20	4	0	17	100
1.2.2.1	non-market	27	21	12	20	4	0	17	100
1.2.2.2	Market	27	21	12	20	4	0	17	100
1.3	Current environmental protection resources	0	8	20	71	0	0	0	100
1.3.1	Market output (including partial payments)	27	21	12	20	4	0	17	100
1.3.2	Current transfers	0	8	20	72	0	0	0	100
2	Capital transactions								
2.1	Gross fixed capital formation	22	15	3	56	0	0	4	100
2.2	Other capital uses								
2.3	Investment grants received	0	0	0	0	0	0	0	0
2.4	Other capital transfers received								
3	Financing by producers	130	61	-50	-104	10	0	53	100
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.

In the period 1997-2001 both the share of biodiversity and water accounted for approximately one third of total output. In 2002 there was a decrease of both shares, while the shares of soil and other increased. The waste share decreased the first four years from 10 to 6%, but in 2001-2002 its share rose above 10 percent.

Between 1997-2000 gross fixed capital formation was mainly geared to biodiversity. In 2001-2002 the largest part in gross fixed capital formation was taken by water.

b. Brussels-Capital and Walloon regions

For the years 1997-2000 the environmental protection expenditure by the regions of Brussels-Capital on the one hand and Wallonia on the other hand was analysed by Bruno Kestemont of the National Statistical Institute. For 2001 and 2002 we made our own analysis of the budgets of these two regions. These data were used to allocate the totals from the national accounts to the different environmental domains.

Table 7 presents the share of each domain in the total for each Table B item separately for Wallonia. Table 8 does the same for the region of Brussels-Capital.

Table 7 shows that the category "other", consisting to a large degree of administrative costs, has been the major domain concerning output of environmental protection services in Wallonia during the period 1997-2002. Between 1997-2000 its share remained around 40%, but in the last two years it decreased to 27%. Simultaneously waste and water became equally important environmental domains, with a share of between one fifth and a quarter of total output. As concerns gross fixed capital formation for environmental protection, the largest part was devoted to water during the period 1997-2000. In the period 2001-2002 gross fixed capital formation in waste became more important.

Table 7 : Table B Production of environmental Protection Services for Wallonia (in percent of total)

1997	Wallonia	Biodiversity	Soil	Waste	Water	Air	Radia.	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	9	0	33	16	5	0	38	100
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	7	5	13	11	0	0	64	100
1.1.3	Consumption of fixed capital	0	0	36	64	0	0	0	100
1.1.5	Less other subsidies on production								
1.1.6	Net operating surplus								
1.2	Output (basic price or cost of production)	7	2	25	21	2	0	43	100
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	7	2	25	21	2	0	43	100
1.2.2.1	non-market	7	2	25	21	2	0	43	100
1.2.2.2	Market	7	2	25	21	2	0	43	100
1.3	Current environmental protection resources	7	2	25	21	2	0	43	100
1.3.1	Market output (including partial payments)	7	2	25	21	2	0	43	100
1.3.2	Current transfers								
2	Capital transactions								
2.1	Gross fixed capital formation	15	0	20	48	5	0	12	100
2.2	Other capital uses								
2.3	Investment grants received								
2.4	Other capital transfers received								
3	Financing by producers	8	2	24	26	3	0	37	100
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.

1998	Wallonia	Biodiversity	Soil	Waste	Water	Air	Radia.	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	7	0	26	21	3	0	42	100
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	7	5	13	11	0	0	64	100
1.1.3	Consumption of fixed capital	0	0	29	71	0	0	0	100
1.1.5	Less other subsidies on production								
1.1.6	Net operating surplus								
1.2	Output (basic price or cost of production)	6	2	21	24	1	0	45	100
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	6	2	21	24	1	0	45	100
1.2.2.1	non-market	6	2	21	24	1	0	45	100
1.2.2.2	Market	6	2	21	24	1	0	45	100
1.3	Current environmental protection resources	6	2	21	24	1	0	45	100
1.3.1	Market output (including partial payments)	6	2	21	24	1	0	45	100
1.3.2	Current transfers								
2	Capital transactions								
2.1	Gross fixed capital formation	20	0	23	49	2	0	7	100
2.2	Other capital uses								
2.3	Investment grants received								
2.4	Other capital transfers received								
3	Financing by producers	9	2	22	29	2	0	38	100
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.

1999	Wallonia	Biodiversity	Soil	Waste	Water	Air	Radia.	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	7	0	43	4	3	0	42	100
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	7	5	13	11	0	0	64	100
1.1.3	Consumption of fixed capital	0	0	56	44	0	0	0	100
1.1.5	Less other subsidies on production								
1.1.6	Net operating surplus								
1.2	Output (basic price or cost of production)	6	2	32	12	2	0	46	100
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	6	2	32	12	2	0	46	100
1.2.2.1	non-market	6	2	32	12	2	0	46	100
1.2.2.2	Market	6	2	32	12	2	0	46	100
1.3	Current environmental protection resources	6	2	32	12	2	0	46	100
1.3.1	Market output (including partial payments)	6	2	32	12	2	0	46	100
1.3.2	Current transfers								
2	Capital transactions								
2.1	Gross fixed capital formation	17	0	31	43	2	0	6	100
2.2	Other capital uses								
2.3	Investment grants received								
2.4	Other capital transfers received								
3	Financing by producers	9	2	32	18	2	0	38	100
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.

2000	Wallonia	Biodiversity	Soil	Waste	Water	Air	Radia.	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	7	0	49	4	3	0	37	100
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	7	5	13	11	0	0	64	100
1.1.3	Consumption of fixed capital	0	0	61	39	0	0	0	100
1.1.5	Less other subsidies on production								
1.1.6	Net operating surplus								
1.2	Output (basic price or cost of production)	6	2	37	11	1	0	43	100
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	6	2	37	11	1	0	43	100
1.2.2.1	non-market	6	2	37	11	1	0	43	100
1.2.2.2	Market	6	2	37	11	1	0	43	100
1.3	Current environmental protection resources	6	2	37	11	1	0	43	100
1.3.1	Market output (including partial payments)	6	2	37	11	1	0	43	100
1.3.2	Current transfers								
2	Capital transactions								
2.1	Gross fixed capital formation	19	0	26	47	2	0	7	100
2.2	Other capital uses								
2.3	Investment grants received								
2.4	Other capital transfers received								
3	Financing by producers	8	2	35	17	2	0	37	100
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.

2001	Wallonia	Biodiversity	Soil	Waste	Water	Air	Radia.	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	13	17	26	12	0	0	32	100
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	7	5	33	32	0	0	22	100
1.1.3	Consumption of fixed capital	0	0	36	64	0	0	0	100
1.1.5	Less other subsidies on production								
1.1.6	Net operating surplus								
1.2	Output (basic price or cost of production)	10	12	28	23	0	0	26	100
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	10	12	28	23	0	0	26	100
1.2.2.1	non-market	10	12	28	23	0	0	26	100
1.2.2.2	Market	10	12	28	23	0	0	26	100
1.3	Current environmental protection resources	10	12	28	23	0	0	26	100
1.3.1	Market output (including partial payments)	10	12	28	23	0	0	26	100
1.3.2	Current transfers								
2	Capital transactions								
2.1	Gross fixed capital formation	3	0	49	45	0	0	4	100
2.2	Other capital uses								
2.3	Investment grants received								
2.4	Other capital transfers received								
3	Financing by producers	5	4	43	39	0	0	10	100
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.

2002	Wallonia	Biodiversity	Soil	Waste	Water	Air	Radia.	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	17	17	23	13	0	0	31	100
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	11	6	18	34	0	0	31	100
1.1.3	Consumption of fixed capital	0	0	31	69	0	0	0	100
1.1.5	Less other subsidies on production								
1.1.6	Net operating surplus								
1.2	Output (basic price or cost of production)	14	13	23	24	0	0	27	100
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	14	13	23	24	0	0	27	100
1.2.2.1	Non-market	14	13	23	24	0	0	27	100
1.2.2.2	Market	14	13	23	24	0	0	27	100
1.3	Current environmental protection resources	14	13	23	24	0	0	27	100
1.3.1	Market output (including partial payments)	14	13	23	24	0	0	27	100
1.3.2	Current transfers								
2	Capital transactions								
2.1	Gross fixed capital formation	4	0	52	42	0	0	1	100
2.2	Other capital uses								
2.3	Investment grants received								
2.4	Other capital transfers received								
3	Financing by producers	7	4	43	36	0	0	9	100
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.

Table 8 clearly shows that the lion's share (around eighty percent) of environmental protection output in the region of Brussels-Capital was situated in the waste domain. In contrast gross fixed capital formation was primarily geared towards water, although the share of waste was considerable during some years as well. For 1997 the gross fixed capital formation distribution was not shown because due to the disinvestment in the waste domain it makes no sense.

Table 8 : Table B Production of environmental Protection Services for Brussels-Capital (in percent of total)

1997	Brussels Capital Region	Biodiversity	Soil	Waste	Water	Air	Radia.	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	9	0	75	2	0	0	15	100
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	2	0	76	1	1	0	20	100
1.1.3	Consumption of fixed capital	0	0	95	5	0	0	0	100
1.1.5	Less other subsidies on production								
1.1.6	Net operating surplus								
1.2	Output (basic price or cost of production)	4	0	78	2	0	0	15	100
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	4	0	78	2	0	0	15	100
1.2.2.1	Non-market	4	0	78	2	0	0	15	100
1.2.2.2	Market	4	0	78	2	0	0	15	100
1.3	Current environmental protection resources	2	0	87	1	0	0	9	100
1.3.1	Market output (including partial payments)	4	0	78	2	0	0	15	100
1.3.2	Current transfers	0	0	100	0	0	0	0	100
2	Capital transactions								
2.1	Gross fixed capital formation								
2.2	Other capital uses								
2.3	Investment grants received	0	0	0	100	0	0	0	100
2.4	Other capital transfers received								
3	Financing by producers	6	0	43	27	1	0	23	100
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.

1998	Brussels Capital Region	Biodiversity	Soil	Waste	Water	Air	Radia.	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	8	0	86	3	0	0	3	100
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	2	0	77	1	1	0	19	100
1.1.3	Consumption of fixed capital	0	0	94	6	0	0	0	100
1.1.5	Less other subsidies on production								
1.1.6	Net operating surplus								
1.2	Output (basic price or cost of production)	4	0	83	2	0	0	11	100
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	4	0	83	2	0	0	11	100
1.2.2.1	Non-market	4	0	83	2	0	0	11	100
1.2.2.2	Market	4	0	83	2	0	0	11	100
1.3	Current environmental protection resources	2	0	90	1	0	0	6	100
1.3.1	Market output (including partial payments)	4	0	83	2	0	0	11	100
1.3.2	Current transfers	0	0	100	0	0	0	0	100
2	Capital transactions								
2.1	Gross fixed capital formation	0	0	10	90	0	0	0	100
2.2	Other capital uses								
2.3	Investment grants received	0	0	0	100	0	0	0	100
2.4	Other capital transfers received								
3	Financing by producers	2	0	59	31	0	0	7	100
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.

1999	Brussels Capital Region	Biodiversity	Soil	Waste	Water	Air	Radia.	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	3	0	83	1	0	0	13	100
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	2	0	78	1	1	0	18	100
1.1.3	Consumption of fixed capital	0	0	96	4	0	0	0	100
1.1.5	Less other subsidies on production								
1.1.6	Net operating surplus								
1.2	Output (basic price or cost of production)	2	0	83	2	0	0	14	100
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	2	0	83	2	0	0	14	100
1.2.2.1	Non-market	2	0	83	2	0	0	14	100
1.2.2.2	Market	2	0	83	2	0	0	14	100
1.3	Current environmental protection resources	1	0	89	1	0	0	8	100
1.3.1	Market output (including partial payments)	2	0	83	2	0	0	14	100
1.3.2	Current transfers	0	0	100	0	0	0	0	100
2	Capital transactions								
2.1	Gross fixed capital formation	0	0	22	78	0	0	0	100
2.2	Other capital uses								
2.3	Investment grants received	0	0	0	100	0	0	0	100
2.4	Other capital transfers received								
3	Financing by producers	2	0	71	16	0	0	11	100
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.

2000	Brussels Capital Region	Biodiversity	Soil	Waste	Water	Air	Radia.	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	5	0	80	2	0	0	13	100
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	2	0	80	1	1	0	16	100
1.1.3	Consumption of fixed capital	0	0	95	5	0	0	0	100
1.1.5	Less other subsidies on production								
1.1.6	Net operating surplus								
1.2	Output (basic price or cost of production)	3	0	83	2	0	0	12	100
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	3	0	83	2	0	0	12	100
1.2.2.1	Non-market	3	0	83	2	0	0	12	100
1.2.2.2	Market	3	0	83	2	0	0	12	100
1.3	Current environmental protection resources	2	0	89	1	0	0	8	100
1.3.1	Market output (including partial payments)	3	0	83	2	0	0	12	100
1.3.2	Current transfers	0	0	100	0	0	0	0	100
2	Capital transactions								
2.1	Gross fixed capital formation	0	0	31	69	0	0	0	100
2.2	Other capital uses								
2.3	Investment grants received	0	0	0	100	0	0	0	100
2.4	Other capital transfers received								
3	Financing by producers	2	0	74	13	0	0	10	100
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.

2001	Brussels Capital Region	Biodiversity	Soil	Waste	Water	Air	Radia.	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	8	0	76	1	1	0	14	100
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	8	0	76	0	0	0	16	100
1.1.3	Consumption of fixed capital	0	0	97	3	0	0	0	100
1.1.5	Less other subsidies on production								
1.1.6	Net operating surplus								
1.2	Output (basic price or cost of production)	7	0	79	1	1	0	13	100
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	7	0	79	1	1	0	13	100
1.2.2.1	Non-market	7	0	79	1	1	0	13	100
1.2.2.2	Market	7	0	79	1	1	0	13	100
1.3	Current environmental protection resources	34	0	52	1	2	0	11	100
1.3.1	Market output (including partial payments)	7	0	79	1	1	0	13	100
1.3.2	Current transfers	67	0	20	0	3	0	10	100
2	Capital transactions								
2.1	Gross fixed capital formation	0	0	16	83	0	0	0	100
2.2	Other capital uses								
2.3	Investment grants received	0	0	0	100	0	0	0	100
2.4	Other capital transfers received								
3	Financing by producers	5	0	79	3	1	0	12	100
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.

2002	Brussels Capital Region	Biodiversity	Soil	Waste	Water	Air	Radia.	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	8	0	72	4	1	0	14	100
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	8	0	75	0	0	0	16	100
1.1.3	Consumption of fixed capital	0	0	91	9	0	0	0	100
1.1.5	Less other subsidies on production								
1.1.6	Net operating surplus								
1.2	Output (basic price or cost of production)	7	0	76	3	1	0	13	100
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	7	0	76	3	1	0	13	100
1.2.2.1	Non-market	7	0	76	3	1	0	13	100
1.2.2.2	Market	7	0	76	3	1	0	13	100
1.3	Current environmental protection resources	12	0	15	68	1	0	5	100
1.3.1	Market output (including partial payments)	7	0	76	3	1	0	13	100
1.3.2	Current transfers	13	0	3	80	1	0	3	100
2	Capital transactions								
2.1	Gross fixed capital formation	4	0	8	89	0	0	0	100
2.2	Other capital uses								
2.3	Investment grants received	0	0	0	100	0	0	0	100
2.4	Other capital transfers received								
3	Financing by producers	5	0	64	20	1	0	10	100
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.

c. Final result for the regional Table B

Table 9 shows the final result of the estimation of the production table for the regions. This final result was achieved by summing each separate item for each environmental domain across the three regions, and then adjusting the figures to the totals found in the national accounts, and presented in table 5a.

The most important environmental domain in which the regions produced environmental protection services was waste. Its share in total output rose steadily from 32% in 1997 to 45% in 2002. Biodiversity and water each accounted for approximately one fifth of the regional environmental output, though by 2001-2002 their share had dropped to below 15%. Another 15% was attributable to the category "other".

Water was the domain in which most gross fixed capital formation took place. In 1998 it accounted for almost sixty percent of total capital formation. This share decreased to just above 30% in 2000, after which it increased again in the years 2001 and 2002. Biodiversity and waste were the other two domains in which a large part of capital formation took place.

Financing by producers was negative for water during the entire period, due to a large inflow of current transfers, more specifically earmarked taxes.

Table 9 : Table B production of environmental Protection Services for the regions (mill. of euro)

1997	Three regions	Biodiversity	Soil	Waste	Water	Air	Radia.	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	66.12	20.40	70.02	34.89	13.53	0.00	32.69	237.66
1.1.4	Other taxes on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.2	Compensation of employees	26.56	8.18	38.86	20.40	1.47	0.00	28.82	124.29
1.1.3	Consumption of fixed capital	0.00	0.00	25.70	38.93	0.00		0.00	64.62
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	92.68	28.58	134.58	94.22	15.00	0.00	61.51	426.57
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	92.68	28.58	134.58	94.22	15.00	0.00	61.51	426.57
1.2.2.1	Non-market	90.25	27.83	131.04	91.75	14.61	0.00	59.89	415.36
1.2.2.2	Market	2.44	0.75	3.54	2.48	0.39	0.00	1.62	11.21
1.3	Current environmental protection resources	2.44	9.86	142.11	385.43	0.39	0.00	1.62	541.85
1.3.1	Market output (including partial payments)	2.44	0.75	3.54	2.48	0.39	0.00	1.62	11.21
1.3.2	Current transfers	0.00	9.11	138.57	382.95	0.00	0.00	0.00	530.64
2	Capital transactions								
2.1	Gross fixed capital formation	16.79	2.26	-49.45	40.24	0.55	0.00	1.60	12.00
2.2	Other capital uses								
2.3	Investment grants received	0.00	0.00	0.00	4.79	0.00	0.00	0.52	5.31
2.4	Other capital transfers received								
3	Financing by producers	107.04	20.98	-56.98	-255.75	15.16	0.00	60.97	-108.58
4	Labor inputs	1011.46	269.08	1622.26	769.41	57.45	0.00	875.98	4605.64
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.

1998	Three regions	Biodiversity	Soil	Waste	Water	Air	Radia.	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	68.12	11.99	79.70	40.16	9.91	0.00	37.87	247.74
1.1.4	Other taxes on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.2	Compensation of employees	29.48	9.27	46.18	23.40	1.64	0.00	32.62	142.59
1.1.3	Consumption of fixed capital	0.00	0.00	29.71	44.75	0.00		0.00	74.46
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	97.60	21.26	155.59	108.32	11.54	0.00	70.49	464.79
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	97.60	21.26	155.59	108.32	11.54	0.00	70.49	464.79
1.2.2.1	Non-market	95.23	20.74	151.81	105.68	11.26	0.00	68.77	453.49
1.2.2.2	Market	2.37	0.52	3.78	2.63	0.28	0.00	1.71	11.30
1.3	Current environmental protection resources	2.37	5.33	121.68	397.54	0.28	0.00	1.73	528.93
1.3.1	Market output (including partial payments)	2.37	0.52	3.78	2.63	0.28	0.00	1.71	11.30
1.3.2	Current transfers	0.00	4.81	117.89	394.91	0.00	0.00	0.01	517.62
2	Capital transactions								
2.1	Gross fixed capital formation	15.42	5.11	12.19	44.74	0.13	0.00	0.74	78.33
2.2	Other capital uses								
2.3	Investment grants received	0.00	0.00	0.00	8.11	0.00	0.00	0.49	8.59
2.4	Other capital transfers received								
3	Financing by producers	110.65	21.04	46.10	-252.59	11.40	0.00	69.01	5.61
4	Labor inputs	1073.46	267.08	1618.26	800.41	57.45	0.00	904.98	4721.64
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.

1999	Three regions	Biodiversity	Soil	Waste	Water	Air	Radia.	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	62.61	23.91	89.85	42.99	9.20	0.00	38.37	266.93
1.1.4	Other taxes on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.2	Compensation of employees	33.50	9.20	47.32	23.83	1.61	0.00	33.45	148.91
1.1.3	Consumption of fixed capital	0.00	0.00	32.37	47.04	0.00		0.00	79.41
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	96.11	33.12	169.54	113.86	10.81	0.00	71.82	495.25
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	96.11	33.12	169.54	113.86	10.81	0.00	71.82	495.25
1.2.2.1	Non-market	93.79	32.32	165.46	111.12	10.55	0.00	70.09	483.32
1.2.2.2	Market	2.32	0.80	4.09	2.74	0.26	0.00	1.73	11.93
1.3	Current environmental protection resources	2.39	3.00	129.92	398.32	0.26	0.00	2.01	535.89
1.3.1	Market output (including partial payments)	2.32	0.80	4.09	2.74	0.26	0.00	1.73	11.93
1.3.2	Current transfers	0.07	2.20	125.83	395.57	0.00	0.00	0.27	523.96
2	Capital transactions								
2.1	Gross fixed capital formation	13.74	7.91	16.72	23.86	0.10	0.00	0.98	63.31
2.2	Other capital uses								
2.3	Investment grants received	1.13	0.00	0.00	6.94	0.00	0.00	0.00	8.07
2.4	Other capital transfers received								
3	Financing by producers	106.33	38.02	56.34	-267.53	10.65	0.00	70.79	14.60
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	0.00	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.

2000	Three regions	Biodiversity	Soil	Waste	Water	Air	Radia.	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	87.29	28.93	130.52	45.93	9.27	0.00	59.14	361.08
1.1.4	Other taxes on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.2	Compensation of employees	38.66	8.50	56.38	24.02	1.62	0.00	33.27	162.44
1.1.3	Consumption of fixed capital	0.00	0.00	44.11	49.25	0.00		0.00	93.35
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	125.95	37.43	231.01	119.20	10.89	0.00	92.41	616.88
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	125.95	37.43	231.01	119.20	10.89	0.00	92.41	616.88
1.2.2.1	Non-market	123.02	36.56	225.65	116.43	10.64	0.00	90.27	602.57
1.2.2.2	Market	2.92	0.87	5.36	2.76	0.25	0.00	2.14	14.31
1.3	Current environmental protection resources	2.97	11.59	100.88	381.37	0.25	0.00	2.35	499.41
1.3.1	Market output (including partial payments)	2.92	0.87	5.36	2.76	0.25	0.00	2.14	14.31
1.3.2	Current transfers	0.05	10.72	95.52	378.60	0.00	0.00	0.20	485.10
2	Capital transactions								
2.1	Gross fixed capital formation	20.32	6.54	16.03	22.72	0.10	0.00	0.75	66.46
2.2	Other capital uses								
2.3	Investment grants received	1.13	0.00	0.00	6.94	0.00	0.00	0.00	8.07
2.4	Other capital transfers received								
3	Financing by producers	142.16	32.38	146.16	-246.39	10.73	0.00	90.81	175.86
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	0.00	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.

2001	Three regions	Biodiversity	Soil	Waste	Water	Air	Radia.	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	61.17	42.40	169.19	37.10	5.24	0.00	58.09	373.20
1.1.4	Other taxes on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.2	Compensation of employees	52.41	12.86	69.90	34.17	1.95	0.00	28.72	200.00
1.1.3	Consumption of fixed capital	0.00	0.00	56.42	50.18	0.00		0.00	106.60
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	113.59	55.25	295.51	121.45	7.19	0.00	86.81	679.80
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	113.59	55.25	295.51	121.45	7.19	0.00	86.81	679.80
1.2.2.1	non-market	111.06	54.02	288.94	118.75	7.03	0.00	84.88	664.69
1.2.2.2	market	2.53	1.23	6.57	2.70	0.16	0.00	1.93	15.11
1.3	Current environmental protection resources	2.53	5.81	113.64	357.21	0.16	0.00	2.02	481.38
1.3.1	Market output (including partial payments)	2.53	1.23	6.57	2.70	0.16	0.00	1.93	15.11
1.3.2	Current transfers	0.01	4.58	107.07	354.51	0.00	0.00	0.09	466.26
2	Capital transactions								
2.1	Gross fixed capital formation	10.39	7.24	20.98	48.25	0.00	0.00	2.94	89.80
2.2	Other capital uses								
2.3	Investment grants received	0.96	0.00	0.00	22.84	0.00	0.00	0.00	23.80
2.4	Other capital transfers received								
3	Financing by producers	120.48	56.68	202.86	-210.35	7.03	0.00	87.72	264.42
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	0.00	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.

2002	Three regions	Biodiversity	Soil	Waste	Water	Air	Radia.	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	34.15	45.92	171.09	26.07	11.08	0.00	71.49	359.80
1.1.4	Other taxes on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.2	Compensation of employees	51.71	23.00	65.05	21.32	3.36	0.00	37.86	202.30
1.1.3	Consumption of fixed capital	0.00	0.00	55.73	33.36	0.00	0.00	0.00	89.09
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	85.86	68.93	291.86	80.75	14.43	0.00	109.35	651.19
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	85.86	68.93	291.86	80.75	14.43	0.00	109.35	651.19
1.2.2.1	non-market	83.11	66.72	282.50	78.16	13.97	0.00	105.85	630.30
1.2.2.2	market	2.75	2.21	9.36	2.59	0.46	0.00	3.51	20.88
1.3	Current environmental protection resources	2.76	7.71	95.60	365.01	0.46	0.00	3.56	475.11
1.3.1	Market output (including partial payments)	2.75	2.21	9.36	2.59	0.46	0.00	3.51	20.88
1.3.2	Current transfers	0.01	5.50	8624	362.42	0.00	0.00	0.06	454.22
2	Capital transactions								
2.1	Gross fixed capital formation	12.98	7.33	21.75	59.13	0.00	0.00	2.22	103.40
2.2	Other capital uses								
2.3	Investment grants received	0.00	0.00	0.00	4.98	0.00	0.00	0.00	4.98
2.4	Other capital transfers received								
3	Financing by producers	96.08	68.54	218.01	-230.12	13.97	0.00	108.01	274.50
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	0.00	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.

3. The local administrations

The method to complete Table B for the local administrations combines two data sources:

- the National Accounts which contain the transactions of the local administrations classified according to the main function, among which function “05 Environment”. Here we can find data on intermediate consumption, compensation of employees and gross fixed capital formation.¹³
- the accounts of the local administrations which give the current and capital transactions (by economic codes) for different functions, among which environmental protection.

The environmental functions available in the local accounts are:

- the function 777, biodiversity
- the function 875, which can be allocated for 90% to waste management and for 10% to soil protection¹⁴
- the function 876 which corresponds to waste management
- the function 877 which is related to water
- the function 879, other environmental domains.

The data found in the accounts of the local administrations were used to allocate the totals found in the National Accounts to the different environmental domains. We also used them to distribute total output between market output and non-market output.

Table 10a presents the estimates for the individual items of table B. Table 10b consists of some clarifying comments as to how exactly these items of table B were measured. As can be ascertained, environmental protection output by the local authorities increased substantially between 1997-2002. In the period investigated output increased by almost one third. More than 50% of environmental protection output consisted of intermediate consumption. Around a quarter was formed by compensation of employees. And approximately one fifth consisted of consumption of fixed capital.

In contrast to the federal and regional environmental protection output, the largest part of the local administrations’ environmental protection output was market output, and thus paid for by other institutional sectors. Although the share of market output was falling between 1997-2002 it still accounted for almost 70% of total output.

Gross fixed capital formation increased rapidly between 1997 and 2000, only to fall back to its 1998 level in 2001, and further still in 2002.

¹³ For the calculation of the transfers we refer to section II.D.

¹⁴ These proportions were estimated by B. Kestemont, expert at the Belgian National Institute for Statistics. See also: Kestemont (1999), page 25.

Table 10a : The production table for the local authorities (*estimations in millions of euros*)

	1997	1998	1999	2000	2001	2002
1. Current transactions						
1.1 Current uses						
1.1.1 Intermediate consumption	272.16	309.35	275.14	279.50	368.10	379.20
1.1.4 Other taxes on production						
1.1.2 Compensation of employees	133.57	140.90	145.64	152.13	162.30	163.80
1.1.3 Consumption of fixed capital	100.56	109.23	99.93	102.12	126.93	130.09
1.1.5 Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6 Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00
1.2. Output (cost of production)	506.28	559.48	520.70	533.75	657.33	673.09
1.2.1 Non-environmental output						
1.2.2 Environmental protection output	506.28	559.48	520.70	533.75	657.33	673.09
1.2.2.1 Non-market	130.28	150.67	160.73	165.69	204.05	208.94
1.2.2.2 Market	376.00	408.81	359.97	368.06	453.28	464.15
1.3 Current EP resources	401.72	431.03	389.62	388.02	477.30	480.90
1.3.1 Market output (incl. Partial payments)	376.00	408.81	359.97	386.06	453.28	464.15
1.3.2 Current transfers	25.72	22.22	29.65	19.96	24.01	16.76
2. Capital transactions						
2.1. Gross Fixed Capital Formation	149.93	188.62	206.69	237.71	189.30	164.90
2.2. Other capital uses						
2.3 Investment grants received	81.70	65.81	61.75	65.92	131.34	140.20
2.4 Other capital transfers received						
3 Financing by producers	172.79	251.26	276.03	317.52	237.99	216.88
4 Labour inputs	n.a	n.a.	n.a.	n.a.	n.a.	n.a.
5 Stock of fixed assets	n.a	n.a.	n.a.	n.a.	n.a.	n.a.

Table 10b : The production table for the local authorities (economic accounts and estimation method)

1. Current transactions	Economic accounts and estimation method
1.1 Current uses	
1.1.1 Intermediate consumption	The intermediate consumption for the local authorities is available in the national accounts for the function "05" and includes <ul style="list-style-type: none"> - The intermediate consumption (P.2), - The other taxes on production (D.29) - The current taxes on income wealth, etc. (D.5, which are equal to zero for all the functions) - The adjustment for the change in net equity of households funds reserves (D.8, which is equal to zero for the all functions)
1.1.4 Other taxes on production	
1.1.2 Compensation of employees	The compensation of employees (D.1) is available for the function "05".
1.1.3 Consumption of fixed capital	The amount of fixed capital is not available for the EP function of the local authorities. The National Bank makes the assumption that this amount is equal to zero. Since gross fixed capital formation in EP has not been negligible in the past, this is not really correct. We therefore made a rough estimate on the basis of the CFC/output ratios presented in Eurostat (2002), page 71. We calculated the average ratio for government specialized producers for wastewater and waste, equal to 0.704 and 0.236 respectively, and applied these ratios to the available data on current uses in these domains.
1.1.5 Less other subsidies on production	In the national accounts, the subsidies on production are equal to zero for all local administrations' activities
1.1.6 Net operating surplus	In the national accounts, net operating surplus is equal to zero for all local administrations' activities
1.2. Output (cost of production)	The output is calculated via cost of production, i.e. the sum of intermediate consumption, compensation of employees, taxes less subsidies on production and consumption of fixed capital.
1.2.1 Non-environmental output	
1.2.2 Environmental protection output	
1.2.2.1 Non-market	The non-market output is obtained by subtracting the market output from the total output
1.2.2.2 Market	The market output is the sum of: <ul style="list-style-type: none"> - The sales of non-durable goods and services (16) - The refunding of maintenance works of the public roads and waterways (18) - The local taxes (36) which are considered to be the sales of waste management services (according to the National Bank methodology to build the National Accounts). Market output from 1997 to 2002 was found to be 74.27 %, 73.07 %, 69.13 %, and 68.96 % for the period 2000-2002. For the latter period the share is constant because we had to use the 2000 data as a proxy for 2001 and 2002. The National Bank of Belgium has been working on an analysis of the local governments' accounts for the years 2001 and 2002, but this study was unfortunately not available yet at the time of the construction of the current EPEA tables for Belgium.
1.3 Current EP resources	
1.3.1 Market output (incl. Partial payments)	The partial payments are supposed not to exist
1.3.2 Current transfers	The current transfers received for the EP function (05) are estimated from the current transfers given by the other institutional sectors and on the basis of the environmental tax accounts
2. Capital transactions	
2.1. Gross Fixed Capital Formation	Gross fixed capital formation and other capital uses are available in the National Accounts and consist of the amount of gross fixed capital formation (P.5) and the acquisition less disposal of non financial non-produced assets (K.2)
2.2. Other capital uses	
2.3 Investment grants received	The capital transfers received for the EP function (05) are estimated from the capital transfers given by the other institutional sectors.
2.4 Other capital transfers received	
3 Financing by producers	The financing by producers is equal to the sum of current and capital uses minus current resources and capital transfers.
4 Labour inputs	These data are not available
5 Stock of fixed assets	These data are not available

Table 11 shows the allocation of the totals in the above table to the different environmental domains. This was achieved by making use of the distribution found in the local accounts. It is immediately clear that the largest part of the characteristic services supplied by the local administrations were to be situated in the waste domain. Approximately 80% was allocated to the waste domain between 1997 and 2002. In contrast, the main part, over 80 % of gross fixed capital formation was situated in the water domain. As current expenditure was mainly financed by other sectors, while the local authorities auto-financed investment for the largest part, financing by the local authorities was also highest in the water domain.

Table 11 : Production of environmental Protection Services by the local authorities (mill. of eur)

1997	Local public administration	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.15	1.10	236.72	22.26			11.93	272.16
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	0.50	3.77	94.56	9.52			25.21	133.57
1.1.3	Consumption of fixed capital	0.00	0.00	78.18	22.37			0.00	100.56
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00			0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00			0.00	0.00
1.2	Output (basic price or cost of production)	0.65	4.87	409.46	54.15			37.14	506.28
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	0.65	4.87	409.46	54.15			37.14	506.28
1.2.2.1	non-market	0.60	4.82	40.28	49.71			34.87	130.28
1.2.2.2	Market	0.05	0.05	369.18	4.44			2.28	376.00
1.3	Current environmental protection resources	2.63	0.42	371.9	21.01			6.48	401.72
1.3.1	Market output (including partial payments)	0.05	0.05	369.18	4.44			2.28	376.00
1.3.2	Current transfers	2.58	0.36	2.01	16.57			4.20	25.72
2	Capital transactions								
2.1	Gross fixed capital formation	1.02	0.29	15.50	123.14			9.97	149.93
2.2	Other capital uses								
2.3	Investment grants received	0.80	0.00	12.04	15.86			52.99	81.70
2.4	Other capital transfers received								
3	Financing by producers	-1.6	4.74	41.74	140.43			-12.36	172.79
4	Labor inputs	n.a.	n.a.	n.a.	n.a.			n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.			n.a.	n.a.

1998	Local public administration	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.51	1.13	273.33	21.72			12.66	309.35
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	0.87	3.70	98.55	8.78			29.01	140.90
1.1.3	Consumption of fixed capital	0.00	0.00	87.76	21.47			0.00	109.23
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00			0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00			0.00	0.00
1.2	Output (basic price or cost of production)	1.38	4.82	459.65	51.96			41.67	559.48
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	1.38	4.82	459.65	51.96			41.67	559.48
1.2.2.1	non-market	1.29	4.78	56.99	48.11			39.50	150.67
1.2.2.2	Market	0.09	0.04	402.66	3.85			2.17	408.81
1.3	Current environmental protection resources	1.76	0.70	404.54	16.91			7.12	431.03
1.3.1	Market output (including partial payments)	0.09	0.04	402.66	3.85			2.17	408.81
1.3.2	Current transfers	1.67	0.66	1.88	13.05			4.95	22.22
2	Capital transactions								
2.1	Gross fixed capital formation	1.69	0.40	19.14	158.12			9.28	188.62
2.2	Other capital uses								
2.3	Investment grants received	1.31	0.00	9.97	44.59			9.94	65.81
2.4	Other capital transfers received								
3	Financing by producers	0.00	4.52	64.27	148.58			33.88	251.26
4	Labor inputs	n.a.	n.a.	n.a.	n.a.			n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.			n.a.	n.a.

1999	Local public administration	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.70	1.07	237.20	21.20			14.97	275.14
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	0.92	3.92	98.98	8.05			33.77	145.64
1.1.3	Consumption of fixed capital	0.00	0.00	79.34	20.59			0.00	99.93
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00			0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00			0.00	0.00
1.2	Output (basic price or cost of production)	1.62	4.99	415.52	49.84			48.74	520.70
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	1.62	4.99	415.52	49.84			48.74	520.70
1.2.2.1	non-market	1.54	4.94	61.19	46.52			46.54	160.73
1.2.2.2	Market	0.08	0.05	354.33	3.32			2.20	359.97
1.3	Current environmental protection resources	2.87	2.26	356.92	18.01			9.57	389.62
1.3.1	Market output (including partial payments)	0.08	0.05	354.33	3.32			2.20	359.97
1.3.2	Current transfers	2.79	2.21	2.59	14.69			7.37	29.65
2	Capital transactions								
2.1	Gross fixed capital formation	1.39	0.30	17.71	175.36			11.92	206.69
2.2	Other capital uses								
2.3	Investment grants received	1.34	0.00	23.82	34.09			2.49	61.75
2.4	Other capital transfers received								
3	Financing by producers	-1.19	3.03	52.49	173.11			48.59	276.03
4	Labor inputs	n.a.	n.a.	n.a.	n.a.			n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.			n.a.	n.a.

2000	Local public administration	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.72	1.07	240.55	21.51			15.65	279.50
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	0.97	4.08	103.01	8.37			35.69	152.13
1.1.3	Consumption of fixed capital	0.00	0.00	81.08	21.04			0.00	102.12
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00			0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00			0.00	0.00
1.2	Output (basic price or cost of production)	1.69	5.16	424.64	50.92			51.34	533.75
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	1.69	5.16	424.64	50.92			51.34	533.75
1.2.2.1	non-market	1.61	5.11	62.33	47.54			49.10	165.69
1.2.2.2	Market	0.08	0.05	362.31	3.38			2.24	368.06
1.3	Current environmental protection resources	1.63	2.26	363.89	13.77			6.47	388.02
1.3.1	Market output (including partial payments)	0.08	0.05	362.31	3.38			2.24	368.06
1.3.2	Current transfers	1.55	2.22	1.58	10.39			4.23	19.96
2	Capital transactions								
2.1	Gross fixed capital formation	1.16	0.34	20.33	201.37			14.50	237.71
2.2	Other capital uses								
2.3	Investment grants received	1.52	0.00	19.56	42.92			1.91	65.92
2.4	Other capital transfers received								
3	Financing by producers	-0.30	3.24	61.51	195.60			57.46	317.52
4	Labor inputs	n.a.	n.a.	n.a.	n.a.			n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.			n.a.	n.a.

2001	Local public administration	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.95	1.41	316.80	28.33			20.61	368.10
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	1.04	4.36	109.90	8.93			38.07	162.30
1.1.3	Consumption of fixed capital	0.00	0.00	100.70	26.23			0.00	126.93
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00			0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00			0.00	0.00
1.2	Output (basic price or cost of production)	1.98	5.77	527.40	63.49			58.69	657.33
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	1.98	5.77	527.40	63.49			58.69	657.33
1.2.2.1	Non-market	1.88	5.71	81.20	59.32			55.93	204.05
1.2.2.2	Market	0.10	0.06	446.20	4.17			2.76	453.28
1.3	Current environmental protection resources	1.61	1.93	454.81	4.35			14.61	477.30
1.3.1	Market output (including partial payments)	0.10	0.06	446.20	4.17			2.76	453.28
1.3.2	Current transfers	1.51	1.87	8.60	0.18			11.85	24.01
2	Capital transactions								
2.1	Gross fixed capital formation	0.93	0.27	16.19	160.37			11.55	189.30
2.2	Other capital uses								
2.3	Investment grants received	9.68	0.16	7.44	105.55			8.52	131.34
2.4	Other capital transfers received								
3	Financing by producers	-8.38	3.96	81.34	113.96			47.11	237.99
4	Labor inputs	n.a.	n.a.	n.a.	n.a.			n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.			n.a.	n.a.

2002	Local public administration	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.97	1.46	326.35	29.18			21.24	379.20
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	1.05	4.40	110.91	9.02			38.43	163.80
1.1.3	Consumption of fixed capital	0.00	0.00	103.20	26.89			0.00	130.09
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00			0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00			0.00	0.00
1.2	Output (basic price or cost of production)	2.02	5.85	540.46	65.09			59.66	673.09
1.2.1	Non-environmental output								
1.2.2	Environmental protection output	2.02	5.85	540.46	65.09			59.66	673.09
1.2.2.1	non-market	1.92	5.79	83.57	60.82			56.84	208.94
1.2.2.2	Market	0.10	0.06	456.90	4.27			2.82	464.15
1.3	Current environmental protection resources	0.34	1.73	463.69	4.43			10.72	480.90
1.3.1	Market output (including partial payments)	0.10	0.06	456.90	4.27			2.82	464.15
1.3.2	Current transfers	0.23	1.67	6.80	0.16			7.90	16.76
2	Capital transactions								
2.1	Gross fixed capital formation	0.81	0.24	14.10	139.70			10.06	164.90
2.2	Other capital uses								
2.3	Investment grants received	12.79	0.20	32.77	94.23			0.22	140.20
2.4	Other capital transfers received								
3	Financing by producers	-10.29	4.17	58.10	106.13			58.78	216.88
4	Labor inputs	n.a.	n.a.	n.a.	n.a.			n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.			n.a.	n.a.

4. Compilation for all public administrations

Table 12 presents the resulting production table for the environmental protection services produced by all public administrations together. Between 1997 and 2002 environmental protection output rose by more than 40%. The main part of the total output was produced in the waste domain. During the period 1997 and 2000 the share of waste fluctuated around 58%, while in the period 2001-2002 its share grew to over 60%. Water was the most important domain as concerns gross fixed capital formation. Its share was as high as three quarters of total investment. In 1997 investment in the waste domain was negative due to a disinvestment in the Brussels-Capital region. Apart from 1997, gross fixed capital formation for environmental protection was relatively stable during the period considered. It fluctuated between 270 and 300 millions of euros annually.

Table 12 : Table B Production of environmental Protection Services by the public administrations (mill. of euros)

1997	Public administratons	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	67.55	21.56	306.75	57.27	13.54	1.25	45.55	513.46
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	27.93	11.99	133.42	30.00	1.48	0.84	54.65	260.29
1.1.3	Consumption of fixed capital	0.00	0.00	103.88	61.43	0.00	0.00	0.00	165.31
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	95.48	33.54	544.05	148.70	15.02	2.09	100.19	939.07
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	95.48	33.54	544.05	148.70	15.02	2.09	100.19	939.07
1.2.2.1	non-market	92.94	32.73	171.34	141.77	14.63	2.04	96.27	551.72
1.2.2.2	Market	2.54	0.81	372.72	6.93	0.39	0.05	3.93	387.36
1.3	Current environmental protection resources	2.54	9.91	511.23	389.88	37.70	-2.09	6.08	955.26
1.3.1	Market output (including partial payments)	2.54	0.81	372.72	6.93	0.39	0.05	3.93	387.36
1.3.2	Current transfers	0.00	9.10	138.52	382.95	37.31	-2.14	2.15	567.90
2	Capital transactions								
2.1	Gross fixed capital formation	17.81	2.55	-33.85	163.64	0.55	2.68	11.58	164.96
2.2	Other capital uses								
2.3	Investment grants received	0.00	0.00	0.00	4.79	0.00	-9.23	51.40	46.95
2.4	Other capital transfers received								
3	Financing by producers	110.75	26.18	-1.03	-82.33	-22.13	16.09	54.29	101.82
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1998	Public administratons	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	69.17	13.14	353.05	61.93	9.92	0.25	52.04	559.49
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	31.07	12.99	144.75	32.25	1.66	0.33	63.65	286.70
1.1.3	Consumption of fixed capital	0.00	0.00	117.48	66.30	0.00	0.00	0.00	183.78
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	100.24	26.13	615.28	160.49	11.57	0.58	115.69	1029.97
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	100.24	26.13	615.28	160.49	11.57	0.58	115.69	1029.97
1.2.2.1	non-market	97.74	25.56	208.83	154.00	11.29	0.57	111.72	609.72
1.2.2.2	Market	2.49	0.56	406.44	6.49	0.28	0.01	3.97	420.25
1.3	Current environmental protection resources	2.49	5.37	523.45	401.40	38.81	-0.62	4.64	975.53
1.3.1	Market output (including partial payments)	2.49	0.56	406.44	6.49	0.28	0.01	3.97	420.25
1.3.2	Current transfers	0.00	4.81	117.01	394.90	38.52	-0.63	0.67	555.28
2	Capital transactions								
2.1	Gross fixed capital formation	17.11	5.51	31.35	203.01	0.13	0.33	10.01	267.46
2.2	Other capital uses								
2.3	Investment grants received	0.23	0.00	4.54	29.23	0.00	-7.91	9.98	36.07
2.4	Other capital transfers received								
3	Financing by producers	114.61	26.27	118.64	-67.13	-27.10	9.44	111.09	285.83
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1999	Public administratons	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	63.88	24.99	327.08	64.23	9.22	0.60	54.87	544.86
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	35.20	13.14	146.32	31.93	1.63	0.79	69.25	298.26
1.1.3	Consumption of fixed capital	0.00	0.00	111.72	67.70	0.00	0.00	0.00	179.42
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	99.08	38.13	585.12	163.87	10.85	1.39	124.12	1022.55
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	99.08	38.13	585.12	163.87	10.85	1.39	124.12	1022.55
1.2.2.1	non-market	96.65	37.28	226.71	157.80	10.58	1.35	120.10	650.48
1.2.2.2	Market	2.43	0.85	358.42	6.07	0.26	0.03	4.02	372.07
1.3	Current environmental protection resources	2.43	3.05	482.93	401.63	34.67	-1.79	5.88	928.80
1.3.1	Market output (including partial payments)	2.43	0.85	358.42	6.07	0.26	0.03	4.02	372.07
1.3.2	Current transfers	0.00	2.20	124.52	395.57	34.41	-1.82	1.86	556.73
2	Capital transactions								
2.1	Gross fixed capital formation	15.13	8.21	34.76	199.23	0.10	0.00	12.90	270.33
2.2	Other capital uses								
2.3	Investment grants received	1.13	0.00	6.58	22.90	0.00	0.00	0.00	30.62
2.4	Other capital transfers received								
3	Financing by producers	110.65	43.29	130.37	-61.44	-23.72	3.17	131.14	333.46
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2000	Public administratons	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	88.51	30.05	371.09	67.63	9.28	0.64	75.95	643.17
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	40.36	12.65	159.42	32.67	1.64	0.92	70.61	318.28
1.1.3	Consumption of fixed capital	0.00	0.00	125.20	70.62	0.00	0.00	0.00	195.82
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	128.87	42.70	655.72	170.93	10.92	1.56	146.57	1157.26
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	128.87	42.70	655.72	170.93	10.92	1.56	146.57	1157.26
1.2.2.1	non-market	125.84	41.78	288.04	164.76	10.67	1.53	142.13	774.75
1.2.2.2	Market	3.03	0.92	367.67	6.16	0.25	0.03	4.44	382.51
1.3	Current environmental protection resources	3.03	11.64	462.04	384.75	30.24	-1.27	5.77	896.20
1.3.1	Market output (including partial payments)	3.03	0.92	367.67	6.16	0.25	0.03	4.44	382.51
1.3.2	Current transfers	0.00	10.72	94.37	378.58	29.99	-1.31	1.33	513.69
2	Capital transactions								
2.1	Gross fixed capital formation	21.48	6.89	36.53	224.35	0.10	0.00	15.25	304.60
2.2	Other capital uses								
2.3	Investment grants received	1.13	0.00	7.91	26.14	0.00	0.00	0.00	35.19
2.4	Other capital transfers received								
3	Financing by producers	146.19	37.95	222.29	-15.61	-19.22	2.83	156.04	530.47
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2001	Public administratons	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	62.40	43.87	486.01	65.45	5.53	0.50	79.74	743.49
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	53.90	17.30	179.82	43.13	2.40	0.78	68.42	365.75
1.1.3	Consumption of fixed capital	0.00	0.00	157.14	76.43	0.00	0.00	0.00	233.57
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	116.29	61.16	822.96	185.00	7.93	1.28	148.17	1342.80
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	116.29	61.16	822.96	185.00	7.93	1.28	148.17	1342.80
1.2.2.1	non-market	113.64	59.87	370.19	178.14	7.74	1.23	143.37	874.18
1.2.2.2	Market	2.66	1.29	452.78	6.87	0.19	0.05	4.79	468.63
1.3	Current environmental protection resources	2.66	5.87	555.61	361.38	31.95	-2.31	8.52	963.68
1.3.1	Market output (including partial payments)	2.66	1.29	452.78	6.87	0.19	0.05	4.79	468.63
1.3.2	Current transfers	0.00	4.58	102.84	354.51	31.76	-2.36	3.73	495.05
2	Capital transactions								
2.1	Gross fixed capital formation	11.32	7.51	38.72	208.62	0.09	0.00	14.48	280.74
2.2	Other capital uses								
2.3	Investment grants received	0.96	0.00	0.00	22.84	-0.43	0.00	0.43	23.80
2.4	Other capital transfers received								
3	Financing by producers	124.00	62.80	306.07	9.41	-23.49	3.59	153.69	636.07
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2002	Public administrators	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	35.15	47.38	497.45	55.25	11.10	2.12	92.81	741.25
1.1.4	Other taxes on production								
1.1.2	Compensation of employees	52.79	27.40	175.98	30.34	3.39	3.29	76.41	369.60
1.1.3	Consumption of fixed capital	0.00	0.00	158.93	60.25	0.00	0.00	0.00	219.18
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	87.94	74.78	832.35	145.84	14.49	5.41	169.22	1330.04
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	87.94	74.78	832.35	145.84	14.49	5.41	169.22	1330.04
1.2.2.1	non-market	85.08	72.51	366.09	138.99	14.03	5.19	162.88	844.77
1.2.2.2	Market	2.86	2.27	466.26	6.86	0.47	0.22	6.34	485.27
1.3	Current environmental protection resources	2.86	7.77	549.89	369.28	28.56	-5.00	11.61	964.97
1.3.1	Market output (including partial payments)	2.86	2.27	466.26	6.86	0.47	0.22	6.34	485.27
1.3.2	Current transfers	0.00	5.50	83.64	362.42	28.10	-5.22	5.28	479.70
2	Capital transactions								
2.1	Gross fixed capital formation	13.78	7.57	37.19	198.83	0.01	0.00	12.28	269.66
2.2	Other capital uses								
2.3	Investment grants received	0.00	0.00	17.16	46.63	-0.07	0.00	0.07	63.79
2.4	Other capital transfers received								
3	Financing by producers	98.87	74.58	302.49	-71.24	-13.99	10.41	169.81	570.93
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Table 13 presents an evolution of the shares of the three levels of government in total public environmental protection output (EPOg) and total public investment for environmental protection purposes (EPIg). It is immediately clear that the federal government only played a small role in the production of environmental protection services between 1997 and 2002. Its importance never exceeded 1% for the environmental protection output or environmental protection investment, except for the latter in 1997. In contrast to the federal authorities, the share of the regional authorities increased over the period investigated. As concerns environmental protection output, its share peaked in 2000, after which it fell back to just below 50%. The share of the regions in environmental protection investment increased from below 30% in 1998 to almost 40% in 2002. The share in output and investment of the local authorities decreased during the period under consideration. It nevertheless remained above 50% in 2002, in the case of environmental protection investment even above 60%.

Table 13 : Shares of the three levels of government in total public environmental protection output and investment (in %)

		1997	1998	1999	2000	2001	2002
Federal	EPOg	0.7	0.6	0.6	0.6	0.4	0.4
	EPIg	1.8	0.2	0.1	0.1	0.6	0.5
Regional	EPOg	45.4	45.1	48.4	53.3	50.6	49.0
	EPIg	7.3	29.3	23.4	21.8	32.0	38.3
Local	EPOg	53.9	54.3	50.9	46.1	49.0	50.6
	EPIg	90.9	70.5	76.5	78.0	67.4	61.2

5. The corporations

Production of environmental protection services by the corporations consists of three parts. First, there is the production by the specialized producers of NACE 90¹⁵. Then there is also the secondary production by industries which are not specialised in the production of environmental protection services. This concerns NACE industries 41, 45, 51, 60, 70, 74 and 75. Finally we will also turn to ancillary production, mainly by the manufacturing industry.

a. NACE 90

The main sources used to complete the production table for NACE 90 are the national accounts and the company register “bel-first” compiled by Bureau Van Dijk. The national accounts provide us with the totals for intermediate consumption, other taxes on production, compensation of employees, other subsidies on production, as well as gross fixed capital formation. The data from “bel-first” are used to distribute these totals between water related companies (NACE 90.001) and waste related companies (rest of NACE 90).

Table 14a shows the evolution of the different items of the production table for NACE 90 during the period 1997-2002. Table 14b provides some clarifying comments about the estimation methods.

Table 14a : Table B production of Environmental Protection Services by NACE 90. (millions of euros)

1. Current transactions	1997	1998	1999	2000	2001	2002
1.1 Current uses						
1.1.1 Intermediate consumption	751.70	792.20	929.10	1077.40	1280.20	1408.40
1.1.4 Other taxes on production	23.00	20.20	30.60	22.00	21.90	23.80
1.1.2 Compensation of employees	237.80	254.60	278.70	288.80	329.60	355.40
1.1.3 Consumption of fixed capital	350.36	346.34	330.16	376.29	459.30	351.30
1.1.5 Less other subsidies on production	119.80	90.30	112.40	114.60	137.90	141.00
1.1.6 Net operating surplus	33.14	31.46	92.84	79.01	33.60	195.00
1.2. Output (cost of production)	1276.20	1354.50	1549.00	1728.90	1986.70	2192.90
1.2.1 Non-environmental output	77.00	87.58	95.49	95.19	66.21	55.75
1.2.2 Environmental protection output	1199.20	1266.92	1453.51	1633.71	1920.49	2137.15
1.2.2.1 Non-market	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2.2 Market	1199.20	1266.92	1453.51	1633.71	1920.49	2137.15
1.3 Current EP resources	1393.08	1496.62	1665.89	1957.27	2173.89	2436.50
1.3.1 Market output (incl. Partial payments)	1199.20	1266.92	1453.51	1633.71	1920.49	2137.15
1.3.2 Current transfers	193.88	229.69	212.38	323.55	253.40	299.36
2. Capital transactions						
2.1. Gross Fixed Capital Formation	440.74	351.94	417.64	503.45	623.70	454.70
2.2. Other capital uses						
2.3 Investment grants received	199.09	145.23	145.40	147.38	186.11	179.75
2.4 Other capital transfers received						
3 Financing by producers	47.77	-22.99	59.86	32.51	184.19	-24.41
4 Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5 Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

The total output of NACE 90 has risen by more than 70% between 1997 and 2002. The share of environmental output in total output increased significantly. As a consequence, the rise in environmental output was even higher, almost 80%. The share of intermediate consumption rose from 59% to 64% during the period considered, while the share of the compensation of employees dropped from 19 to 16%. Financing by producers of NACE 90 was negative in 1998 and 2002. This is of course due to the fact that the output of NACE 90 is market output. This implies that if gross fixed capital formation is lower than the sum of current

¹⁵ This sector includes companies which are publicly owned

and capital transfers received, financing by producers becomes negative. Table 14b explains that the value estimated for financing by producers is a lower limit.

Table 14b : Production of Environmental Protection Services by NACE 90: sources and estimation methods

1. Current transactions	
1.1 Current uses	
1.1.1 Intermediate consumption	The intermediate consumption for NACE 90 is available in the national accounts by industry
1.1.4 Other taxes on production	Other taxes on production for NACE 90 is available in the national accounts by industry
1.1.2 Compensation of employees	The compensation of employees for NACE 90 is available in the national accounts by industry
1.1.3 Consumption of fixed capital	The consumption of fixed capital for NACE 90 is available in the national accounts by industry
1.1.5 Less other subsidies on production	Subsidies on production for NACE 90 is available in the national accounts by industry
1.1.6 Net operating surplus	Net operating surplus is equal to the output minus the costs of production plus the net subsidies on production
1.2. Output (cost of production)	The output for NACE 90 is available in the national accounts by industry
1.2.1 Non-environmental output	Non-environmental output is calculated by applying the share of 'other business income' in total output found for companies belonging to NACE 90 in bureau van Dijk (2002) and -(2003) to the figures found in the national accounts.
1.2.2 Environmental protection output	Environmental output is calculated by applying the share of the turnover in total output found for companies belonging to NACE 90 in Bureau van Dijk(2002) or -(2003) to the output figures found in the national accounts
1.2.2.1 Non-market	There is no non-market output
1.2.2.2 Market	The market output is equal to total environmental protection output
1.3 Current EP resources	
1.3.1 Market output (incl. Partial payments)	The partial payments are supposed not to exist
1.3.2 Current transfers	The current transfers received are estimated from the current transfers given by the other institutional sectors presented by function in the national accounts. We assume all transfers to private companies to be given to NACE 90. This means that our estimate concerning current environmental protection resources is an upper limit for this industry. Consequently, our estimate of financing by producers is a lower limit.
2. Capital transactions	
2.1. Gross Fixed Capital Formation	Gross fixed capital formation for NACE 90 is available in the national accounts by industry
2.2. Other capital uses	
2.3 Investment grants received	The capital transfers received are estimated from the capital transfers given by the other institutional sectors presented by function in the national accounts. We assume all investment grants to private companies to be given to NACE 90. This means that our estimate concerning financing by producers is a lower limit.
2.4 Other capital transfers received	
3 Financing by producers	The financing by producers is equal to the sum of current and capital uses minus current resources and capital transfers
4 Labour inputs	These data are not available
5 Stock of fixed assets	These data are not available

The totals in table 14a are broken down between the environmental domains water and waste in table 15. This was achieved using the business register "bel-first". This register contains data allowing the individual split-up of each of the items in the production table. All the data from companies belonging to NACE 90.001 were attributed to the water domain, while the data from all the other companies were attributed to waste.

Over the period 1997-2002 the share of "water" companies in total environmental protection output doubled from around 11% in 1997 to 22% in 2002. Gross fixed capital formation was more balanced between the two environmental domains, except in 2002, a year in which investment by the "water" companies was nearly 70% of total investment by NACE 90. Current transfers and investment grants were both mainly oriented towards "water" companies. As a consequence, financing by producers by "water" companies was negative. This was true for the entire industry in 1998 and 2002. This large amount of transfers was necessary to cover the negative net operating surplus of the "water" companies, of which an important part are publicly owned.

Table 15: Table B for NACE 90 allocated to waste and water (mill.of euros)

1997	NACE90	Waste	Water	Total
1	Current transactions			
1.1	Current uses			
1.1.1	Intermediate consumption	631.50	120.20	751.70
1.1.4	Other taxes on production	21.82	1.18	23.00
1.1.2	Compensation of employees	190.99	46.81	237.80
1.1.3	Consumption of fixed capital	170.73	179.63	350.36
1.1.5	Less other subsidies on production	57.03	62.77	119.80
1.1.6	Net operating surplus	172.84	-139.70	33.14
1.2	Output (basic price or cost of production)	1130.85	145.35	1276.20
1.2.1	Non-environmental output	66.16	10.84	77.00
1.2.2	Environmental protection output	1064.69	134.51	1199.20
1.2.2.1	Non-market	0.00	0.00	0.00
1.2.2.2	Market	1064.69	134.51	1199.20
1.3	Current environmental protection resources	1119.68	273.40	1393.08
1.3.1	Market output (including partial payments)	1064.69	134.51	1199.20
1.3.2	Current transfers	54.99	138.88	193.88
2	Capital transactions			
2.1	Gross fixed capital formation	214.77	225.97	440.74
2.2	Other capital uses			
2.3	Investment grants received	56.47	142.62	199.09
2.4	Other capital transfers received			
3	Financing by producers	103.30	-55.54	47.77
4	Labor inputs	n.a.	n.a.	n.a.
	Stock of fixed assets	n.a.	n.a.	n.a.

1998	NACE90	Waste	Water	Total
1	Current transactions			
1.1	Current uses			
1.1.1	Intermediate consumption	681.74	110.46	792.20
1.1.4	Other taxes on production	18.95	1.25	20.20
1.1.2	Compensation of employees	208.84	45.76	254.60
1.1.3	Consumption of fixed capital	154.10	192.23	346.34
1.1.5	Less other subsidies on production	77.71	12.59	90.30
1.1.6	Net operating surplus	232.83	-201.37	31.46
1.2	Output (basic price or cost of production)	1218.75	135.75	1354.50
1.2.1	Non-environmental output	79.51	8.07	87.58
1.2.2	Environmental protection output	1139.24	127.68	1266.92
1.2.2.1	Non-market	0.00	0.00	0.00
1.2.2.2	Market	1139.24	127.68	1266.92
1.3	Current environmental protection resources	1202.59	294.03	1496.62
1.3.1	Market output (including partial payments)	1139.24	127.68	1266.92
1.3.2	Current transfers	63.35	166.35	229.69
2	Capital transactions			
2.1	Gross fixed capital formation	156.60	195.34	351.94
2.2	Other capital uses			
2.3	Investment grants received	40.05	105.18	145.23
2.4	Other capital transfers received			
3	Financing by producers	53.20	-76.18	-22.99
4	Labor inputs	n.a.	n.a.	n.a.
	Stock of fixed assets	n.a.	n.a.	n.a.

1999	NACE90	Waste	Water	Total
1	Current transactions			
1.1	Current uses			
1.1.1	Intermediate consumption	811.87	117.23	929.10
1.1.4	Other taxes on production	29.02	1.58	30.60
1.1.2	Compensation of employees	227.14	51.56	278.70
1.1.3	Consumption of fixed capital	186.06	144.10	330.16
1.1.5	Less other subsidies on production	67.81	44.59	112.40
1.1.6	Net operating surplus	189.58	-96.74	92.84
1.2	Output (basic price or cost of production)	1375.85	173.15	1549.00
1.2.1	Non-environmental output	89.70	5.79	95.49
1.2.2	Environmental protection output	1286.15	167.36	1453.51
1.2.2.1	Non-market	0.00	0.00	0.00
1.2.2.2	Market	1286.15	167.36	1453.51
1.3	Current environmental protection resources	1344.44	321.45	1665.89
1.3.1	Market output (including partial payments)	1286.15	167.36	1453.51
1.3.2	Current transfers	58.29	154.08	212.38
2	Capital transactions			
2.1	Gross fixed capital formation	235.36	182.28	417.64
2.2	Other capital uses			
2.3	Investment grants received	39.91	105.49	145.40
2.4	Other capital transfers received			
3	Financing by producers	137.16	-77.29	59.86
4	Labor inputs	n.a.	n.a.	n.a.
	Stock of fixed assets	n.a.	n.a.	n.a.

2000	NACE90	Waste	Water	Total
1	Current transactions			
1.1	Current uses			
1.1.1	Intermediate consumption	939.06	138.34	1077.40
1.1.4	Other taxes on production	20.81	1.19	22.00
1.1.2	Compensation of employees	238.04	50.76	288.80
1.1.3	Consumption of fixed capital	176.81	199.48	376.29
1.1.5	Less other subsidies on production	73.80	40.80	114.60
1.1.6	Net operating surplus	239.30	-160.29	79.01
1.2	Output (basic price or cost of production)	1540.23	188.67	1728.90
1.2.1	Non-environmental output	89.76	5.42	95.19
1.2.2	Environmental protection output	1450.46	183.25	1633.71
1.2.2.1	Non-market	0.00	0.00	0.00
1.2.2.2	Market	1450.46	183.25	1633.71
1.3	Current environmental protection resources	1519.98	437.29	1957.27
1.3.1	Market output (including partial payments)	1450.46	183.25	1633.71
1.3.2	Current transfers	69.52	254.04	323.55
2	Capital transactions			
2.1	Gross fixed capital formation	236.56	266.89	503.45
2.2	Other capital uses			
2.3	Investment grants received	31.67	115.72	147.38
2.4	Other capital transfers received			
3	Financing by producers	135.38	-102.87	32.51
4	Labor inputs	n.a.	n.a.	n.a.
	Stock of fixed assets	n.a.	n.a.	n.a.

2001	NACE90	Waste	Water	Total
1	Current transactions			
1.1	Current uses			
1.1.1	Intermediate consumption	1049.41	230.79	1280.20
1.1.4	Other taxes on production	20.48	1.42	21.90
1.1.2	Compensation of employees	251.83	77.77	330
1.1.3	Consumption of fixed capital	223.68	235.62	459.30
1.1.5	Less other subsidies on production	42.08	95.82	137.90
1.1.6	Net operating surplus	177.29	-143.69	33.60
1.2	Output (basic price or cost of production)	1680.62	306.08	1986.70
1.2.1	Non-environmental output	64.44	1.78	66.21
1.2.2	Environmental protection output	1616.18	304.31	1920.49
1.2.2.1	non-market	0.00	0.00	0.00
1.2.2.2	market	1616.18	304.31	1920.49
1.3	Current environmental protection resources	1690.39	473.31	2163.70
1.3.1	Market output (including partial payments)	1616.18	304.31	1920.49
1.3.2	Current transfers	74.22	169.00	243.22
2	Capital transactions			
2.1	Gross fixed capital formation	303.75	319.95	623.70
2.2	Other capital uses			
2.3	Investment grants received	98.90	138.59	237.50
2.4	Other capital transfers received			
3	Financing by producers	130.63	12.36	142.99
4	Labor inputs	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.

2002	NACE90	Waste	Water	Total
1	Current transactions			
1.1	Current uses			
1.1.1	Intermediate consumption	1059.56	348.84	1408.40
1.1.4	Other taxes on production	21.23	2.57	23.80
1.1.2	Compensation of employees	235.33	120.07	355
1.1.3	Consumption of fixed capital	105.67	245.63	351.30
1.1.5	Less other subsidies on production	34.92	106.08	141.00
1.1.6	Net operating surplus	330.94	-135.94	195.00
1.2	Output (basic price or cost of production)	1717.80	475.10	2192.90
1.2.1	Non-environmental output	53.31	2.44	55.75
1.2.2	Environmental protection output	1664.49	472.66	2137.15
1.2.2.1	non-market	0.00	0.00	0.00
1.2.2.2	market	1664.49	472.66	2137.15
1.3	Current environmental protection resources	1733.57	682.50	2416.07
1.3.1	Market output (including partial payments)	1664.49	472.66	2137.15
1.3.2	Current transfers	69.08	209.84	278.93
2	Capital transactions			
2.1	Gross fixed capital formation	136.77	317.93	454.70
2.2	Other capital uses			
2.3	Investment grants received	43.28	148.21	191.49
2.4	Other capital transfers received			
3	Financing by producers	24.41	-40.12	-15.71
4	Labor inputs	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.

b. Secondary producers

The detailed Belgian supply table for the year 2000 revealed that compared with the supply table of 1995 more industries have a secondary production of environmental protection activities. Apart from NACE

industries 60 and 74, which were identified as the secondary producers in the 1995 supply table, secondary production also took place in NACE 41, 45, 51, 70 and 75. We used the 2000 supply table for the period 1998-2002, while the 1995 supply table is supposed to be more representative for 1997.

The 1995 and 2000 supply tables allowed us to calculate a ratio of environmental protection output to the total output for the different secondary producer industries in those two years. These ratios were then applied to the national accounts figures for total output of the industries in order to estimate environmental protection output by these industries.

Whether the companies in the different industries belonged to the waste or the water domain was investigated by making use of the 'Bel-first' business register. The latter provides several NACE codes for individual companies, depending on the mixture of their activities. We thus selected all enterprises bearing both NACE code 60 and 90, as well as the ones belonging both to NACE 74 and NACE 90, NACE 41 and 90, NACE 45 and 90, NACE 51 and 90, NACE 70 and 90 and NACE 75 and 90. For each of these sets of companies we were then able to determine the share of waste and water. As it turned out, all companies belonging to either NACE 51, NACE 60 or NACE 70 were identified as 'waste' companies and all NACE 41 firms as 'water' companies. For the NACE 74 enterprises the share of waste was significantly larger than the share of water, whereas the water share for NACE 75 companies was larger than the share of waste.

The estimated figures for environmental protection output were split into three components, namely intermediate consumption, compensation of employees and other taxes on production on the basis of sectoral national accounts data, assuming the shares of the three components for both the environmental and the non-environmental output were identical to their shares in total output.

Tables 16a and 17a show the evolution of environmental output over the years 1997 until 2002 for NACE 60 and 74. Tables 16b and 17b provide information on the sources and estimation methods used in order to obtain values for each of the items in Table B.

For both of the industries we notice a jump in the values between 1997 and 1998. This is due to the different supply table which was used to estimate environmental protection output in those two years, the 1995 table for 1997 and the 2000 table for 1998. For NACE 60 this entails a sharp drop in environmental protection output, as the share of environmental protection activities in total activity of the industry declined sharply between 1995 and 2000. For NACE 74 the opposite is true. During the 1998-2002 period environmental protection output increased in both industries, in line with total output. The most marked increase was registered for NACE 74, which was also clearly the industry providing the largest share of the environmental protection output.

Table 16a : Table B Production of environmental Protection Services by NACE 60 (mill. of euros)

1. Current transactions	1997	1998	1999	2000	2001	2002
1.1 Current uses						
1.1.1 Intermediate consumption	11.07	4.07	4.34	5.07	5.45	5.57
1.1.4 Other taxes on production	0.14	0.05	0.06	0.05	0.05	0.06
1.1.2 Compensation of employees	7.65	2.82	2.98	3.15	3.41	3.66
1.1.3 Consumption of fixed capital	0.00	0.00	0.00	0.00	0.00	0.00
1.1.5 Less other subsidies on production	0.00	0.04	0.04	0.05	0.04	0.04
1.1.6 Net operating surplus	2.56	1.16	1.09	1.15	1.19	1.10
1.2. Output (cost of production)	21.43	8.05	8.43	9.38	10.06	10.34
1.2.1 Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2 Environmental protection output	21.43	8.05	8.43	9.38	10.06	10.34
1.2.2.1 Non-market	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2.2 Market	21.43	8.05	8.43	9.38	10.06	10.34
1.3 Current EP resources	21.43	8.05	8.43	9.38	10.06	10.34
1.3.1 Market output (incl. Partial payments)	21.43	8.05	8.43	9.38	10.06	10.34
1.3.2 Current transfers	0.00	0.00	0.00	0.00	0.00	0.00
2. Capital transactions						
2.1. Gross Fixed Capital Formation	0.00	0.00	0.00	0.00	0.00	0.00
2.2. Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00
2.3 Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00
2.4 Other capital transfers received	0.00	0.00	0.00	0.00	0.00	0.00
3 Financing by producers	0.00	0.00	0.00	0.00	0.00	0.00
4 Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5 Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Table 16 b : Data estimation

1. Current transactions	
1.1 Current uses	
1.1.1 Intermediate consumption	The intermediate consumption linked to environmental protection output for NACE 60 is estimated on the basis of the share of intermediate consumption in total output for NACE 60 in the national accounts by industry (51.3, 50.5, 51.5, 54.1, 54.2, 53.8% respectively in the years 1997 until 2002)
1.1.4 Other taxes on production	The other taxes on production linked to environmental protection output for NACE 60 is estimated on the basis of the share of intermediate consumption in total output for NACE 60 in the national accounts by industry (0.66, 0.61, 0.70, 0.58, 0.52, 0.55 % respectively in the years 1997 until 2002)
1.1.2 Compensation of employees	The compensation of employees linked to environmental protection output for NACE 60 is estimated on the basis of the share of intermediate consumption in total output for NACE 60 in the national accounts by industry (36.0, 35.0, 35.4, 33.6, 33.9 and 35.3 % respectively in the years 1997 until 2002)
1.1.3 Consumption of fixed capital	Consumption of fixed capital is assumed to be equal to zero, because no investment is attributed specifically to the production of environmental protection services.
1.1.5 Less other subsidies on production	Other subsidies on production linked to environmental protection output for NACE 60 is estimated on the basis of the share of subsidies on production in total output for NACE 60 in the national accounts by industry (0.84, 0.50, 0.47, 0.55, 0.36, 0.35 % respectively in the years 1997-2002)
1.1.6 Net operating surplus	Net operating surplus is equal to the output minus the costs of production plus the net subsidies on production
1.2. Output (cost of production)	For 1997: the output is calculated on the basis of the supply table for 1995, in which we found the share of environmental protection output in total output of NACE 60 to be 0.20%. We then applied this ratio to total output for 1997 to obtain an estimate of environmental protection output. For 1998-2002: We used the same method, but based on the supply table for 2000. The share of environmental protection output in total output of NACE 60 was 0.07%.
1.2.1 Non-environmental output	In contrast to NACE 90 non-environmental output of NACE 60 is not registered because this sector is a non-specialized producer
1.2.2 Environmental protection output	All output registered is environmental protection output.
1.2.2.1 Non-market	There is no non-market output
1.2.2.2 Market	The market output is equal to total environmental protection output
1.3 Current EP resources	
1.3.1 Market output (incl. Partial payments)	The partial payments are supposed not to exist
1.3.2 Current transfers	Current transfers received are zero, because we assume all environmental transfers to private companies to be given to NACE 90. This means that our estimate concerning current environmental protection resources is a lower limit for NACE 60.
2. Capital transactions	
2.1. Gross Fixed Capital Formation	We assume all investments by NACE 60 to serve both the production of environmental and of non-environmental output. As a consequence, no specific investment for environmental output is registered.
2.2. Other capital uses	
2.3 Investment grants received	Investment grants received are zero, because we assume all environmental protection investment grants to private companies to be given to NACE 90.
2.4 Other capital transfers received	Furthermore, we assume no specific investment takes place for environmental output.
3 Financing by producers	The financing by producers is equal to the sum of current and capital uses minus current resources and capital transfers. As all output is market output, and no investment for environmental protection nor any transfers are registered, financing by producers is always zero.
4 Labour inputs	These data are not available.
5 Stock of fixed assets	These data are not available.

Table 17a : Table B Production of environmental Protection Services by NACE 74 (mill. of euros)

1. Current transactions	1997	1998	1999	2000	2001	2002
1.1 Current uses						
1.1.1 Intermediate consumption	79.19	176.73	188.54	229.05	268.92	275.68
1.1.4 Other taxes on production	0.66	1.24	1.31	1.36	1.42	1.53
1.1.2 Compensation of employees	30.64	56.84	62.25	70.24	74.93	76.64
1.1.3 Consumption of fixed capital	0.00	0.00	0.00	0.00	0.00	0.00
1.1.5 Less other subsidies on production	0.00	1.49	1.48	2.21	1.99	2.04
1.1.6 Net operating surplus	41.29	73.83	76.16	82.30	83.38	86.96
1.2. Output (cost of production)	151.79	307.16	326.78	380.75	426.65	438.78
1.2.1 Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2 Environmental protection output	151.79	307.16	326.78	380.75	426.65	438.78
1.2.2.1 Non-market	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2.2 Market	151.79	307.16	326.78	380.75	426.65	438.78
1.3 Current EP resources	151.79	307.16	326.78	380.75	426.65	438.78
1.3.1 Market output (incl. Partial payments)	151.79	307.16	326.78	380.75	426.65	438.78
1.3.2 Current transfers	0.00	0.00	0.00	0.00	0.00	0.00
2. Capital transactions						
2.1. Gross Fixed Capital Formation	0.00	0.00	0.00	0.00	0.00	0.00
2.2. Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00
2.3 Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00
2.4 Other capital transfers received	0.00	0.00	0.00	0.00	0.00	0.00
3 Financing by producers	0.00	0.00	0.00	0.00	0.00	0.00
4 Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5 Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Table 17b : Economic accounts and data estimation for NACE 74

1. Current transactions	
1.1 Current uses	
1.1.1 Intermediate consumption	The intermediate consumption linked to environmental protection output for NACE 74 is estimated on the basis of the share of intermediate consumption in total output for NACE 74 in the national accounts by industry (57.9, 57.5, 57.7, 60.2, 63.0, 62.8% respectively in the years 1997 until 2002)
1.1.4 Other taxes on production	The other taxes on production linked to environmental protection output for NACE 74 is estimated on the basis of the share of intermediate consumption in total output for NACE 74 in the national accounts by industry (0.38, 0.40, 0.40, 0.36, 0.33, 0.35 % respectively in the years 1997 until 2002)
1.1.2 Compensation of employees	The compensation of employees linked to environmental protection output for NACE 74 is estimated on the basis of the share of intermediate consumption in total output for NACE 74 in the national accounts by industry (18.2, 18.5, 19.0, 18.4, 17.6 and 17.5 % respectively in the years 1997 and 2002)
1.1.3 Consumption of fixed capital	Consumption of fixed capital is assumed to be equal to zero, because no investment is attributed specifically to the production of environmental protection services.
1.1.5 Less other subsidies on production	Other subsidies on production linked to environmental protection output for NACE 74 are estimated on the basis of the share of intermediate consumption in total output for NACE 74 in the national accounts by industry (0.52, 0.48, 0.45, 0.58, 0.47, 0.46% respectively in the years 1997-2002)
1.1.6 Net operating surplus	Net operating surplus is equal to the output minus the costs of production plus the net subsidies on production.
1.2. Output (cost of production)	For 1997: the output is calculated on the basis of the supply table for 1995, in which we found the share of environmental protection output in total output of NACE 74 to be 0.43%. We then applied this ratio to total output for 1997 to obtain an estimate of environmental protection output. For 1998-2002: We used the same method, but on the basis of the supply table for 2000. The share of environmental protection output in total output of NACE 74 was 0.68%.
1.2.1 Non-environmental output	In contrast to NACE 90 non-environmental output of NACE 74 is not registered, because this sector is a non-specialized producer.
1.2.2 Environmental protection output	All output registered is environmental protection output
1.2.2.1 Non-market	There is no non-market output
1.2.2.2 Market	The market output is equal to total environmental protection output.
1.3 Current EP resources	
1.3.1 Market output (incl. Partial payments)	The partial payments are supposed not to exist
1.3.2 Current transfers	Current transfers received are zero, because we assume all environmental transfers to private companies to be given to NACE 90. This means that our estimate concerning current environmental protection resources is a lower limit for NACE 74.
2. Capital transactions	
2.1. Gross Fixed Capital Formation	We assume all investments by NACE 74 to serve both the production of environmental and of non-environmental output. As a consequence, no specific investment for environmental output is registered
2.2. Other capital uses	
2.3 Investment grants received	Investments grants received are zero, because we assume all environmental protection investment grants to private companies to be given to NACE 90
2.4 Other capital transfers received	Furthermore, we assume no specific investment takes place for environmental output.
3 Financing by producers	The financing by producers is equal to the sum of current and capital uses minus current resources and capital transfers. As all output is market output, and no investment for environmental protection nor any transfers are registered, financing by producers is always zero.
4 Labour inputs	These data are not available
5 Stock of fixed assets	These data are not available

Tables 18 to 22 present the evolution of environmental protection output between 1998 and 2002 for NACE 41, 45, 51, 70 and 75 respectively. Table 23 provides some clarifying comments for NACE 41. Although the figures are different the methodology is representative for all industries.

Just like was the case for NACE 60 and 74 environmental output increased in line with total output between 1998 and 2002 for all these industries. NACE 75 provided almost as much environmental protection output as NACE 74, at the start of the period even more. Together these two industries provided 85% of total environmental protection output by the secondary producers in 2002. With NACE 45 providing another 10%, it is clear that the environmental protection output by NACE 41, 51, 60 and 70 was all but marginal.

Table 18 : Table B Production of Environmental Protection Services by NACE 41 (millions of euros)

	1998	1999	2000	2001	2002
1. Current transactions					
1.1 Current uses					
1.1.1 Intermediate consumption	1.54	1.46	2.04	2.18	2.20
1.1.4 Other taxes on production	0.2	0.22	0.22	0.16	0.17
1.1.2 Compensation of employees	3.00	2.99	3.09	3.30	3.33
1.1.3 Consumption of fixed capital	0.00	0.00	0.00	0.00	0.00
1.1.5 Less other subsidies on production	0.10	0.10	0.06	0.05	0.05
1.1.6 Net operating surplus	1.70	1.77	1.84	1.38	1.55
1.2. Output (cost of production)	6.34	6.35	7.12	6.97	7.20
1.2.1 Non-environmental output	0.00	0.00	0.00	0.00	0.00
1.2.2 Environmental protection output	6.34	6.35	7.12	6.97	7.20
1.2.2.1 Non-market	0.00	0.00	0.00	0.00	0.00
1.2.2.2 Market	6.34	6.35	7.12	6.97	7.20
1.3 Current EP resources	6.34	6.35	7.12	6.97	7.20
1.3.1 Market output (incl. Partial payments)	6.34	6.35	7.12	6.97	7.20
1.3.2 Current transfers	0.00	0.00	0.00	0.00	0.0
2. Capital transactions					
2.1. Gross Fixed Capital Formation	0.00	0.00	0.00	0.00	0.00
2.2. Other capital uses					
2.3 Investment grants received	0.00	0.00	0.00	0.00	0.00
2.4 Other capital transfers received	0.00	0.00	0.00	0.00	0.00
3 Financing by producers	0.00	0.00	0.00	0.00	0.00
4 Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.
5 Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.

Table 19 : Table B Production of environmental protection services by NACE 45 (millions of euros)

	1998	1999	2000	2001	2002
1. Current transactions					
1.1 Current uses					
1.1.1 Intermediate consumption	55.94	61.44	66.71	67.76	68.34
1.1.4 Other taxes on production	0.18	0.22	0.36	0.24	0.26
1.1.2 Compensation of employees	14.97	16.28	17.10	17.80	18.16
1.1.3 Consumption of fixed capital	0.00	0.00	0.00	0.00	0.00
1.1.5 Less other subsidies on production	0.08	0.08	0.04	0.05	0.05
1.1.6 Net operating surplus	11.92	12.80	13.04	13.01	12.92
1.2. Output (cost of production)	82.93	90.65	97.18	98.75	99.62
1.2.1 Non-environmental output	0.00	0.00	0.00	0.00	0.00
1.2.2 Environmental protection output	82.93	90.65	97.18	98.75	99.62
1.2.2.1 Non-market	0.00	0.00	0.00	0.00	0.00
1.2.2.2 Market	82.93	90.65	97.18	98.75	99.62
1.3 Current EP resources	82.93	90.65	97.18	98.75	99.62
1.3.1 Market output (incl. Partial payments)	82.93	90.65	97.18	98.75	99.62
1.3.2 Current transfers	0.00	0.00	0.00	0.00	0.00
2. Capital transactions	0.00	0.00	0.00	0.00	0.00
2.1. Gross Fixed Capital Formation	0.00	0.00	0.00	0.00	0.00
2.2. Other capital uses					
2.3 Investment grants received	0.00	0.00	0.00	0.00	0.00
2.4 Other capital transfers received					
3 Financing by producers	0.00	0.00	0.00	0.00	0.00
4 Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.
5 Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.

Table 20 : Table B Production of environmental protection services by NACE 51 (millions of euros)

	1998	1999	2000	2001	2002
1. Current transactions					
1.1 Current uses					
1.1.1 Intermediate consumption	12.85	16.53	22.73	23.09	23.76
1.1.4 Other taxes on production	0.20	0.02	0.05	0.21	0.23
1.1.2 Compensation of employees	5.51	5.79	6.01	6.45	6.75
1.1.3 Consumption of fixed capital	0.00	0.00	0.00	0.00	0.00
1.1.5 Less other subsidies on production	0.04	0.03	0.02	0.00	0.00
1.1.6 Net operating surplus	3.83	4.25	4.57	4.40	3.99
1.2. Output (cost of production)	22.34	26.55	33.34	34.15	34.72
1.2.1 Non-environmental output	0.00	0.00	0.00	0.00	0.00
1.2.2 Environmental protection output	22.34	26.55	33.34	34.15	34.72
1.2.2.1 Non-market	0.00	0.00	0.00	0.00	0.00
1.2.2.2 Market	22.34	26.55	33.34	34.15	34.72
1.3 Current EP resources	22.34	26.55	33.34	34.15	34.72
1.3.1 Market output (incl. Partial payments)	22.34	26.55	33.34	34.15	34.72
1.3.2 Current transfers	0.00	0.00	0.00	0.00	0.00
2. Capital transactions	0.00	0.00	0.00	0.00	0.00
2.1.Gross Fixed Capital Formation	0.00	0.00	0.00	0.00	0.00
2.2. Other capital uses					
2.3 Investment grants received	0.00	0.00	0.00	0.00	0.00
2.4 Other capital transfers received					
3 Financing by producers	0.00	0.00	0.00	0.00	0.00
4 Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.
5 Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.

Table 21 : Table B Production of environmental protection output by NACE 70 (millions of euros)

	1998	1999	2000	2001	2002
1.Current transactions					
1.1 Current uses					
1.1.1 Intermediate consumption	0.003	0.003	0.003	0.004	0.004
1.1.4 Other taxes on production	0.001	0.001	0.001	0.001	0.001
1.1.2 Compensation of employees	0.0002	0.0003	0.0003	0.0003	0.0003
1.1.3 Consumption of fixed capital	0.00	0.00	0.00	0.00	0.00
1.1.5 Less other subsidies on production	0.0001	0.0001	0.0001	0.0001	0.0001
1.1.6 Net operating surplus	0.0094	0.0097	0.0103	0.0105	0.0109
1.2. Output (cost of production)	0.0137	0.0141	0.0148	0.0155	0.0160
1.2.1 Non-environmental output	0.00	0.00	0.00	0.00	0.00
1.2.2 Environmental protection output	0.0137	0.0141	0.0148	0.0155	0.0160
1.2.2.1 Non-market	0.00	0.00	0.00	0.00	0.00
1.2.2.2 Market	0.0137	0.0141	0.0148	0.0155	0.0160
1.3 Current EP resources	0.0137	0.0141	0.0148	0.0155	0.0160
1.3.1 Market output (incl. Partial payments)	0.0137	0.0141	0.0148	0.0155	0.0160
1.3.2 Current transfers	0.0	0.0	0.0	0.0	0.0
2. Capital transactions					
2.1.Gross Fixed Capital Formation	0.0	0.0	0.0	0.0	0.0
2.2. Other capital uses	0.0	0.0	0.0	0.0	0.0
2.3 Investment grants received	0.0	0.0	0.0	0.0	0.0
2.4 Other capital transfers received					
3 Financing by producers	0.0	0.0	0.0	0.0	0.0
4 Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.
5 Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.

Table 22 : Table B Production of environmental protection services by NACE 75 (millions of euros)

1. Current transactions	1998	1999	2000	2001	2002
1.1 Current uses					
1.1.1 Intermediate consumption	80.32	86.20	92.60	99.39	103.57
1.1.4 Other taxes on production	0.00	0.00	0.00	0.00	0.00
1.1.2 Compensation of employees	213.43	227.32	235.97	245.89	255.39
1.1.3 Consumption of fixed capital	0.00	0.00	0.00	0.00	0.00
1.1.5 Less other subsidies on production	0.00	0.00	0.00	0.00	0.00
1.1.6 Net operating surplus	41.52	42.39	46.94	47.72	49.15
1.2. Output (cost of production)	335.28	355.92	375.50	393.00	408.11
1.2.1 Non-environmental output	0.00	0.00	0.00	0.00	0.00
1.2.2 Environmental protection output	335.28	355.92	375.50	393.00	408.11
1.2.2.1 Non-market	0.00	0.00	0.00	0.00	0.00
1.2.2.2 Market	335.28	355.92	375.50	393.00	408.11
1.3 Current EP resources	335.28	355.92	375.50	393.00	408.11
1.3.1 Market output (incl. Partial payments)	335.28	355.92	375.50	393.00	408.11
1.3.2 Current transfers	0.00	0.00	0.00	0.00	0.00
2. Capital transactions					
2.1.Gross Fixed Capital Formation	0.00	0.00	0.00	0.00	0.00
2.2. Other capital uses					
2.3 Investment grants received	0.00	0.00	0.00	0.00	0.00
2.4 Other capital transfers received	0.00	0.00	0.00	0.00	0.00
3 Financing by producers	0.00	0.00	0.00	0.00	0.00
4 Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.
5 Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.

The methodology used to obtain the values for the newly identified secondary producer industries is similar to the methodology used for NACE 60 and 74. We will therefore limit ourselves to a description for NACE 41.

Table 23 : Table B for NACE 41: Sources and estimation methods

1. Current transactions	
1.1 Current uses	
1.1.1 Intermediate consumption	The intermediate consumption linked to environmental protection output for output NACE 41 is estimated on the basis of the share of intermediate consumption in total output for NACE 41 in the national accounts by industry (24.2, 23.1, 28.6, 31.3, and 30.6% respectively in the years from 1998 until 2002).
1.1.4 Other taxes on production	The other taxes on production linked to environmental protection output for NACE 41 are estimated on the basis of the share of other taxes on production in total output for NACE 41 in the national accounts by industry (3.1, 3.5, 3.1, 2.2, and 2.3% respectively in the years from 1998 until 2002)
1.1.2 Compensation of employees	The compensation of employees linked to environmental protection output for NACE 41 is estimated on the basis of the share of compensation of employees in total output for NACE 41 in the national accounts by industry (47.4, 47.1, 43.0, 47.4, and 46.3 % respectively in the years from 1998 until 2002)
1.1.3 Consumption of fixed capital	Consumption of fixed capital is assumed to be equal to zero because no investment is attributed specifically to the production of environmental protection services.
1.1.5 Less other subsidies on production	Other subsidies on production linked to environmental protection output for NACE 41 is estimated on the basis of the share of other subsidies on production in total output for NACE 41 in the national accounts by industry (1.6, 1.6, 0.9, 0.7, and 0.7% respectively in the years from 1998 until 2002)
1.1.6 Net operating surplus	Net operating surplus is equal to the output minus the costs of production plus the net subsidies on production.
1.2. Output (cost of production)	The output is calculated on the basis of the supply table for 2000, in which we found the share of environmental protection output in total output of NACE 41 to be 0.77%. We applied this ratio to total output in the period 1998 –2002 in order to obtain an estimate of environmental protection output during that period.
1.2.1 Non-environmental output	In contrast to NACE 90 non-environmental output of NACE 41 is not registered, because this sector is a non-specialized producer.
1.2.2 Environmental protection output	All output registered is environmental protection output
1.2.2.1 Non-market	There is no non-market output
1.2.2.2 Market	The market output is equal to total environmental protection output.
1.3 Current EP resources	
1.3.1 Market output (incl. Partial payments)	The partial payments are supposed not to exist
1.3.2 Current transfers	Current transfers received are zero, because we assume all environmental transfers to private companies to be given to NACE 90. This means that our estimate concerning current environmental protection resources is a lower limit for NACE 41.
2. Capital transactions	
2.1. Gross Fixed Capital Formation	We assume all investments by NACE 41 to serve both the production of environmental and of non-environmental output; As a consequence, no-specific investment for environmental output is registered
2.2. Other capital uses	
2.3 Investment grants received	Investments grants received are zero, because we assume all environmental protection investment grants to private companies to be given to NACE 90
2.4 Other capital transfers received	Furthermore, we assume no specific investment takes place for environmental output.
3 Financing by producers	The financing by producers is equal to the sum of current and capital uses minus current resources and capital transfers. As all output is market output, and no investment for environmental protection nor any transfers are registered, financing by producers is always zero.
4 Labour inputs	
These data are not available	
5 Stock of fixed assets	
These data are not available	

Table 24 shows the final result concerning environmental protection output by all secondary producers. Between 1997 and 2002 output increased substantially. This is of course due to the fact that as of 1998 more industries are included in the table. The increase between 1998 and 2002 is entirely due to the increase of total output by the secondary producers. The largest part of their output consisted of intermediate consumption, and apart from 1997 about 60% was devoted to waste and 40% to water.

Table 24 : Table B Production of Environmental Protection Services by the secondary producers (mill. of euros)

1997	Secondary production	Waste	Water	Total
1	Current transactions			
1.1	Current uses			
1.1.1	Intermediate consumption	74.24	16.03	90.27
1.1.4	Other taxes on production	0.67	0.13	0.80
1.1.2	Compensation of employees	32.09	6.20	38.29
1.1.3	Consumption of fixed capital	0.00	0.00	0.00
1.1.5	Less other subsidies on production	0.00	0.00	0.00
1.1.6	Net operating surplus	35.50	8.36	43.86
1.2.2	Environmental protection output	142.50	30.72	173.22

1998	Secondary production	Waste	Water	Total
1	Current transactions			
1.1	Current uses			
1.1.1	Intermediate consumption	211.92	119.53	331.45
1.1.4	Other taxes on production	1.12	0.74	1.87
1.1.2	Compensation of employees	159.93	136.63	296.57
1.1.3	Consumption of fixed capital	0.00	0.00	0.00
1.1.5	Less other subsidies on production	1.65	0.10	1.75
1.1.6	Net operating surplus	103.70	30.27	133.97
1.2.2	Environmental protection output	475.04	287.07	762.11

1999	Secondary production	Waste	Water	Total
1	Current transactions			
1.1	Current uses			
1.1.1	Intermediate consumption	230.60	127.92	358.52
1.1.4	Other taxes on production	1.03	0.80	1.83
1.1.2	Compensation of employees	171.93	145.68	317.61
1.1.3	Consumption of fixed capital	0.00	0.00	0.00
1.1.5	Less other subsidies on production	1.63	0.10	1.73
1.1.6	Net operating surplus	107.81	30.65	138.46
1.2.2	Environmental protection output	509.74	304.95	814.69

2000	Secondary production	Waste	Water	Total
1	Current transactions			
1.1	Current uses			
1.1.1	Intermediate consumption	271.83	146.38	418.21
1.1.4	Other taxes on production	1.23	0.81	2.05
1.1.2	Compensation of employees	183.33	152.23	335.56
1.1.3	Consumption of fixed capital	0.00	0.00	0.00
1.1.5	Less other subsidies on production	2.32	0.06	2.38
1.1.6	Net operating surplus	117.65	32.21	149.85
1.2.2	Environmental protection output	571.72	331.56	903.28

2001	Secondary production	Waste	Water	Total
1	Current transactions			
1.1	Current uses			
1.1.1	Intermediate consumption	302.88	163.91	466.79
1.1.4	Other taxes on production	1.30	0.78	2.07
1.1.2	Compensation of employees	192.76	159.01	351.77
1.1.3	Consumption of fixed capital	0.00	0.00	0.00
1.1.5	Less other subsidies on production	2.09	0.05	2.14
1.1.6	Net operating surplus	121.49	29.60	151.09
1.2.2	Environmental protection output	616.35	353.24	969.59

2002	Secondary production	Waste	Water	Total
1	Current transactions			
1.1	Current uses			
1.1.1	Intermediate consumption	336.36	142.78	479.14
1.1.4	Other taxes on production	1.53	0.71	2.24
1.1.2	Compensation of employees	156.45	207.47	363.92
1.1.3	Consumption of fixed capital	0.00	0.00	0.00
1.1.5	Less other subsidies on production	2.13	0.05	2.18
1.1.6	Net operating surplus	105.20	50.48	155.68
1.2.2	Environmental protection output	597.42	401.38	998.80

c. Ancillary producers

Ancillary production concerns in-house environmental protection expenditure by companies. Both current expenditure and investment are dealt with. The data concerning current expenditure are based on a survey by the National Statistical Institute for the years 1999 and 2001. The data concerning investment are based on the structural business survey. Separate data have been compiled for NACE industries 10-14, 15-16, 17-19, 20, 21-22, 23, 24-25, 26, 27, 28-36, and 40¹⁶. However, for NACE 40 separate data were not available for 1997. Instead we used figures for NACE industry 40-41.

As concerns current expenditure (or environmental protection output) only the 1999 and the 2001 data were directly gathered from the companies. For 2001 only the total was available for each industry, so we had to use the 1999 distribution over the environmental domains for the entire period considered. We estimated the values for 1997, 1998, 2000 and 2002 assuming current ancillary environmental protection expenditure to have perfectly co-moved with each industry's total output. In other words, we applied output growth figures to the figures for current expenditure. The 1999 figures were used as the starting point for the years 1997, 1998 and 2000, while the 2001 figures were used as the starting point for 2002. Current expenditure was then split into its different components (intermediate consumption, compensation of employees,...) on the basis of these components' share in each industry's total output.

Concerning investment data on the basis of the structural business survey were available for the period 1997-2001, albeit that for 2001 only the total by industry was available. We applied the 2000 distribution over the environmental domains to the 2001 industry totals. 2002 values were estimated assuming a fixed ratio between investment for environmental protection and total investment, starting from the 2001 values.

Table 25a shows the evolution of ancillary production of environmental protection services. A constant increase can be ascertained from 1997 until 2001. This last year environmental protection output by ancillary producers peaked after an increase of over a quarter in one year. Against that background the decrease in 2002 is not amazing. The share of intermediate consumption rose from 71% in 1997 to 78% in 2002, at the expense of the compensation of employees. Gross fixed capital formation slumped during 1999-2000, but in 2001 and 2002 investment for environmental protection resumed vigorously. As a consequence, financing by the ancillary producers was about 50% higher during these two years than in the rest of the period investigated.

¹⁶ All these data were kindly provided to us by Bruno Kestemont of the National Statistical Institute

Table 25a : Table B Production of environmental Protection Services by ancillary producers (mill. of euro)

	1997	1998	1999	2000	2001	2002
1. Current transactions						
1.1 Current uses						
1.1.1 Intermediate consumption	327.56	334.57	344.59	442.86	593.82	558.10
1.1.4 Other taxes on production	2.85	2.61	2.81	3.30	3.36	3.43
1.1.2 Compensation of employees	96.19	95.39	164.54	98.27	116.97	112.62
1.1.3 Consumption of fixed capital	37.25	39.97	52.07	44.46	40.01	37.86
1.1.5 Less other subsidies on production	0.54	0.73	0.73	1.75	0.00	0.82
1.1.6 Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00
1.2. Output (cost of production)	463.30	471.81	563.28	587.15	754.16	711.17
1.2.1 Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2 Environmental protection output	463.30	471.81	563.28	587.15	754.16	711.17
1.2.2.1 Non-market	463.30	471.81	563.28	587.15	754.16	711.17
1.2.2.2 Market	0.00	0.00	0.00	0.00	0.00	0.00
1.3 Current EP resources	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1 Market output (incl. Partial payments)	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2 Current transfers	0.00	0.00	0.00	0.00	0.00	0.00
2. Capital transactions						
2.1. Gross Fixed Capital Formation	341.76	364.49	254.01	220.41	469.93	446.61
2.2. Other capital uses						
2.3 Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00
2.4 Other capital transfers received						
3 Financing by producers	805.06	836.30	817.30	807.56	1224.09	1157.78
4 Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5 Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Table 25b describes the sources and estimation methods used for each of the Table B items.

Table 25b : Table B Production of environmental Protection Services by ancillary producers : Sources and estimation methods

1. Current transactions	
1.1 Current uses	
1.1.1 Intermediate consumption	The intermediate consumption linked to environmental protection output is estimated on the basis of the share of intermediate consumption in total output in the national accounts by industry
1.1.4 Other taxes on production	The other taxes on production linked to environmental protection output are estimated on the basis of the share of other taxes on production in total output in the national accounts by industry
1.1.2 Compensation of employees	The compensation of employees linked to environmental protection output is estimated on the basis of the share of the compensation of employees in total output in the national accounts by industry
1.1.3 Consumption of fixed capital	Consumption of fixed capital linked to environmental protection output is estimated on the basis of the share of the consumption of fixed capital in total output in the national accounts by industry
1.1.5 Less other subsidies on production	Other subsidies on production linked to environmental protection output is estimated on the basis of the share of other subsidies on production in total output in the national accounts by industry
1.1.6 Net operating surplus	Net operating surplus is equal to the output minus the costs of production plus the net subsidies on production.
1.2. Output (cost of production)	
1.2.1 Non-environmental output	All ancillary output is environmental output
1.2.2 Environmental protection output	All output registered is environmental output
1.2.2.1 Non-market	Ancillary output is by definition non-market output
1.2.2.2 Market	Ancillary output is by definition non-market output
1.3 Current EP resources	
1.3.1 Market output (incl. Partial payments)	Ancillary output is by definition non-market output
1.3.2 Current transfers	Current transfers received are zero, because we assume all environmental transfers to private companies to be given to NACE 90. This means that our estimate concerning current environmental protection resources is a lower limit
2. Capital transactions	
2.1. Gross Fixed Capital Formation	Investment for environmental protection is based on the structural business survey
2.2. Other capital uses	
2.3 Investment grants received	Investment grants are zero, because we assume all environmental protection investment grants to be given to NACE 90
2.4 Other capital transfers received	
3 Financing by producers	The financing by producers is equal to the sum of current and capital uses minus current resources and capital transfers. Since we assume the ancillary producers not to receive any transfers, the estimate is an upper limit
4 Labour inputs	n.a.
5 Stock of fixed assets	n.a.

Table 26 shows how ancillary production of environmental protection services was distributed across the different environmental domains. Environmental protection output was mainly focused on waste, water and other (which for the major part consists of administrative costs). The shares of waste and water increased from below 30% to almost one third in 2002, at the expense of the share of other, which fell from a quarter to less than 20%. About 15% of current environmental protection expenditure by the ancillary producers was devoted to air protection. Investment was mainly allocated to water and air, each absorbing around 40% of total gross fixed capital formation.

Table 26 : Table B for ancillary producers allocated to environmental domains (mill. of euros)

1997	Ancillary production	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	7.77	98.00	96.75	52.01	0.00	73.03	327.56
1.1.4	Other taxes on production	0.00	0.05	0.64	0.84	0.39	0.00	0.94	2.85
1.1.2	Compensation of employees	0.00	2.10	23.58	28.44	14.56	0.00	27.50	96.19
1.1.3	Consumption of fixed capital	0.00	0.44	7.92	10.00	4.19	0.00	14.71	37.25
1.1.5	Less other subsidies on production	0.00	0.01	0.20	0.14	0.08	0.00	0.11	0.54
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	10.34	129.94	135.89	71.06	0.00	116.07	463.30
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	10.34	129.94	135.89	71.06	0.00	116.07	463.30
1.2.2.1	non-market	0.00	10.34	129.94	135.89	71.06	0.00	116.07	463.30
1.2.2.2	Market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	38.03	148.85	140.94	0.00	13.94	341.76
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	10.34	167.97	284.74	212.00	0.00	130.01	805.06
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1998	Ancillary production	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	8.13	97.15	99.92	53.90	0.00	75.47	334.57
1.1.4	Other taxes on production	0.00	0.04	0.60	0.78	0.36	0.00	0.83	2.61
1.1.2	Compensation of employees	0.00	2.13	23.59	28.31	14.62	0.00	26.74	95.39
1.1.3	Consumption of fixed capital	0.00	0.49	8.48	10.82	4.60	0.00	15.58	39.97
1.1.5	Less other subsidies on production	0.00	0.02	0.32	0.17	0.12	0.00	0.10	0.73
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	10.78	129.50	139.65	73.36	0.00	118.52	471.81
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	10.78	129.50	139.65	73.36	0.00	118.52	471.81
1.2.2.1	non-market	0.00	10.78	129.50	139.65	73.36	0.00	118.52	471.81
1.2.2.2	Market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	53.23	115.11	186.89	0.00	9.27	364.49
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	10.78	182.73	254.76	260.25	0.00	127.78	836.30
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1999	Ancillary production	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	8.48	102.81	101.80	55.51	0.00	75.99	344.59
1.1.4	Other taxes on production	0.00	0.05	0.67	0.85	0.39	0.00	0.85	2.81
1.1.2	Compensation of employees	0.00	2.22	52.26	58.25	24.45	0.00	27.36	164.54
1.1.3	Consumption of fixed capital	0.00	0.53	9.03	18.55	6.87	0.00	17.08	52.07
1.1.5	Less other subsidies on production	0.00	0.02	0.32	0.18	0.12	0.00	0.10	0.73
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	11.26	164.45	179.28	87.11	0.00	121.18	563.28
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	11.26	164.45	179.28	87.11	0.00	121.18	563.28
1.2.2.1	non-market	0.00	11.26	164.45	179.28	87.11	0.00	121.18	563.28
1.2.2.2	Market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	36.35	107.23	102.65	0.00	7.78	254.01
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	11.26	200.80	286.51	189.76	0.00	128.96	817.30
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2000	Ancillary production	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	10.80	138.56	128.22	70.73	0.00	94.56	442.86
1.1.4	Other taxes on production	0.00	0.05	0.75	0.97	0.44	0.00	1.08	3.30
1.1.2	Compensation of employees	0.00	2.31	24.39	29.40	15.49	0.00	26.68	98.27
1.1.3	Consumption of fixed capital	0.00	0.57	9.25	12.06	5.20	0.00	17.37	44.46
1.1.5	Less other subsidies on production	0.00	0.02	0.64	0.60	0.25	0.00	0.25	1.75
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	13.72	172.31	170.06	91.61	0.00	139.45	587.15
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	13.72	172.31	170.06	91.61	0.00	139.45	587.15
1.2.2.1	non-market	0.00	13.72	172.31	170.06	91.61	0.00	139.45	587.15
1.2.2.2	Market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	39.52	82.18	90.87	0.00	7.84	220.41
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	13.72	211.83	252.24	182.48	0.00	147.29	807.56
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2001	Ancillary production	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	10.95	203.56	187.73	88.85	0.00	102.72	593.82
1.1.4	Other taxes on production	0.00	0.05	0.94	1.12	0.49	0.00	0.77	3.36
1.1.2	Compensation of employees	0.00	2.44	32.16	39.94	19.00	0.00	23.43	116.97
1.1.3	Consumption of fixed capital	0.00	0.61	10.28	13.05	5.66	0.00	10.40	40.01
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	14.06	246.94	241.84	114.00	0.00	137.32	754.16
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	14.06	246.94	241.84	114.00	0.00	137.32	754.16
1.2.2.1	non-market	0.00	14.06	246.94	241.84	114.00	0.00	137.32	754.16
1.2.2.2	Market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	68.33	222.43	155.55	0.00	23.62	469.93
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	14.06	315.26	464.27	269.55	0.00	160.94	1224.09
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2002	Ancillary production	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	10.23	190.86	177.16	83.68	0.00	96.16	558.10
1.1.4	Other taxes on production	0.00	0.05	0.97	1.14	0.50	0.00	0.77	3.43
1.1.2	Compensation of employees	0.00	2.34	31.21	38.50	18.27	0.00	22.30	112.62
1.1.3	Consumption of fixed capital	0.00	0.59	9.88	12.46	5.42	0.00	9.51	37.86
1.1.5	Less other subsidies on production	0.00	0.01	0.31	0.26	0.12	0.00	0.12	0.82
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	13.20	232.61	229.00	107.74	0.00	128.61	711.17
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	13.20	232.61	229.00	107.74	0.00	128.61	711.17
1.2.2.1	non-market	0.00	13.20	232.61	229.00	107.74	0.00	128.61	711.17
1.2.2.2	Market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	65.13	215.44	143.17	0.00	22.88	446.61
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	13.20	297.74	444.44	250.91	0.00	151.49	1157.78
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Annexes 2 until 13 show the detail of ancillary production of environmental protection services for twelve industries in each of the six years.¹⁷

The chemical, rubber and plastic products industries (NACE 24-25) represented the largest share of environmental protection output by the ancillary producers in the period 1997-2002. Its share did decline, though, from 42% in 1997 to 35% in 2002. Still, they accounted for 70% of total current expenditure on soil protection, over half of current expenditure on air protection, and almost 40% of current expenditure on water protection. In 1997 electricity, gas and water supply (NACE 40-41) was the second largest producer of environmental protection output, with a share of 24%. Its share declined sharply to reach only 6% in 2002. Their place as second most important producer was taken over by the food, beverages and tobacco industry (NACE 15-16), which delivered 17% of total ancillary environmental protection output in 2002. In 1997 their share had only been 6%.

The chemical, rubber and plastic products industry was also one of the largest investors in environmental protection. In 1997 its share was no less than 43%. This was an exceptional year, however. During the rest of the period its share was somewhat less than 20%, which was about equally large as the share of the electricity, gas and water industry in 1998, 2001 and 2002. In the other years that industry's share was only around 10%. Its investments were mainly focused on air protection, whereas investments by the chemical, rubber and plastic products industry was spread among the different environmental domains. In 2001 and 2002 the food, beverages and tobacco industry was the largest investor in environmental protection with a share of more than 40%. Concerning investment in water protection its share was even above 60%.

¹⁷ Except for a rest category of "other ancillary producers" which is only available for the period 1997-2000.

6. The production table for the entire economy

Now that we have covered both public and private producers of environmental protection services, as well as both specialized, secondary and ancillary producers, we are finally ready to present the complete production table. Table 27 shows total production of environmental protection services in Belgium in the period 1997-2002. Except for the transfers¹⁸, and some calculated items depending on the latter, such as current environmental protection resources and financing by producers, this table is the sum of tables 12, 15, 24 and 26.

Environmental protection output has grown steadily during the period 1997-2002. In the six years investigated environmental output almost doubled. Intermediate consumption was the most important part in output, accounting for approximately 60% of total output. The share of compensation of employees accounted for around a quarter. Approximately two thirds of total environmental protection output was devoted to waste. Its share did decline between 1997 and 2002, though, from 68% to 64% of total output. Water was the second most important environmental domain. Its share rose from 16% to 24%. The other environmental domains accounted for far less than 10% each.

Gross fixed capital formation also showed a rising trend. The rise between 1997 and 2002 was more modest than for current expenditure, however. Investment increased by about a quarter. The largest part of environmental protection investment was destined for water protection. Over the six years its share fluctuated between 52% and 63%. Waste was the second most important environmental domain. Between 1997 and 2000 its share rose from 23% to 30%, but during the last two years of the observation period it fell back to 20%. The share of investment devoted to air protection fluctuated in a range from 9% in 2000 to 19% in 1998.

Table 27 : Table B Total production of environmental protection services in Belgium (mill. of euro)

1997	All producers	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	67.55	29.33	1129.24	295.04	65.55	1.25	118.58	1706.54
1.1.4	Other taxes on production	0.00	0.05	23.14	2.15	0.39	0.00	0.94	26.66
1.1.2	Compensation of employees	27.93	14.09	381.48	111.81	16.04	0.84	82.15	634.33
1.1.3	Consumption of fixed capital	0.00	0.44	282.53	251.07	4.19	0.00	14.71	552.93
1.1.5	Less other subsidies on production	0.00	0.01	101.77	19.48	0.08	0.00	0.11	121.45
1.1.6	Net operating surplus	0.00	0.00	261.64	-183.21	0.00	0.00	0.00	78.42
1.2	Output (basic price or cost of production)	95.48	43.88	1976.26	457.37	86.08	2.09	216.26	2877.42
1.2.1	Non-environmental output	0.00	0.00	74.68	2.32	0.00	0.00	0.00	77.00
1.2.2	Environmental protection output	95.48	43.88	1901.58	455.05	86.08	2.09	216.26	2800.42
1.2.2.1	Non-market	92.94	43.08	301.28	277.67	85.69	2.04	212.33	1015.02
1.2.2.2	Market	2.54	0.81	1600.30	177.38	0.39	0.05	3.93	1785.40
1.3	Current environmental protection resources	2.54	0.81	1617.31	382.20	37.08	0.05	3.93	2043.91
1.3.1	Market output (including partial payments)	2.54	0.81	1600.30	177.38	0.39	0.05	3.93	1785.40
1.3.2	Current transfers	0.00	0.00	17.00	204.82	36.68	0.00	0.00	258.50
2	Capital transactions								
2.1	Gross fixed capital formation	17.81	2.55	218.95	538.45	141.49	2.68	25.52	947.45
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.98	0.00	0.00	0.11	1.09
2.4	Other capital transfers received								
3	Financing by producers	110.75	45.62	503.23	610.32	190.49	4.72	237.74	1702.88
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

¹⁸ Transfers need to be handled separately as to eliminate transfers among the producers.

1998	All producers	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	69.17	21.27	1343.86	391.84	63.82	0.25	127.51	2017.71
1.1.4	Other taxes on production	0.00	0.04	20.67	2.77	0.36	0.00	0.83	24.67
1.1.2	Compensation of employees	31.07	15.12	537.11	242.95	16.27	0.33	90.39	933.25
1.1.3	Consumption of fixed capital	0.00	0.49	280.07	269.36	4.60	0.00	15.58	570.09
1.1.5	Less other subsidies on production	0.00	0.02	79.68	12.87	0.12	0.00	0.10	92.78
1.1.6	Net operating surplus	0.00	0.00	336.54	-171.10	0.00	0.00	0.00	165.44
1.2	Output (basic price or cost of production)	100.24	36.91	2438.56	722.96	84.93	0.58	234.21	3618.39
1.2.1	Non-environmental output	0.00	0.00	79.51	8.07	0.00	0.00	0.00	87.58
1.2.2	Environmental protection output	100.24	36.91	2359.05	714.89	84.93	0.58	234.21	3530.81
1.2.2.1	non-market	97.74	36.35	338.33	293.65	84.65	0.57	230.24	1081.53
1.2.2.2	market	2.49	0.56	2020.72	421.24	0.28	0.01	3.97	2449.29
1.3	Current environmental protection resources	2.49	0.56	2045.07	632.45	38.18	0.01	3.97	2722.73
1.3.1	Market output (including partial payments)	2.49	0.56	2020.72	421.24	0.28	0.01	3.97	2449.29
1.3.2	Current transfers	0.00	0.00	24.34	211.21	37.90	0.00	0.00	273.45
2	Capital transactions								
2.1	Gross fixed capital formation	17.11	5.51	241.18	513.46	187.02	0.33	19.28	983.89
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	10.25	0.00	0.00	0.15	10.41
2.4	Other capital transfers received								
3	Financing by producers	114.85	41.86	555.17	585.65	233.78	0.90	249.37	1781.56
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1999	All producers	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	63.88	33.47	1472.35	411.19	64.73	0.60	130.86	2177.08
1.1.4	Other taxes on production	0.00	0.05	30.71	3.23	0.39	0.00	0.85	35.23
1.1.2	Compensation of employees	35.20	15.36	597.65	287.43	26.08	0.79	96.61	1059.12
1.1.3	Consumption of fixed capital	0.00	0.53	306.81	230.36	6.87	0.00	17.08	561.65
1.1.5	Less other subsidies on production	0.00	0.02	69.76	44.87	0.12	0.00	0.10	114.86
1.1.6	Net operating surplus	0.00	0.00	297.40	-66.09	0.00	0.00	0.00	231.31
1.2	Output (basic price or cost of production)	99.08	49.39	2635.16	821.25	97.96	1.39	245.30	3949.53
1.2.1	Non-environmental output	0.00	0.00	89.70	5.79	0.00	0.00	0.00	95.49
1.2.2	Environmental protection output	99.08	49.39	2545.46	815.46	97.96	1.39	245.30	3854.04
1.2.2.1	non-market	96.65	48.54	391.15	337.08	97.69	1.35	241.29	1213.77
1.2.2.2	market	2.43	0.85	2154.31	478.38	0.26	0.03	4.02	2640.27
1.3	Current environmental protection resources	2.43	0.85	2178.93	689.94	34.12	0.03	4.02	2910.32
1.3.1	Market output (including partial payments)	2.43	0.85	2154.31	478.38	0.26	0.03	4.02	2640.27
1.3.2	Current transfers	0.00	0.00	24.62	211.56	33.86	0.00	0.00	270.05
2	Capital transactions								
2.1	Gross fixed capital formation	15.13	8.21	306.47	488.74	102.76	0.00	20.68	941.98
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.23	0.00	0.00	4.15	0.00	0.00	0.00	4.38
2.4	Other capital transfers received								
3	Financing by producers	111.55	56.75	673.00	610.11	166.59	1.35	261.96	1881.32
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2000	All producers	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	88.51	40.85	1720.55	480.57	80.01	0.64	170.51	2581.64
1.1.4	Other taxes on production	0.00	0.05	22.80	2.97	0.44	0.00	1.08	27.34
1.1.2	Compensation of employees	40.36	14.96	605.18	265.07	17.13	0.92	97.30	1040.91
1.1.3	Consumption of fixed capital	0.00	0.57	311.26	282.16	5.20	0.00	17.37	616.57
1.1.5	Less other subsidies on production	0.00	0.02	76.76	41.46	0.25	0.00	0.25	118.73
1.1.6	Net operating surplus	0.00	0.00	356.95	-128.08	0.00	0.00	0.00	228.87
1.2	Output (basic price or cost of production)	128.87	56.42	2939.97	861.22	102.53	1.56	286.02	4376.59
1.2.1	Non-environmental output	0.00	0.00	89.76	5.42	0.00	0.00	0.00	95.19
1.2.2	Environmental protection output	128.87	56.42	2850.21	855.80	102.53	1.56	286.02	4281.41
1.2.2.1	non-market	125.84	55.50	460.35	334.82	102.28	1.53	281.58	1361.90
1.2.2.2	market	3.03	0.92	2389.86	520.98	0.25	0.03	4.44	2919.51
1.3	Current environmental protection resources	3.03	0.92	2410.09	723.46	29.76	0.03	4.44	3171.73
1.3.1	Market output (including partial payments)	3.03	0.92	2389.86	520.98	0.25	0.03	4.44	2919.51
1.3.2	Current transfers	0.00	0.00	20.24	202.48	29.50	0.00	0.00	252.22
2	Capital transactions								
2.1	Gross fixed capital formation	21.48	6.89	312.61	573.43	90.97	0.00	23.09	1028.46
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.78	0.00	0.00	8.07	0.00	0.00	0.00	8.85
2.4	Other capital transfers received								
3	Financing by producers	146.54	62.39	752.73	697.70	163.74	1.53	304.67	2129.29
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2001	All producers	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	62.40	54.82	2041.86	647.88	94.38	0.50	182.46	3084.30
1.1.4	Other taxes on production	0.00	0.05	22.72	3.31	0.49	0.00	0.77	27.33
1.1.2	Compensation of employees	53.90	19.74	656.58	319.84	21.41	0.78	91.85	1164.10
1.1.3	Consumption of fixed capital	0.00	0.61	391.10	325.10	5.66	0.00	10.40	732.88
1.1.5	Less other subsidies on production	0.00	0.00	44.17	95.87	0.00	0.00	0.00	140.04
1.1.6	Net operating surplus	0.00	0.00	298.78	-114.09	0.00	0.00	0.00	184.69
1.2	Output (basic price or cost of production)	116.29	75.22	3366.87	1086.17	121.94	1.28	285.49	5053.26
1.2.1	Non-environmental output	0.00	0.00	64.44	1.78	0.00	0.00	0.00	66.21
1.2.2	Environmental protection output	116.29	75.22	3302.43	1084.39	121.94	1.28	285.49	4987.04
1.2.2.1	non-market	113.64	73.93	617.13	419.97	121.75	1.23	280.70	1628.34
1.2.2.2	market	2.66	1.29	2685.31	664.42	0.19	0.05	4.79	3358.71
1.3	Current environmental protection resources	2.66	1.29	2715.97	854.02	32.75	0.05	4.79	3611.53
1.3.1	Market output (including partial payments)	2.66	1.29	2685.31	664.42	0.19	0.05	4.79	3358.71
1.3.2	Current transfers	0.00	0.00	30.66	189.60	32.56	0.00	0.00	252.82
2	Capital transactions								
2.1	Gross fixed capital formation	11.32	7.51	410.79	751.01	155.64	0.00	38.10	1374.37
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.20	0.00	0.00	4.85	0.00	0.00	0.00	5.05
2.4	Other capital transfers received								
3	Financing by producers	124.75	81.44	997.26	976.53	244.83	1.23	318.80	2744.83
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2002	All producers	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	35.15	57.61	2084.23	724.03	94.78	2.12	188.97	3186.88
1.1.4	Other taxes on production	0.00	0.05	23.73	4.42	0.50	0.00	0.77	29.47
1.1.2	Compensation of employees	52.79	29.74	598.98	396.37	21.66	3.29	98.70	1201.54
1.1.3	Consumption of fixed capital	0.00	0.59	274.47	318.35	5.42	0.00	9.51	608.34
1.1.5	Less other subsidies on production	0.00	0.01	37.36	106.39	0.12	0.00	0.12	144.01
1.1.6	Net operating surplus	0.00	0.00	436.14	-85.46	0.00	0.00	0.00	350.68
1.2	Output (basic price or cost of production)	87.94	87.98	3380.18	1251.32	122.24	5.41	297.83	5232.90
1.2.1	Non-environmental output	0.00	0.00	53.31	2.44	0.00	0.00	0.00	55.75
1.2.2	Environmental protection output	87.94	87.98	3326.87	1248.88	122.24	5.41	297.83	5177.15
1.2.2.1	non-market	85.08	85.71	598.70	367.99	121.77	5.19	291.49	1555.94
1.2.2.2	market	2.86	2.27	2728.17	880.89	0.47	0.22	6.34	3621.22
1.3	Current environmental protection resources	2.86	2.27	2742.86	1074.73	28.13	0.22	6.34	3857.41
1.3.1	Market output (including partial payments)	2.86	2.27	2728.17	880.89	0.47	0.22	6.34	3621.22
1.3.2	Current transfers	0.00	0.00	14.69	193.84	27.67	0.00	0.00	236.19
2	Capital transactions								
2.1	Gross fixed capital formation	13.78	7.57	239.09	732.20	143.18	0.00	35.16	1170.97
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	8.33	0.00	0.00	0.00	8.33
2.4	Other capital transfers received								
3	Financing by producers	98.87	93.28	823.10	898.02	237.28	5.19	326.65	2482.39
4	Labor inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Table 28 shows the evolution of the shares of the administration and the corporate sector in total environmental protection output (EPO) and total environmental protection investment (EPI) in Belgium between 1997 and 2002. The corporate sector was clearly the most important producer and investor of environmental protection services. Its share in environmental protection output rose from two thirds in 1997 to almost three quarters in 2002. Its share in investment declined from 83% to 77%, but this is just another consequence of the disinvestment by the region of Brussels-Capital in 1997. After the corporate sector's share in environmental protection investment receded from 73% to 70% between 1998 and 2000, it clearly rebounded to a higher level during the last two years of the period under investigation.

Table 28 Shares of the public administration and the corporate sector in total environmental protection output and investment (in percent)

		1997	1998	1999	2000	2001	2002
Public administration	EPO	34	29	27	27	27	26
	EPI	17	27	29	30	20	23
Corporate sector	EPO	66	71	73	73	73	74
	EPI	83	73	71	70	80	77

B. The supply-use table (Table B1)

Table B1 permits to make the transition from total supply to uses. Two groups of transactions explain that transition. On the one hand, domestic supply is extended with imports and part of domestic production is exported, on the other hand there is the possibility that taxes drive a wedge between supply at basic prices and uses at purchaser prices:

- The imports and exports of EP services: the Belgian supply tables for 1995 and 2000 show that imports of environmental protection services (good 90A01) fell back from almost 8% of domestically produced environmental protection services to only 2.2%. We assumed the former ratio to have remained constant until 1997 and the latter ratio over the period 1998-2002, and applied them to domestic environmental market output in the periods concerned. Imports are assumed to be limited to specialised producers, and thus allocated to waste and water according to the relative shares of these environmental domains in total output. As concerns exports, the supply use tables for 1995 and 2000 show that exports of environmental protection services as a share of total use decreased from 4.7% to 2.6%. We applied these ratios in the respective periods to the market output of the sectors supplying these services, namely NACE 90 and the secondary producers. The market output of the public administrations is thus assumed to be entirely sold on the domestic market. As the specialised and the secondary producers are only active in the waste and water domains, exports are, just like imports, limited to these two environmental domains.
- The system of prices: "a revaluation of the supply to make it consistent with the prices in which uses are measured is made by adding non-deductible VAT and other taxes on products and deducting subsidies on products. Except for non-deductible VAT (paid mostly by households) these revaluation items are typically unimportant and may be ignored." (Eurostat, 2002, p.81). No non-deductible VAT or other taxes and subsidies were identified for the characteristic services in Belgium. In principle one might expect households to have to pay non-deductible VAT on the market services purchased. However, the major part of market output comes from the sales of waste services by the municipalities, which is paid for by means of a waste collection tax, which does not include any VAT. The supply in basic prices is thus equal to the uses in purchasers' prices.

Table B1 also shows the different uses of environmental protection services, to wit final consumption, intermediate consumption, capital formation in the form of land improvement and exports. This is done for market and non-market output separately. Non-market output contains only two items, non-market public output, which is assumed to be final consumption, and ancillary intermediate consumption, which is equal to non-market intermediate consumption by non-specialised producers. For market output we applied the shares of the different uses of good 90A01 in the Belgian use tables of 1995 and 2000 to total domestic output in 1997 and the period 1998-2000 respectively. Exports was already explained above. The shares in total output of intermediate consumption by specialised, non-specialised and non-characteristic producers¹⁹ were applied to the output by the specialised and the secondary producers, in order to calculate intermediate consumption by the three categories of producers. To intermediate consumption by the specialised producers we added imports. To calculate final consumption of market output, the share of final consumption in total output was applied to the output of the specialised and the secondary producers, after which market output by the public producers was added. Output by the public producers is thus assumed to be entirely destined for final consumption.

¹⁹ Intermediate consumption by the government of good 90A01, was allocated to the non-characteristic producers in order to avoid this part of the use not to be recorded in table A, the expenditure table. In the latter intermediate consumption of good 90A01 for the production of the same good has to be eliminated. However, the largest part of government output is of a non-environmental nature. Intermediate consumption of good 90A01 by the government is thus for the largest part used for the production of non-environmental output, and should thus not to be eliminated.

Table 29 shows the supply and use of environmental protection services in Belgium during the period 1997-2002. Taxes and land improvement were left out of the table because the available data suggest they do not to exist. Approximately two thirds of all uses was in the waste domain. It is immediately clear that the dominant position of waste is due to the market output, which accounted for over 80% of total output in this domain. More than 60% of the use in the waste domain was destined for intermediate consumption, over half of which by the non-specialised producers.

Table 29 : Table B1 Supply and uses of environmental protection (mill. of euro)

1997	Non-market	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
Non-market	1 Uses of resident units (purchasers' prices)	93	43	301	278	86	2	212	1015
	1.1 Intermediate consumption	0	10	130	136	71	0	116	463
	1.1.1 of which by specialized producers	0	0	0	0	0	0	0	0
	1.1.2 of which by non-specialised producers	0	10	130	136	71	0	116	463
	1.1.3 of which by non-characteristic producers	0	0	0	0	0	0	0	0
	1.2 Final consumption	93	33	171	142	15	2	96	552
	1.3 Gross capital formation (land improvement)	0	0	0	0	0	0	0	0
	2 Exports	0	0	0	0	0	0	0	0
	Total uses (1+2) = total supply (3+4+5+6)	93	43	301	278	86	2	212	1015
	3 Output (basic prices)	93	43	301	278	86	2	212	1015
	4 Imports (customs price)	0	0	0	0	0	0	0	0
	5 Non-deductible VAT	0	0	0	0	0	0	0	0
	6 Other taxes on products (if any)	0	0	0	0	0	0	0	0
	7 Subsidies on products (if any)	0	0	0	0	0	0	0	0
	Market								
Market	1 Uses of resident units (purchasers' prices)	3	1	1665	183	0	0	4	1856
	1.1 Intermediate consumption	0	0	1096	149	0	0	0	1245
	1.1.1 of which by specialized producers	0	0	359	46	0	0	0	405
	1.1.2 of which by non-specialised producers	0	0	299	42	0	0	0	341
	1.1.3 of which by non-characteristic producers	0	0	438	61	0	0	0	499
	1.2 Final consumption	3	1	568	34	0	0	4	610
	1.3 Gross capital formation (land improvement)	0	0	0	0	0	0	0	0
	2 Exports	0	0	57	8	0	0	0	65
	Total uses (1+2) = total supply (3+4+5+6)	3	1	1722	191	0	0	4	1921
	3 Output (basic prices)	3	1	1600	177	0	0	4	1785
	4 Imports (customs price)	0	0	122	14	0	0	0	135
	5 Non-deductible VAT	0	0	0	0	0	0	0	0
	6 Other taxes on products (if any)	0	0	0	0	0	0	0	0
	7 Subsidies on products (if any)	0	0	0	0	0	0	0	0
	Total								
Total	1 Uses of resident units (purchasers' prices)	95	44	1966	461	86	2	216	2871
	1.1 Intermediate	0	10	1226	285	71	0	116	1709
	1.1.1 of which by specialized producers	0	0	359	46	0	0	0	405
	1.1.2 of which by non-specialised producers	0	10	429	177	71	0	116	804
	1.1.3 of which by non-characteristic producers	0	0	438	61	0	0	0	499
	1.2 Final consumption	95	34	740	176	15	2	100	1162
	1.3 Gross capital formation (land improvement)	0	0	0	0	0	0	0	0
	2 Exports	0	0	57	8	0	0	0	65
	Total uses (1+2) = total supply (3+4+5+6)	95	44	2023	469	86	2	216	2936
	3 Output (basic prices)	95	44	1902	455	86	2	216	2800
	4 Imports (customs price)	0	0	122	14	0	0	0	135

1998		Non-market	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
Non-market	1	Uses of resident units (purchasers' prices)	98	36	338	294	85	1	230	1082
	1.1	Intermediate consumption	0	11	129	140	73	0	119	472
	1.1.1	of which by specialized producers	0	0	0	0	0	0	0	0
	1.1.2	of which by non-specialised producers	0	11	129	140	73	0	119	472
	1.1.3	of which by non-characteristic producers	0	0	0	0	0	0	0	0
	1.2	Final consumption	98	26	209	154	11	1	112	610
	1.3	Gross capital formation (land improvement)	0	0	0	0	0	0	0	0
	2	Exports	0	0	0	0	0	0	0	0
		Total uses (1+2) = total supply (3+4+5+6)	98	36	338	294	85	1	230	1082
	3	Output (basic prices)	98	36	338	294	85	1	230	1082
	4	Imports (customs price)	0	0	0	0	0	0	0	0
	5	Non-deductible VAT	0	0	0	0	0	0	0	0
	6	Other taxes on products (if any)	0	0	0	0	0	0	0	0
	7	Subsidies on products (if any)	0	0	0	0	0	0	0	0
		Market								
Market	1	Uses of resident units (purchasers' prices)	2	1	2022	419	0	0	4	2449
	1.1	Intermediate consumption	0	0	1403	358	0	0	0	1761
	1.1.1	of which by specialized producers	0	0	361	91	0	0	0	452
	1.1.2	of which by non-specialised producers	0	0	758	195	0	0	0	953
	1.1.3	of which by non-characteristic producers	0	0	284	73	0	0	0	357
	1.2	Final consumption	2	1	619	61	0	0	4	688
	1.3	Gross capital formation (land improvement)	0	0	0	0	0	0	0	0
	2	Exports	0	0	42	11	0	0	0	53
		Total uses (1+2) = total supply (3+4+5+6)	2	1	2064	430	0	0	4	2501
	3	Output (basic prices)	2	1	2021	421	0	0	4	2449
	4	Imports (customs price)	0	0	43	9	0	0	0	52
	5	Non-deductible VAT	0	0	0	0	0	0	0	0
	6	Other taxes on products (if any)	0	0	0	0	0	0	0	0
	7	Subsidies on products (if any)	0	0	0	0	0	0	0	0
		Total								
Total	1	Uses of resident units (purchasers' prices)	100	37	2360	713	85	1	234	3530
	1.1	Intermediate	0	11	1532	498	73	0	119	2233
	1.1.1	of which by specialized producers	0	0	361	91	0	0	0	452
	1.1.2	of which by non-specialised producers	0	11	887	334	73	0	119	1424
	1.1.3	of which by non-characteristic producers	0	0	284	73	0	0	0	357
	1.2	Final consumption	100	26	828	215	12	1	116	1297
	1.3	Gross capital formation (land improvement)	0	0	0	0	0	0	0	0
	2	Exports	0	0	42	11	0	0	0	53
		Total uses (1+2) = total supply (3+4+5+6)	100	37	2402	724	85	1	234	3583
	3	Output (basic prices)	100	37	2359	715	85	1	234	3531
	4	Imports (customs price)	0	0	43	9	0	0	0	52

1999		Non-market	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
Non-market	1	Uses of resident units (purchasers' prices)	97	49	391	337	98	1	241	1214
	1.1	Intermediate consumption	0	11	164	179	87	0	121	563
	1.1.1	of which by specialized producers	0	0	0	0	0	0	0	0
	1.1.2	of which by non-specialised producers	0	11	164	179	87	0	121	563
	1.1.3	of which by non-characteristic producers	0	0	0	0	0	0	0	0
	1.2	Final consumption	97	37	227	158	11	1	120	650
	1.3	Gross capital formation (land improvement)	0	0	0	0	0	0	0	0
	2	Exports	0	0	0	0	0	0	0	0
		Total uses (1+2) = total supply (3+4+5+6)	97	49	391	337	98	1	241	1214
	3	Output (basic prices)	97	49	391	337	98	1	241	1214
	4	Imports (customs price)	0	0	0	0	0	0	0	0
	5	Non-deductible VAT	0	0	0	0	0	0	0	0
	6	Other taxes on products (if any)	0	0	0	0	0	0	0	0
	7	Subsidies on products (if any)	0	0	0	0	0	0	0	0
		Market								
Market	1	Uses of resident units (purchasers' prices)	2	1	2154	476	0	0	4	2637
	1.1	Intermediate consumption	0	0	1559	408	0	0	0	1967
	1.1.1	of which by specialized producers	0	0	400	103	0	0	0	503
	1.1.2	of which by non-specialised producers	0	0	843	222	0	0	0	1065
	1.1.3	of which by non-characteristic producers	0	0	316	83	0	0	0	399
	1.2	Final consumption	2	1	595	68	0	0	4	671
	1.3	Gross capital formation (land improvement)	0	0	0	0	0	0	0	0
	2	Exports	0	0	47	12	0	0	0	59
		Total uses (1+2) = total supply (3+4+5+6)	2	1	2200	489	0	0	4	2696
	3	Output (basic prices)	2	1	2154	478	0	0	4	2640
	4	Imports (customs price)	0	0	46	10	0	0	0	56
	5	Non-deductible VAT	0	0	0	0	0	0	0	0
	6	Other taxes on products (if any)	0	0	0	0	0	0	0	0
	7	Subsidies on products (if any)	0	0	0	0	0	0	0	0
		Total								
Total	1	Uses of resident units (purchasers' prices)	99	49	2545	813	98	1	245	3851
	1.1	Intermediate	0	11	1723	587	87	0	121	2530
	1.1.1	of which by specialized producers	0	0	400	103	0	0	0	503
	1.1.2	of which by non-specialised producers	0	11	1008	401	87	0	121	1628
	1.1.3	of which by non-characteristic producers	0	0	316	83	0	0	0	399
	1.2	Final consumption	99	38	822	226	11	1	124	1321
	1.3	Gross capital formation (land improvement)	0	0	0	0	0	0	0	0
	2	Exports	0	0	47	12	0	0	0	59
		Total uses (1+2) = total supply (3+4+5+6)	99	49	2591	826	98	1	245	3910
	3	Output (basic prices)	99	49	2545	815	98	1	245	3854
	4	Imports (customs price)	0	0	46	10	0	0	0	56

2000		Non-market	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
Non-market	1	Uses of resident units (purchasers' prices)	126	55	460	335	102	2	282	1362
	1.1	Intermediate consumption	0	14	172	170	92	0	139	587
	1.1.1	of which by specialized producers	0	0	0	0	0	0	0	0
	1.1.2	of which by non-specialised producers	0	14	172	170	92	0	139	587
	1.1.3	of which by non-characteristic producers	0	0	0	0	0	0	0	0
	1.2	Final consumption	126	42	288	165	11	2	142	775
	1.3	Gross capital formation (land improvement)	0	0	0	0	0	0	0	0
	2	Exports	0	0	0	0	0	0	0	0
		Total uses (1+2) = total supply (3+4+5+6)	126	55	460	335	102	2	282	1362
	3	Output (basic prices)	126	55	460	335	102	2	282	1362
	4	Imports (customs price)	0	0	0	0	0	0	0	0
	5	Non-deductible VAT	0	0	0	0	0	0	0	0
	6	Other taxes on products (if any)	0	0	0	0	0	0	0	0
	7	Subsidies on products (if any)	0	0	0	0	0	0	0	0
		Market								
Market	1	Uses of resident units (purchasers' prices)	3	1	2388	519	0	0	4	2916
	1.1	Intermediate consumption	0	0	1754	445	0	0	0	2199
	1.1.1	of which by specialized producers	0	0	449	113	0	0	0	562
	1.1.2	of which by non-specialised producers	0	0	949	242	0	0	0	1191
	1.1.3	of which by non-characteristic producers	0	0	355	90	0	0	0	446
	1.2	Final consumption	3	1	634	74	0	0	4	717
	1.3	Gross capital formation (land improvement)	0	0	0	0	0	0	0	0
	2	Exports	0	0	52	13	0	0	0	66
		Total uses (1+2) = total supply (3+4+5+6)	3	1	2441	532	0	0	4	2981
	3	Output (basic prices)	3	1	2390	521	0	0	4	2920
	4	Imports (customs price)	0	0	51	11	0	0	0	62
	5	Non-deductible VAT	0	0	0	0	0	0	0	0
	6	Other taxes on products (if any)	0	0	0	0	0	0	0	0
	7	Subsidies on products (if any)	0	0	0	0	0	0	0	0
		Total								
Total	1	Uses of resident units (purchasers' prices)	129	56	2849	854	103	2	286	4278
	1.1	Intermediate	0	14	1926	615	92	0	139	2786
	1.1.1	of which by specialized producers	0	0	449	113	0	0	0	562
	1.1.2	of which by non-specialised producers	0	14	1122	412	92	0	139	1778
	1.1.3	of which by non-characteristic producers	0	0	355	90	0	0	0	446
	1.2	Final consumption	129	43	922	239	11	2	147	1492
	1.3	Gross capital formation (land improvement)	0	0	0	0	0	0	0	0
	2	Exports	0	0	52	13	0	0	0	66
		Total uses (1+2) = total supply (3+4+5+6)	129	56	2901	867	103	2	286	4343
	3	Output (basic prices)	129	56	2850	856	103	2	286	4281
	4	Imports (customs price)	0	0	51	11	0	0	0	62

2001		Non-market	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
Non-market	1	Uses of resident units (purchasers' prices)	114	74	617	420	122	1	281	1628
	1.1	Intermediate consumption	0	14	247	242	114	0	137	754
	1.1.1	of which by specialized producers	0	0	0	0	0	0	0	0
	1.1.2	of which by non-specialised producers	0	14	247	242	114	0	137	754
	1.1.3	of which by non-characteristic producers	0	0	0	0	0	0	0	0
	1.2	Final consumption	114	60	370	178	8	1	143	874
	1.3	Gross capital formation (land improvement)	0	0	0	0	0	0	0	0
	2	Exports	0	0	0	0	0	0	0	0
		Total uses (1+2) = total supply (3+4+5+6)	114	74	617	420	122	1	281	1628
	3	Output (basic prices)	114	74	617	420	122	1	281	1628
	4	Imports (customs price)	0	0	0	0	0	0	0	0
	5	Non-deductible VAT	0	0	0	0	0	0	0	0
	6	Other taxes on products (if any)	0	0	0	0	0	0	0	0
	7	Subsidies on products (if any)	0	0	0	0	0	0	0	0
		Market								
Market	1	Uses of resident units (purchasers' prices)	3	1	2685	661	0	0	5	3355
	1.1	Intermediate consumption	0	0	1938	568	0	0	0	2506
	1.1.1	of which by specialized producers	0	0	497	144	0	0	0	641
	1.1.2	of which by non-specialised producers	0	0	1048	309	0	0	0	1357
	1.1.3	of which by non-characteristic producers	0	0	392	116	0	0	0	508
	1.2	Final consumption	3	1	747	94	0	0	5	849
	1.3	Gross capital formation (land improvement)	0	0	0	0	0	0	0	0
	2	Exports	0	0	58	17	0	0	0	75
		Total uses (1+2) = total supply (3+4+5+6)	3	1	2742	679	0	0	5	3430
	3	Output (basic prices)	3	1	2685	664	0	0	5	3359
	4	Imports (customs price)	0	0	57	14	0	0	0	71
	5	Non-deductible VAT	0	0	0	0	0	0	0	0
	6	Other taxes on products (if any)	0	0	0	0	0	0	0	0
	7	Subsidies on products (if any)	0	0	0	0	0	0	0	0
		Total								
Total	1	Uses of resident units (purchasers' prices)	116	75	3302	1081	122	1	285	4983
	1.1	Intermediate	0	14	2185	810	114	0	137	3260
	1.1.1	of which by specialized producers	0	0	497	144	0	0	0	641
	1.1.2	of which by non-specialised producers	0	14	1295	551	114	0	137	2111
	1.1.3	of which by non-characteristic producers	0	0	392	116	0	0	0	508
	1.2	Final consumption	116	61	1117	272	8	1	148	1724
	1.3	Gross capital formation (land improvement)	0	0	0	0	0	0	0	0
	2	Exports	0	0	58	17	0	0	0	75
		Total uses (1+2) = total supply (3+4+5+6)	116	75	3360	1099	122	1	285	5058
	3	Output (basic prices)	116	75	3302	1084	122	1	285	4987
	4	Imports (customs price)	0	0	57	14	0	0	0	71

2002		Non-market	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
Non-market	1	Uses of resident units (purchasers' prices)	85	86	599	368	122	5	291	1556
	1.1	Intermediate consumption	0	13	233	229	108	0	129	711
	1.1.1	of which by specialized producers	0	0	0	0	0	0	0	0
	1.1.2	of which by non-specialised producers	0	13	233	229	108	0	129	711
	1.1.3	of which by non-characteristic producers	0	0	0	0	0	0	0	0
	1.2	Final consumption	85	73	366	139	14	5	163	845
	1.3	Gross capital formation (land improvement)	0	0	0	0	0	0	0	0
	2	Exports	0	0	0	0	0	0	0	0
		Total uses (1+2) = total supply (3+4+5+6)	85	86	599	368	122	5	291	1556
	3	Output (basic prices)	85	86	599	368	122	5	291	1556
	4	Imports (customs price)	0	0	0	0	0	0	0	0
	5	Non-deductible VAT	0	0	0	0	0	0	0	0
	6	Other taxes on products (if any)	0	0	0	0	0	0	0	0
	7	Subsidies on products (if any)	0	0	0	0	0	0	0	0
		Market								
Market	1	Uses of resident units (purchasers' prices)	3	2	2728	877	0	0	6	3617
	1.1	Intermediate consumption	0	0	1963	755	0	0	0	2718
	1.1.1	of which by specialized producers	0	0	504	191	0	0	0	695
	1.1.2	of which by non-specialised producers	0	0	1062	410	0	0	0	1472
	1.1.3	of which by non-characteristic producers	0	0	398	154	0	0	0	551
	1.2	Final consumption	3	2	764	122	0	0	6	898
	1.3	Gross capital formation (land improvement)	0	0	0	0	0	0	0	0
	2	Exports	0	0	59	23	0	0	0	81
		Total uses (1+2) = total supply (3+4+5+6)	3	2	2786	900	0	0	6	3698
	3	Output (basic prices)	3	2	2728	881	0	0	6	3621
	4	Imports (customs price)	0	0	58	19	0	0	0	77
	5	Non-deductible VAT	0	0	0	0	0	0	0	0
	6	Other taxes on products (if any)	0	0	0	0	0	0	0	0
	7	Subsidies on products (if any)	0	0	0	0	0	0	0	0
		Total								
Total	1	Uses of resident units (purchasers' prices)	88	88	3326	1245	122	5	298	5173
	1.1	Intermediate	0	13	2196	984	108	0	129	3429
	1.1.1	of which by specialized producers	0	0	504	191	0	0	0	695
	1.1.2	of which by non-specialised producers	0	13	1295	639	108	0	129	2183
	1.1.3	of which by non-characteristic producers	0	0	398	154	0	0	0	551
	1.2	Final consumption	88	75	1130	261	14	5	169	1743
	1.3	Gross capital formation (land improvement)	0	0	0	0	0	0	0	0
	2	Exports	0	0	59	23	0	0	0	81
		Total uses (1+2) = total supply (3+4+5+6)	88	88	3385	1268	122	5	298	5254
	3	Output (basic prices)	88	88	3327	1249	122	5	298	5177
	4	Imports (customs price)	0	0	58	19	0	0	0	77

C. The expenditure table (Table A)

Table A has as its main objective to calculate the “National Expenditure for Environmental Protection”.

The components of national expenditure have different importance (Eurostat 2002, p.80):

- Uses of EP services and capital formation are the most important
- Uses of connected and adapted products as well as specific transfers tend to be small. We do not consider connected and adapted products in this report.

Table A distributes the different components of the uses across seven groups of users. Four of these groups are domestic producers, two of them are domestic consumers. The last group consists of foreign users. Four different groups of producers are distinguished. Two of these groups are specialised producers. These are the government administrations and NACE 90.

The other two groups are the non-specialised producers (secondary and ancillary producers) on the one hand and the non-characteristic producers (all industries without any production of environmental services and the government as producer of other than environmental services) on the other. The consumers consist of the households and the government as a collective consumer. The sections below briefly describe the components of national expenditure, their data sources and data estimation methods.

1. The final consumption

The values for total market and non-market final consumption are derived from table B1. All final market consumption has to be attributed to the households by definition. Final consumption by the government is by definition non-market consumption. Non-market final consumption by the households has to be covered by current transfers from the government. Non-market final consumption by the households was thus set equal to the amount in current transfers received²⁰. Non-market final consumption by the government was calculated by deducting non-market consumption by the households from the total non-market final consumption.

2. The intermediate consumption

Table B1 provides the data on intermediate consumption. Only the intermediate consumption by the non-specialized and non-characteristic producers is recorded, as to avoid double counting. The intermediate consumption of the specialized producers is taken into account by virtue of its incorporation in the final consumption and/or intermediate consumption of the other institutional sectors.

3. Gross capital formation

The amount of gross capital formation is derived from the tables B for the government (table 12), NACE 90 (table 15), the secondary producers (table 24) and the ancillary producers (table 26).

4. Specific transfers

The specific transfers include those transfer payments without a counterpart in the uses part of the supply-use table, like subsidies or international cooperation. Experience suggests that the specific transfers are often very small and may be ignored (Eurostat 2002, p.94). Some specific transfers to the rest of the world were identified though. These concern financing of environmental protection projects abroad.

²⁰ See section II.D for the calculation of the transfers.

Table 30 gives the results for all domains related to environmental protection. Tables by domain are presented in annex 14. Total national expenditure for environmental protection has risen from 3.4 billions of euros in 1997 to 5.7 billions in 2002, an increase by two thirds. The share of intermediate consumption in national expenditure increased from 38% to 49% during that period. This increase took place at the expense of capital formation, of which the share shrunk from 28% to 21%, and final consumption, of which the share receded from 34% to 30%. The non-specialised producers provided the largest share of national expenditure. Their share rose from 34% in 1997 to 47% in 2002. The government's share as a producer and a consumer fluctuated around 20%. The share of the households declined slightly from 19% to 17%. The share of the non-characteristic producers was almost 15% in 1997, but sharply dropped thereafter to a level of 9%, a share which remained fairly constant during the rest of the period. The share of the specialised producers also dropped sharply between 1997 and 1998, from 13% to 9%, after which it gradually increased to reach 11% in 2001. In 2002 its share fell back to only 8%. Financial flows, in the context of environmental protection, to and from the rest of the world were small.

Table 30 : Table A National expenditure by components and by users/beneficiaries (mill. of euro)

1997	USERS							Total
	Special.prod		other prod		Consumers		Rest of the	
	government	NACE90	non-spec.	non-charact.	households	government	world	
Components of national expenditure								
1 Uses of EP services	-	-	804	499	647	515	-	2465
1.1 Final consumption	-	-	-	-	647	515	-	1162
market	-	-	-	-	610	-	-	610
non-market	-	-	-	-	36	515	-	552
1.2 Intermediate consumption	n.r.	n.r.	804	499	-	-	-	1303
market	n.r.	n.r.	341	499	-	-	-	840
ancillary	n.r.	n.r.	463	-	-	-	-	463
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	165	441	342	-	-	-	-	947
3 Uses of adapted & connected products	-	-	-	-	-	-	-	0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	4	4
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	4	4
5 Total uses of resident units (1+2+3+4)	165	441	1146	499	647	515	4	3416
6 Financed by the rest of the world	1	-	-	-	-	0	-	1
7 National expenditure for EP (5-6)	164	441	1146	499	647	515	4	3415

1998	USERS							Total
	Special.prod	other prod			Consumers		Rest of the world	
	Components of national expenditure	government	NACE90	non-spec.	non-charact.	households		
1 Uses of EP services	-	-	1424	357	719	579		3078
1.1 Final consumption	-	-	-	-	719	579	-	1297
market	-	-	-	-	688		-	688
non-market	-	-	-	-	31	579	-	610
1.2 Intermediate consumption	n.r.	n.r.	1424	357	-	-	-	1781
market	n.r.	n.r.	953	357	-	-	-	1309
ancillary	n.r.	n.r.	472	-	-	-	-	472
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	267	352	364	-	-	-	-	984
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	2	2
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	2	2
5 Total uses of resident units (1+2+3+4)	267	352	1789	357	719	579	2	4064
6 Financed by the rest of the world	1					0		1
7 National expenditure for EP (5-6)	267	352	1789	357	719	579	2	4063

1999	USERS							Total
Components of national expenditure	Special.prod	other prod			Consumers		Rest of the world	
	government	NACE90	non-spec.	non-charact.	households	government		
1 Uses of EP services	-	-	1628	399	702	619	-	3348
1.1 Final consumption	-	-	-	-	702	619	-	1321
market	-	-	-	-	671	-	-	671
non-market	-	-	-	-	31	619	-	650
1.2 Intermediate consumption	n.r.	n.r.	1628	399	-	-	-	2027
market	n.r.	n.r.	1065	399	-	-	-	1464
ancillary	n.r.	n.r.	563	-	-	-	-	563
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	270	418	254	-	-	-	-	942
3 Uses of adapted & connected products	-	-	-	-	-	-	-	0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	5	5
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	5	5
5 Total uses of resident units (1+2+3+4)	270	418	1882	399	702	619	5	4295
6 Financed by the rest of the world	1	-	-	-	-	0	-	1
7 National expenditure for EP (5-6)	269	418	1882	399	702	619	5	4294

2000	USERS							Total
Components of national expenditure	Special.prod	other prod			Consumers		Rest of the	Total
	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	1778	446	741	751		3716
1.1 Final consumption	-	-	-	-	741	751	-	1492
market	-	-	-	-	717		-	717
non-market	-	-	-	-	24	751	-	775
1.2 Intermediate consumption	n.r.	n.r.	1778	446	-	-	-	2224
market	n.r.	n.r.	1191	446	-	-	-	1637
ancillary	n.r.	n.r.	587	-	-	-	-	587
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	305	503	220	-	-	-	-	1028
3 Uses of adapted & connected products								0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	4	4
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	4	4
5 Total uses of resident units (1+2+3+4)	305	503	1999	446	741	751	4	4748
6 Financed by the rest of the world	5					0		5
7 National expenditure for EP (5-6)	300	503	1999	446	741	751	4	4744

2001	USERS							Total
	Special.prod	other prod		Consumers		Rest of the		
	government	NACE90	non-spec.	non-charact.	households	government	world	
Components of national expenditure								
1 Uses of EP services	-	-	2111	508	940	783		4343
1.1 Final consumption	-	-	-	-	940	783	-	1724
market	-	-	-	-	849		-	849
non-market	-	-	-	-	91	783	-	874
1.2 Intermediate consumption	n.r.	n.r.	2111	508	-	-	-	2619
market	n.r.	n.r.	1357	508	-	-	-	1865
ancillary	n.r.	n.r.	754	-	-	-	-	754
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	281	624	470	-	-	-	-	1374
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	15	15
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	15	15
5 Total uses of resident units (1+2+3+4)	281	624	2581	508	940	783	15	5732
6 Financed by the rest of the world	3					0		3
7 National expenditure for EP (5-6)	277	624	2581	508	940	783	15	5729

2002	USERS							Total
	Special.prod	other prod		Consumers		Rest of the		
	government	NACE90	non-spec.	non-charact.	households	government	world	
Components of national expenditure								
1 Uses of EP services	-	-	2183	551	957	786		4478
1.1 Final consumption	-	-	-	-	957	786	-	1743
Market	-	-	-	-	898		-	898
non-market	-	-	-	-	58	786	-	845
1.2 Intermediate consumption	n.r.	n.r.	2183	551	-	-	-	2735
Market	n.r.	n.r.	1472	551	-	-	-	2023
Ancillary	n.r.	n.r.	711	-	-	-	-	711
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	270	455	447	-	-	-	-	1171
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	14	14
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	14	14
5 Total uses of resident units (1+2+3+4)	270	455	2630	551	957	786	14	5663
6 Financed by the rest of the world	1					0		1
7 National expenditure for EP (5-6)	269	455	2630	551	957	786	14	5662

D. The Financing of the expenditure (Table C)

Table C presents the financing of the national expenditure for environmental protection by cross-tabulation of the users or beneficiaries on the one hand and the financing sectors on the other. This is achieved by combining the data on national expenditure and uses by resident units from table A with data on current and capital transfers between the different actors. Because data on the production and the use of environmental protection services by the NPISH's are not included, we also exclude transfers in which these institutional units are involved. We will first discuss the estimation procedure followed to obtain the transfers tables. Next we turn to the results for table C.

We needed to determine the environmental transfers, both current and capital, given by seven different institutional sectors, namely foreign sources, the federal government, the regional governments, the local authorities, the specialised corporations, the non-specialised corporations and the households. At the same time we also needed to determine the transfers received by these seven different institutional sectors, and to make sure that these corresponded to the transfers given. All the data used originate in the accounts of the different levels of government. No data on environmental transfers were available in household or business surveys. The most important change with respect to the previous version of the Belgian EPEA is the inclusion of data on environmental taxes.

The starting point was once again formed by the national accounts, in which the total environmental transfers given by the federal, the regional and the local authorities can be found, as well as the total given by all three levels of government together to the other sectors. For the federal government we obtained more precise data on the sectoral distribution of current and capital transfers given from the administration for the budget. The distribution by environmental domain was done on the basis of the analysis of the federal budget. We assumed this distribution to be the same for each of the receiving institutional sectors. For the local governments we have information from the local accounts on both the distribution by institutional

sector and by environmental domain.²¹ For the regions we have information on both the distribution by institutional sector and by environmental domain for the years 2001 and 2002. For the period 1997-2000 we only had the information concerning the distribution by environmental domain. As concerns the distribution by institutional sector, an estimate was made assuming the distribution of environmental transfers among the receiving institutional sectors to be the same as for all transfers.

We thus have a dataset on current and capital transfers given by the federal, the regional and the local administrations to all institutional sectors. Data which is lacking at this instance is data on transfers made by corporations and households. This can be remedied, at least for the current transfers, by adding data from the environmental tax accounts. Only earmarked taxes are included (Eurostat, 2002, p.99). As such current transfers received by the three levels of government from corporations and households can be determined. Current transfers received from other levels of government have been equated to current transfers given by these institutional sectors. However, for the local administrations we also have data on current transfers received from the local accounts. For those environmental domains for which the total was higher in the local accounts than the sum of earmarked environmental taxes and the transfers given by other levels of government, the total from the local accounts was kept intact, and the part exceeding the sum of transfers by the other institutional sectors was allocated to the category "received from other public administrations", which should be transfers among the local administrations. Capital transfers received by the local administrations have been taken from the local accounts, except for the capital transfers received from the federal level and the regions, which have been equated to capital transfers given by these levels of government to the local administrations. Capital transfers received by the federal government have been equated to capital transfers given by local and regional authorities. No other capital transfers have been registered. Capital transfers received by the regions were available by environmental domain from the analysis of the regional budgets. As concerns the distribution by institutional sector, an estimate was made assuming the distribution of environmental transfers among the receiving institutional sectors to be the same as for all transfers.

Evidently, total transfers given should be equal to total transfers received. As all data on current and capital transfers given by the three levels of government, as well as transfers received from the administrations by all non-government sectors together (corporations, households and international) are available in the national accounts, these data form the limits of the equilibration exercise. This exercise starts with the adjustment of the distribution of the transfers among the institutional sectors. Remember that for each separate government level we made an estimate of this distribution. The sum of the transfers from the government to the non-government sectors does not correspond exactly to the value found in the national accounts. The total from the national accounts is distributed among households, companies and foreign destinations on the basis of the distribution obtained from the separate government level data. The difference between the sum of total transfers given by each level of government and what is received by the non-government sectors is equal to the value of the transfers circulating between the three levels of government. This value is distributed among the three government levels on the basis of the distribution obtained from the separate government level data. As such we obtain a set of current and capital transfers received by each of the institutional sectors which is consistent with the national accounts data on transfers given by the three levels of government. These totals are finally redistributed among the institutional sectors providing the transfers. For the transfers going to non-government sectors this is simple. The totals are redistributed on the basis of the shares of each of the three government levels in total transfers given to the particular non-government sector, as found in the separate government level data. The same method is used to redistribute the transfers among the different government levels. The transfers by the non-government sectors to the government sectors are taken directly from the separate government level data, but they are adjusted by adding the difference between transfers among the government levels from the separate government level data and the transfers among the government levels consistent with the national accounts

²¹ Unfortunately the local accounts for 2001 and 2002 were not available yet at the time of the construction of this new version of the EPEA tables for Belgium. We were thus forced to use the same distribution as for the year 2000.

data, in order to obtain total transfers received. Each of the non-government sectors receives a share of this difference in line with its share in the separate government level data.²²

The allocation of the adjusted transfers received to the environmental domains is based on the separate government level data. Transfers to corporations are assumed to go entirely to NACE 90, the specialised producers, and are thus allocated to waste and water on the basis of the bel-first company register.

Table 31 presents the current transfers by institutional sectors that are necessary to complete table C. It is immediately clear that the main part of current transfers are paid by the corporations and the households. Their shares have nevertheless dropped between 1997 and 2002 from 38% to 29% for the former and from 32% to 28% for the latter. The share of the local authorities was fairly stable and accounted for approximately 20% of total current transfers, except in 2000, a year in which the federal government accounted for 25% of the total, whereas in the other years its share fluctuated around 10%. Current transfers were mainly to the benefit of the regions, although the corporations also received a large share. Over the years the share of the regions declined, while that of the corporations increased.

Table 31 : Current transfers by institutional sector (mill of euro)

1997 to	IC	Federal	Regions	Local	Corporations	NPI	Households	Total
From								
IC	-	0,00	0,00	0,00				0,00
Federal	1,32	-	0,00	6,23	45,24		0,00	52,79
Regions	0,40	0,67	-	19,49	0,00		0,00	20,56
Local	0,00	0,06	0,06	-	148,63		19,60	168,35
Corporations		0,64	308,75	0,00	-			309,40
NPI						-		0,00
Households		36,68	221,82	0,00			-	258,50
Total	1,72	38,05	530,64	25,72	193,88	0,00	19,60	

1998 To	IC	Federal	Regions	Local	Corporations	NPI	Households	Total
From								
IC	-	0,00	0,00	0,00				0,00
Federal	0,47	-	0,00	6,12	91,38		0,00	97,98
Regions	0,27	0,53	-	16,09	0,00		0,00	16,88
Local	0,00	0,90	0,90	-	138,31		18,65	158,77
Corp		0,66	281,17	0,00	-			281,83
NPI						-		0,00
Households		37,90	235,55	0,00			-	273,45
Total	0,74	39,99	517,62	22,22	229,69	0,00	18,65	

1999 To	IC	Federal	Regions	Local	Corporations	NPI	Households	Total
From								
IC	-	0,00	0,00	0,00				0,00
Federal	0,86	-	0,32	8,23	86,05		0,00	95,46
Regions	0,14	0,55	-	21,42	0,00		0,00	22,11
Local	0,00	1,35	1,35	-	126,33		21,68	150,70
Corporations		0,59	286,10	0,00	-			286,69
NPI						-		0,00
Households		33,86	236,19	0,00			-	270,05
Total	1,00	36,35	523,96	29,65	212,38	0,00	21,68	

²² It is not always possible to achieve this adjustment to total transfers received, because in some cases no transfers from non-government sectors were registered in the separate government level data. In such cases it is impossible to allocate the part taken away from transfers among government levels, in order to align the data with the national accounts, to non-government sectors. In other cases the national accounts adjusted transfers among the government levels are higher than total transfers received by a particular government level in the separate government level data. In those cases transfers by the non-government sectors were set to zero, even if they were registered in the separate government level data.

2000	To	IC	Federal	Regions	Local	Corporations	NPI	Households	Total
From									
IC		-	0,00	0,00	0,00				0,00
Federal		0,66	-	0,25	5,01	211,90		0,00	217,83
Regions		0,07	0,33	-	14,94	0,00		0,00	15,35
Local		0,00	1,18	1,18	-	111,65		12,97	126,98
Corporations			0,52	260,95	0,00	-			261,47
NPI							-		0,00
Households			29,50	222,72	0,00			-	252,22
Total		0,74	31,53	485,10	19,96	323,55	0,00	12,97	

2001	To	IC	Federal	Regions	Local	Corporations	NPI	Households	Total
From									
IC		-	0,00	0,00	0,00				0,00
Federal		14,66	-	0,00	10,41	35,31		1,80	62,18
Regions		0,39	0,00	-	13,60	76,79		2,03	92,81
Local		0,00	4,34	4,34	-	141,30		16,42	166,39
Corporations			0,57	241,66	0,00	-			242,23
NPI							-		0,00
Households			32,56	220,27	0,00			-	252,82
Total		15,06	37,46	466,26	24,01	253,40	0,00	20,24	

2002	To	IC	Federal	Regions	Local	Corporations	NPI	Households	Total
From									
IC		-	0,00	0,00	0,00				0,00
Federal		13,19	-	0,00	5,55	36,33		12,20	67,27
Regions		1,12	0,00	-	11,20	122,71		3,23	138,26
Local		0,00	2,67	2,67	-	140,32		16,30	161,97
Corporations			0,48	243,03	0,00	-			243,51
NPI							-		0,00
Households			27,67	208,52	0,00			-	236,19
Total		14,31	30,82	454,22	16,76	299,36	0,00	31,73	

Table 32 presents the capital transfers by the institutional sectors, necessary to complete table C. By far the largest part of capital transfers were provided by the regional authorities. Their share in total capital transfers was around 80% throughout the period, with a maximum of 91% in 2001. The corporations were the main beneficiary of these transfers. In 1997 they accounted for 65% of total capital transfers received. Over the years their share decreased to 51% in 2002. This happened to the benefit of the local administrations. Their share increased from 28% in 1997 to 40% in 2002.

Table 32 : Capital transfers by institutional sector (mill. of euro)

1997	To	IC	Federal	Regions	Local	Corporations	NPI	Households	Total
From									
IC		-	0.00	1.09	0.00				1.09
Federal		0.00	-	0.00	10.44	0.00		0.00	10.44
Regions		1.98	0.11	-	29.62	198.92		16.75	247.37
Local		0.00	0.07	0.00	-	0.17		0.10	0.35
Corporations			0.00	4.23	41.64	-			45.87
NPI							-		0.00
Households			0.00	0.00	0.00			-	0.00
Total		1.98	0.17	5.31	81.70	199.09	0.00	16.85	

1998	To	IC	Federal	Regions	Local	Corporations	NPI	Households	Total
From									
IC		-	0.00	0.56	0.00				0.56
Federal		0.00	-	0.00	12.01	2.83		0.00	14.83
Regions		0.78	0.10	-	26.32	142.32		12.44	181.96
Local		0.00	0.20	0.00	-	0.09		0.08	0.37
Corporations			0.00	7.18	18.49	-			25.67
NPI							-		0.00
Households			0.00	0.86	8.99			-	9.85
Total		0.78	0.30	8.59	65.81	145.23	0.00	12.52	

1999	To	IC	Federal	Regions	Local	Corporations	NPI	Households	Total
From									
IC		-	0.00	0.98	0.00				0.98
Federal		0.00	-	0.00	12.83	2.66		0.00	15.49
Regions		3.50	0.14	-	26.38	142.32		9.37	181.70
Local		0.00	0.21	0.00	-	0.42		0.30	0.94
Corporations			0.00	6.40	19.83	-			26.23
NPI							-		0.00
Households			0.00	0.69	2.71			-	3.40
Total		3.50	0.35	8.07	61.75	145.40	0.00	9.67	

2000	To	IC	Federal	Regions	Local	Corporations	NPI	Households	Total
From									
IC		-	0.00	4.73	0.00				4.73
Federal		0.00	-	0.00	11.27	0.64		0.00	11.91
Regions		3.37	0.12	-	27.52	146.42		10.56	187.99
Local		0.00	0.22	0.00	-	0.33		0.32	0.87
Corporations			0.00	2.48	23.86	-			26.34
NPI							-		0.00
Households			0.00	0.86	3.26			-	4.12
Total		3.37	0.34	8.07	65.92	147.38	0.00	10.88	

2001	To	IC	Federal	Regions	Local	Corporations	NPI	Households	Total
From									
IC		-	0.00	3.34	0.00				3.34
Federal		0.00	-	0.00	7.88	0.29		0.00	8.18
Regions		0.00	0.00	-	123.46	185.04		69.72	378.23
Local		0.00	0.16	0.00	-	0.78		0.76	1.70
Corporations			0.00	18.74	0.00	-			18.74
NPI							-		0.00
Households			0.00	1.71	0.00			-	1.71
Total		0.00	0.16	23.80	131.34	186.11	0.00	70.49	

2002	To	IC	Federal	Regions	Local	Corporations	NPI	Households	Total
From									
IC		-	0.00	0.71	0.00				0.71
Federal		0.00	-	0.00	9.43	0.59		0.00	10.02
Regions		0.00	0.00	-	71.96	178.78		26.38	277.11
Local		0.00	0.21	0.00	-	0.38		0.37	0.97
Corporations			0.00	3.73	51.74	-			55.47
NPI							-		0.00
Households			0.00	0.55	7.08			-	7.62
Total		0.00	0.21	4.98	140.20	179.75	0.00	26.75	

With the help of the above transfer tables we were able to complete Table C, which brings to bear the financing of national expenditure for environmental protection. Table 33 shows this table for the six years under investigation.

The expenditure of the specialised producers corresponds to the gross fixed capital formation and land acquisition. It is by convention financed by the specialised producers themselves. Transfers among the different institutional actors lead to a deviation from the values in table A. The entry for the federal government in the first column for instance corresponds to the gross fixed capital formation by the federal government minus capital transfers received from the regions, the local authorities, private enterprises, and abroad, plus capital transfers given by the federal government to the regions and the local authorities. For the other levels of government an analogous calculation is made. The rest of the first column is filled with the capital transfers given by the other institutional sectors to the public sector. Capital transfers received from international cooperation are registered in the row marked "Rest of the world". The second column shows how capital formation by NACE 90 is financed. For the other institutional sectors capital transfers to corporations were entered. In the row "Corporations", these transfers were deducted from total capital formation by NACE 90. Since all transfers to the corporations are allocated to NACE 90, financing by this sector can be seen as a lower limit.

The expenditure of the other producers corresponds to capital formation and intermediate consumption by the non-specialized producers and the intermediate consumption of the non-characteristic producers. The total values were taken from table A, since we assume these producers do not receive any transfers. Financing by the other producers can thus be interpreted as an upper limit. Expenditure of non-characteristic producers was split between corporations and the government on the basis of their share in the intermediate consumption of good 90A01. The non-characteristic expenditure of the government was distributed over the three levels of government according to their total intermediate consumption.

The consumption expenditure by the households corresponds to their total final consumption from table A. The rows for the other institutional sectors contain the current transfers to the households, as well as the capital transfers. The latter are included here because the households are assumed only to consume environmental protection services and not to invest. The row for the households contains total final consumption minus these transfers.

The consumption expenditure of the government corresponds to the collective consumption of EP services. Transfers among the different institutional actors again lead to a deviation from the values in table A. The entry for the federal government in the sixth column for instance corresponds to the environmental output by the federal government minus current transfers received from the regions, the local authorities, private enterprises, the households and abroad, plus current transfers given by the federal government to the regions and the local authorities. For the other levels of government an analogous calculation is made. The rest of the sixth column is filled with the current transfers given by the other institutional sectors to the public sector. Current transfers received from international cooperation are registered in the row marked "Rest of the world".

The uses by the rest of the world are equal to the sum of the current and capital transfers for international cooperation by the different domestic institutional sectors.

Table 33 shows that in the period under investigation more than 60% of national expenditure for environmental protection was financed by the corporations. The share of the government rose from 12% in 1997 to 17% in 2002. The regional governments were the most important contributor among the three levels of government, and their importance increased over the period investigated. Their share increased from 6% in 1997 to 11% in 2002. The share of the federal government was only positive during 2001 and 2002, but it remained as negligible as it had been the years before. The share of the local governments decreased from 7% in 1997 to 6% in 2002, after having risen to 8% in the intermittent period. The share of the households in the financing of total environmental protection expenditure declined from 25% in 1997 to 20% in 2002.

Table 33 : Table C financing of national expenditure for environmental protection (mill. of euro)

FINANCING UNITS	1997		USERS					Total	of which current
	Spec.prod.		other producers		Consumers		Rest of the world		
	government	NACE90	non-spec.	non-charact.	households	government			
1. General government	118	199	0	111	36	-53	4	416	56
Federal government	13	0		1	0	-26	1	-10	-34
Regions	36	199		51	17	-112	2	194	-73
Local government	68	0		59	20	85	0	232	163
2. NPISHs									
3. Corporations	46	242	1146	388	0	309	0	2131	1502
Specialized producers		242							
Other producers			1146	388					
4. Households	0	0	0	0	610	259	0	869	869
NATIONAL EXPENDITURE	164	441	1146	499	647	515	4	3415	2427
Rest of the world	1	0	0	0	0	0		1	0
Uses of resident units	165	441	1146	499	647	515	4	3416	2427

FINANCING UNITS	1998		USERS						Total	of which current
	Spec.prod.		other producers		Consumers		Rest of the world			
	government	NACE90	non-spec.	non-charact.	households	government				
1. General government	231	145	0	129	31	23	2	561	145	
Federal government	12	3		1	0	-28	0	-12	-39	
Regions	96	142		57	12	-60	1	249	-17	
Local government	123	0		71	19	112	0	325	201	
2. NPISHs										
3. Corporations	26	207	1789	228	0	282	0	2531	1934	
Specialized producers		207								
Other producers			1789	228						
4. Households	10	0	0	0	688	273	0	971	961	
NATIONAL EXPENDITURE	267	352	1789	357	719	579	2	4063	3040	
Rest of the world	1	0	0	0	0	0		1	0	
Uses of resident units	267	352	1789	357	719	579	2	4064	3040	

FINANCING UNITS	1999		USERS					Total	of which current
	Spec.prod.		other producers		Consumers		Rest of the world		
	government	NACE90	non-spec.	non-charact.	households	government			
1. General government	240	145	0	144	31	62	5	627	199
Federal government	13	3		1	0	-21	1	-4	-33
Regions	82	142		71	9	-28	4	280	26
Local government	145	0		73	22	112	0	352	206
2. NPISHs									
3. Corporations	26	272	1882	255	0	287	0	2722	2170
Specialized producers		272							
Other producers			1882	255					
4. Households	3	0	0	0	671	270	0	944	941
NATIONAL EXPENDITURE	269	418	1882	399	702	619	5	4294	3310
Rest of the world	1	0	0	0	0	0		1	0
Uses of resident units	270	418	1882	399	702	619	5	4295	3310

2000		USERS							
FINANCING UNITS	Spec.prod.		other producers		Consumers		Rest of the world	Total	of which current
	government	NACE90	non-spec.	non-charact.	households	government			
1. General government	269	147	0	161	24	237	4	843	384
Federal government	11	1		1	0	-20	1	-6	-30
Regions	86	146		90	11	122	3	459	196
Local government	172	0		70	13	135	0	390	218
2. NPISHs									
3. Corporations	26	356	1999	285	0	261	0	2927	2325
Specialized producers		356							
Other producers			1999	285					
4. Households	4	0	0	0	717	252	0	973	969
NATIONAL EXPENDITURE	300	503	1999	446	741	751	4	4744	3677
Rest of the world	5	0	0	0	0	0		5	0
Uses of resident units	305	503	1999	446	741	751	4	4748	3677

2001		USERS							
FINANCING UNITS	Spec.prod.		other producers		Consumers		Rest of the world	Total	of which current
	government	NACE90	non-spec.	non-charact.	households	government			
1. General government	257	186	0	183	91	288	15	1021	446
Federal government	9	0		1	2	-23	15	3	-14
Regions	189	185		92	72	140	0	679	181
Local government	58	1		91	17	172	0	338	279
2. NPISHs									
3. Corporations	19	438	2581	325	0	242	0	3604	2678
Specialized producers		438							
Other producers			2581	325					
4. Households	2	0	0	0	849	253	0	1104	1102
NATIONAL EXPENDITURE	277	624	2581	508	940	783	15	5729	4226
Rest of the world	3	0	0	0	0	0		3	0
Uses of resident units	281	624	2581	508	940	783	15	5732	4226

2002		USERS							
FINANCING UNITS	Spec.prod.		other producers		Consumers		Rest of the world	Total	of which current
	government	NACE90	non-spec.	non-charact.	households	government			
1. General government	206	180	0	199	58	307	14	964	497
Federal government	11	1		1	12	-32	13	5	-15
Regions	170	179		97	30	158	1	634	213
Local government	25	0		102	17	181	0	325	299
2. NPISHs									
3. Corporations	55	275	2630	352	0	244	0	3556	2779
Specialized producers		275							
Other producers			2630	352					
4. Households	8	0	0	0	898	236	0	1142	1135
NATIONAL EXPENDITURE	269	455	2630	551	957	786	14	5662	4411
Rest of the world	1	0	0	0	0	0		1	0
Uses of resident units	270	455	2630	551	957	786	14	5663	4411

III. Analysis

This chapter relates the EPEA data to economic data on the one hand and to air pollution data on the other. Part A assesses the relative importance of environmental protection expenditure by investigation of the share of this type of expenditure in total expenditure. Part B investigates whether a relationship can be found between expenditure for air protection and the air pollution which it is supposed to address.

A. The importance of environmental protection expenditure

In this part we link the data presented above to other economic data in order to put the funds devoted to environmental protection expenditure in perspective. This is done both for households, the government and the corporations. For the latter we also assess the importance of environmental protection expenditure by industry.

Table 34 presents the evolution during the period 1997-2002 of the relative importance of total national expenditure for environmental protection (NEPE), as well as of environmental protection expenditure by the households (EPEhh), the government (EPEg) and the corporations (EPEc). For the households consumption (EPEgcons) and investment (EPEginv) were evaluated separately. For the corporations this was done for intermediate consumption (EPEcint) and investment (EPEcinv).

Table 34 : The importance of environmental protection expenditure (total, households, government, corporations)

	1997	1998	1999	2000	2001	2002
NEPE as a share of GDP	1.57	1.80	1.82	1.91	2.26	2.18
EPEhh as a share of household consumption	0.55	0.59	0.55	0.55	0.68	0.68
EPEgcons as a share of public consumption	1.12	1.22	1.24	1.44	1.42	1.35
EPEginv as a share of public investment	4.78	7.63	6.38	6.68	7.00	6.57
EPEcint as a share of total intermediate consumption by corporations	0.53	0.67	0.71	0.66	0.74	0.77
EPEcinv as a share of total investment by corporations	1.76	1.54	1.36	1.38	2.06	1.75

National expenditure for environmental protection increased substantially during the period under investigation. It rose from 1.6% of GDP in 1997 to 2.2% of GDP in 2002, after peaking at 2.3% the year before that. The share of environmental protection expenditure in total household consumption was stable at 0.55 % during the period 1997-2000, although there was a peak of 0.59% in 1998. During the last two years a larger share of household consumption was spent on environmental expenditure. Environmental expenditure also became more important in the consumption by the government. Its share rose from 1.1% in 1997 to 1.4% in the period 2000-2002, although in the course of the latter period the trend was a decreasing one. Except for 1997 government environmental protection investment accounted for between 6 and 8% of total government investment. The share of environmental protection investment by the corporations in their total investment decreased from 1.8% in 1997 to 1.4% in 2000. Thereafter its share regained its 1997 level after reaching a peak of 2.1% in 2001. Intermediate environmental protection expenditure by the corporations became more important during the period investigated. It increased from 0.5% to 0.8% of total intermediate consumption.

Table 35 presents the importance of environmental protection output in total output, as well as the importance of environmental protection investment in total investment for the ancillary producers. As concerns investment we present the 1997-2001 average. The year 2002 is not included because this was estimated assuming a fixed ratio of environmental investment in total investment. For environmental output the average is for 1999 and 2001. Including the other years is of no use as these were estimated assuming a fixed ratio of environmental output to total output.

Table 35 : The importance of environmental protection expenditure (industries)

	EPO as a share of total output	EPI as a share of total investment
10-14	0.11	1.1
15-16	0.44	5.0
17-19	0.18	1.6
20	0.23	1.9
21-22	0.26	1.0
23	0.34	5.8
24-25	0.72	4.4
26	0.11	2.8
27	0.45	6.1
28-36	0.12	1.2
40-41	0.75	2.8

The share of environmental protection output in total output was highest for the electricity and water industry (NACE 40-41) and the chemical and rubber and plastic products industry (NACE 24-25). Around three quarters of a percent of their output was of an environmental nature. The basic metals industry (NACE 27) and the food, beverages and tobacco industry (NACE 15-16) followed with about half of a percent of their output devoted to the environment. As concerns investment the highest ratio was found for the basic metals industry. It devoted over six percent on average to environmental protection, followed closely by the coke and refined petroleum products sector (NACE 23). In third place we find the food, beverages and tobacco industry (NACE 15-16), which devoted five percent of its investments to environmental protection. The chemical and rubber and plastic products industry invested almost four and a half percent in environmental protection.

B. The relationship between expenditure for air protection and air pollution

In this part the data on expenditure for air protection by the Belgian industries are combined with data from the NAMEA Air for Belgium.²³ We try to assess whether the most polluting industries have spent more on air protection than the less polluting, and whether the industries which have spent most have also had the highest impact on air pollution. Air pollution is measured by 13 individual pollutants (CO₂, N₂O, CH₄, HFCs, NO_x, SO_x, NH₃, NMVOCs, CO, PM₁₀, CFCs, HCFCs and Pb) and 5 air pollution indices (three greenhouse gas indices, one potential acidification index, and one potential photochemical pollution index).²⁴

The same set of industries was used as presented in table 35, and once again we made the distinction between current expenditure and investment. However, this time only the part related to air protection was taken into account. The degree to which industries are devoted to combatting air pollution is thus measured by the share of air protection output in total output on the one hand, and by the share of investment for air protection in total investment on the other. The degree to which the industries are more or less air polluting is measured by the inverse absolute eco-efficiency with respect to value added.²⁵

The first question we addressed was whether the industries with the lowest eco-efficiency, or in other words, those industries showing the largest amount of air pollution per unit of value added in 1997, could also be identified as the industries spending most on air protection in later years. For each of the 13 individual pollutants and each of the 5 pollution indices we calculated a set of correlations between the inverse absolute eco-efficiency in 1997 and the average importance of the two types of environmental expenditure in the

²³ See: Gilis, S. and G. Vandille (2006)

²⁴ More information on these different kinds of air pollution can be found in Gilis, S and G. Vandille (2006).

²⁵ The inverse absolute eco-efficiency with respect to value added shows the amount of pollution emitted, expressed in (thousands of) tons, per unit of value added, expressed in millions of euros at constant 2000 prices.

periods 1997-2002, 1998-2002, 1999-2002, 2000-2002 and 2001-2002.²⁶ When the correlation is found to be positive the more polluting industries have spent more on air protection.

Table 36 shows that there is indeed a clear positive correlation between expenditure for air protection in the period 1997-2002 and the degree to which industries were pollutive in 1997. Industry differences in eco-efficiency with respect to acidifying and photochemical pollution have been translated in differences across the industries with respect to the share of investment for air protection in total investment. There was no significant correlation with current expenditure. With respect to greenhouse gases, however, the industry eco-efficiency differences were translated mainly in differences with respect to the share of current expenditure for air protection in total current expenditure. For investment the correlation is also positive, but it is significantly lower.

Table 36 : Have polluting industries spent more on air protection ?

		Average Correlation coefficient
Greenhouse gas 1	Investment	0.34
	Current expenditure	0.85
Greenhouse gas 2	Investment	0.36
	Current expenditure	0.85
Greenhouse gas 3	Investment	0.25
	Current expenditure	0.90
Acidification	Investment	0.80
	Current expenditure	-0.10
Photochemical pollution	Investment	0.91
	Current expenditure	0.02

Table 37 presents the average correlation coefficients for the individual greenhouse gases. The first three gases are part of all three greenhouse gas indices. HFCs and SF₆ are part of greenhouse gas index 2 and 3, while CFCs and HCFCs are only part of index 3. The high correlation between the importance of air protecting current expenditure and the inverse eco-efficiency observed for the three greenhouse gas indices is to a large extent due to emissions of N₂O and HCFCs. In contrast, differences in eco-efficiency with respect to CO₂ were translated into differences as concerns the importance of air protecting investment.

Table 37 : Eco-efficiency for individual greenhouse gases and air protecting expenditure

		Average correlation coefficient
CO ₂	Investment	0.83
	Current expenditure	0.08
N ₂ O	Investment	0.26
	Current expenditure	0.81
CH ₄	Investment	0.34
	Current expenditure	0.16
HFCs	Investment	0.10
	Current expenditure	0.42
SF ₆	Investment	0.19
	Current expenditure	0.18
CFCs	Investment	0.13
	Current expenditure	0.41
HCFCs	Investment	0.02
	Current expenditure	0.92

Table 38 shows that such differences also exist between individual acidifying pollutants. The high correlation between the importance of air protective investment and the inverse eco-efficiency for this type of air pollution is due to NO_x en SO_x, while industry eco-efficiency differences for NH₃ were translated into differences as concerns the importance of air protective current expenditure. Interesting here is also that the correlation coefficient increased for NO_x and decreased for SO_x as investment data from years more remote

²⁶ We used different time period averages because it is possible that for some particular type of pollutant action against its emissions were only taken after 1997. For most of the pollutants the correlations are fairly stable, and hence we used the average of the correlation coefficients.

from 1997 were included. This seems to suggest that early on in the 1997-2002 period action was taken more against SOx emissions, while in the later years NOx emissions were focused upon.

Table 38 : Eco-efficiency for individual acidifying gases and air protecting expenditure

		Average correlation coefficient
NOx	Investment	0.67
	Current expenditure	0.10
SOx	Investment	0.75
	Current expenditure	-0.16
NH ₃	Investment	0.21
	Current expenditure	0.82

NOx and CH₄ are also photochemical pollutants. For both pollutants the correlation coefficient is clearly higher for investment. Table 39 shows that this is also the case for the other two photochemical pollutants, NMVOCs and CO. NMVOCs are the only type of photochemical pollutant for which the correlation declines as data from years further remote from 1997 are added. For the other three the correlation increases.

Table 39 contains two more pollutants. As can be seen, industries with a relatively low level of eco-efficiency with respect to lead emissions in 1997 invested a relatively large share in air protection. For particulate matter there is also a positive correlation. The correlation increases sharply as investment data for years more remote from 1997 are included.

Table 39 : Eco-efficiency for individual air pollutants and air protection expenditure

		Average correlation coefficient
NMVOCs	Investment	0.42
	Current expenditure	-0.03
CO	Investment	0.67
	Current expenditure	-0.02
PM ₁₀	Investment	0.30
	Current expenditure	-0.21
Pb	Investment	0.68
	Current expenditure	-0.03

So, the global picture shows that industries which are relatively air polluting have indeed spent a relatively larger share of their total expenditure on protection of the air than industries which are less air polluting. This is a reassuring observation. The most polluting industries are putting in most effort to reduce their environmental impact. The question remains open of course whether these efforts lead to the result that is strived for.

In order to address this question a set of correlations were calculated between the relative importance of investment and current expenditure for air protection on the one hand and the percentage change in the inverse eco-efficiency on the other hand. Eight different correlations were calculated for each of the two types of expenditure. In the tables below we present the average. Half of these correlations relate changes in the inverse eco-efficiency to expenditure prior to these changes. This means we link the 1998-2002 change to the average relative importance of expenditure for air protection in the period 1997-1998, the 1999-2002 change to the 1997-1999 average, the 2000-2002 change to the 1997-2000 average, and the 2001-2002 change to the 1997-2001 average. The other half relate changes to averages in 3 overlapping periods, the 1997-2002 change to the 1997-2002 average, the 1998-2002 change to the 1997-2001 average, the 1999-2002 change to the 1997-2000 average, and finally the 2000-2001 change to the 1997-1999 average.

If expenditure was effective, we should find negative correlations between the change in the inverse eco-efficiency and the relative importance of air protection. The industries spending more on air protection should have been able to increase their eco-efficiency most, or in other words, should have been able to reduce the amount of emissions per unit of value added most. Table 40 shows that the correlations are in general lower than in the previous tables. They are negative for current expenditure.

Table 40 : Expenditure on air protection and percentage changes in eco-efficiency

		Average Correlation coefficient
Greenhouse gas 1	Investment	0.15
	Current expenditure	-0.49
Greenhouse gas 2	Investment	-0.16
	Current expenditure	-0.53
Greenhouse gas 3	Investment	0.16
	Current expenditure	-0.62
Acidification	Investment	0.14
	Current expenditure	-0.41
Photochemical pollution	Investment	0.11
	Current expenditure	-0.43

This implies that industries which have spent a larger share of current expenditure on air protection have obtained larger increases of their air pollution related eco-efficiency. For greenhouse gases this seems logical, as we already observed that the greenhouse gas intensive industries have devoted a larger share of their current expenditure to air protection than less greenhouse gas intensive. However, for acidification and photochemical pollution we expected a negative correlation for investment, as the acidifying and photochemical pollution intensive industries were observed to have devoted a larger share of investment to air protection than the less intensive industries. This is not the case. For these types of air pollution it are also the industries which have devoted a larger share of current expenditure to air protection which have obtained the largest eco-efficiency increases.

In the calculations for table 40 we assumed there to be a relation between the relative importance of environmental expenditure and the percentage change in the inverse eco-efficiency. One could question the fact that the percentage change is expected to be equal when the relative importance of environmental expenditure is equal. One could also expect an equal relative importance of environmental expenditure to lead to an equal absolute change in the amount of emissions per unit of value added. Table 41 seems to suggest that this is closer to the truth, at least as concerns greenhouse gases. The negative correlations are clearly stronger. The industries which have spent a larger share of their current expenditure to air protection have obtained larger decreases in the amount of greenhouse gas emissions per unit of value added than the industries with a smaller share. For acidifying and photochemical pollution the correlations are slightly lower than in the case where we used the percentage change.

Table 41 : Expenditure on air protection and absolute changes in eco-efficiency

		Average Correlation coefficient
Greenhouse gas 1	Investment	0.28
	Current expenditure	-0.77
Greenhouse gas 2	Investment	0.28
	Current expenditure	-0.74
Greenhouse gas 3	Investment	0.11
	Current expenditure	-0.91
Acidification	Investment	-0.06
	Current expenditure	-0.38
Photochemical pollution	Investment	0.04
	Current expenditure	-0.40

For the individual pollutants we did not find any significant average correlation between the share of investment devoted to air protection and the change in eco-efficiency when using percentage changes. Using the absolute changes we do, albeit only for PM10 (-0.44) and lead (-0.67). For some other pollutants individual correlations also pointed towards the effectiveness of air protecting investment, but taking the average over the eight correlations made this impression disappear. Averaging over the correlation coefficients is used here as a kind of robustness test.

On the basis of the evidence presented we can thus conclude that expenditure on protection against greenhouse gas emissions has been effective, while for acidifying emissions and photochemical pollution this does not seem to be the case. For the latter two types of emissions it are not the largest polluting industries, which have invested most in combatting air pollution, which have achieved the highest improvements.

IV. Conclusion

The present publication presents the Belgian environmental protection expenditure accounts (EPEA) for the period 1997-2002. It extends and improves the previous version of the Belgian EPEA, which stretched from 1997 to 2000. Important changes with respect to this previous study are the inclusion of environmental tax data, which has had an important impact on the distribution of financing among the different institutional sectors of the economy (the government, the corporations and the households), as well as the use of more recent input-output tables and supply-use tables, which has led to the inclusion of more industries as secondary producers of environmental protection services.

Environmental protection output in Belgium has risen from year to year during the period 1997-2002. As a consequence, it exceeded its 1997 level by 85% in 2002. The share of the corporations increased from two thirds to three quarters of total output. Waste has been the environmental domain in which output has been highest, although its share fell back from 68% in 1997 to 64% in 2002. Water has been the second most important domain. Its importance increased considerably during the period under investigation. Its share rose from 16% in 1997 to 24% in 2002. The domain "other", consisting for a large part of administrative costs, accounted for 8% in 1997. Its share decreased to 6% in 2002. Only a relatively small part of production, namely 2-3%, was devoted to air protection.

The evolution of investment was somewhat more erratic than for output, but the trend was nevertheless also positive. In 2002 environmental protection investment in Belgium exceeded its 1997 level by almost a quarter. The share of the corporations decreased in the period 1997-2000. However, in 2001 and 2002 it rebounded to just below its 1997 level. Environmental protection investment was mainly focused on water protection. More than half of total investment was devoted to this domain. In 2002 water protection even absorbed 63% of total environmental protection investment. Waste was the second most important environmental domain. Its share rose from 23% to 30% in 2001, only to fall back to 20% in 2002. The share of investment devoted to air protection was 15% and 19% in 1997 and 1998 respectively. In the following years its share declined to around 10%.

As a consequence of the increase in both output and investment, Belgian national expenditure for environmental protection increased substantially. In 2002 it was about two thirds higher than in 1997. This increase was mainly due to the corporations, the share of which reached 64% in 2002, while the shares of the public administrations and the households declined slightly. National expenditure for environmental protection has risen from 3.4 billions of euros in 1997 to 5.7 billions of euros in 2002. In order to assess whether this increase implies that environmental costs have risen, we related it to the evolution of GDP. This measure indeed shows that environmental protection expenditure has become more important, as its share in GDP rose from 1.6% in 1997 to 2.2% in 2002.

When we consider the importance of environmental protection expenditure for households, the public administrations and the corporations separately, we notice that although corporations have been the main contributors to both environmental protection output and investment, the importance in total intermediate consumption and investment was clearly lower than for the public administrations. For the latter the share of environmental protection investment in total investment was 6.5% on average during the 1997-2002 period, while for the corporations this was only 1.6%. The share of environmental consumption as a share of total government consumption was 1.3% on average during that same period, while the share of environmental consumption in intermediate consumption for the corporations was only 0.7%. The share of environmental protection expenditure by the households in total household consumption was even lower, reaching only 0.6% on average between 1997 and 2002.

Transfers between the institutional sectors imply that the structure of financing of expenditure differs from the one for expenditure itself. Nevertheless, in each of the six years more than half of national expenditure for environmental protection was financed by the corporations. In the period 1997-1999 their share in financing was even higher than their share in expenditure, which implies that transfers were flowing from the corporations to the other institutional sectors. As from the year 2000 the opposite is true. Nevertheless, the share of the corporations in financing of national expenditure for environmental protection was still as high as 63% in 2002. The share of the government rose from 12% in 1997 to 20% in 2000, after which it declined to 17% in 2002. In the period 1997-1999 the local governments were the most important contributors among the three levels of government, accounting for around half of total government financing. They were overtaken by the regional governments in 2000. In the following years the regional governments remained the most important contributors among the three levels of government. Their share in total government financing of environmental protection expenditure increased to two thirds. The share of the federal government was equal to 4-5% in the period 1997-2000, but thereafter its share dwindled to about half a percent of total government financing. The share of the households in the financing of total environmental protection expenditure declined from a quarter in 1997 to a fifth in 2002.

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Annex 15 : Industry classification based on NACE rev.1

Annex 1 : The Classification of Environmental Protection Activities and Expenditure, CEPA 2000

1 PROTECTION OF AMBIENT AIR AND CLIMATE	5 NOISE AND VIBRATION ABATEMENT (excl. work place protect.)
1.1 Prevention of pollution through in process modifications	5.1 Preventive in process modifications at the source
1.1.1 for the protection of ambient air	5.1.1 Road and rail traffic
1.1.2 for the protection of climate and ozone layer	5.1.2 Air traffic
1.2 Treatment of exhaust gases and ventilation air	5.1.3 Industrial and other noise
1.2.1 for the protection of ambient air	5.2 Construction of anti noise/vibration facilities
1.2.2 for the protection of climate an ozone layer	5.2.1 Road and rail traffic
1.3 Measurement, control, labouratories and the like	5.2.2 Air traffic
1.4 Other activities	5.2.3 Industrial and other noise
2 WASTEWATER MANAGEMENT	5.3 Measurement, control, labouratories and the like
2.1 Prevention of pollution through in process modifications	5.4 Other activities
2.2 Sewerage networks	6 PROTECTION OF BIODIVERSITY AND LANDSCAPES
2.3 Wastewater treatment	6.1 Protection and rehabilitation of species and habitats
2.4 Treatment of cooling water	6.2 Protection of natural and semi-natural landscapes
2.5 Measurement, control, labouratories and the like	6.3 Measurement, control, labouratories and the like
2.6 Other activities	6.4 Other activities
3 WASTE MANAGEMENT	7 PROTECTION AGAINST RADIATION (excl. external safety)
3.1 Prevention of pollution through in process modifications	7.1 Protection of air ambient media
3.2 Collection and transport	7.2 Transport and treatment of high level radioactive waste
3.3 Treatment and disposal of hazardous waste	7.3 Measurement, control, labouratories and the like
3.3.1 Thermal treatment	7.4 Other activities
3.3.2 Landfill	8 RESEARCH AND DEVELOPMENT
3.3.3 Other treatment and disposal	8.1 Protection of ambient air and climate
3.4 Treatment and disposal of non-hazardous waste	8.1.1 Protection of ambient air
3.4.1 Thermal treatment	8.1.2 Protection of atmosphere and climate
3.4.2 Landfill	8.2 Protection of water
3.4.3 Other treatment and disposal	8.3 Waste
3.5 Measurement, control, labouratories and the like	8.4 Protection of soil and groundwater
3.6 Other activities	8.5 Abatement of noise and vibration
4 PROTECTION AND REMEDIATION OF SOIL, GROUNDWATER AND SURFACE WATER	8.6 Protection of species and habitats
4.1 Prevention of pollutant infiltration	8.7 Protection against radiation
4.2 Cleaning up of soil and water bodies	8.8 Other research on the environment
4.3 Protection of soil from erosion and other physical degradation	9 OTHER ENVIRONMENTAL PROTECTION ACTIVITIES
4.4 Prevention and remediation of soil salinity	9.1 General environmental administration and management
4.5 Measurement, control, labouratories and the like	9.1.1 General administration, regulation and the like
4.6 Other activities	9.1.2 Environment management
	9.2 Education, training and information
	9.3 Activities leading to indivisible expenditure
	9.4 Activities not elsewhere classified

Annex 2 : Ancillary production by NACE 10-14 (in mio euros)

1997	NACE10-14	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	0.14	0.26	0.01	0.00	0.15	0.55
1.1.4	Other taxes on production	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.02
1.1.2	Compensation of employees	0.00	0.00	0.05	0.09	0.00	0.00	0.05	0.19
1.1.3	Consumption of fixed capital	0.00	0.00	0.01	0.02	0.00	0.00	0.01	0.05
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	0.20	0.38	0.02	0.00	0.21	0.81
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	0.20	0.38	0.02	0.00	0.21	0.81
1.2.2.1	non-market	0.00	0.00	0.20	0.38	0.02	0.00	0.21	0.81
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	0.03	0.26	0.04	0.00	0.00	0.33
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	0.23	0.64	0.06	0.00	0.21	1.14
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1998	NACE10-14	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	0.13	0.24	0.01	0.00	0.14	0.51
1.1.4	Other taxes on production	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.02
1.1.2	Compensation of employees	0.00	0.00	0.05	0.08	0.00	0.00	0.05	0.18
1.1.3	Consumption of fixed capital	0.00	0.00	0.01	0.03	0.00	0.00	0.01	0.05
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	0.19	0.36	0.02	0.00	0.20	0.77
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	0.19	0.36	0.02	0.00	0.20	0.77
1.2.2.1	non-market	0.00	0.00	0.19	0.36	0.02	0.00	0.20	0.77
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	0.00	0.15	0.02	0.00	0.00	0.17
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								

3	Financing by producers	0.00	0.00	0.19	0.50	0.04	0.00	0.20	0.94
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1999	NACE10-14	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	0.14	0.26	0.01	0.00	0.14	0.55
1.1.4	Other taxes on production	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.03
1.1.2	Compensation of employees	0.00	0.00	0.04	0.08	0.00	0.00	0.05	0.18
1.1.3	Consumption of fixed capital	0.00	0.00	0.01	0.03	0.00	0.00	0.02	0.06
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	0.20	0.38	0.02	0.00	0.21	0.81
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	0.20	0.38	0.02	0.00	0.21	0.81
1.2.2.1	non-market	0.00	0.00	0.20	0.38	0.02	0.00	0.21	0.81
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	0.00	0.01	0.60	0.00	0.00	0.61
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	0.20	0.39	0.61	0.00	0.21	1.42
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2000	NACE10-14	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	0.14	0.26	0.01	0.00	0.15	0.56
1.1.4	Other taxes on production	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.03
1.1.2	Compensation of employees	0.00	0.00	0.05	0.09	0.00	0.00	0.05	0.18
1.1.3	Consumption of fixed capital	0.00	0.00	0.02	0.03	0.00	0.00	0.02	0.06
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	0.21	0.38	0.02	0.00	0.22	0.83
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	0.21	0.38	0.02	0.00	0.22	0.83
1.2.2.1	non-market	0.00	0.00	0.21	0.38	0.02	0.00	0.22	0.83
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	0.00	0.26	0.30	0.00	0.00	0.57
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	0.21	0.65	0.32	0.00	0.22	1.40
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2001	NACE10-14	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	0.14	0.26	0.01	0.00	0.15	0.56
1.1.4	Other taxes on production	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.02
1.1.2	Compensation of employees	0.00	0.00	0.04	0.08	0.00	0.00	0.04	0.17
1.1.3	Consumption of fixed capital	0.00	0.00	0.02	0.03	0.00	0.00	0.02	0.06
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	0.20	0.38	0.02	0.00	0.21	0.82
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	0.20	0.38	0.02	0.00	0.21	0.82
1.2.2.1	non-market	0.00	0.00	0.20	0.38	0.02	0.00	0.21	0.82
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	0.00	0.71	0.82	0.00	0.01	1.54
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	0.20	1.09	0.83	0.00	0.23	2.36
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2002	NACE10-14	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	0.15	0.27	0.01	0.00	0.15	0.58
1.1.4	Other taxes on production	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.03
1.1.2	Compensation of employees	0.00	0.00	0.04	0.08	0.00	0.00	0.04	0.17
1.1.3	Consumption of fixed capital	0.00	0.00	0.02	0.03	0.00	0.00	0.02	0.06
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	0.21	0.39	0.02	0.00	0.22	0.84
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	0.21	0.39	0.02	0.00	0.22	0.84
1.2.2.1	non-market	0.00	0.00	0.21	0.39	0.02	0.00	0.22	0.84
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

	payments)								
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	0.00	0.85	0.97	0.00	0.02	1.84
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	0.21	1.24	0.99	0.00	0.24	2.69
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Annex 3 : Ancillary production by NACE 15-16 (in mio euros)

1997	NACE15-16	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0,00	0,00	7,98	8,27	2,65	0,00	4,99	23,89
1.1.4	Other taxes on production	0,00	0,00	0,05	0,05	0,02	0,00	0,03	0,16
1.1.2	Compensation of employees	0,00	0,00	1,21	1,26	0,40	0,00	0,76	3,64
1.1.3	Consumption of fixed capital	0,00	0,00	0,37	0,38	0,12	0,00	0,23	1,10
1.1.5	Less other subsidies on production	0,00	0,00	0,02	0,02	0,01	0,00	0,01	0,05
1.1.6	Net operating surplus	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
1.2	Output (basic price or cost of production)	0,00	0,00	9,60	9,95	3,18	0,00	6,00	28,73
1.2.1	Non-environmental output	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
1.2.2	Environmental protection output	0,00	0,00	9,60	9,95	3,18	0,00	6,00	28,73
1.2.2.1	non-market	0,00	0,00	9,60	9,95	3,18	0,00	6,00	28,73
1.2.2.2	market	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
1.3	Current environmental protection resources	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
1.3.1	Market output (including partial payments)	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
1.3.2	Current transfers	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
2	Capital transactions								
2.1	Gross fixed capital formation	0,00	0,00	5,96	14,26	2,24	0,00	0,65	23,11
2.2	Other capital uses	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
2.3	Investment grants received	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
2.4	Other capital transfers received								
3	Financing by producers	0,00	0,00	15,56	24,21	5,42	0,00	6,65	51,83
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1998	NACE15-16	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	8.07	8.37	2.68	0.00	5.05	24.17
1.1.4	Other taxes on production	0.00	0.00	0.06	0.06	0.02	0.00	0.03	0.17
1.1.2	Compensation of employees	0.00	0.00	1.25	1.29	0.41	0.00	0.78	3.74
1.1.3	Consumption of fixed capital	0.00	0.00	0.39	0.41	0.13	0.00	0.25	1.18
1.1.5	Less other subsidies on production	0.00	0.00	0.02	0.02	0.01	0.00	0.01	0.07
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	9.75	10.10	3.23	0.00	6.10	29.18
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	9.75	10.10	3.23	0.00	6.10	29.18
1.2.2.1	non-market	0.00	0.00	9.75	10.10	3.23	0.00	6.10	29.18
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	4.00	17.53	4.02	0.00	0.99	26.53
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	13.75	27.63	7.25	0.00	7.09	55.72
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
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1999	NACE15-16	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	7.35	7.62	2.44	0.00	4.60	22.02
1.1.4	Other taxes on production	0.00	0.00	0.08	0.08	0.02	0.00	0.00	0.18
1.1.2	Compensation of employees	0.00	0.00	29.36	30.42	9.74	0.00	0.80	70.32
1.1.3	Consumption of fixed capital	0.00	0.00	0.42	0.44	0.14	0.00	0.26	1.26
1.1.5	Less other subsidies on production	0.00	0.00	0.02	0.02	0.01	0.00	0.01	0.07
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	37.19	38.54	12.34	0.00	5.65	93.71
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	37.19	38.54	12.34	0.00	5.65	93.71
1.2.2.1	non-market	0.00	0.00	37.19	38.54	12.34	0.00	5.65	93.71
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	2.00	18.12	1.83	0.00	0.74	22.69
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	39.19	56.66	14.17	0.00	6.39	116.40
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2000	NACE15-16	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	8.52	8.83	2.83	0.00	5.33	25.50
1.1.4	Other taxes on production	0.00	0.00	0.07	0.07	0.02	0.00	0.04	0.19
1.1.2	Compensation of employees	0.00	0.00	1.29	1.33	0.43	0.00	0.81	3.85
1.1.3	Consumption of fixed capital	0.00	0.00	0.46	0.47	0.15	0.00	0.28	1.36
1.1.5	Less other subsidies on production	0.00	0.00	0.02	0.02	0.01	0.00	0.01	0.05
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	10.31	10.68	3.42	0.00	6.45	30.86
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	10.31	10.68	3.42	0.00	6.45	30.86
1.2.2.1	non-market	0.00	0.00	10.31	10.68	3.42	0.00	6.45	30.86
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	2.30	12.69	2.21	0.00	1.50	18.71
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	12.61	23.38	5.63	0.00	7.95	49.57
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2001	NACE15-16	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	36.09	37.40	11.97	0.00	22.57	108.04
1.1.4	Other taxes on production	0.00	0.00	0.23	0.24	0.08	0.00	0.14	0.69
1.1.2	Compensation of employees	0.00	0.00	5.34	5.53	1.77	0.00	3.34	15.99
1.1.3	Consumption of fixed capital	0.00	0.00	1.89	1.96	0.63	0.00	1.18	5.65
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	43.55	45.13	14.45	0.00	27.24	130.37
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	43.55	45.13	14.45	0.00	27.24	130.37
1.2.2.1	non-market	0.00	0.00	43.55	45.13	14.45	0.00	27.24	130.37
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	25.16	138.80	24.21	0.00	16.43	204.60
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	68.72	183.93	38.65	0.00	43.67	334.97
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2002	NACE15-16	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	34.88	36.15	11.57	0.00	21.82	104.41
1.1.4	Other taxes on production	0.00	0.00	0.24	0.24	0.08	0.00	0.15	0.71
1.1.2	Compensation of employees	0.00	0.00	5.32	5.52	1.77	0.00	3.33	15.93
1.1.3	Consumption of fixed capital	0.00	0.00	1.84	1.91	0.61	0.00	1.15	5.51
1.1.5	Less other subsidies on production	0.00	0.00	0.04	0.04	0.01	0.00	0.03	0.12
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	42.24	43.77	14.01	0.00	26.42	126.44
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	42.24	43.77	14.01	0.00	26.42	126.44
1.2.2.1	non-market	0.00	0.00	42.24	43.77	14.01	0.00	26.42	126.44
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								

2.1	Gross fixed capital formation	0.00	0.00	25.05	138.15	24.09	0.00	16.35	203.64
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	67.29	181.92	38.10	0.00	42.77	330.08
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Annex 4 : Ancillary production by NACE 17-19 (in mio euros)

1997	NACE17-19	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	1.94	3.15	0.40	0.00	0.18	5.67
1.1.4	Other taxes on production	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.03
1.1.2	Compensation of employees	0.00	0.00	0.46	0.74	0.09	0.00	0.04	1.33
1.1.3	Consumption of fixed capital	0.00	0.00	0.12	0.19	0.02	0.00	0.01	0.35
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	2.52	4.09	0.52	0.00	0.24	7.36
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	2.52	4.09	0.52	0.00	0.24	7.36
1.2.2.1	non-market	0.00	0.00	2.52	4.09	0.52	0.00	0.24	7.36
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	2.42	3.35	0.51	0.00	2.43	8.71
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	4.94	7.44	1.03	0.00	2.66	16.08
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1998	NACE17-19	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	2.03	3.30	0.42	0.00	0.19	5.94
1.1.4	Other taxes on production	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.03
1.1.2	Compensation of employees	0.00	0.00	0.47	0.76	0.10	0.00	0.04	1.38
1.1.3	Consumption of fixed capital	0.00	0.00	0.13	0.21	0.03	0.00	0.01	0.37
1.1.5	Less other subsidies on production	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.02
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	2.64	4.28	0.54	0.00	0.25	7.70
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	2.64	4.28	0.54	0.00	0.25	7.70
1.2.2.1	non-market	0.00	0.00	2.64	4.28	0.54	0.00	0.25	7.70
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	1.60	4.53	0.91	0.00	0.27	7.31
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	4.24	8.81	1.45	0.00	0.52	15.02
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1999	NACE17-19	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	1.98	3.22	0.41	0.00	0.18	5.79
1.1.4	Other taxes on production	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.03
1.1.2	Compensation of employees	0.00	0.00	0.47	0.76	0.10	0.00	0.04	1.37
1.1.3	Consumption of fixed capital	0.00	0.00	0.14	0.23	0.03	0.00	0.01	0.41
1.1.5	Less other subsidies on production	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.02
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	2.59	4.21	0.53	0.00	0.24	7.58
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	2.59	4.21	0.53	0.00	0.24	7.58
1.2.2.1	non-market	0.00	0.00	2.59	4.21	0.53	0.00	0.24	7.58
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	0.26	2.38	0.98	0.00	1.16	4.77
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	2.85	6.59	1.51	0.00	1.40	12.35
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2000	NACE17-19	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	2.04	3.31	0.42	0.00	0.19	5.95
1.1.4	Other taxes on production	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.03
1.1.2	Compensation of employees	0.00	0.00	0.45	0.74	0.09	0.00	0.04	1.32
1.1.3	Consumption of fixed capital	0.00	0.00	0.15	0.24	0.03	0.00	0.01	0.43
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	2.64	4.29	0.54	0.00	0.25	7.73
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	2.64	4.29	0.54	0.00	0.25	7.73
1.2.2.1	non-market	0.00	0.00	2.64	4.29	0.54	0.00	0.25	7.73
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	1.44	4.42	2.66	0.00	0.07	8.58
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	4.08	8.72	3.20	0.00	0.32	16.31
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2001	NACE17-19	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	6.34	10.29	1.30	0.00	0.59	18.52
1.1.4	Other taxes on production	0.00	0.00	0.03	0.05	0.01	0.00	0.00	0.08
1.1.2	Compensation of employees	0.00	0.00	1.43	2.32	0.29	0.00	0.13	4.17
1.1.3	Consumption of fixed capital	0.00	0.00	0.49	0.80	0.10	0.00	0.05	1.44
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	8.28	13.45	1.70	0.00	0.77	24.22
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	8.28	13.45	1.70	0.00	0.77	24.22
1.2.2.1	non-market	0.00	0.00	8.28	13.45	1.70	0.00	0.77	24.22
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	1.20	3.71	2.23	0.00	0.06	7.19
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	9.49	17.16	3.93	0.00	0.83	31.41
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2002	NACE17-19	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	6.07	9.86	1.25	0.00	0.57	17.75
1.1.4	Other taxes on production	0.00	0.00	0.03	0.05	0.01	0.00	0.00	0.09
1.1.2	Compensation of employees	0.00	0.00	1.39	2.26	0.29	0.00	0.13	4.06
1.1.3	Consumption of fixed capital	0.00	0.00	0.51	0.83	0.11	0.00	0.05	1.49
1.1.5	Less other subsidies on production	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.04
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	7.99	12.97	1.64	0.00	0.75	23.35
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	7.99	12.97	1.64	0.00	0.75	23.35
1.2.2.1	non-market	0.00	0.00	7.99	12.97	1.64	0.00	0.75	23.35
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	0.95	2.92	1.75	0.00	0.05	5.67
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	8.94	15.89	3.40	0.00	0.79	29.02
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Annex 5 : Ancillary production by NACE 20 (in mio euros)

1997	NACE20	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	2.20	0.06	0.94	0.00	0.77	3.97
1.1.4	Other taxes on production	0.00	0.00	0.02	0.00	0.01	0.00	0.01	0.03
1.1.2	Compensation of employees	0.00	0.00	0.59	0.02	0.25	0.00	0.21	1.06
1.1.3	Consumption of fixed capital	0.00	0.00	0.22	0.01	0.09	0.00	0.08	0.39
1.1.5	Less other subsidies on production	0.00	0.00	0.04	0.00	0.02	0.00	0.02	0.08
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	2.98	0.09	1.27	0.00	1.05	5.38
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	2.98	0.09	1.27	0.00	1.05	5.38
1.2.2.1	non-market	0.00	0.00	2.98	0.09	1.27	0.00	1.05	5.38
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	0.24	0.18	0.90	0.00	0.07	1.40
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	3.22	0.27	2.17	0.00	1.12	6.77
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1998	NACE20	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	2.33	0.07	1.00	0.00	0.82	4.21
1.1.4	Other taxes on production	0.00	0.00	0.02	0.00	0.01	0.00	0.01	0.03
1.1.2	Compensation of employees	0.00	0.00	0.61	0.02	0.26	0.00	0.21	1.10
1.1.3	Consumption of fixed capital	0.00	0.00	0.22	0.01	0.10	0.00	0.08	0.41
1.1.5	Less other subsidies on production	0.00	0.00	0.06	0.00	0.03	0.00	0.02	0.11
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	3.12	0.09	1.33	0.00	1.10	5.64
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	3.12	0.09	1.33	0.00	1.10	5.64
1.2.2.1	non-market	0.00	0.00	3.12	0.09	1.33	0.00	1.10	5.64
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	5.00	1.85	1.82	0.00	0.82	9.48
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	8.12	1.94	3.15	0.00	1.91	15.12
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1999	NACE20	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	2.45	0.07	1.05	0.00	0.86	4.43
1.1.4	Other taxes on production	0.00	0.00	0.02	0.00	0.01	0.00	0.01	0.03
1.1.2	Compensation of employees	0.00	0.00	0.63	0.02	0.27	0.00	0.22	1.15
1.1.3	Consumption of fixed capital	0.00	0.00	0.23	0.01	0.10	0.00	0.08	0.42
1.1.5	Less other subsidies on production	0.00	0.00	0.06	0.00	0.03	0.00	0.02	0.12
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	3.27	0.09	1.40	0.00	1.15	5.91
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	3.27	0.09	1.40	0.00	1.15	5.91
1.2.2.1	non-market	0.00	0.00	3.27	0.09	1.40	0.00	1.15	5.91
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	0.10	0.09	1.01	0.00	0.21	1.40
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	3.37	0.19	2.41	0.00	1.36	7.32
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2000	NACE20	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	2.89	0.08	1.23	0.00	1.01	5.22
1.1.4	Other taxes on production	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.02
1.1.2	Compensation of employees	0.00	0.00	0.60	0.02	0.26	0.00	0.21	1.09
1.1.3	Consumption of fixed capital	0.00	0.00	0.25	0.01	0.11	0.00	0.09	0.45
1.1.5	Less other subsidies on production	0.00	0.00	0.02	0.00	0.01	0.00	0.01	0.03
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	3.73	0.11	1.60	0.00	1.31	6.75
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	3.73	0.11	1.60	0.00	1.31	6.75
1.2.2.1	non-market	0.00	0.00	3.73	0.11	1.60	0.00	1.31	6.75
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	0.35	0.76	1.16	0.00	0.24	2.51
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	4.09	0.86	2.75	0.00	1.55	9.26
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2001	NACE20	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	2.41	0.07	1.03	0.00	0.85	4.37
1.1.4	Other taxes on production	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.02
1.1.2	Compensation of employees	0.00	0.00	0.50	0.01	0.21	0.00	0.18	0.91
1.1.3	Consumption of fixed capital	0.00	0.00	0.20	0.01	0.09	0.00	0.07	0.36
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	3.13	0.09	1.34	0.00	1.10	5.65
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	3.13	0.09	1.34	0.00	1.10	5.65
1.2.2.1	non-market	0.00	0.00	3.13	0.09	1.34	0.00	1.10	5.65
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	0.25	0.55	0.84	0.00	0.17	1.81
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	3.38	0.64	2.17	0.00	1.27	7.47
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2002	NACE20	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	2.37	0.07	1.01	0.00	0.83	4.28
1.1.4	Other taxes on production	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.02
1.1.2	Compensation of employees	0.00	0.00	0.50	0.01	0.21	0.00	0.17	0.90
1.1.3	Consumption of fixed capital	0.00	0.00	0.19	0.01	0.08	0.00	0.07	0.35
1.1.5	Less other subsidies on production	0.00	0.00	0.02	0.00	0.01	0.00	0.01	0.04
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	3.05	0.09	1.30	0.00	1.07	5.51
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	3.05	0.09	1.30	0.00	1.07	5.51
1.2.2.1	non-market	0.00	0.00	3.05	0.09	1.30	0.00	1.07	5.51
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

	protection resources								
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	0.18	0.39	0.59	0.00	0.12	1.29
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	3.23	0.48	1.90	0.00	1.19	6.80
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Annex 6 : Ancillary production by NACE 21-22 (in mio euros)

1997	NACE21-22	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	0.00	4.81	1.32	0.00	0.33	6.47
1.1.4	Other taxes on production	0.00	0.00	0.00	0.04	0.01	0.00	0.00	0.05
1.1.2	Compensation of employees	0.00	0.00	0.00	1.69	0.47	0.00	0.12	2.27
1.1.3	Consumption of fixed capital	0.00	0.00	0.00	0.39	0.11	0.00	0.03	0.52
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.03	0.01	0.00	0.00	0.04
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	0.00	6.89	1.90	0.00	0.48	9.27
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	0.00	6.89	1.90	0.00	0.48	9.27
1.2.2.1	non-market	0.00	0.00	0.00	6.89	1.90	0.00	0.48	9.27
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	1.51	2.31	0.62	0.00	0.05	4.49
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	1.51	9.20	2.52	0.00	0.52	13.76
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1998	NACE21-22	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	0.00	5.08	1.40	0.00	0.35	6.83
1.1.4	Other taxes on production	0.00	0.00	0.00	0.04	0.01	0.00	0.00	0.05
1.1.2	Compensation of employees	0.00	0.00	0.00	1.73	0.48	0.00	0.12	2.33
1.1.3	Consumption of fixed capital	0.00	0.00	0.00	0.43	0.12	0.00	0.03	0.57
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.03	0.01	0.00	0.00	0.05
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	0.00	7.24	1.99	0.00	0.50	9.74
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	0.00	7.24	1.99	0.00	0.50	9.74
1.2.2.1	non-market	0.00	0.00	0.00	7.24	1.99	0.00	0.50	9.74
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	2.98	3.14	0.20	0.00	0.06	6.38
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	2.98	10.38	2.20	0.00	0.56	16.12
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1999	NACE21-22	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	0.00	5.55	1.53	0.00	0.38	7.46
1.1.4	Other taxes on production	0.00	0.00	0.00	0.04	0.01	0.00	0.00	0.05
1.1.2	Compensation of employees	0.00	0.00	0.00	1.80	0.49	0.00	0.12	2.42
1.1.3	Consumption of fixed capital	0.00	0.00	0.00	7.35	2.02	0.00	0.51	9.88
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.04	0.01	0.00	0.00	0.05
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	0.00	14.70	4.05	0.00	1.02	19.76
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	0.00	14.70	4.05	0.00	1.02	19.76
1.2.2.1	non-market	0.00	0.00	0.00	14.70	4.05	0.00	1.02	19.76
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	3.21	0.72	2.81	0.00	1.07	7.81
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	3.21	15.42	6.86	0.00	2.08	27.57
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2000	NACE21-22	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	0.00	7.00	1.93	0.00	0.48	9.41
1.1.4	Other taxes on production	0.00	0.00	0.00	0.04	0.01	0.00	0.00	0.05
1.1.2	Compensation of employees	0.00	0.00	0.00	1.82	0.50	0.00	0.13	2.45
1.1.3	Consumption of fixed capital	0.00	0.00	0.00	0.51	0.14	0.00	0.04	0.69
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.03
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	0.00	9.35	2.57	0.00	0.65	12.57
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	0.00	9.35	2.57	0.00	0.65	12.57
1.2.2.1	non-market	0.00	0.00	0.00	9.35	2.57	0.00	0.65	12.57
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	1.24	3.62	11.00	0.00	0.56	16.42
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	1.24	12.97	13.57	0.00	1.20	28.99
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2001	NACE21-22	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	0.00	19.95	5.49	0.00	1.38	26.82
1.1.4	Other taxes on production	0.00	0.00	0.00	0.10	0.03	0.00	0.01	0.13
1.1.2	Compensation of employees	0.00	0.00	0.00	5.44	1.50	0.00	0.38	7.32
1.1.3	Consumption of fixed capital	0.00	0.00	0.00	1.57	0.43	0.00	0.11	2.11
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	0.00	27.06	7.45	0.00	1.87	36.38
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	0.00	27.06	7.45	0.00	1.87	36.38
1.2.2.1	non-market	0.00	0.00	0.00	27.06	7.45	0.00	1.87	36.38
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	0.21	0.61	1.86	0.00	0.09	2.78
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	0.21	27.67	9.31	0.00	1.97	39.15
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2002	NACE21-22	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	0.00	18.27	5.03	0.00	1.26	24.57
1.1.4	Other taxes on production	0.00	0.00	0.00	0.10	0.03	0.00	0.01	0.14
1.1.2	Compensation of employees	0.00	0.00	0.00	5.19	1.43	0.00	0.36	6.98
1.1.3	Consumption of fixed capital	0.00	0.00	0.00	1.53	0.42	0.00	0.11	2.06
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.06	0.02	0.00	0.00	0.09
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	0.00	25.03	6.89	0.00	1.73	33.65
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	0.00	25.03	6.89	0.00	1.73	33.65
1.2.2.1	non-market	0.00	0.00	0.00	25.03	6.89	0.00	1.73	33.65
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	0.24	0.71	2.16	0.00	0.11	3.22
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	0.24	25.74	9.05	0.00	1.84	36.87
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Annex 7 : Ancillary production by NACE 23 (in mio euros)

1997	NACE23	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	20.65	0.40	0.15	0.00	0.00	21.19
1.1.4	Other taxes on production	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.05
1.1.2	Compensation of employees	0.00	0.00	1.08	0.02	0.01	0.00	0.00	1.11
1.1.3	Consumption of fixed capital	0.00	0.00	0.38	0.01	0.00	0.00	0.00	0.39
1.1.5	Less other subsidies on production	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.04
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	22.12	0.42	0.16	0.00	0.00	22.70
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	22.12	0.42	0.16	0.00	0.00	22.70
1.2.2.1	non-market	0.00	0.00	22.12	0.42	0.16	0.00	0.00	22.70
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	0.22	6.32	4.00	0.00	0.00	10.54
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	22.34	6.74	4.16	0.00	0.00	33.24
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1998	NACE23	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	16.02	0.31	0.12	0.00	0.00	16.44
1.1.4	Other taxes on production	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.05
1.1.2	Compensation of employees	0.00	0.00	1.07	0.02	0.01	0.00	0.00	1.10
1.1.3	Consumption of fixed capital	0.00	0.00	0.39	0.01	0.00	0.00	0.00	0.40
1.1.5	Less other subsidies on production	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.11
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	17.41	0.33	0.13	0.00	0.00	17.87
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	17.41	0.33	0.13	0.00	0.00	17.87
1.2.2.1	non-market	0.00	0.00	17.41	0.33	0.13	0.00	0.00	17.87
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	0.14	5.22	13.71	0.00	0.00	19.08
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	17.56	5.56	13.84	0.00	0.00	36.95
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1999	NACE23	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	20.47	0.39	0.15	0.00	0.00	21.01
1.1.4	Other taxes on production	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.05
1.1.2	Compensation of employees	0.00	0.00	1.07	0.02	0.01	0.00	0.00	1.10
1.1.3	Consumption of fixed capital	0.00	0.00	0.40	0.01	0.00	0.00	0.00	0.42
1.1.5	Less other subsidies on production	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.11
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	21.88	0.42	0.16	0.00	0.00	22.46
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	21.88	0.42	0.16	0.00	0.00	22.46
1.2.2.1	non-market	0.00	0.00	21.88	0.42	0.16	0.00	0.00	22.46
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	1.12	9.17	4.42	0.00	0.12	14.82
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	23.00	9.59	4.58	0.00	0.12	37.28
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2000	NACE23	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	38.73	0.74	0.28	0.00	0.00	39.75
1.1.4	Other taxes on production	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.06
1.1.2	Compensation of employees	0.00	0.00	1.04	0.02	0.01	0.00	0.00	1.06
1.1.3	Consumption of fixed capital	0.00	0.00	0.43	0.01	0.00	0.00	0.00	0.44
1.1.5	Less other subsidies on production	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.10
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	40.16	0.77	0.29	0.00	0.00	41.23
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	40.16	0.77	0.29	0.00	0.00	41.23
1.2.2.1	non-market	0.00	0.00	40.16	0.77	0.29	0.00	0.00	41.23
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	0.94	0.99	0.72	0.00	0.04	2.69
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	41.11	1.76	1.01	0.00	0.04	43.91
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2001	NACE23	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	60.58	1.16	0.44	0.00	0.00	62.18
1.1.4	Other taxes on production	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.09
1.1.2	Compensation of employees	0.00	0.00	2.02	0.04	0.01	0.00	0.00	2.08
1.1.3	Consumption of fixed capital	0.00	0.00	0.76	0.01	0.01	0.00	0.00	0.78
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	63.45	1.22	0.46	0.00	0.00	65.12
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	63.45	1.22	0.46	0.00	0.00	65.12
1.2.2.1	non-market	0.00	0.00	63.45	1.22	0.46	0.00	0.00	65.12
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	1.58	1.65	1.20	0.00	0.07	4.50
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	65.02	2.87	1.66	0.00	0.07	69.62
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2002	NACE23	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	55.99	1.07	0.41	0.00	0.00	57.46
1.1.4	Other taxes on production	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.09
1.1.2	Compensation of employees	0.00	0.00	1.88	0.04	0.01	0.00	0.00	1.93
1.1.3	Consumption of fixed capital	0.00	0.00	0.75	0.01	0.01	0.00	0.00	0.77
1.1.5	Less other subsidies on production	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.09
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	58.62	1.12	0.42	0.00	0.00	60.17
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	58.62	1.12	0.42	0.00	0.00	60.17
1.2.2.1	non-market	0.00	0.00	58.62	1.12	0.42	0.00	0.00	60.17
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	1.27	1.34	0.97	0.00	0.05	3.63
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	59.89	2.46	1.40	0.00	0.05	63.80
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Annex 8 : Ancillary production by NACE 24-25 (in mio euros)

1997	NACE24-25	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	5.37	26.01	52.44	33.30	0.00	30.22	147.34
1.1.4	Other taxes on production	0.00	0.04	0.18	0.36	0.23	0.00	0.20	1.00
1.1.2	Compensation of employees	0.00	1.40	6.79	13.69	8.69	0.00	7.89	38.46
1.1.3	Consumption of fixed capital	0.00	0.29	1.42	2.86	1.82	0.00	1.65	8.03
1.1.5	Less other subsidies on production	0.00	0.00	0.02	0.04	0.03	0.00	0.02	0.12
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	7.09	34.37	69.30	44.01	0.00	39.94	194.71
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	7.09	34.37	69.30	44.01	0.00	39.94	194.71
1.2.2.1	non-market	0.00	7.09	34.37	69.30	44.01	0.00	39.94	194.71
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	15.79	77.28	47.98	0.00	5.45	146.50
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	7.09	50.16	146.58	91.99	0.00	45.39	341.21
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1998	NACE24-25	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	5.50	26.67	53.77	34.15	0.00	30.99	151.08
1.1.4	Other taxes on production	0.00	0.03	0.16	0.33	0.21	0.00	0.19	0.93
1.1.2	Compensation of employees	0.00	1.42	6.86	13.83	8.78	0.00	7.97	38.86
1.1.3	Consumption of fixed capital	0.00	0.34	1.63	3.29	2.09	0.00	1.90	9.25
1.1.5	Less other subsidies on production	0.00	0.01	0.04	0.07	0.05	0.00	0.04	0.21
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	7.28	35.29	71.15	45.18	0.00	41.01	199.92
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	7.28	35.29	71.15	45.18	0.00	41.01	199.92
1.2.2.1	non-market	0.00	7.28	35.29	71.15	45.18	0.00	41.01	199.92
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	24.86	47.35	46.90	0.00	4.15	123.27
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2.4	Other capital transfers received								
3	Financing by producers	0.00	7.28	60.15	118.51	92.08	0.00	45.16	323.18
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1999	NACE24-25	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	5.74	27.83	56.12	35.64	0.00	32.34	157.67
1.1.4	Other taxes on production	0.00	0.04	0.17	0.35	0.22	0.00	0.20	0.98
1.1.2	Compensation of employees	0.00	1.48	7.19	14.49	9.20	0.00	8.35	40.71
1.1.3	Consumption of fixed capital	0.00	0.38	1.82	3.67	2.33	0.00	2.12	10.31
1.1.5	Less other subsidies on production	0.00	0.01	0.04	0.08	0.05	0.00	0.04	0.21
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	7.63	36.98	74.55	47.34	0.00	42.96	209.46
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	7.63	36.98	74.55	47.34	0.00	42.96	209.46
1.2.2.1	non-market	0.00	7.63	36.98	74.55	47.34	0.00	42.96	209.46
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	17.47	42.93	20.04	0.00	1.91	82.35
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	7.63	54.44	117.48	67.38	0.00	44.88	291.81
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2000	NACE24-25	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	7.66	37.12	74.84	47.53	0.00	43.13	210.28
1.1.4	Other taxes on production	0.00	0.04	0.20	0.40	0.26	0.00	0.23	1.14
1.1.2	Compensation of employees	0.00	1.55	7.50	15.12	9.60	0.00	8.71	42.48
1.1.3	Consumption of fixed capital	0.00	0.41	1.99	4.01	2.55	0.00	2.31	11.27
1.1.5	Less other subsidies on production	0.00	0.01	0.03	0.05	0.03	0.00	0.03	0.14
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	9.65	46.79	94.33	59.90	0.00	54.36	265.03
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	9.65	46.79	94.33	59.90	0.00	54.36	265.03
1.2.2.1	non-market	0.00	9.65	46.79	94.33	59.90	0.00	54.36	265.03
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								

2.1	Gross fixed capital formation	0.00	0.00	14.71	25.76	16.79	0.00	2.33	59.58
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	9.65	61.49	120.09	76.69	0.00	56.69	324.61
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2001	NACE24-25	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	7.78	37.71	76.03	48.28	0.00	43.81	213.61
1.1.4	Other taxes on production	0.00	0.04	0.19	0.38	0.24	0.00	0.22	1.07
1.1.2	Compensation of employees	0.00	1.67	8.11	16.35	10.38	0.00	9.42	45.93
1.1.3	Consumption of fixed capital	0.00	0.44	2.14	4.32	2.75	0.00	2.49	12.15
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	9.93	48.15	97.08	61.65	0.00	55.95	272.75
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	9.93	48.15	97.08	61.65	0.00	55.95	272.75
1.2.2.1	non-market	0.00	9.93	48.15	97.08	61.65	0.00	55.95	272.75
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	21.61	37.86	24.67	0.00	3.42	87.56
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	9.93	69.76	134.93	86.31	0.00	59.37	360.30
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2002	NACE24-25	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	7.33	35.53	71.63	45.49	0.00	41.28	201.25
1.1.4	Other taxes on production	0.00	0.04	0.19	0.38	0.24	0.00	0.22	1.07
1.1.2	Compensation of employees	0.00	1.58	7.67	15.47	9.83	0.00	8.92	43.47
1.1.3	Consumption of fixed capital	0.00	0.42	2.06	4.15	2.63	0.00	2.39	11.65
1.1.5	Less other subsidies on production	0.00	0.01	0.03	0.06	0.04	0.00	0.03	0.16
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	9.37	45.42	91.57	58.15	0.00	52.77	257.29
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	9.37	45.42	91.57	58.15	0.00	52.77	257.29
1.2.2.1	non-market	0.00	9.37	45.42	91.57	58.15	0.00	52.77	257.29
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	21.91	38.37	25.01	0.00	3.47	88.75
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	9.37	67.32	129.95	83.16	0.00	56.24	346.04
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Annex 9 : Ancillary production by NACE 26 (in mio euros)

1997	NACE26	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	0.63	0.00	0.00	0.00	0.87	1.49
1.1.4	Other taxes on production	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.02
1.1.2	Compensation of employees	0.00	0.00	0.22	0.00	0.00	0.00	0.31	0.53
1.1.3	Consumption of fixed capital	0.00	0.00	0.06	0.00	0.00	0.00	0.08	0.14
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	0.92	0.00	0.00	0.00	1.26	2.18
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	0.92	0.00	0.00	0.00	1.26	2.18
1.2.2.1	non-market	0.00	0.00	0.92	0.00	0.00	0.00	1.26	2.18
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	2.20	1.11	12.01	0.00	0.28	15.60
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	3.11	1.11	12.01	0.00	1.55	17.78
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1998	NACE26	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	0.65	0.00	0.00	0.00	0.90	1.55
1.1.4	Other taxes on production	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.01
1.1.2	Compensation of employees	0.00	0.00	0.23	0.00	0.00	0.00	0.32	0.55
1.1.3	Consumption of fixed capital	0.00	0.00	0.06	0.00	0.00	0.00	0.09	0.15
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	0.95	0.00	0.00	0.00	1.31	2.26
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	0.95	0.00	0.00	0.00	1.31	2.26
1.2.2.1	non-market	0.00	0.00	0.95	0.00	0.00	0.00	1.31	2.26

1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	1.58	1.68	10.20	0.00	0.10	13.56
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	2.53	1.68	10.20	0.00	1.41	15.82
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1999	NACE26	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	0.66	0.00	0.00	0.00	0.91	1.57
1.1.4	Other taxes on production	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.02
1.1.2	Compensation of employees	0.00	0.00	0.23	0.00	0.00	0.00	0.32	0.55
1.1.3	Consumption of fixed capital	0.00	0.00	0.06	0.00	0.00	0.00	0.09	0.15
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	0.96	0.00	0.00	0.00	1.32	2.28
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	0.96	0.00	0.00	0.00	1.32	2.28
1.2.2.1	non-market	0.00	0.00	0.96	0.00	0.00	0.00	1.32	2.28
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	0.57	2.53	7.86	0.00	0.79	11.74
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	1.53	2.53	7.86	0.00	2.11	14.02
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2000	NACE26	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	0.73	0.00	0.00	0.00	1.01	1.74
1.1.4	Other taxes on production	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.02
1.1.2	Compensation of employees	0.00	0.00	0.24	0.00	0.00	0.00	0.32	0.56
1.1.3	Consumption of fixed capital	0.00	0.00	0.07	0.00	0.00	0.00	0.09	0.16
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

1.2	Output (basic price or cost of production)	0.00	0.00	1.04	0.00	0.00	0.00	1.44	2.48
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	1.04	0.00	0.00	0.00	1.44	2.48
1.2.2.1	non-market	0.00	0.00	1.04	0.00	0.00	0.00	1.44	2.48
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	1.24	1.03	10.14	0.00	0.15	12.56
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	2.28	1.03	10.14	0.00	1.59	15.04
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2001	NACE26	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	3.62	0.00	0.00	0.00	4.99	8.60
1.1.4	Other taxes on production	0.00	0.00	0.06	0.00	0.00	0.00	0.08	0.14
1.1.2	Compensation of employees	0.00	0.00	1.17	0.00	0.00	0.00	1.62	2.79
1.1.3	Consumption of fixed capital	0.00	0.00	0.33	0.00	0.00	0.00	0.45	0.78
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	5.18	0.00	0.00	0.00	7.14	12.32
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	5.18	0.00	0.00	0.00	7.14	12.32
1.2.2.1	non-market	0.00	0.00	5.18	0.00	0.00	0.00	7.14	12.32
1.2.2.2	Market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	1.51	1.25	12.32	0.00	0.19	15.26
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	6.69	1.25	12.32	0.00	7.33	27.58
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2002	NACE26	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	3.33	0.00	0.00	0.00	4.59	7.92
1.1.4	Other taxes on production	0.00	0.00	0.06	0.00	0.00	0.00	0.08	0.14

1.1.2	Compensation of employees	0.00	0.00	1.12	0.00	0.00	0.00	1.54	2.66
1.1.3	Consumption of fixed capital	0.00	0.00	0.32	0.00	0.00	0.00	0.45	0.77
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	4.83	0.00	0.00	0.00	6.66	11.49
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	4.83	0.00	0.00	0.00	6.66	11.49
1.2.2.1	non-market	0.00	0.00	4.83	0.00	0.00	0.00	6.66	11.49
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	1.24	1.02	10.12	0.00	0.15	12.53
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	6.07	1.02	10.12	0.00	6.81	24.02
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Annex 10 : Ancillary production by NACE 27 (in mio euros)

1997	NACE27	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.10	7.14	8.28	3.01	0.00	2.33	20.86
1.1.4	Other taxes on production	0.00	0.00	0.05	0.06	0.02	0.00	0.02	0.15
1.1.2	Compensation of employees	0.00	0.02	1.61	1.86	0.68	0.00	0.52	4.69
1.1.3	Consumption of fixed capital	0.00	0.00	0.31	0.36	0.13	0.00	0.10	0.90
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.13	9.10	10.56	3.84	0.00	2.97	26.59
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.13	9.10	10.56	3.84	0.00	2.97	26.59
1.2.2.1	non-market	0.00	0.13	9.10	10.56	3.84	0.00	2.97	26.59
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	1.91	8.32	24.56	0.00	0.50	35.29
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.13	11.01	18.88	28.39	0.00	3.46	61.88
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1998	NACE27	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.10	7.46	8.66	3.14	0.00	2.43	21.80
1.1.4	Other taxes on production	0.00	0.00	0.05	0.06	0.02	0.00	0.02	0.15
1.1.2	Compensation of employees	0.00	0.02	1.59	1.85	0.67	0.00	0.52	4.65
1.1.3	Consumption of fixed capital	0.00	0.00	0.32	0.38	0.14	0.00	0.11	0.95
1.1.5	Less other subsidies on production	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.02
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.13	9.42	10.93	3.97	0.00	3.07	27.52
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.13	9.42	10.93	3.97	0.00	3.07	27.52
1.2.2.1	non-market	0.00	0.13	9.42	10.93	3.97	0.00	3.07	27.52
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	1.95	7.49	13.38	0.00	0.80	23.63
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.13	11.37	18.42	17.35	0.00	3.88	51.15
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1999	NACE27	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.10	7.26	8.42	3.06	0.00	2.37	21.21
1.1.4	Other taxes on production	0.00	0.00	0.06	0.07	0.02	0.00	0.02	0.17
1.1.2	Compensation of employees	0.00	0.02	1.56	1.81	0.66	0.00	0.51	4.55
1.1.3	Consumption of fixed capital	0.00	0.00	0.36	0.41	0.15	0.00	0.12	1.04
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.13	9.23	10.70	3.89	0.00	3.01	26.96
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.13	9.23	10.70	3.89	0.00	3.01	26.96
1.2.2.1	non-market	0.00	0.13	9.23	10.70	3.89	0.00	3.01	26.96
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	2.18	5.24	31.99	0.00	0.46	39.87
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.13	11.41	15.94	35.88	0.00	3.47	66.83
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2000	NACE27	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.11	8.10	9.40	3.42	0.00	2.64	23.68
1.1.4	Other taxes on production	0.00	0.00	0.06	0.07	0.03	0.00	0.02	0.19
1.1.2	Compensation of employees	0.00	0.02	1.57	1.83	0.66	0.00	0.51	4.60
1.1.3	Consumption of fixed capital	0.00	0.00	0.06	0.07	0.03	0.00	0.02	0.19
1.1.5	Less other subsidies on production	0.00	0.01	0.39	0.46	0.17	0.00	0.13	1.15
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.13	9.41	10.92	3.97	0.00	3.07	27.51
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.13	9.41	10.92	3.97	0.00	3.07	27.51
1.2.2.1	non-market	0.00	0.13	9.41	10.92	3.97	0.00	3.07	27.51
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	2.46	10.03	21.80	0.00	2.17	36.46
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.13	11.88	20.95	25.77	0.00	5.24	63.97
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2001	NACE27	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.34	24.20	28.07	10.20	0.00	7.89	70.70
1.1.4	Other taxes on production	0.00	0.00	0.19	0.22	0.08	0.00	0.06	0.54
1.1.2	Compensation of employees	0.00	0.07	5.07	5.88	2.14	0.00	1.65	14.80
1.1.3	Consumption of fixed capital	0.00	0.02	1.38	1.60	0.58	0.00	0.45	4.04
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.43	30.83	35.77	12.99	0.00	10.06	90.09
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.43	30.83	35.77	12.99	0.00	10.06	90.09
1.2.2.1	non-market	0.00	0.43	30.83	35.77	12.99	0.00	10.06	90.09
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	1.97	8.03	17.47	0.00	1.74	29.21
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.43	32.81	43.81	30.46	0.00	11.80	119.30

4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2002	NACE27	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.32	23.16	26.88	9.76	0.00	7.56	67.68
1.1.4	Other taxes on production	0.00	0.00	0.20	0.24	0.09	0.00	0.07	0.60
1.1.2	Compensation of employees	0.00	0.07	5.09	5.91	2.15	0.00	1.66	14.87
1.1.3	Consumption of fixed capital	0.00	0.02	1.36	1.58	0.57	0.00	0.44	3.97
1.1.5	Less other subsidies on production	0.00	0.00	0.03	0.03	0.01	0.00	0.01	0.08
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.41	29.79	34.56	12.55	0.00	9.72	87.04
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.41	29.79	34.56	12.55	0.00	9.72	87.04
1.2.2.1	non-market	0.00	0.41	29.79	34.56	12.55	0.00	9.72	87.04
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	1.41	5.73	12.45	0.00	1.24	20.82
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.41	31.20	40.29	25.00	0.00	10.96	107.86
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Annex 11 : Ancillary production by NACE 28-36 (in mio euros)

1997	NACE28-36	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	2.31	22.57	6.18	6.68	0.00	3.95	41.68
1.1.4	Other taxes on production	0.00	0.01	0.08	0.02	0.02	0.00	0.01	0.15
1.1.2	Compensation of employees	0.00	0.68	6.66	1.82	1.97	0.00	1.16	12.30
1.1.3	Consumption of fixed capital	0.00	0.14	1.36	0.37	0.40	0.00	0.24	2.51
1.1.5	Less other subsidies on production	0.00	0.01	0.06	0.02	0.02	0.00	0.01	0.10
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	3.13	30.60	8.38	9.06	0.00	5.36	56.53
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	3.13	30.60	8.38	9.06	0.00	5.36	56.53
1.2.2.1	non-market	0.00	3.13	30.60	8.38	9.06	0.00	5.36	56.53
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

	payments)								
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	3.81	9.99	12.72	0.00	2.15	28.67
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	3.13	34.42	18.37	21.78	0.00	7.51	85.19
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1998	NACE28-36	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	2.52	24.72	6.77	7.32	0.00	4.33	45.66
1.1.4	Other taxes on production	0.00	0.01	0.08	0.02	0.02	0.00	0.01	0.15
1.1.2	Compensation of employees	0.00	0.70	6.82	1.87	2.02	0.00	1.19	12.59
1.1.3	Consumption of fixed capital	0.00	0.15	1.46	0.40	0.43	0.00	0.26	2.71
1.1.5	Less other subsidies on production	0.00	0.01	0.08	0.02	0.02	0.00	0.01	0.15
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	3.37	33.00	9.04	9.77	0.00	5.78	60.96
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	3.37	33.00	9.04	9.77	0.00	5.78	60.96
1.2.2.1	non-market	0.00	3.37	33.00	9.04	9.77	0.00	5.78	60.96
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	3.31	4.52	8.34	0.00	0.36	16.52
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	3.37	36.31	13.56	18.11	0.00	6.13	77.49
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1999	NACE28-36	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	2.63	25.78	7.06	7.63	0.00	4.51	47.62
1.1.4	Other taxes on production	0.00	0.01	0.10	0.03	0.03	0.00	0.02	0.18
1.1.2	Compensation of employees	0.00	0.72	7.01	1.92	2.08	0.00	1.23	12.95
1.1.3	Consumption of fixed capital	0.00	0.15	1.50	0.41	0.44	0.00	0.26	2.76
1.1.5	Less other subsidies on production	0.00	0.01	0.08	0.02	0.02	0.00	0.01	0.14
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	3.50	34.31	9.39	10.16	0.00	6.00	63.37
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	3.50	34.31	9.39	10.16	0.00	6.00	63.37
1.2.2.1	non-market	0.00	3.50	34.31	9.39	10.16	0.00	6.00	63.37
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	6.73	16.22	10.52	0.00	0.42	33.89
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	3.50	41.04	25.61	20.67	0.00	6.43	97.25
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2000	NACE28-36	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	3.03	29.69	8.13	8.79	0.00	5.20	54.84
1.1.4	Other taxes on production	0.00	0.01	0.10	0.03	0.03	0.00	0.02	0.18
1.1.2	Compensation of employees	0.00	0.74	7.28	1.99	2.16	0.00	1.27	13.44
1.1.3	Consumption of fixed capital	0.00	0.16	1.57	0.43	0.46	0.00	0.27	2.90
1.1.5	Less other subsidies on production	0.00	0.01	0.07	0.02	0.02	0.00	0.01	0.14
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	3.94	38.56	10.56	11.42	0.00	6.75	71.22
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	3.94	38.56	10.56	11.42	0.00	6.75	71.22
1.2.2.1	non-market	0.00	3.94	38.56	10.56	11.42	0.00	6.75	71.22
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	12.64	18.35	5.92	0.00	0.36	37.26
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	3.94	51.20	28.91	17.33	0.00	7.11	108.48
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2001	NACE28-36	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	2.84	27.80	7.61	8.23	0.00	4.87	51.35
1.1.4	Other taxes on production	0.00	0.01	0.07	0.02	0.02	0.00	0.01	0.14
1.1.2	Compensation of employees	0.00	0.70	6.84	1.87	2.03	0.00	1.20	12.64
1.1.3	Consumption of fixed capital	0.00	0.15	1.47	0.40	0.43	0.00	0.26	2.71
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of	0.00	3.70	36.19	9.91	10.71	0.00	6.33	66.84

	production)								
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	3.70	36.19	9.91	10.71	0.00	6.33	66.84
1.2.2.1	non-market	0.00	3.70	36.19	9.91	10.71	0.00	6.33	66.84
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	10.74	15.59	5.03	0.00	0.30	31.66
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	3.70	46.92	25.50	15.74	0.00	6.64	98.50
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2002	NACE28-36	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	2.58	25.29	6.93	7.49	0.00	4.43	46.72
1.1.4	Other taxes on production	0.00	0.01	0.08	0.02	0.02	0.00	0.01	0.14
1.1.2	Compensation of employees	0.00	0.69	6.71	1.84	1.99	0.00	1.17	12.39
1.1.3	Consumption of fixed capital	0.00	0.15	1.46	0.40	0.43	0.00	0.25	2.69
1.1.5	Less other subsidies on production	0.00	0.01	0.08	0.02	0.02	0.00	0.01	0.15
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	3.42	33.46	9.16	9.91	0.00	5.86	61.80
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	3.42	33.46	9.16	9.91	0.00	5.86	61.80
1.2.2.1	non-market	0.00	3.42	33.46	9.16	9.91	0.00	5.86	61.80
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	9.06	13.15	4.24	0.00	0.26	26.70
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	3.42	42.51	22.31	14.15	0.00	6.11	88.50
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Annex 12 : Ancillary production by NACE 40-41 (in mio euros)

1997	NACE40-41	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	8.75	12.90	3.55	0.00	29.24	54.44

1.1.4	Other taxes on production	0.00	0.00	0.19	0.28	0.08	0.00	0.64	1.20
1.1.2	Compensation of employees	0.00	0.00	4.92	7.25	2.00	0.00	16.44	30.62
1.1.3	Consumption of fixed capital	0.00	0.00	3.68	5.42	1.49	0.00	12.28	22.87
1.1.5	Less other subsidies on production	0.00	0.00	0.01	0.02	0.01	0.00	0.04	0.08
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	17.53	25.84	7.11	0.00	58.56	109.04
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	17.53	25.84	7.11	0.00	58.56	109.04
1.2.2.1	non-market	0.00	0.00	17.53	25.84	7.11	0.00	58.56	109.04
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	0.11	11.65	23.51	0.00	1.06	36.34
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	17.64	37.49	30.62	0.00	59.63	145.38
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1998	NACE40-41	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	9.06	13.36	3.67	0.00	30.27	56.37
1.1.4	Other taxes on production	0.00	0.00	0.17	0.24	0.07	0.00	0.55	1.03
1.1.2	Compensation of employees	0.00	0.00	4.65	6.85	1.88	0.00	15.53	28.92
1.1.3	Consumption of fixed capital	0.00	0.00	3.85	5.67	1.56	0.00	12.85	23.93
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	17.73	26.12	7.19	0.00	59.21	110.24
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	17.73	26.12	7.19	0.00	59.21	110.24
1.2.2.1	non-market	0.00	0.00	17.73	26.12	7.19	0.00	59.21	110.24
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	0.12	4.83	66.22	0.00	0.41	71.59
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	17.84	30.95	73.41	0.00	59.62	181.83
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1999	NACE40-41	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								

1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	8.89	13.10	3.60	0.00	29.69	55.28
1.1.4	Other taxes on production	0.00	0.00	0.18	0.26	0.07	0.00	0.59	1.09
1.1.2	Compensation of employees	0.00	0.00	4.70	6.93	1.91	0.00	15.72	29.26
1.1.3	Consumption of fixed capital	0.00	0.00	4.08	6.01	1.65	0.00	13.62	25.35
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	17.85	26.30	7.23	0.00	59.61	110.98
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	17.85	26.30	7.23	0.00	59.61	110.98
1.2.2.1	non-market	0.00	0.00	17.85	26.30	7.23	0.00	59.61	110.98
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	0.50	3.56	15.42	0.00	0.43	19.91
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	18.34	29.86	22.65	0.00	60.04	130.90
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2000	NACE40-41	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	10.60	15.62	4.30	0.00	35.41	65.94
1.1.4	Other taxes on production	0.00	0.00	0.22	0.33	0.09	0.00	0.74	1.38
1.1.2	Compensation of employees	0.00	0.00	4.38	6.45	1.77	0.00	14.62	27.23
1.1.3	Consumption of fixed capital	0.00	0.00	4.26	6.28	1.73	0.00	14.24	26.50
1.1.5	Less other subsidies on production	0.00	0.00	0.02	0.03	0.01	0.00	0.06	0.11
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	19.45	28.66	7.88	0.00	64.96	120.94
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	19.45	28.66	7.88	0.00	64.96	120.94
1.2.2.1	non-market	0.00	0.00	19.45	28.66	7.88	0.00	64.96	120.94
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	1.10	3.70	17.54	0.00	0.31	22.65
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	20.55	32.35	25.42	0.00	65.26	143.59
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2001	NACE40-41	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	4.68	6.89	1.90	0.00	15.62	29.08
1.1.4	Other taxes on production	0.00	0.00	0.07	0.10	0.03	0.00	0.23	0.43
1.1.2	Compensation of employees	0.00	0.00	1.64	2.41	0.66	0.00	5.47	10.18
1.1.3	Consumption of fixed capital	0.00	0.00	1.59	2.35	0.65	0.00	5.33	9.92
1.1.5	Less other subsidies on production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	7.98	11.75	3.23	0.00	26.65	49.61
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	7.98	11.75	3.23	0.00	26.65	49.61
1.2.2.1	non-market	0.00	0.00	7.98	11.75	3.23	0.00	26.65	49.61
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	4.09	13.68	64.93	0.00	1.13	83.83
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	12.07	25.43	68.16	0.00	27.78	133.44
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2002	NACE40-41	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
1	Current transactions								
1.1	Current uses								
1.1.1	Intermediate consumption	0.00	0.00	4.09	6.03	1.66	0.00	13.67	25.45
1.1.4	Other taxes on production	0.00	0.00	0.06	0.10	0.03	0.00	0.22	0.40
1.1.2	Compensation of employees	0.00	0.00	1.49	2.19	0.60	0.00	4.96	9.24
1.1.3	Consumption of fixed capital	0.00	0.00	1.37	2.02	0.56	0.00	4.58	8.53
1.1.5	Less other subsidies on production	0.00	0.00	0.01	0.01	0.00	0.00	0.02	0.04
1.1.6	Net operating surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Output (basic price or cost of production)	0.00	0.00	7.01	10.33	2.84	0.00	23.41	43.59
1.2.1	Non-environmental output	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.2	Environmental protection output	0.00	0.00	7.01	10.33	2.84	0.00	23.41	43.59
1.2.2.1	non-market	0.00	0.00	7.01	10.33	2.84	0.00	23.41	43.59
1.2.2.2	market	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	Current environmental protection resources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.1	Market output (including partial payments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.2	Current transfers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	3.83	12.81	60.82	0.00	1.06	78.52
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	10.84	23.14	63.66	0.00	24.48	122.11

4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Annex 13 : Ancillary production by other sectors (in mio euros)

1997	NACEother	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	3.82	13.82	11.85	0.00	1.30	30.79
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	3.82	13.82	11.85	0.00	1.30	30.79
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1998	NACEother	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	7.69	16.81	21.17	0.00	1.30	46.97
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	7.69	16.81	21.17	0.00	1.30	46.97
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

1999	NACEother	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	2.23	6.26	5.19	0.00	0.47	14.14
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	2.23	6.26	5.19	0.00	0.47	14.14
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

2000	NACEother	Biodiversity	Soil	Waste	Water	Air	Radiation	Other	Total
2	Capital transactions								
2.1	Gross fixed capital formation	0.00	0.00	1.10	0.58	0.64	0.00	0.12	2.44
2.2	Other capital uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Investment grants received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Other capital transfers received								
3	Financing by producers	0.00	0.00	1.10	0.58	0.64	0.00	0.12	2.44
4	Labour inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	Stock of fixed assets	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Annex 14: Table A : National expenditure by components, by users/beneficiaries and domains (in mio euros)

Biodiversity	1997			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	0	0	3	92		95
1.1 Final consumption	-	-	-	-	3	92	-	95
market	-	-	-	-	3		-	3
non-market	-	-	-	-	0	92	-	93
1.2 Intermediate consumption	n.r.	n.r.	0	0	-	-	-	0
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	0	-	-	-	-	0
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	18	0	0	-	-	-	-	18
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	1	1
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	1	1
5 Total uses of resident units (1+2+3+4)	18	0	0	0	3	92	1	114
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	18	0	0	0	3	92	1	114
Soil	1997			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	10	0	1	33		44
1.1 Final consumption	-	-	-	-	1	33	-	34
market	-	-	-	-	1		-	1
non-market	-	-	-	-	0	33	-	33
1.2 Intermediate consumption	n.r.	n.r.	10	0	-	-	-	10
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	10	-	-	-	-	10
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	3	0	0	-	-	-	-	3
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	0	0
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	0	0
5 Total uses of resident units (1+2+3+4)	3	0	10	0	1	33	0	46
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	3	0	10	0	1	33	0	46

Waste	1997			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	429	438	577	163		1607
1.1 Final consumption	-	-	-	-	577	163	-	740
market	-	-	-	-	568		-	568
non-market	-	-	-	-	9	163	-	171
1.2 Intermediate consumption	n.r.	n.r.	429	438	-	-	-	868
market	n.r.	n.r.	299	438	-	-	-	738
ancillary	n.r.	n.r.	130	-	-	-	-	130
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	-34	215	38	-	-	-	-	219
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	1	1
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	1	1
5 Total uses of resident units (1+2+3+4)	-34	215	467	438	577	163	1	1827
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	-34	215	467	438	577	163	1	1827
Water	1997			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	177	61	35	141		414
1.1 Final consumption	-	-	-	-	35	141	-	176
market	-	-	-	-	34		-	34
non-market	-	-	-	-	1	141	-	142
1.2 Intermediate consumption	n.r.	n.r.	177	61	-	-	-	238
market	n.r.	n.r.	42	61	-	-	-	102
ancillary	n.r.	n.r.	136	-	-	-	-	136
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	164	226	149	-	-	-	-	538
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	1	1
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	1	1
5 Total uses of resident units (1+2+3+4)	164	226	326	61	35	141	1	954
6 Financed by the rest of the world	1					0		1
7 National expenditure for EP (5-6)	163	226	326	61	35	141	1	953

Air	1997			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	71	0	0	15		86
1.1 Final consumption	-	-	-	-	0	15	-	15
market	-	-	-	-	0		-	0
non-market	-	-	-	-	0	15	-	15
1.2 Intermediate consumption	n.r.	n.r.	71	0	-	-	-	71
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	71	-	-	-	-	71
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	1	0	141	-	-	-	-	141
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	0	0
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	0	0
5 Total uses of resident units (1+2+3+4)	1	0	212	0	0	15	0	228
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	1	0	212	0	0	15	0	228

Radiation	1997			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	0	0	0	2		2
1.1 Final consumption	-	-	-	-	0	2	-	2
market	-	-	-	-	0		-	0
non-market	-	-	-	-	0	2	-	2
1.2 Intermediate consumption	n.r.	n.r.	0	0	-	-	-	0
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	0	-	-	-	-	0
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	3	0	0	-	-	-	-	3
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	0	0
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	0	0
5 Total uses of resident units (1+2+3+4)	3	0	0	0	0	2	0	5
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	3	0	0	0	0	2	0	5

Other	1997			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	116	0	13	87		216
1.1 Final consumption	-	-	-	-	13	87	-	100
market	-	-	-	-	4		-	4
non-market	-	-	-	-	9	87	-	96
1.2 Intermediate consumption	n.r.	n.r.	116	0	-	-	-	116
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	116	-	-	-	-	116
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	12	0	14	-	-	-	-	26
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	0	0
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	0	0
5 Total uses of resident units (1+2+3+4)	12	0	130	0	13	87	0	242
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	11	0	130	0	13	87	0	242

Biodiversity	1998			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	0	0	8	93		100
1.1 Final consumption	-	-	-	-	8	93	-	100
market	-	-	-	-	2		-	2
non-market	-	-	-	-	5	93	-	98
1.2 Intermediate consumption	n.r.	n.r.	0	0	-	-	-	0
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	0	-	-	-	-	0
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	17	0	0	-	-	-	-	17
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	0	0
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	0	0
5 Total uses of resident units (1+2+3+4)	17	0	0	0	8	93	0	117
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	17	0	0	0	8	93	0	117

Soil	1998			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	11	0	1	26		37
1.1 Final consumption	-	-	-	-	1	26	-	26
market	-	-	-	-	1		-	1
non-market	-	-	-	-	0	26	-	26
1.2 Intermediate consumption	n.r.	n.r.	11	0	-	-	-	11
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	11	-	-	-	-	11
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	6	0	0	-	-	-	-	6
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	0	0
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	0	0
5 Total uses of resident units (1+2+3+4)	6	0	11	0	1	26	0	42
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	6	0	11	0	1	26	0	42
Waste	1998			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	887	284	626	202		1999
1.1 Final consumption	-	-	-	-	626	202	-	828
market	-	-	-	-	619		-	619
non-market	-	-	-	-	7	202	-	209
1.2 Intermediate consumption	n.r.	n.r.	887	284	-	-	-	1171
market	n.r.	n.r.	758	284	-	-	-	1042
ancillary	n.r.	n.r.	129	-	-	-	-	129
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	31	157	53	-	-	-	-	241
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	0	0
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	0	0
5 Total uses of resident units (1+2+3+4)	31	157	941	284	626	202	0	2240
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	31	157	941	284	626	202	0	2240

Water	1998			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	334	73	62	153		622
1.1 Final consumption	-	-	-	-	62	153	-	215
market	-	-	-	-	61		-	61
non-market	-	-	-	-	1	153	-	154
1.2 Intermediate consumption	n.r.	n.r.	334	73	-	-	-	407
market	n.r.	n.r.	195	73	-	-	-	268
ancillary	n.r.	n.r.	140	-	-	-	-	140
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	203	195	115	-	-	-	-	513
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	1	1
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	1	1
5 Total uses of resident units (1+2+3+4)	203	195	449	73	62	153	1	1137
6 Financed by the rest of the world	1					0		1
7 National expenditure for EP (5-6)	202	195	449	73	62	153	1	1136
Air	1998			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	73	0	0	11		85
1.1 Final consumption	-	-	-	-	0	11	-	12
market	-	-	-	-	0		-	0
non-market	-	-	-	-	0	11	-	11
1.2 Intermediate consumption	n.r.	n.r.	73	0	-	-	-	73
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	73	-	-	-	-	73
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	0	0	187	-	-	-	-	187
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	0	0
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	0	0
5 Total uses of resident units (1+2+3+4)	0	0	260	0	0	11	0	272
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	0	0	260	0	0	11	0	272

Radiation	1998			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	0	0	0	1		1
1.1 Final consumption	-	-	-	-	0	1	-	1
market	-	-	-	-	0		-	0
non-market	-	-	-	-	0	1	-	1
1.2 Intermediate consumption	n.r.	n.r.	0	0	-	-	-	0
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	0	-	-	-	-	0
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	0	0	0	-	-	-	-	0
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	0	0
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	0	0
5 Total uses of resident units (1+2+3+4)	0	0	0	0	0	1	0	1
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	0	0	0	0	0	1	0	1
Other	1998			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	119	0	10	106		234
1.1 Final consumption	-	-	-	-	10	106	-	116
market	-	-	-	-	4		-	4
non-market	-	-	-	-	6	106	-	112
1.2 Intermediate consumption	n.r.	n.r.	119	0	-	-	-	119
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	119	-	-	-	-	119
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	10	0	9	-	-	-	-	19
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	0	0
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	0	0
5 Total uses of resident units (1+2+3+4)	10	0	128	0	10	106	0	254
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	10	0	128	0	10	106	0	254

Biodiversity	1999			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	0	0	7	92		99
1.1 Final consumption	-	-	-	-	7	92	-	99
market	-	-	-	-	2		-	2
non-market	-	-	-	-	5	92	-	97
1.2 Intermediate consumption	n.r.	n.r.	0	0	-	-	-	0
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	0	-	-	-	-	0
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	15	0	0	-	-	-	-	15
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	0	0
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	0	0
5 Total uses of resident units (1+2+3+4)	15	0	0	0	7	92	0	115
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	15	0	0	0	7	92	0	114
Soil	1999			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	11	0	1	37		49
1.1 Final consumption	-	-	-	-	1	37	-	38
market	-	-	-	-	1		-	1
non-market	-	-	-	-	0	37	-	37
1.2 Intermediate consumption	n.r.	n.r.	11	0	-	-	-	11
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	11	-	-	-	-	11
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	8	0	0	-	-	-	-	8
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	0	0
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	0	0
5 Total uses of resident units (1+2+3+4)	8	0	11	0	1	37	0	58
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	8	0	11	0	1	37	0	58

Waste	1999			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	1008	316	603	219		2145
1.1 Final consumption	-	-	-	-	603	219	-	822
market	-	-	-	-	595		-	595
non-market	-	-	-	-	8	219	-	227
1.2 Intermediate consumption	n.r.	n.r.	1008	316	-	-	-	1323
market	n.r.	n.r.	843	316	-	-	-	1159
ancillary	n.r.	n.r.	164	-	-	-	-	164
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	35	235	36	-	-	-	-	306
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	1	1
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	1	1
5 Total uses of resident units (1+2+3+4)	35	235	1044	316	603	219	1	2452
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	35	235	1044	316	603	219	1	2452
Water	1999			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	401	83	69	157		710
1.1 Final consumption	-	-	-	-	69	157	-	226
market	-	-	-	-	68		-	68
non-market	-	-	-	-	1	157	-	158
1.2 Intermediate consumption	n.r.	n.r.	401	83	-	-	-	484
market	n.r.	n.r.	222	83	-	-	-	305
ancillary	n.r.	n.r.	179	-	-	-	-	179
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	199	182	107	-	-	-	-	489
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	3	3
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	3	3
5 Total uses of resident units (1+2+3+4)	199	182	508	83	69	157	3	1201
6 Financed by the rest of the world	1					0		1
7 National expenditure for EP (5-6)	198	182	508	83	69	157	3	1201

Air	1999			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	87	0	0	11		98
1.1 Final consumption	-	-	-	-	0	11	-	11
market	-	-	-	-	0		-	0
non-market	-	-	-	-	0	11	-	11
1.2 Intermediate consumption	n.r.	n.r.	87	0	-	-	-	87
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	87	-	-	-	-	87
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	0	0	103	-	-	-	-	103
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	0	0
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	0	0
5 Total uses of resident units (1+2+3+4)	0	0	190	0	0	11	0	201
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	0	0	190	0	0	11	0	201
Radiation	1999			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	0	0	0	1		1
1.1 Final consumption	-	-	-	-	0	1	-	1
market	-	-	-	-	0		-	0
non-market	-	-	-	-	0	1	-	1
1.2 Intermediate consumption	n.r.	n.r.	0	0	-	-	-	0
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	0	-	-	-	-	0
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	0	0	0	-	-	-	-	0
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	0	0
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	0	0
5 Total uses of resident units (1+2+3+4)	0	0	0	0	0	1	0	2
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	0	0	0	0	0	1	0	2

Other	1999			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	121	0	12	112		245
1.1 Final consumption	-	-	-	-	12	112	-	124
market	-	-	-	-	4		-	4
non-market	-	-	-	-	8	112	-	120
1.2 Intermediate consumption	n.r.	n.r.	121	0	-	-	-	121
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	121	-	-	-	-	121
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	13	0	8	-	-	-	-	21
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	1	1
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	1	1
5 Total uses of resident units (1+2+3+4)	13	0	129	0	12	112	1	267
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	13	0	129	0	12	112	1	267

Biodiversity	2000			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	0	0	4	125		129
1.1 Final consumption	-	-	-	-	4	125	-	129
market	-	-	-	-	3		-	3
non-market	-	-	-	-	1	125	-	126
1.2 Intermediate consumption	n.r.	n.r.	0	0	-	-	-	0
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	0	-	-	-	-	0
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	21	0	0	-	-	-	-	21
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	0	0
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	0	0
5 Total uses of resident units (1+2+3+4)	21	0	0	0	4	125	0	151
6 Financed by the rest of the world	1					0		1
7 National expenditure for EP (5-6)	21	0	0	0	4	125	0	150

Soil	2000			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	14	0	1	42		56
1.1 Final consumption	-	-	-	-	1	42	-	43
market	-	-	-	-	1		-	1
non-market	-	-	-	-	0	42	-	42
1.2 Intermediate consumption	n.r.	n.r.	14	0	-	-	-	14
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	14	-	-	-	-	14
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	7	0	0	-	-	-	-	7
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	0	0
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	0	0
5 Total uses of resident units (1+2+3+4)	7	0	14	0	1	42	0	63
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	7	0	14	0	1	42	0	63
Waste	2000			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	1122	355	641	281		2399
1.1 Final consumption	-	-	-	-	641	281	-	922
market	-	-	-	-	634		-	634
non-market	-	-	-	-	7	281	-	288
1.2 Intermediate consumption	n.r.	n.r.	1122	355	-	-	-	1477
market	n.r.	n.r.	949	355	-	-	-	1305
ancillary	n.r.	n.r.	172	-	-	-	-	172
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	37	237	40	-	-	-	-	313
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	1	1
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	1	1
5 Total uses of resident units (1+2+3+4)	37	237	1161	355	641	281	1	2713
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	37	237	1161	355	641	281	1	2713

Water	2000			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	412	90	75	164		741
1.1 Final consumption	-	-	-	-	75	164	-	239
market	-	-	-	-	74		-	74
non-market	-	-	-	-	1	164	-	165
1.2 Intermediate consumption	n.r.	n.r.	412	90	-	-	-	502
market	n.r.	n.r.	242	90	-	-	-	332
ancillary	n.r.	n.r.	170	-	-	-	-	170
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	224	267	82	-	-	-	-	573
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	2	2
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	2	2
5 Total uses of resident units (1+2+3+4)	224	267	494	90	75	164	2	1317
6 Financed by the rest of the world	4					0		4
7 National expenditure for EP (5-6)	220	267	494	90	75	164	2	1313
Air	2000			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	92	0	0	11		103
1.1 Final consumption	-	-	-	-	0	11	-	11
market	-	-	-	-	0		-	0
non-market	-	-	-	-	0	11	-	11
1.2 Intermediate consumption	n.r.	n.r.	92	0	-	-	-	92
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	92	-	-	-	-	92
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	0	0	91	-	-	-	-	91
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	0	0
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	0	0
5 Total uses of resident units (1+2+3+4)	0	0	182	0	0	11	0	194
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	0	0	182	0	0	11	0	194

Radiation	2000			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	0	0	0	2		2
1.1 Final consumption	-	-	-	-	0	2	-	2
market	-	-	-	-	0		-	0
non-market	-	-	-	-	0	2	-	2
1.2 Intermediate consumption	n.r.	n.r.	0	0	-	-	-	0
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	0	-	-	-	-	0
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	0	0	0	-	-	-	-	0
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	0	0
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	0	0
5 Total uses of resident units (1+2+3+4)	0	0	0	0	0	2	0	2
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	0	0	0	0	0	2	0	2
Other	2000			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	139	0	9	137		286
1.1 Final consumption	-	-	-	-	9	137	-	147
market	-	-	-	-	4		-	4
non-market	-	-	-	-	5	137	-	142
1.2 Intermediate consumption	n.r.	n.r.	139	0	-	-	-	139
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	139	-	-	-	-	139
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	15	0	8	-	-	-	-	23
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	1	1
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	1	1
5 Total uses of resident units (1+2+3+4)	15	0	147	0	9	137	1	310
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	15	0	147	0	9	137	1	310

Biodiversity	2001			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	0	0	4	113		116
1.1 Final consumption	-	-	-	-	4	113	-	116
market	-	-	-	-	3		-	3
non-market	-	-	-	-	1	113	-	114
1.2 Intermediate consumption	n.r.	n.r.	0	0	-	-	-	0
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	0	-	-	-	-	0
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	11	0	0	-	-	-	-	11
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	2	2
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	2	2
5 Total uses of resident units (1+2+3+4)	11	0	0	0	4	113	2	130
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	11	0	0	0	4	113	2	129
Soil	2001			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	14	0	1	60		75
1.1 Final consumption	-	-	-	-	1	60	-	61
market	-	-	-	-	1		-	1
non-market	-	-	-	-	0	60	-	60
1.2 Intermediate consumption	n.r.	n.r.	14	0	-	-	-	14
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	14	-	-	-	-	14
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	8	0	0	-	-	-	-	8
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	0	0
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	0	0
5 Total uses of resident units (1+2+3+4)	8	0	14	0	1	60	0	83
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	8	0	14	0	1	60	0	83

Waste	2001			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	1295	392	755	362		2805
1.1 Final consumption	-	-	-	-	755	362	-	1117
market	-	-	-	-	747		-	747
non-market	-	-	-	-	8	362	-	370
1.2 Intermediate consumption	n.r.	n.r.	1295	392	-	-	-	1687
market	n.r.	n.r.	1048	392	-	-	-	1441
ancillary	n.r.	n.r.	247	-	-	-	-	247
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	39	304	68	-	-	-	-	411
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	0	0
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	0	0
5 Total uses of resident units (1+2+3+4)	39	304	1363	392	755	362	0	3216
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	39	304	1363	392	755	362	0	3216
Water	2001			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	551	116	96	176		938
1.1 Final consumption	-	-	-	-	96	176	-	272
market	-	-	-	-	94		-	94
non-market	-	-	-	-	2	176	-	178
1.2 Intermediate consumption	n.r.	n.r.	551	116	-	-	-	666
market	n.r.	n.r.	309	116	-	-	-	424
ancillary	n.r.	n.r.	242	-	-	-	-	242
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	209	320	222	-	-	-	-	751
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	0	0
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	0	0
5 Total uses of resident units (1+2+3+4)	209	320	773	116	96	176	0	1689
6 Financed by the rest of the world	3					0		3
7 National expenditure for EP (5-6)	205	320	773	116	96	176	0	1686

Air	2001			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	114	0	0	8		122
1.1 Final consumption	-	-	-	-	0	8	-	8
market	-	-	-	-	0		-	0
non-market	-	-	-	-	0	8	-	8
1.2 Intermediate consumption	n.r.	n.r.	114	0	-	-	-	114
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	114	-	-	-	-	114
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	0	0	156	-	-	-	-	156
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	2	2
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	2	2
5 Total uses of resident units (1+2+3+4)	0	0	270	0	0	8	2	280
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	0	0	270	0	0	8	2	280
Radiation	2001			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	0	0	0	1		1
1.1 Final consumption	-	-	-	-	0	1	-	1
market	-	-	-	-	0		-	0
non-market	-	-	-	-	0	1	-	1
1.2 Intermediate consumption	n.r.	n.r.	0	0	-	-	-	0
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	0	-	-	-	-	0
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	0	0	0	-	-	-	-	0
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	3	3
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	3	3
5 Total uses of resident units (1+2+3+4)	0	0	0	0	0	1	3	4
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	0	0	0	0	0	1	3	4

Other	2001			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	137	0	13	135		285
1.1 Final consumption	-	-	-	-	13	135	-	148
market	-	-	-	-	5		-	5
non-market	-	-	-	-	8	135	-	143
1.2 Intermediate consumption	n.r.	n.r.	137	0	-	-	-	137
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	137	-	-	-	-	137
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	14	0	24	-	-	-	-	38
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	7	7
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	7	7
5 Total uses of resident units (1+2+3+4)	14	0	161	0	13	135	7	331
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	14	0	161	0	13	135	7	331

Biodiversity	2002			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	0	0	4	84		88
1.1 Final consumption	-	-	-	-	4	84	-	88
market	-	-	-	-	3		-	3
non-market	-	-	-	-	1	84	-	85
1.2 Intermediate consumption	n.r.	n.r.	0	0	-	-	-	0
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	0	-	-	-	-	0
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	14	0	0	-	-	-	-	14
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	1	1
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	1	1
5 Total uses of resident units (1+2+3+4)	14	0	0	0	4	84	1	103
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	14	0	0	0	4	84	1	103

Soil	2002			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	13	0	2	72		88
1.1 Final consumption	-	-	-	-	2	72	-	75
market	-	-	-	-	2		-	2
non-market	-	-	-	-	0	72	-	73
1.2 Intermediate consumption	n.r.	n.r.	13	0	-	-	-	13
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	13	-	-	-	-	13
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	8	0	0	-	-	-	-	8
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	0	0
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	0	0
5 Total uses of resident units (1+2+3+4)	8	0	13	0	2	72	0	96
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	8	0	13	0	2	72	0	96
Waste	2002			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	1295	398	773	358		2823
1.1 Final consumption	-	-	-	-	773	358	-	1130
market	-	-	-	-	764		-	764
non-market	-	-	-	-	8	358	-	366
1.2 Intermediate consumption	n.r.	n.r.	1295	398	-	-	-	1692
market	n.r.	n.r.	1062	398	-	-	-	1460
ancillary	n.r.	n.r.	233	-	-	-	-	233
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	37	137	65	-	-	-	-	239
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	0	0
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	0	0
5 Total uses of resident units (1+2+3+4)	37	137	1360	398	773	358	0	3062
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	37	137	1360	398	773	358	0	3062

Water	2002			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	639	154	125	136		1054
1.1 Final consumption	-	-	-	-	125	136	-	261
market	-	-	-	-	122		-	122
non-market	-	-	-	-	3	136	-	139
1.2 Intermediate consumption	n.r.	n.r.	639	154	-	-	-	793
market	n.r.	n.r.	410	154	-	-	-	564
ancillary	n.r.	n.r.	229	-	-	-	-	229
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	199	318	215	-	-	-	-	732
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	0	0
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	0	0
5 Total uses of resident units (1+2+3+4)	199	318	855	154	125	136	0	1786
6 Financed by the rest of the world	1					0		1
7 National expenditure for EP (5-6)	198	318	855	154	125	136	0	1785
Air	2002			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	108	0	1	14		122
1.1 Final consumption	-	-	-	-	1	14	-	14
market	-	-	-	-	0		-	0
non-market	-	-	-	-	0	14	-	14
1.2 Intermediate consumption	n.r.	n.r.	108	0	-	-	-	108
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	108	-	-	-	-	108
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	0	0	143	-	-	-	-	143
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	0	0
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	0	0
5 Total uses of resident units (1+2+3+4)	0	0	251	0	1	14	0	266
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	0	0	251	0	1	14	0	266

Radiation	2002			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	0	0	0	-6		-6
1.1 Final consumption	-	-	-	-	0	-6	-	5
market	-	-	-	-	0		-	0
non-market	-	-	-	-	11	-6	-	5
1.2 Intermediate consumption	n.r.	n.r.	0	0	-	-	-	0
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	0	-	-	-	-	0
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	0	0	0	-	-	-	-	0
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	12	12
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	12	12
5 Total uses of resident units (1+2+3+4)	0	0	0	0	0	-6	12	6
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	0	0	0	0	0	-6	12	6
Other	2002			USERS				
	Special.prod		other prod		Consumers		Rest of the	Total
Components of national expenditure	government	NACE90	non-spec.	non-charact.	households	government	world	
1 Uses of EP services	-	-	129	0	14	155		298
1.1 Final consumption	-	-	-	-	14	155	-	169
market	-	-	-	-	6		-	6
non-market	-	-	-	-	8	155	-	163
1.2 Intermediate consumption	n.r.	n.r.	129	0	-	-	-	129
market	n.r.	n.r.	0	0	-	-	-	0
ancillary	n.r.	n.r.	129	-	-	-	-	129
1.3 Capital formation (land improvement)	n.r.	n.r.	n.a.	n.a.	-	-	-	0
2 Gross Capital formation for EP	12	0	23	-	-	-	-	35
3 Uses of adapted & connected products	-	-						0
3.1 Final	-	-	-	-	n.a.	n.a.	-	0
3.2 Intermediate	n.r.	n.r.	n.a.	n.a.	-	-	-	0
3.3 Capital formation	n.r.	n.r.	n.a.	n.a.	-	-	-	0
4 Specific transfers	0	0	0	0	0	0	1	1
4.1 Subsidies on production	n.r.	n.r.	0	0	0	0	0	0
4.2 Other specific transfers	0	0	0	0	0	0	1	1
5 Total uses of resident units (1+2+3+4)	12	0	151	0	14	155	1	334
6 Financed by the rest of the world	0					0		0
7 National expenditure for EP (5-6)	12	0	151	0	14	155	1	334

Annex 15 : Industry classification based on NACE rev. 1

A	Agriculture, hunting and forestry
1	Agriculture, hunting and related service activities
2	Forestry, logging and related service activities
B	Fishing
5	Fishing, operation of fish hatcheries and fish farms; service activities incidental to fishing
C	Mining and quarrying
10	Mining of coal and lignite; extraction of peat
11	Extraction of crude petroleum and natural gas; service activities incidental to oil and gas extraction excluding surveying
12	Mining of uranium and thorium ores
13	Mining of metal ores
14	Other mining and quarrying
D	Manufacturing
15	Manufacture of food products and beverages
16	Manufacture of tobacco products
17	Manufacture of textiles
18	Manufacture of wearing apparel; dressing and dyeing of fur
19	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness and footwear
20	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials
21	Manufacture of pulp, paper and paper products
22	Publishing, printing and reproduction of recorded media
23	Manufacture of coke, refined petroleum products and nuclear fuel
24	Manufacture of chemicals and chemical products
25	Manufacture of rubber and plastic products
26	Manufacture of other non-metallic mineral products
27	Manufacture of basic metals
28	Manufacture of fabricated metal products, except machinery and equipment
29	Manufacture of machinery and equipment n.e.c.
30	Manufacture of office machinery and computers
31	Manufacture of electrical machinery and apparatus n.e.c.
32	Manufacture of radio, television and communication equipment and apparatus
33	Manufacture of medical, precision and optical instruments, watches and clocks
34	Manufacture of motor vehicles, trailers and semi-trailers
35	Manufacture of other transport equipment
36	Manufacture of furniture; manufacturing n.e.c.
37	Recycling
E	Electricity, gas and water supply
40	Electricity, gas, steam and hot water supply
41	Collection, purification and distribution of water
F	Construction
45	Construction
G	Wholesale and retail trade; repair of motor vehicles, motorcycles and personal and household goods
50	Sale, maintenance and repair of motor vehicles and motorcycles; retail sale of automotive fuel
51	Wholesale trade and commission trade, except of motor vehicles and motorcycles
52	Retail trade, except of motor vehicles and motorcycles; repair of personal and household goods
H	Hotels and restaurants
55	Hotels and restaurants
I	Transport, storage and communication
60	Land transport; transport via pipelines
61	Water transport
62	Air transport

63	Supporting and auxiliary transport activities; activities of travel agencies
64	Post and telecommunications
J	Financial intermediation
65	Financial intermediation, except insurance and pension funding
66	Insurance and pension funding, except compulsory social security
67	Activities auxiliary to financial intermediation
K	Real estate, renting and business activities
70	Real estate activities
71	Renting of machinery and equipment without operator and of personal and household goods
72	Computer and related activities
73	Research and development
74	Other business activities
L	Public administration and defence; compulsory social security
75	Public administration and defence; compulsory social security
M	Education
80	Education
N	Health and social work
85	Health and social work
O	Other community, social and personal service activities
90-90.001	Refuse disposal, sanitation and similar activities
90.001	Sewage removal and treatment
91	Activities of membership organisation n.e.c.
92	Recreational, cultural and sporting activities
93	Other service activities
P	Private households with employed persons
95	Private households with employed persons
Q	Extra-territorial organisations and bodies
99	Extra-territorial organisations and bodies