

Please provide the following details on the origin of this report.

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Submission	
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<i>Date of submission:</i>	<i>21st March 2003</i>

Please provide summary information on the process by which this report has been prepared, including information on the types of stakeholders who have been actively involved in its preparation and on material which was used as a basis for the report.

Context

This report has been prepared in the context of the following constraints:

1. Enterprise Ireland's role is the development of indigenous industry.
2. The report was completed by the Technology Transfer service of Enterprise Ireland, whose role is to facilitate the transnational transfer of technology between companies.
3. The Dept of Enterprise Trade and Employment has governmental responsibility for Enterprise Ireland. Its remit extends only to industry and competition.
4. The report therefore can address biodiversity issues only in the context of DETE's and Enterprise Ireland's remit i.e. indigenous Irish industry.

Stakeholders consulted

- Bioresearch Ireland
- Enterprise Ireland
 1. Environmental Policy Unit
 2. Intellectual Property Unit
 3. Planning dept
 4. Science and Innovation division
- Duchas, The Heritage Service
- Office of Science and Technology, Dept of Enterprise Trade and Employment.

Material used as basis for report

- Experience of stakeholders
- Practices and records of the Technology Transfer service at Enterprise Ireland.

Technology transfer and technology cooperation

Inventory and assessment

1. Has your country developed an inventory of existing technologies or category of technologies, including from indigenous and local communities, for the conservation and sustainable use of biological diversity and its components, in all the thematic areas and cross-cutting issues addressed by the Convention?	
a) no	No
b) an inventory under development	
c) an inventory of some technologies available (please provide some details)	
d) yes, a comprehensive inventory available (please provide details)	
2. Has your country assessed the potential impacts of relevant technologies on biological diversity and their requirements for successful application?	
a) no	No
b) yes, please give some examples	
3. Has your country carried out an assessment of the needs for relevant technologies?	
a) no (please specify the reasons)	
b) yes, and please specify the needs met and the needs not met for existing technologies and for new technologies	The Foresight study reviewed new and emerging technologies, and identified ICT and biotechnology as relevant to industrial development at a national level. Individual company needs would be defined by the companies themselves.

Implementation of some relevant articles of the Convention, relevant decisions adopted at the previous meetings of the Conference of the Parties and recommendations of SBSTTA

4. In implementing the thematic programmes of work adopted by previous meetings of COP, has your country achieved the outcomes identified in these programmes of work through technology transfer and technology cooperation? (Decisions II/10, III/11, IV/6, IV/7 and V/4)	
a) no	No
b) yes, but only a few activities in some programs	
c) yes, and a wide range of activities in many programs of work	
d) if yes, please specify these activities and programmes of work	
5. Has your country undertaken technology cooperation with other Contracting Parties that lack the expertise and resources to assess the risks and minimize the negative impacts of introducing alien species? (Decision V/8)	
a) no	No
b) yes – please give details below (including types of technology transferred, actors involved, terms for transfer and means of access to technology)	
6. Has your country taken any steps or measures to facilitate transfer of technology to and technology cooperation with other Parties to develop and/or strengthen their capacity to implement the policy, program and practice for sustainable use of biological diversity? (Decision V/24)	
a) no	No
b) yes, please specify detailed measures and steps	
7. Could you provide examples or illustrations of benefit-sharing contractual agreements which have included technology cooperation and technology transfer as benefits to be shared? (Article 15)	
a) no	Benefit sharing is an integral part of any of the technology transfer agreements with parties in developed countries. The stakeholders have not reported any agreements with parties in developing nations.
b) yes	

8. Has your Government taken measures, as appropriate, to ensure, as set out in the Article 16(3) that Contracting Parties providing genetic resources are provided access to and transfer of technology which makes use of those genetic resources? (Article 16)	
a) no	No
b) yes, please provide some details	
9. Have the taxonomic institutions in your country taken any initiatives in developing national priorities, both individually and regionally, in new technology? (decision IV/1)	
a) no	
b) yes, in early stages of development	
c) yes, in advanced stages of development	
d) yes, some initiatives in place and some priorities identified	The national Foresight study identified ICT and biotechnology as priority areas for industrial development, and Science Foundation Ireland manages the resulting research initiatives.
e), yes, comprehensive priorities identified	
10. Has your country been involved in technology development and/or transfer for the maintenance and utilization of I collections? (decision V/26)	
a) no	No
b) yes – please give details below (including types of technology transferred, actors involved, terms for transfer and means of access to technology)	
11. Has the clearing-house mechanism in your country been further developed in order to assist in obtaining access to information concerning access to and transfer of technologies? (decision V/14)	
a) no	No
b) yes, please provide some examples	

Role of public and private sectors in technology transfer and technology

12. Do you know of any examples of technology partnerships between public research and development institutions from developing countries and private-sector firms from industrialized countries? If so, to what extent have these partnerships involved	
a) the training of developing country scientists in the application of new technologies for the conservation and utilization of genetic resources	The stakeholders are not aware of any examples of such technology partnerships with developing countries.
b) information exchange on new scientific exchange and technological advances	
c) providing various technology components to developing country partner institutions	
d) engaging in joint research and development?	
13. Has your country taken any measures or developed any programs to encourage the private sector or the public-private partnership to develop and transfer technologies for the benefit of governments and institutions of developing countries, including South-South cooperation?	
a) no	
b) yes, please give details	Only through Ireland's participation in projects under the INCO measure in the European 5 th Framework Programme
14. Have any type of incentives been established in your country to encourage the participation of the private sector in conservation and sustainable use activities as a sources of new technologies and potential financers of conservation programmes?	
a) no	No
b) yes, please give details	

Impact of intellectual property rights on technology transfer and technology cooperation

15. Are the technologies your country has accessed or wishes to access in the public domain or covered by intellectual property rights?	
a) public domain	
b) intellectual property rights	
c) both If private companies have been involved it could be neither	
16. Have intellectual property rights been a limiting factor in acquiring technologies for the conservation and sustainable use of biological diversity?	
a) no If private companies have been involved, probably not.	
b) yes, please provide an example and specify the following: the type of technology sought (hard or soft technology); the area to which it is to be applied (e.g. forest, marine, inland waters, agriculture, etc..)	

Capacity-building for technology transfer and technology cooperation

17. Have adequate institutional structures been established and/or is adequate human capacity available to access relevant technologies, in your country?	
a) no	
b) yes	Yes, adequate resources exist for our industrial needs in the form of Enterprise Ireland's Technology Service.
18. What, if any, have been the limiting factors in implementing relevant technologies?	
a) institutional capacity	
b) human capacity	
c) others-please specify	Company demand for technology transfer from developing countries.
19. Does your country consider that access to information and training or lack thereof has been a limiting factor in access to and transfer of technology?	
a) no	
b) yes, please provide some examples	Yes, the opportunities and approved practices relating to biodiversity issues in technology transfer from developing countries should be fully disseminated.

20. Has your country been able to identify relevant technologies in specific areas for the conservation and sustainable use of biological diversity in your country?	
a) no	Not in the industrial context.
b) yes, please give details	
21. Has your country developed national policy and established international and national institutions to promote technology cooperation, including through the development and strengthening of technical, human and institutional capabilities?	
a) no (please specify the reasons)	No
b) yes, please give some details or examples	
22. Has your country established joint research programmes and joint ventures for the development of technologies relevant to the objectives of the Convention?	
a) no	No
b) yes, please give some details or examples	

Measures for facilitating access to and transfer of technology

23. Has your country established the mechanisms and/or measures to encourage and facilitate the transfer of technology to and technology cooperation with other Contracting Parties?	
a) no	
b) yes, please provide some details	Successful methodologies are well established for technology transfer with developed countries.
24. Has your country established channels for access to the technologies developed and applied for attaining the objectives of the Convention?	
a) no	No
b) yes, please provide detailed information	

Success stories of and constraints to technology transfer and technology cooperation

25. Has your country identified any success stories and opportunities of and constraints to transfer of technology and technology cooperation?	
a) no	
b) yes, please provide detailed information	Success stories in European technology transfer are published on the Innovation Relay Centre's website at http://irc.cordis.lu

Further comments

The main technology transfer activity in Ireland is the Technology Transfer service in Enterprise Ireland. This facilitates technology transfer on behalf of Irish companies within Europe via the Innovation Relay Centre network, and in developed countries outside Europe through a variety of networks, databases and contacts. There have been no technology transfer agreements with biodiversity implications with developing nations reported by any of the stakeholders.

It is possible that there may have been some private technology transfer activity between Irish companies and developing nations. The stakeholders would not necessarily have been party to these agreements.

Each university would have considerable international contacts at an institutional, departmental and individual academic level. It would not be reasonable to conduct an inventory of these contacts for the purpose of this report. Rather, any policies and guidelines developed as a result of the COPs should be widely disseminated.