

REPUBLIC OF SIERRA LEONE

Third National Report

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A. REPORTING PARTY

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Information on the preparation of the report

Box I.

Please provide information on the preparation of this report, including information on stakeholders involved and material used as a basis for the report.

The report was based on a participatory approach involving the Ministry of Agriculture, Environment and the University. Consultancies were given primarily to members of the Biodiversity Task Force that was formed for the implementation of the NBSAP. Series of consultations were made and consultations with all stakeholders in a form of workshop were conducted at national and regional levels. The main reference materials were the NBSAP, PRSP, Vision 2025, Forestry Sector Review.

B. PRIORITY SETTING, TARGETS AND OBSTACLES

Box II.

Please provide an overview of the status and trends of various components of biological diversity in your country based on the information and data available.

Overview of Biodiversity Status and Trends in Sierra Leone

Sierra Leone's biodiversity can be categorized as follows:

Terrestrial Biodiversity, Aquatic Biodiversity and Genetic Biodiversity. Terrestrial and Aquatic Biodiversity can be considered under the various Ecosystem types. There are basically six major ecosystems, four of which are terrestrial: Forest, Montane, Savanna, Agricultural, Wetland and Freshwater and Coastal and Marine. Each of the ecosystems have their own unique floral and fauna as well as habitat. The level of species endemism is incomplete for all ecosystem types in the country, however available data points to the lowland rainforest ecosystem as being biologically more diverse in terms of species richness and endemism than all other ecosystems.

Sierra Leone has two types of forests; Tropical Moist Evergreen Forest and Moist Semi-deciduous Forest. This can be further divided into lowland rainforest ecosystem and Montane. Moist evergreen forests are found in the South East of the country while moist semi-deciduous forests are found in the North of the country. Of the 2000 plant species recorded in the country; 74 are endemic. Moreover, being on the Western tip of the Upper Guinea lowland forest, the country has the advantage of some endemism and a number of rare mammals. The highest mountains in Sierra Leone are found in the North East of the country (Loma Tingi complex). These two mountain chains occupy some 451km². The highest peak is the Bintumani and rises to 1947m while the Sanka Biriwah on the Tingi Hills rises to 1,860m. A total of 1,576 plant species have been recorded for the Loma mountain, including 757 plant genera in 135 plant families with the total of 9 endemic plants. 11 plants are listed as paleo-endemics.

Savanna ecosystems are found mostly in the North and North East of the country and they occupy about 35% of the country. Several types of savanna have been recognized. They include the forest savanna, mixed tree savanna and grassland savanna. Of the large wildlife living in the savannas (Elephants, Leopards, Hyenas, Duikers, Genets, Civets, Warthogs, Aardvarks, Chimpanzees, Baboons, Monkeys etc.) at least six species are recorded as endangered. There are also three protected areas within the savanna ecosystem. They include the legally gazetted Outamba-Kilimi National Park covering an area of 984km². At

least 70% of the country's population depends on agricultural biodiversity for livelihood. The sector contributes to approximately 31% of the GDP. In general, there are two main types of farming systems: the upland farming systems otherwise known as the bush fallow system and the lowland farming system utilizing the IVS, bolilands and mangroves. Wetlands and Freshwater ecosystems in Sierra Leone are vast (almost 5,000 sq km) and rich in birds, mollusk, crustaceans,

In Sierra Leone, the stock of fish is the most diverse along the West Coast of Africa. Marine and coastal fish stocks can be classified into two categories. About 213 species of pelagic and demersal fish stock have been recorded. Although the overall annual catch is still below the estimated @maximum sustainable yield@, it is important to protect and sustainable manage these resources.

Priority Setting

1. Please indicate, by marking an "X" in the appropriate column below, the level of priority your country accords to the implementation of various articles, provisions and relevant programmes of the work of the Convention.

Article/Provision/Programme of Work	Level of Priority		
	High	Medium	Low
a) Article 5 – Cooperation	x		
b) Article 6 - General measures for conservation and sustainable use	X		
c) Article 7 - Identification and monitoring		X	
d) Article 8 – <i>In-situ</i> conservation	X		
e) Article 8(h) - Alien species			X
f) Article 8(j) - Traditional knowledge and related provisions			X
g) Article 9 – <i>Ex-situ</i> conservation			X
h) Article 10 – Sustainable use of components of biological diversity		X	
i) Article 11 - Incentive measures		X	
j) Article 12 - Research and training		X	
k) Article 13 - Public education and awareness	X		
l) Article 14 - Impact assessment and minimizing adverse impacts	X		
m) Article 15 - Access to genetic resources		X	
n) Article 16 - Access to and transfer of technology		X	
o) Article 17 - Exchange of information	X		
p) Article 18 – Scientific and technical cooperation	X		
q) Article 19 - Handling of biotechnology and distribution of its benefits			X
r) Article 20 - Financial resources	X		
s) Article 21 - Financial mechanism		X	
t) Agricultural biodiversity	X		

u) Forest biodiversity	X		
v) Inland water biodiversity	X		
w) Marine and coastal biodiversity		X	
x) Dryland and subhumid land biodiversity		X	
y) Mountain biodiversity	X		

Challenges and Obstacles to Implementation

2. Please use the scale indicated below to reflect the level of challenges faced by your country in implementing the provisions of the Articles of the Convention (5, 6,7, 8, 8h, 8j, 9, 10, 11,12, 13, 14, 15,16, 17, 18, 19 and 20)

3 = High Challenge										1 = Low Challenge									
2 = Medium Challenge										0 = Challenge has been successfully overcome									
N/A = Not applicable																			
Challenges	Articles																		
	5	6	7	8	8h	8j	9	10	11	12	13	14	15	16	17	18	19	20	
a) Lack of political will and support	1	1	3	1	3	3	1	3	3	3	3	3	3	3	3	3	3	3	
b) Limited public participation and stakeholder involvement	2	1	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
c) Lack of mainstreaming and integration of biodiversity issues into other sectors	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
d) Lack of precautionary and proactive measures	1	3	3	3	3	3	3	3	3	3	-	3	3	3	-	-	3	3	
e) Inadequate capacity to act, caused by institutional weakness	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
f) Lack of transfer of technology and expertise	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
g) Loss of traditional knowledge	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
h) Lack of adequate scientific research capacities to support	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	

all the objectives																		
i) Lack of accessible knowledge and information	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
j) Lack of public education and awareness at all levels	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
k) Existing scientific and traditional knowledge not fully utilized	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
l) Loss of biodiversity and the corresponding goods and services it provides not properly understood and documented	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
m) Lack of financial, human, technical resources	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
n) Lack of economic incentive measures	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
o) Lack of benefit-sharing	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
p) Lack of synergies at national and international levels	3	3	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3
q) Lack of horizontal cooperation among stakeholders	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	-
r) Lack of effective partnerships	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
s) Lack of engagement of scientific community	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
t) Lack of appropriate policies and laws	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
u) Poverty	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
v) Population pressure	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
w) Unsustainable consumption and production patterns	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3
x) Lack of capacities for local communities	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

y) Lack of knowledge and practice of ecosystem-based approaches to management	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
z) Weak law enforcement capacity	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
aa) Natural disasters and environmental change	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
bb) Others (please specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

2010 Target

The Conference of the Parties, in decision VII/30, annex II, decided to establish a provisional framework for goals and targets in order to clarify the 2010 global target adopted by decision VI/26, help assess the progress towards the target, and promote coherence among the programmes of work of the Convention. Parties and Governments are invited to develop their own targets with this flexible framework. Please provide relevant information by responding to the questions and requests contained in the following tables.

Box III.

Goal 1	Promote the conservation of the biological diversity of ecosystems, habitats and biomes.		
Target 1.1	At least ten percent of each of the world's ecological regions effectively conserved		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			
b) Yes, the same as the global target		X	
c) Yes, one or more specific national targets have been established		X	
Please provide details below.			
<p>Protected Area Coverage: Sierra Leone aims to increase Protected Area Coverage from its current level of 8% to 10% by 2010, covering all the major ecosystem types in the country.</p> <p>The Forest Policy objective is to constitute Forest Reserves, conserve and develop 20% of the country's total land area into forests and to ensure co-management by local communities in about 60% of the Forest Reserves.</p>			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural	x		Aim to increase by 70%
b) Inland water	x		Protection by developing 1000 hectares of wetland annually till 2010,
c) Marine and coastal		x	WAMI protect aims to develop coastal ecosystems by sustainable management of mangroves.
d) Dry and subhumid land		x	At least 10% of the total land area to be set aside as Protected Areas (PAs)
e) Forest	x		At least 20% of the forest cover be managed and protected
f) Mountain	x		40% of mountain areas to be protected
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			
b) Yes, into national biodiversity strategy and action plan		X	

c) Yes, into sectoral strategies, plans and programmes	X
Please provide details below.	
The targets and strategies have been incorporated in sectoral targets of the strategy for poverty reduction	
IV) Please provide information on current status and trends in relation to this target.	
Presently, about 20% of wetlands and other ecosystems in the country are under some form of protection. Number 1.1 is relevant.	
V) Please provide information on indicators used in relation to this target.	
Percentage of forest/dry lands etc. under protection as Pas, Forest Parks, Community Reserves, Private Reserves etc.	
VI) Please provide information on challenges in implementation of this target.	
<ul style="list-style-type: none"> - Community sensitization programmes - Inadequate financial resources - Inadequate capacity at all levels 	
VII) Please provide any other relevant information.	
A new forest policy has been approved. The aim is to ensure proper governance of protected areas	

Box IV.

Target 1.2	Areas of particular importance to biodiversity protected		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			
b) Yes, the same as the global target			X
c) Yes, one or more specific national targets have been established			X
Please provide details below.			
National Parks, Coastal and Marine Protected Areas.			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural	X		Lowland Agricultural Development Project (LADEP)
b) Inland water		X	
c) Marine and coastal	X		Protection of mangrove and other species
d) Dry and subhumid land		X	To set aside at least 10% of the total land area as Pas
e) Forest	X		Forest Parks, community rangelands, woodlands, Pas – about 30% of forest land managed and 10% of land area

			declared at Pas by 2010.
f) Mountain		X	
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			
b) Yes, into national biodiversity strategy and action plan			X
c) Yes, into sectoral strategies, plans and programmes			
Please provide details below.			
IV) Please provide information on current status and trends in relation to this target. World bank has approved the protection of five Pas into a National Park status. Already, a Gola Forest Programme for Conservation into a National Park is in progress.			
V) Please provide information on indicators used in relation to this target. Percentage of protected wetlands, rivers, drylands etc. (see target 1.1)			
VI) Please provide information on challenges in implementation of this target. <ul style="list-style-type: none"> - Lack of community awareness of ownership - Low capacity of communities in protection of particular areas - Poverty etc. (see target 1.1) 			
VII) Please provide any other relevant information. High level political will and commitment by other stakeholders.			

Box V.

Goal 2	Promote the conservation of species diversity		
Target 2.1	Restore, maintain, or reduce the decline of populations of species of selected taxonomic groups		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			X
Please provide details below. Many species are now protected by law e.g. Elephants, Pygmy hippopotamus, Red Colobus Monkey, Chimpanzees.			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details

a) Agricultural		X	Certain crop varieties are protected by law e.g. nitrogen fixing trees.
b) Inland water	X		Inland waters and associated species such as the manatee and other species are protected by law
c) Marine and coastal		X	Marine and Coastal mangrove areas and associated species are protected by law.
d) Dry and subhumid land		X	Dry and subhumid lands and associated species of animals
e) Forest	X		Protected tree species such as Mahogany, African Iron wood etc.
f) Mountain	X		
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			
b) Yes, into national biodiversity strategy and action plan			X
c) Yes, into sectoral strategies, plans and programmes			
Please provide details below.			
See Targets 1.1 and 1.2			
IV) Please provide information on current status and trends in relation to this target.			
Targets 1.1 and 1.2 relevant			
V) Please provide information on indicators used in relation to this target.			
Observations in the field confirm an increase in the number of certain species of animals and trees e.g. hippos (incident of conflict), West African Manatee, Pygmy hippos, Elephants			
VI) Please provide information on challenges in implementation of this target.			
Lack of awareness, Poverty, Bad Government			
VII) Please provide any other relevant information.			

Box VI.

Target 2.2	Status of threatened species improved
I) National target: Has a national target been established corresponding to the global target above?	
a) No	
b) Yes, the same as the global target	
c) Yes, one or more specific national targets have been established	X
Please provide details below.	
Some animals and bird species are protected by law	
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been	

established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest		X	
f) Mountain		X	
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			
b) Yes, into national biodiversity strategy and action plan			X
c) Yes, into sectoral strategies, plans and programmes			
Please provide details below.			
Forestry Act of 1988, Regulation 1990 and the New Forest Policy and Environmental Protection Act 2000			
IV) Please provide information on current status and trends in relation to this target.			
Acts have been enacted and implementation in progress			
V) Please provide information on indicators used in relation to this target.			
A considerable decline in the incidence of poaching involving threatened species of plants and animals			
VI) Please provide information on challenges in implementation of this target.			
Poverty, animal/farmer conflict, capacity constraints			
VII) Please provide any other relevant information.			

Box VII.

Goal 3	Promote the conservation of genetic diversity
Target 3.1	Genetic diversity of crops, livestock, and of harvested species of trees, fish and wildlife and other valuable species conserved, and associated indigenous and local knowledge maintained
I) National target: Has a national target been established corresponding to the global target above?	
a) No	
b) Yes, the same as the global target	

c) Yes, one or more specific national targets have been established		X	
Please provide details below.			
A policy framework has been developed for crops, fisheries, livestock and wildlife. Crop improvement programme (NERICA), Tree demestication and Aqua culture (fisheries Resources Conservation)			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural	X		
b) Inland water	X		Inland valley conservation rice based development network in operation with a focus on promoting the conservation of the genetic diversity of NERICA as a species/variety of rice at the Rokupr Rice Research Station
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest		X	
f) Mountain		X	
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			
b) Yes, into national biodiversity strategy and action plan			
c) Yes, into sectoral strategies, plans and programmes			X
Please provide details below.			
Rice research into rice varieties on going at Rice Research Station at Rokupr. Presently trails on NERICA on going.			
IV) Please provide information on current status and trends in relation to this target.			
Work progressing but problem of adaptation to new breeds due to high illiteracy			
V) Please provide information on indicators used in relation to this target.			
An increasing number of farmers are now planting the NERICA rice due to its short duration and high yields etc.			
VI) Please provide information on challenges in implementation of this target.			
Awareness raising and lack of funds			
VII) Please provide any other relevant information.			
Disjoint between research and extension.			

Box VIII.

Goal 4	Promote sustainable use and consumption.		
Target 4.1	Biodiversity-based products derived from sources that are sustainably managed, and production areas managed consistent with the conservation of biodiversity		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			X
Please provide details below.			
In Sierra Leone, the new forest policy ensures logging on a sustainable basis and good governance.			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest	X		
f) Mountain	x		
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			
b) Yes, into national biodiversity strategy and action plan			
c) Yes, into sectoral strategies, plans and programmes			X
Please provide details below.			
IV) Please provide information on current status and trends in relation to this target.			
V) Please provide information on indicators used in relation to this target.			
VI) Please provide information on challenges in implementation of this target.			
VII) Please provide any other relevant information.			

None

Box IX.

Target 4.2	Unsustainable consumption, of biological resources, or that impacts upon biodiversity, reduced		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			
b) Yes, the same as the global target			X
c) Yes, one or more specific national targets have been established			
Please provide details below.			
Increase in the number of protected areas in the country			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural	X		Reduction in shifting cultivation and emphasis on swamp or boliland cultivation
b) Inland water	X		
c) Marine and coastal	X		Minimum net sizes for fishing nets introduced
d) Dry and subhumid land		X	Habitat destruction in all its forms prohibited
e) Forest	X		Deforestation minimized
f) Mountain	X		Reduction in unsustainable use of mountain biodiversity
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			
b) Yes, into national biodiversity strategy and action plan			X
c) Yes, into sectoral strategies, plans and programmes			
Please provide details below.			
Ban imposed on illegal logging and exports			
IV) Please provide information on current status and trends in relation to this target.			
V) Please provide information on indicators used in relation to this target.			
Loss of species diversity: endangered species/threatened species			
VI) Please provide information on challenges in implementation of this target.			

Poverty
 Inadequate capacity
 Inadequate financial resources
 Political will

VII) Please provide any other relevant information.

Box X.

Target 4.3		No species of wild flora or fauna endangered by international trade	
I) National target: Has a national target been established corresponding to the global target above?			
a) No			
b) Yes, the same as the global target		X	
c) Yes, one or more specific national targets have been established			
Please provide details below.			
Crocodiles, manatees, turtles, brown necked parrot, grey parrot etc. and some tree species such as Mahogany, Pterocarpus erinaceus etc. are all endangered			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest		X	
f) Mountain		X	
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			
b) Yes, into national biodiversity strategy and action plan		X	
c) Yes, into sectoral strategies, plans and programmes		X	
Please provide details below.			
The Forestry and Wildlife Laws both prohibit unregulated trade in all species of fauna and flora irrespective of status in accordance with CITES			
IV) Please provide information on current status and trends in relation to this target.			
Current CITES provisions apply			
V) Please provide information on indicators used in relation to this target.			

X

Number of CITES permits issued
VI) Please provide information on challenges in implementation of this target. Low level of awareness on CITES; lack of funding, shortage of monitors, cooperation from Customs and Police
VII) Please provide any other relevant information.

Box XI.

Goal 5	Pressures from habitat loss, land use change and degradation, and unsustainable water use, reduced.		
Target 5.1	Rate of loss and degradation of natural habitats decreased		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			
b) Yes, the same as the global target			X
c) Yes, one or more specific national targets have been established			
Please provide details below.			
Rate of loss of natural habitat reduced due to implementation of new forest policy and land use policy.			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural	X		Several soil and water conservation practices adopted
b) Inland water	X		Land use plan adopted
c) Marine and coastal	X		
d) Dry and subhumid land			
e) Forest	X		Increase in the number of PA in Sierra Leone.
f) Mountain			
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			
b) Yes, into national biodiversity strategy and action plan			X
c) Yes, into sectoral strategies, plans and programmes			X
Please provide details below.			
IV) Please provide information on current status and trends in relation to this target. Implementation of the various plans, strategies, policies and laws is in progress.			

V) Please provide information on indicators used in relation to this target.
Satellite images, land use maps
VI) Please provide information on challenges in implementation of this target.
VII) Please provide any other relevant information.

Box XII.

Goal 6	Control threats from invasive alien species.		
Target 6.1	Pathways for major potential alien invasive species controlled		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			X
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			
Please provide details below.			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest		X	
f) Mountain		X	
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			X
b) Yes, into national biodiversity strategy and action plan			
c) Yes, into sectoral strategies, plans and programmes			
Please provide details below.			
However, NBSAP, Forestry, Wildlife, Agriculture and Fisheries legislations and policies touched on alien invasive and other pathways to prevent introduction and spread.			
IV) Please provide information on current status and trends in relation to this target.			
Generally, alien invasive are not given the due attention they deserve and their control and eradication is done on an adhoc, haphazard and sectoral manner. No coordinated national			

movement.
V) Please provide information on indicators used in relation to this target. Field observations, number of new invasive, new areas covered/affected.
VI) Please provide information on challenges in implementation of this target. Resource constraints, inadequate capacity, illiteracy
VII) Please provide any other relevant information.

Box XIII.

Target 6.2	Management plans in place for major alien species that threaten ecosystems, habitats or species		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			X
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			
Please provide details below.			
Plans in action to control invasive species. The Phytosanitary Unit at the Ministry of Agriculture has this mandate.			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural		X	
b) Inland water		x	
c) Marine and coastal		x	
d) Dry and subhumid land		x	
e) Forest		x	
f) Mountain		x	
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			X
b) Yes, into national biodiversity strategy and action plan			
c) Yes, into sectoral strategies, plans and programmes			
Please provide details below.			
IV) Please provide information on current status and trends in relation to this target.			

V) Please provide information on indicators used in relation to this target.
VI) Please provide information on challenges in implementation of this target.
VII) Please provide any other relevant information.

Box XIV.

Goal 7	Address challenges to biodiversity from climate change, and pollution.		
Target 7.1	Maintain and enhance resilience of the components of biodiversity to adapt to climate change		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			X
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			
Please provide details below.			
However, the second National Communication to the UNFCCC touched on practical options for mitigating the impact of climate change on biodiversity as well as adaptation and public awareness			
II) National targets for specific programmes of work: If such national target(s) ha(s) (ve) been established, please indicate here, and give further details in the box (es).			
Programme of work	Yes	No	Details
a) Agricultural		X	
b) Inland water		X	A National Adaptation Plan of Action (NAPA) on Climate has been prepared.
c) Marine and coastal		X	Mangrove reclamation programmes underway
d) Dry and subhumid land		X	Initiatives to re-establish and enhance the vegetation through Pas, Forest Parks etc. are in progress
e) Forest		X	Efforts to reclaim lost forests in progress
f) Mountain			
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			X
b) Yes, into national biodiversity strategy and action plan			
c) Yes, into sectoral strategies, plans and programmes			
Please provide details below.			

IV) Please provide information on current status and trends in relation to this target.
V) Please provide information on indicators used in relation to this target.
VI) Please provide information on challenges in implementation of this target.
VII) Please provide any other relevant information.
None

Box XV.

Target 7.2	Reduce pollution and its impacts on biodiversity		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			X
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			
Please provide details below.			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest		X	
f) Mountain		X	
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			X
b) Yes, into national biodiversity strategy and action plan			
c) Yes, into sectoral strategies, plans and programmes			
Please provide details below.			

IV) Please provide information on current status and trends in relation to this target.
V) Please provide information on indicators used in relation to this target.
VI) Please provide information on challenges in implementation of this target.
VII) Please provide any other relevant information.

Box XVI.

Goal 8	Maintain capacity of ecosystems to deliver goods and services and support livelihoods.		
Target 8.1	Capacity of ecosystems to deliver goods and services maintained		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			X
Please provide details below.			
The new forest and wildlife policy together with the relevant Acts help maintain capacity of ecosystems to deliver goods and services and support livelihoods.			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid and		X	
e) Forest		X	
f) Mountain			
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			
b) Yes, into national biodiversity strategy and action plan			
c) Yes, into sectoral strategies, plans and programmes			X
Please provide details below.			

The various Acts; Wildlife Act, Forestry Act, Fisheries At, Pesticide Control and Management Act are meant to maintain the capacity of the chemicals. Pesticide Control and Management Act are meant to maintain the capacity of the ecosystem to support livelihoods.

IV) Please provide information on current status and trends in relation to this target.

Implementation in progress

V) Please provide information on indicators used in relation to this target.

Number of community owned and managed Pas and forest reserve
Income derived from ecosystems e.g. honey, edible fruits and nuts, ecotourism benefits etc.

VI) Please provide information on challenges in implementation of this target.

Resource limitations, capacity constraints, lack of ecosystem approach to resource management

VII) Please provide any other relevant information.

Box XVII.

Target 8.2				Biological resources that support sustainable livelihoods, local food security and health care, especially of poor people maintained			
I) National target: Has a national target been established corresponding to the global target above?							
a) No				X			
b) Yes, the same as the global target							
c) Yes, one or more specific national targets have been established							
Please provide details below.							
Ghana Poverty Reduction Strategy- GPRS.							
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).							
Programme of work	Yes	No	Details				
a) Agricultural		X					
b) Inland water		X					
c) Marine and coastal		X					
d) Dry and subhumid and		X					
e) Forest		X					
f) Mountain		X					
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?							
a) No				X			
b) Yes, into national biodiversity strategy and action plan							

c) Yes, into sectoral strategies, plans and programmes	
Please provide details below.	
IV) Please provide information on current status and trends in relation to this target.	
V) Please provide information on indicators used in relation to this target.	
VI) Please provide information on challenges in implementation of this target.	
VII) Please provide any other relevant information.	

Box XVIII.

Goal 9	Maintain socio-cultural diversity of indigenous and local communities.		
Target 9.1	Protect traditional knowledge, innovations and practices		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			X
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established.			
Please provide details below.			
Draft legislation on Plant Variety before parliament.			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest		X	
f) Mountain			
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			X
b) Yes, into national biodiversity strategy and action plan			

c) Yes, into sectoral strategies, plans and programmes	
Please provide details below.	
IV) Please provide information on current status and trends in relation to this target.	
V) Please provide information on indicators used in relation to this target.	
VI) Please provide information on challenges in implementation of this target.	
VII) Please provide any other relevant information.	

Box XIX.

Target 9.2	Protect the rights of indigenous and local communities over their traditional knowledge, innovations and practices, including their rights to benefit sharing		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			X
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			
Please provide details below.			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid and		X	
e) Forest		X	
f) Mountain			
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			
a) No			X
b) Yes, into national biodiversity strategy and action plan			

c) Yes, into sectoral strategies, plans and programmes	
Please provide details below.	
IV) Please provide information on current status and trends in relation to this target.	
V) Please provide information on indicators used in relation to this target.	
VI) Please provide information on challenges in implementation of this target.	
VII) Please provide any other relevant information.	

Box XX.

Goal 10	Ensure the fair and equitable sharing of benefits arising out of the use of genetic resources.		
Target 10.1	All transfers of genetic resources are in line with the Convention on Biological Diversity, the International Treaty on Plant Genetic Resources for Food and Agriculture and other applicable agreements		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			X
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			
Please provide details below.			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid and		X	
e) Forest		X	
f) Mountain			
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			

a) No	X
b) Yes, into national biodiversity strategy and action plan	
c) Yes, into sectoral strategies, plans and programmes	
Please provide details below.	
IV) Please provide information on current status and trends in relation to this target.	
V) Please provide information on indicators used in relation to this target.	
VI) Please provide information on challenges in implementation of this target.	
VII) Please provide any other relevant information.	

Box XXI.

Target 10.2	Benefits arising from the commercial and other utilization of genetic resources shared with the countries providing such resources		
I) National target: Has a national target been established corresponding to the global target above?			
a) No	X		
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			
Please provide details below.			
In the process of developing a national target.			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest		X	
f) Mountain			
III) Has the global or national target been incorporated into relevant plans, programmes and strategies?			

a) No	X
b) Yes, into national biodiversity strategy and action plan	
c) Yes, into sectoral strategies, plans and programmes	
Please provide details below.	
IV) Please provide information on current status and trends in relation to this target.	
V) Please provide information on indicators used in relation to this target.	
VI) Please provide information on challenges in implementation of this target.	
VII) Please provide any other relevant information.	

Box XXII.

Goal 11	Parties have improved financial, human, scientific, technical and technological capacity to implement the Convention.		
Target 11.1	New and additional financial resources are transferred to developing country Parties, to allow for the effective implementation of their commitments under the Convention, in accordance with Article 20		
I) National target: Has a national target been established corresponding to the global target above?			
a) No	X		
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			
Please provide details below.			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural			
b) Inland water			
c) Marine and coastal			
d) Dry and subhumid land			
e) Forest			
f) Mountain			

III) Has the global or national target been incorporated into relevant plans, programmes and strategies?	
a) No	
b) Yes, into national biodiversity strategy and action plan	
c) Yes, into sectoral strategies, plans and programmes	
Please provide details below.	
IV) Please provide information on current status and trends in relation to this target.	
V) Please provide information on indicators used in relation to this target.	
VI) Please provide information on challenges in implementation of this target.	
VII) Please provide any other relevant information.	

Box XXIII.

Target 11.2	Technology is transferred to developing country Parties, to allow for the effective implementation of their commitments under the Convention, in accordance with its Article 20, paragraph 4		
I) National target: Has a national target been established corresponding to the global target above?			
a) No			X
b) Yes, the same as the global target			
c) Yes, one or more specific national targets have been established			
Please provide details below.			
II) National targets for specific programmes of work: If such national target(s) ha(s)(ve) been established, please indicate here, and give further details in the box(es).			
Programme of work	Yes	No	Details
a) Agricultural		X	
b) Inland water		X	
c) Marine and coastal		X	
d) Dry and subhumid land		X	
e) Forest		X	
f) Mountain		X	
III) Has the global or national target been incorporated into relevant plans, programmes			

and strategies?	
a) No	
b) Yes, into national biodiversity strategy and action plan	
c) Yes, into sectoral strategies, plans and programmes	
Please provide details below.	
IV) Please provide information on current status and trends in relation to this target.	
V) Please provide information on indicators used in relation to this target.	
VI) Please provide information on challenges in implementation of this target.	
VII) Please provide any other relevant information.	

Global Strategy for Plant Conservation (GSPC)

The Conference of the Parties, in decision VI/9, annex, adopted the Global Strategy for Plant Conservation. Parties and Governments are invited to develop their own targets with this flexible framework. The Conference of the Parties considered the Strategy as a pilot approach for the use of outcome oriented targets under the Convention. In decision VII/10, the Conference of the Parties decided to integrate the targets into the reporting framework for the Third National Reports. Please provide relevant information by responding to the questions and requests contained in the following tables.

Box XXIV.

Target 1. A widely accessible working list of known plant species, as a step towards a complete world flora.	
I) Has your country established national target corresponding to the above global target?	
a) Yes	X
b) No	
Please specify	
The NBSAP, Trees of Sierra Leone and Fauna and Flora of Sierra Leone all have check list of species	
II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?	
a) Yes	
b) No	X
Please specify	
III) Current status (please indicate current status related to this target)	
IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)	
V) Progress made towards target (please specify indicators used to monitor progress towards the target)	
VI) Constraints to achieving progress towards the target	
VII) Any other relevant information	

Box XXV.**Target 2. A preliminary assessment of the conservation status of all known plant species, at national, regional and international levels.**

I) Has your country established national target corresponding to the above global target?

a) Yes

b) No

X

Please specify

II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?

a) Yes

b) No

X

Please specify

III) Current status (please indicate current status related to this target)

IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)

V) Progress made towards target (please specify indicators used to monitor progress towards the target)

VI) Constraints to achieving progress towards the target

VII) Any other relevant information

Box XXVI.**Target 3. Development of models with protocols for plant conservation and sustainable use, based on research and practical experience.**

I) Has your country established national target corresponding to the above global target?

a) Yes

b) No

X

Please specify

II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?

a) Yes

b) No

X

Please specify

III) Current status (please indicate current status related to this target)

IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)

V) Progress made towards target (please specify indicators used to monitor progress towards the target)

VI) Constraints to achieving progress towards the target

VII) Any other relevant information

Box XXVII.**Target 4. At least ten percent of each of the world's ecological regions effectively conserved.**

I) Has your country established national target corresponding to the above global target?

a) Yes

X

b) No

Please specify

Forest woodlands, marine and coastal areas, drylands, inland waters and wetlands are being increasingly put under protection as Pas, forest parks, community reserves and other categories of Pas to cover about 10% of the total land area by 2010

II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?

a) Yes

X

b) No

Please specify

NBSAP, Forestry policy and plan to combat deforestation

III) Current status (please indicate current status related to this target)

Target not yet reached, but progress towards its realization is encouraging.

IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)

Forest policy review, legislative reviews in forestry and wildlife.

V) Progress made towards target (please specify indicators used to monitor progress towards the target)

Number of private/community forests, protected areas, special fishing zones etc. established.

VI) Constraints to achieving progress towards the target

Capacity constraints, inadequate finances

VII) Any other relevant information

Box XXVIII.**Target 5. Protection of fifty percent of the most important areas for plant diversity assured.**

I) Has your country established national target corresponding to the above global target?

a) Yes

b) No

X

Please specify

II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?

a) Yes

b) No

X

Please specify

III) Current status (please indicate current status related to this target)

IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)

V) Progress made towards target (please specify indicators used to monitor progress towards the target)

VI) Constraints to achieving progress towards the target

VII) Any other relevant information

Box XXIX.**Target 6. At least thirty percent of production lands managed consistent with the conservation of plant diversity.**

I) Has your country established national target corresponding to the above global target?

a) Yes

b) No

X

Please specify

II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?

a) Yes

b) No

X

Please specify

III) Current status (please indicate current status related to this target)

IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)

V) Progress made towards target (please specify indicators used to monitor progress towards the target)

VI) Constraints to achieving progress towards the target

VII) Any other relevant information

Box XXX.

Target 7. Sixty percent of the world's threatened species conserved <i>In-situ</i>.	
I) Has your country established national target corresponding to the above global target?	
a) Yes	
b) No	X
Please specify	
II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?	
a) Yes	
b) No	X
Please specify	
III) Current status (please indicate current status related to this target)	
IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)	
V) Progress made towards target (please specify indicators used to monitor progress towards the target)	
VI) Constraints to achieving progress towards the target	
VII) Any other relevant information	

Box XXXI.

Target 8. Sixty percent of threatened plant species in accessible *Ex-situ* collections, preferably in the country of origin, and 10 percent of them included in recovery and restoration programmes.

I) Has your country established national target corresponding to the above global target?

a) Yes

b) No

X

Please specify

II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?

a) Yes

b) No

X

Please specify

III) Current status (please indicate current status related to this target)

IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)

V) Progress made towards target (please specify indicators used to monitor progress towards the target)

VI) Constraints to achieving progress towards the target

VII) Any other relevant information

Box XXXII.

Target 9. Seventy percent of the genetic diversity of crops and other major socio-economically valuable plant species conserved, and associated indigenous and local knowledge maintained.

I) Has your country established national target corresponding to the above global target?

a) Yes

b) No

X

Please specify

II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?

a) Yes

b) No

X

Please specify

III) Current status (please indicate current status related to this target)

IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)

V) Progress made towards target (please specify indicators used to monitor progress towards the target)

VI) Constraints to achieving progress towards the target

VII) Any other relevant information

Box XXXIII.**Target 10. Management plans in place for at least 100 major alien species that threaten plants, plant communities and associated habitats and ecosystems.**

I) Has your country established national target corresponding to the above global target?

a) Yes

b) No

X

Please specify

II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?

a) Yes

b) No

X

Please specify

III) Current status (please indicate current status related to this target)

IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)

V) Progress made towards target (please specify indicators used to monitor progress towards the target)

VI) Constraints to achieving progress towards the target

VII) Any other relevant information

Box XXXIV.

Target 11. No species of wild flora endangered by international trade.	
I) Has your country established national target corresponding to the above global target?	
a) Yes	X
b) No	
Please specify	
Unregulated trade in wild flora prohibited by law	
II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?	
a) Yes	
b) No	X
Please specify	
III) Current status (please indicate current status related to this target)	
IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)	
V) Progress made towards target (please specify indicators used to monitor progress towards the target)	
VI) Constraints to achieving progress towards the target	
VII) Any other relevant information	

Box XXXV.

Target 12. Thirty percent of plant-based products derived from sources that are sustainably managed.

I) Has your country established national target corresponding to the above global target?

a) Yes

b) No

X

Please specify

II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?

a) Yes

b) No

X

Please specify

III) Current status (please indicate current status related to this target)

IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)

V) Progress made towards target (please specify indicators used to monitor progress towards the target)

VI) Constraints to achieving progress towards the target

VII) Any other relevant information

Box XXXVI.

Target 13. The decline of plant resources, and associated indigenous and local knowledge, innovations and practices that support sustainable livelihoods, local food security and health care, halted.	
I) Has your country established national target corresponding to the above global target?	
a) Yes	
b) No	X
Please specify	
II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?	
a) Yes	
b) No	X
Please specify	
III) Current status (please indicate current status related to this target)	
IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)	
V) Progress made towards target (please specify indicators used to monitor progress towards the target)	
VI) Constraints to achieving progress towards the target	
VII) Any other relevant information	

Box XXXVII.

Target 14. The importance of plant diversity and the need for its conservation incorporated into communication, educational and public-awareness programmes.	
I) Has your country established national target corresponding to the above global target?	
a) Yes	X
b) No	
Please specify	
II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?	
a) Yes	X
b) No	
Please specify	
NBSAP, Forestry Fisheries, Agriculture and Wildlife Policies and Plans.	
III) Current status (please indicate current status related to this target)	
Change of attitude towards biodiversity conservation	
IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)	
Environmental education programmes in radio, TV and village communities	
V) Progress made towards target (please specify indicators used to monitor progress towards the target)	
Good progress, 9increase in number of people sensitized	
VI) Constraints to achieving progress towards the target	
Resource and capacity constraints	
VII) Any other relevant information	

Box XXXVIII.

Target 15. The number of trained people working with appropriate facilities in plant conservation increased, according to national needs, to achieve the targets of this Strategy.

I) Has your country established national target corresponding to the above global target?

a) Yes

b) No

X

Please specify

Academic and research institutions undertaking training of people.
Some institutions and NGOs being resourced to undertake training.

II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?

a) Yes

b) No

X

Please specify

III) Current status (please indicate current status related to this target)

IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)

V) Progress made towards target (please specify indicators used to monitor progress towards the target)

VI) Constraints to achieving progress towards the target

VII) Any other relevant information

Box XXXIX.**Target 16. Networks for plant conservation activities established or strengthened at national, regional and international levels.**

I) Has your country established national target corresponding to the above global target?

a) Yes

b) No

X

Please specify

II) Has your country incorporated the above global or national target into relevant plans, programmes and strategies?

a) Yes

b) No

X

Please specify

III) Current status (please indicate current status related to this target)

IV) Measures taken to achieve target (please indicate activities, legislative measures and other steps taken with a view to achieve the target)

V) Progress made towards target (please specify indicators used to monitor progress towards the target)

VI) Constraints to achieving progress towards the target

VII) Any other relevant information

Box XL.

Please elaborate below on the implementation of this strategy specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

Ecosystem Approach

The ecosystem approach is a strategy for the integrated management of land, water and living resources that promotes conservation and sustainable use in an equitable way.

Application of the ecosystem approach will help to reach a balance of the three objectives of the Convention. At its second meeting, the Conference of the Parties has affirmed that the ecosystem approach is the primary framework for action under the Convention (decision II/8). The Conference of the Parties, at its fifth meeting, endorsed the description of the ecosystem approach and operational guidance and recommended the application of the principles and other guidance on the ecosystem approach. The seventh meeting of the Conference of the Parties agreed that the priority at this time should be facilitating implementation of the ecosystem approach. Please provide relevant information by responding to the following questions.

3. <input checked="" type="checkbox"/> ¹ Is your country applying the ecosystem approach, taking into account the principles and guidance contained in the annex to decision V/6? (decision V/6)	
a) No	
b) No, but application is under consideration	
c) Yes, some aspects are being applied	X
d) Yes, substantially implemented	

4. <input checked="" type="checkbox"/> Is your country developing practical expressions of the ecosystem approach for national policies and legislation and for implementation activities, with adaptation to local, national, and regional conditions? (decision V/6)	
a) No	
b) No, but development is under consideration	
c) Yes, practical expressions have been developed for applying some principles of the ecosystem approach	X
d) Yes, practical expressions have been developed for applying most principles of the ecosystem approach	

5. Is your country strengthening capacities for the application of the ecosystem approach, and providing technical and financial support for capacity-building to apply the ecosystem approach? (decision V/6)	
a) No	

¹ Please note that all the questions marked with have been previously covered in the second national reports and some thematic reports.

b) Yes, within the country	X – FAO is supporting capacity in integrated land use survey with a view to developing a land use policy for Sierra Leone
c) Yes, including providing support to other Parties	

6. <input checked="" type="checkbox"/> Has your country promoted regional cooperation in applying the ecosystem approach across national borders? (decision V/6)	
a) No	
b) Yes, informal cooperation (please provide details below)	
c) Yes, formal cooperation (please provide details below)	X
Further comments on regional cooperation in applying the ecosystem approach across national borders.	
Transboundary management of biodiversity The Fouta Djallon Highlands Integrated Management and Conservation WAMI (West African Mangrove Initiatives)	

7. Is your country facilitating the exchange of experiences, capacity building, technology transfer and awareness raising to assist with the implementation of the ecosystem approach? (decisions VI/12 and VII/11)	
a) No	
b) No, some programmes are under development	
c) Yes, some programmes are being implemented (please provide details below)	X
d) Yes, comprehensive programmes are being implemented (please provide details below)	
Further comments on facilitating the exchange of experiences, capacity building, technology transfer and awareness raising to assist with the implementation of the ecosystem approach.	
USAID is supporting management of transboundary biodiversity in the Mano River States	

8. Is your country creating an enabling environment for the implementation of the ecosystem approach, including through development of appropriate institutional frameworks? (decision VII/11)	
a) No	
b) No, but relevant policies and programmes are under development	
c) Yes, some policies and programmes are in place (please provide details below)	X
d) Yes, comprehensive policies and programmes are in place (please provide details below)	
Further comments on the creation of an enabling environment for the implementation of the ecosystem approach.	

C. ARTICLES OF THE CONVENTION

Article 5 – Cooperation

9. <input checked="" type="checkbox"/> Is your country actively cooperating with other Parties in respect of areas beyond national jurisdiction for the conservation and sustainable use of biological diversity?	
a) No	
b) Yes, bilateral cooperation (please give details below)	X
c) Yes, multilateral cooperation (please give details below)	X
d) Yes, regional and/or subregional cooperation (please give details below)	X
e) Yes, other forms of cooperation (please give details below)	
Further comments on cooperation with other Parties in respect of areas beyond national jurisdiction for the conservation and sustainable use of biodiversity.	
<ul style="list-style-type: none"> - The Mano River Union Status – Sierra Leone, Guinea and Liberia – have agreed to establish cooperation in the effective management of their transboundary biodiversity conservation areas in the subregion. - The Guinea current Large Marine Ecosystem which involves 18 countries along the shores of West and Central Africa to combat fisheries depletion physical alterations and destruction of coastal habitats. - ECOWAS protocol on free management of humans and animals - Subregional fisheries Comisión for the regulation, control and protection of fisheries in the sub-region (Sierra Leone, guinea, Senegal, Gambia, Guinea-Bissau, and Cape Verde Islands). - Conventions on Biodiversity, Climate Change and Land degradation/desertification; CITES, Ramsar, Convention on the high seas, Vienna Convention and Montreal Protocol for the Protection of the Ozone Layer, Stockholm Convention of Persistent Organic Pollutants. 	

10. Is your country working with other Parties to develop regional, subregional or bioregional mechanisms and networks to support implementation of the Convention?
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(decision VI/27 A)	
a) No	
b) No, but consultations are under way	X
c) Yes, some mechanisms and networks have been established (please provide details below)	X
d) Yes, existing mechanisms have been strengthened (please provide details below)	
Further comments on development of regional, subregional or bioregional mechanisms and networks to support implementation of the Convention.	
<ul style="list-style-type: none"> - Collaboration with Liberia and guinea to operationalise the communiqué on Management of Transboundary Biodiversity Conservation Areas (TBCAs) in the Mano River Union. - Meeting of States in the Mano River Union to harmonize the management plans of TBCAs and conduct joint management operations within the TBCAs in terms of administrative and technical exchange of knowledge and visits. 	

11. Is your country taking steps to harmonize national policies and programmes, with a view to optimizing policy coherence, synergies and efficiency in the implementation of various multilateral environment agreements (MEAs) and relevant regional initiatives at the national level? (decision VI/20)	
a) No	
b) No, but steps are under consideration	
c) Yes, some steps are being taken (please specify below)	X
d) Yes, comprehensive steps are being taken (please specify below)	X
Further comments on the harmonization of policies and programmes at the national level.	
<ul style="list-style-type: none"> - NBSAP has been developed and adopted. - A New National Forestry Policy has also been developed and the National Forestry Legislation is in the review process as part of the Law Reforms in the country. - National Biosafety Framework has been developed and the National Biosafety Bill will be adopted and enacted in 2008 - First National Communication on climate change for Sierra Leone is being developed - National Adaptation Programme of Action (NAPA) also developed to mitigate the negative impacts of climate change thereby reducing biodiversity loss. - Steps are underway to review and harmonize all national policies and legislation relating to natural resources management. - National Capacity Self-Assessment on constraints and capacity needs of institutions involved in natural resources management has been done for the effective implementation of the RIO Conventions on Biodiversity, Climate Change and Land 	

Degradation.

- The National Action Plan (NAP) of implementation to combat desertification/land degradation is under development.

Box XLI.

Please elaborate below on the implementation of this strategy specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

- The Guinea Current Large Marine Ecosystem which involves 18 countries, to combat fisheries depletion, physical alterations and destruction of coastal habitats and the development and adoption of a communique on the management of Transboundary Biodiversity Conservation Area (TBCAs) among the Mano River States of Guinea, Liberia and Sierra Leone shows a closer collaboration and relationship among the Mano River States in West Africa and the 18 countries along the shores of West and Central Africa in regard to the implementation of the National biodiversity Strategy and Action Plan of Sierra Leone and the CBD Objective 1.6 of the strategic plan which states that "Parties are collaborating at the strategic at the regional and sub-regional levels to implement the CBD Convention.
- Establishment of Transboundary Biodiversity Conservation Area (TBCAs) in the Mano River States of Sierra Leone, Liberia and Guinea and the Protected Area Management Programme to be implemented soon would enhance environmental sustainability and therefore contributes towards achieving the MDG No.7
- Constraints encountered in implementation include limited financial and human resources and logistics, linguistic divide and weak cooperation among sister states.

Article 6 - General measures for conservation and sustainable use

12. Has your country put in place effective national strategies, plans and programmes to provide a national framework for implementing the three objectives of the Convention? (Goal 3.1 of the Strategic Plan)

a) No	
b) No, but relevant strategies, plans and programmes are under development	
c) Yes, some strategies, plans and programmes are in place (please provide details below)	X
d) Yes, comprehensive strategies, plans and programmes are in place (please provide details below)	

Further comments on the strategies, plans and programmes for implementing the three objectives of the Convention.

- The National Biodiversity Strategy and Action Plan (NBSAP) which is the Local Agenda for implementing the three objectives of the CBD Convention have been

developed and its implementation started.

- The National Biodiversity Framework including the National Biosafety Policy and Bill has also been developed. The National Biosafety Bill will be enacted in mid year 2008.
- The National Water Policy which will provide the framework measures for sustainable use and conservation of inland wetlands is under development.

13. ♦ Has your country set measurable targets within its national strategies and action plans? (decisions II/7 and III/9)

a) No	
b) No, measurable targets are still in early stages of development	X
c) No, but measurable targets are in advanced stages of development	
d) Yes, relevant targets are in place (please provide details below)	
e) Yes, reports on implementation of relevant targets available (please provide details below)	

Further comments on targets set within national biodiversity strategies and action plans.

14. Has your country identified priority actions in its national biodiversity strategy and action plan? (decision VI/27 A)

a) No	
b) No, but priority actions are being identified	
c) Yes, priority actions identified (please provide details below)	X

Further comments on priority actions identified in the national biodiversity strategy and action plan.

The NBSAP of Sierra Leone developed in 2003 has seventeen selected themes/areas for action of implementation. Among these, well defined priority action include sustainable use of biodiversity components; Access to genetic resources and benefit sharing; indigenous knowledge and Intellectual Property right; information exchange and technical/scientific cooperation, public education and awareness raising etc.

15. Has your country integrated the conservation and sustainable use of biodiversity as well as benefit sharing into relevant sectoral or cross-sectoral plans, programmes and policies? (decision VI/27 A)

a) No	
b) Yes, in some sectors (please provide details below)	X
c) Yes, in major sectors (please provide details below)	
d) Yes, in all sectors (please provide details below)	

Further information on integration of the conservation and sustainable use of biodiversity

and benefit-sharing into relevant sectoral or cross-sectoral plans, programmes and policies.

- The National Environmental Policy and Protection Act, forestry Policy and Act made provisions for conservation and sustainable use of biological resources and benefit sharing as well as effective community participation.
- The Artisanal fisheries Development Programme (AFDEP) on sustainable fisheries and aquaculture seeks to promote sustainable utilization of the fisheries sector and form part of the National Poverty Reduction Strategy Paper (PRSP).
- The climate change programmes such as the National Adaptation Programme of Action for Climate Change in Sierra Leone in the Meteorological Department.
- The on-going UNDP programme on fuelwood and alternative sources of energy will promote conservation and sustainable use of biodiversity as well as improve livelihoods.

16. Are migratory species and their habitats addressed by your country's national biodiversity strategy or action plan (NBSAP)? (decision VI/20)

a) Yes	X
b) No	
I) If YES, please briefly describe the extent to which it addresses	
(a) Conservation, sustainable use and/or restoration of migratory species	X
(b) Conservation, sustainable use and/or restoration of migratory species' habitats, including protected areas	The Aberdeen Creek which has been declared as a Ramsar Site is being protected. The Mamunta Mayosso Sanctuary is also being protected.
(c) Minimizing or eliminating barriers or obstacles to migration	
(d) Research and monitoring for migratory species	
(e) Transboundary movement	
II) If NO, please briefly indicate below	
(a) The extent to which your country addresses migratory species at national level	
(b) Cooperation with other Range States since 2000	

Biodiversity and Climate Change

17. Has your country implemented projects aimed at mitigating and adapting to climate change that incorporate biodiversity conservation and sustainable use? (decision VII/15)	
a) No	
b) No, but some projects or programs are under development	
c) Yes, some projects have been implemented (please provide details below)	X
Further comments on the projects aimed at mitigating and adapting to climate change that incorporate biodiversity conservation and sustainable use.	
<ul style="list-style-type: none"> - The first national communication on Climate Change for Sierra Leone and the National Adaptation Plan of Action (NAPA) on climate change for Sierra Leone has been developed. - The elaboration process of the National Action Plan of Implementation (NAP) to combat desertification/land degradation is under development. 	

18. Has your country facilitated coordination to ensure that climate change mitigation and adaptation projects are in line with commitments made under the United Nations Framework Convention on Climate Change and the United Nations Convention to Combat Desertification? (decision VII/15)	
a) No	
b) No, but relevant mechanisms are under development	
c) Yes, relevant mechanisms are in place (please provide details below)	X
Further comments on the coordination to ensure that climate change mitigation and adaptation projects are in line with commitments made under the UNFCCC and the UNCCD.	
<ul style="list-style-type: none"> - A National Steering Committee on climate change with all relevant stakeholders has been established at the Meteorological Department to ensure that mitigation land adaptation projects and programmes developed are in line with the UNFCCC and UNCCD objectives. - The National Capacity Self Assessment (NCSA) project on synergy of the three Rio environmental conventions – CBD, UNCCD and UNFCCC has been completed and the final NCSA document awaits implementation to ensure the effective implementation of these three RIO environmental conventions in Sierra Leone. 	

Box XLII.

Please elaborate below on the implementation of this article and associated decisions specifically focusing on:
<ul style="list-style-type: none"> a) outcomes and impacts of actions taken; b) contribution to the achievement of the goals of the Strategic Plan of the Convention; c) contribution to progress towards the 2010 target; d) progress in implementing national biodiversity strategies and action plans; e) contribution to the achievement of the Millennium Development Goals; f) constraints encountered in implementation.
<ul style="list-style-type: none"> - Political will and commitment intensified. - Increased in community awareness and participation on climate change and biodiversity issues in terms of protected area management and use of adaptation strategies/measures for impacts on climate change. - The NBSAP implementation is now on course and will contribute to Goal 3 of the CBD strategic plan; Goal 11 of the 2010 targets and Goal 7 of the MDGs.

- All issues under reference are on-going in terms of contribution towards the CBD strategic plan 2010 targets and MDGs.

Article 7 – Identification and monitoring

19. On Article 7(a), does your country have an ongoing programme to identify components of biological diversity at the genetic, species, ecosystem level?

a) No	X
b) Yes, selected/partial programmes at the genetic, species and/or ecosystem level only (please specify and provide details below)	
c) Yes, complete programmes at ecosystem level and selected/partial inventories at the genetic and/or species level (please specify and provide details below)	
Further comments on ongoing programmes to identify components of biodiversity at the genetic, species and ecosystem level.	

20. On Article 7(b), which components of biological diversity identified in accordance with Annex I of the Convention, have ongoing, systematic monitoring programmes?

a) at ecosystem level (please provide percentage based on area covered)	20% of terrestrial biodiversity
b) at species level (please provide number of species per taxonomic group and percentage of total known number of species in each group)	Incomplete data
c) at genetic level (please indicate number and focus of monitoring programmes)	Incomplete data
Further comments on ongoing monitoring programmes at the genetic, species and ecosystem level.	

21. On Article 7(c), does your country have ongoing, systematic monitoring programmes on any of the following key threats to biodiversity?

a) No	
b) Yes, invasive alien species (please provide details below)	X
c) Yes, climate change (please provide details below)	X
d) Yes, pollution/eutrophication (please provide details below)	X
e) Yes, land use change/land degradation (please provide details below)	X
f) Yes, overexploitation or unsustainable use (please provide details below)	X
Further comments on monitoring programmes on key threats to biodiversity.	
<ul style="list-style-type: none"> - Forestry Licences controlled. - Meteorological Department monitors annual rainfall. - Ozone Unit established under the Environment Department for monitoring CFCs and advising on phase-out period. 	

- On going Artisanal Fisheries Development Programme (AFDEP) discourages the use of inappropriate fishing nets and gears and the Sierra Leone Navy and fisheries Development jointly patrols the terrestrial waters of Sierra Leone to monitor the activities of foreign fishing vessels in a bid to minimize unsustainable fishing practices.

22. On Article 7 (d), does your country have a mechanism to maintain and organize data derived from inventories and monitoring programmes and coordinate information collection and management at the national level?

a) No	
b) No, but some mechanisms or systems are being considered	
c) Yes, some mechanisms or systems are being established	X
d) Yes, some mechanisms or systems are in place (please provide details below)	
e) Yes, a relatively complete system is in place (please provide details below)	

Further information on the coordination of data and information collection and management.

- The Rokuprr Rice Research Station and the National Institute of Agriculture Research (IAR) keeps research data on agricultural crops in a databank at the level of the institutions.
- The Crop Division provides information on the status of farming households and the extent and status of farming in the country.

23. Does your country use indicators for national-level monitoring of biodiversity? (decision III/10)

a) No	X
b) No, but identification of potential indicators is under way (please describe)	
c) Yes, some indicators identified and in use (please describe and, if available, provide website address, where data are summarized and presented)	
d) Yes, a relatively complete set of indicators identified and in use (please describe and, if available, provide website address, where data are summarized and presented)	

Further comments on the indicators identified and in use.

Efforts are underway to develop indicators for agriculture and biodiversity monitoring.

Box XLIII.

Please elaborate below on the implementation of this article and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

Identification of indicators for national-level monitoring of biodiversity is still in progress and monitoring is still not practiced wisely in Sierra Leone due to limited financial and human resources.

Decisions on Taxonomy

24. Has your country developed a plan to implement the suggested actions as annexed to decision IV/1? (decision IV/1)

a) No	X
b) No, but a plan is under development	
c) Yes, a plan is in place (please provide details below)	
d) Yes, reports on implementation available (please provide details below)	

Further information on a plan to implement the suggested actions as annexed to decision IV/1.

25. Is your country investing on a long-term basis in the development of appropriate infrastructure for your national taxonomic collections? (decision IV/1)

a) No	X
b) Yes (please provide details below)	

Further information on investment on a long-term basis in the development of appropriate infrastructure for your national taxonomic collections.

26. Does your country provide training programmes in taxonomy and work to increase its capacity of taxonomic research? (decision IV/1)

a) No	X
b) Yes (please provide details below)	

Further information on training programmes in taxonomy and efforts to increase the capacity of taxonomic research.

Universities and research institutes are providing opportunities for training in an effort to increase capacity of taxonomic research. However these efforts are hampered by infrastructural, human and financial limitations.

27.♦ Has your country taken steps to ensure that institutions responsible for biological diversity inventories and taxonomic activities are financially and administratively stable? (decision IV/1)	
a) No	X
b) No, but steps are being considered	
c) Yes, for some institutions	
d) Yes, for all major institutions	

28.*² Is your country collaborating with the existing regional, subregional and global initiatives, partnerships and institutions in carrying out the programme of work, including assessing regional taxonomic needs and identifying regional-level priorities? (decision VI/8)	
a) No	X
b) No, but collaborative programmes are under development	
c) Yes, some collaborative programmes are being implemented (please provide details about collaborative programmes, including results of regional needs assessments)	
d) Yes, comprehensive collaborative programmes are being implemented (please provide details about collaborative programmes, including results of regional needs assessment and priority identification)	
Further information on the collaboration your country is carrying out to implement the programme of work for the GTI, including regional needs assessment and priority identification.	

29. * Has your country made an assessment of taxonomic needs and capacities at the national level for the implementation of the Convention? (annex to decision VI/8)	
a) No	X
b) Yes, basic assessment made (please provide below a list of needs and capacities identified)	
c) Yes, thorough assessment made (please provide below a list of needs and capacities identified)	
Further comments on national assessment of taxonomic needs and capacities.	

² The questions marked with * in this section on Taxonomy are similar to some questions contained in the format for a report on the implementation of the programme of work on the Global Taxonomy Initiative. Those countries that have submitted such a report do not need to answer these questions unless they have updated information to provide.

30.* Is your country working on regional or global capacity building to support access to, and generation of, taxonomic information in collaboration with other Parties? (annex to decision VI/8)	
a) No	X
b) Yes, relevant programmes are under development	
c) Yes, some activities are being undertaken for this purpose (please provide details below)	
d) Yes, many activities are being undertaken for this purpose (please provide details below)	
Further comments on regional or global capacity-building to support access to, and generation of, taxonomic information in collaboration with other Parties.	

31.* Has your country developed taxonomic support for the implementation of the programmes of work under the Convention as called upon in decision VI/8? (annex to decision VI/8)	
a) No	X
b) Yes, for forest biodiversity (please provide details below)	
c) Yes, for marine and coastal biodiversity (please provide details below)	
d) Yes, for dry and sub-humid lands (please provide details below)	
e) Yes, for inland waters biodiversity (please provide details below)	
f) Yes, for mountain biodiversity (please provide details below)	
g) Yes, for protected areas (please provide details below)	
h) Yes, for agricultural biodiversity (please provide details below)	
i) Yes, for island biodiversity (please provide details below)	
Further comments on the development of taxonomic support for the implementation of the programmes of work under the Convention.	

32.* Has your country developed taxonomic support for the implementation of the cross-cutting issues under the Convention as called upon in decision VI/8?	
a) No	X
b) Yes, for access and benefit-sharing (please provide details below)	
c) Yes, for Article 8(j) (please provide details below)	
d) Yes, for the ecosystem approach (please provide details below)	
e) Yes, for impact assessment, monitoring and indicators (please provide details below)	

f) Yes, for invasive alien species (please provide details below)	
g) Yes, for others (please provide details below)	
Further comments on the development of taxonomic support for the implementation of the cross-cutting issues under the Convention.	

**Article 8 - *In-situ* conservation
[excluding paragraphs (a) to (e), (h) and (j)]**

33. ♦ On Article 8(i), has your country endeavored to provide the conditions needed for compatibility between present uses and the conservation of biological diversity and sustainable use of its components?	
a) No	
b) No, but potential measures are being identified	
c) Yes, some measures undertaken (please provide details below)	X
d) Yes, comprehensive measures undertaken (please provide details below)	
Further comments on the measures taken to provide the conditions needed for compatibility between present uses and the conservation of biological diversity and sustainable use of its components.	
<ul style="list-style-type: none"> - The National Biodiversity Strategy and Action Plan (NBSAP) which sets out the overall objectives and strategic actions for the promotion of conservation and sustainable use of biodiversity in the country. - The Guinea Current Large Marine Ecosystem (GCLME) programme which aimed at combating fisheries depletion, physical alterations and destruction of coastal habitats along the shores of West and Central Africa. 	

34. ♦ On Article 8(k), has your country developed or maintained the necessary legislation and/or other regulatory provisions for the protection of threatened species and populations?	
a) No	
b) No, but legislation is being developed	
c) Yes, legislation or other measures are in place (please provide details below)	X
Further information on the legislation and/or regulations for the protection of threatened species and populations.	
<ul style="list-style-type: none"> - Wildlife Act - Fisheries Management Act - Forestry regulation 1988 and Revised Forestry Policy 	

35. ♦ On Article 8(l), does your country regulate or manage processes and categories of activities identified under Article 7 as having significant adverse effects on biological diversity?

a) No	
b) No, but relevant processes and categories of activities being identified	
c) Yes, to a limited extent (please provide details below)	X
d) Yes, to a significant extent (please provide details below)	
Further comments on the regulation or management of the processes and categories of activities identified by Article 7 as having significant adverse effects on biodiversity.	
<ul style="list-style-type: none"> - Prohibited use of inappropriate fishing nets and gears, prohibited international trade in endangered species of wildlife - Restriction of the issuance of EIA licences to activities which greatly impact on biodiversity and modify the environment. 	

Box XLIV.

<p>Please elaborate below on the implementation of this article and associated decisions specifically focusing on:</p> <ul style="list-style-type: none"> a) outcomes and impacts of actions taken; b) contribution to the achievement of the goals of the Strategic Plan of the Convention; c) contribution to progress towards the 2010 target; d) progress in implementing national biodiversity strategies and action plans; e) contribution to the achievement of the Millennium Development Goals; f) constraints encountered in implementation
<p>The Tacugama Chimpanzee Sanctuary in the Western Area Peninsula forest is a dear initiative with satisfactory result to recover endangered animal species</p>

Programme of Work on Protected Areas (Article 8 (a) to (e))

36. Has your country established suitable time bound and measurable national-level protected areas targets and indicators? (decision VII/28)	
a) No (please specify reasons)	
b) No, but relevant work is under way	X
c) Yes, some targets and indicators established (please provide details below)	
d) Yes, comprehensive targets and indicators established (please provide details below)	
Further comments on targets and indicators for protected areas.	

37. Has your country taken action to establish or expand protected areas in any large or relatively unfragmented natural area or areas under high threat, including securing threatened species? (decision VII/28)	
a) No	

b) No, but relevant programmes are under development	
c) Yes, limited actions taken (please provide details below)	X
d) Yes, significant actions taken (please provide details below)	
Further comments on actions taken to establish or expand protected areas.	
<ul style="list-style-type: none"> - Gola Forest Concession and conservation Programme - The Tiwai Island Sanctuary Programme - Plans are underway for the implementation of the World Bank project on seven protected areas in the country. 	

38. Has your country taken any action to address the under representation of marine and inland water ecosystems in the existing national or regional systems of protected areas? (decision VII/28)	
a) No	X
b) Not applicable	
c) No, but relevant actions are being considered	
d) Yes, limited actions taken (please provide details below)	
e) Yes, significant actions taken (please provide details below)	
Further comments on actions taken to address the under representation of marine and inland water ecosystems in the existing national or regional systems of protected areas.	

39. Has your country identified and implemented practical steps for improving the integration of protected areas into broader land and seascapes, including policy, planning and other measures? (decision VII/28)	
a) No	
b) No, but some programmes are under development	
c) Yes, some steps identified and implemented (please provide details below)	x
d) Yes, many steps identified and implemented (please provide details below)	
Further comments on practical steps for improving integration of protected areas into broader land and seascapes, including policy, planning and other measures.	
Existence of the Aberdeen Creek as a Ramsar site provided an initiative for management of protected areas.	

40. Is your country applying environmental impact assessment guidelines to projects or plans for evaluating effects on protected areas? (decision VII/28)	
a) No	
b) No, but relevant EIA guidelines are under development	
c) Yes, EIA guidelines are applied to some projects or plans (please provide details below)	
d) Yes, EIA guidelines are applied to all relevant projects or plans (please provide details below)	X
Further comments on application of environmental impact assessment guidelines to projects or plans for evaluating effects on protected areas.	
EIA is mandatory for all projects in ecological sensitive areas. There are EIA procedures and guidelines for evaluating impacts on protected areas in particular and biodiversity in general.	

41. Has your country identified legislative and institutional gaps and barriers that impede effective establishment and management of protected areas? (decision VII/28)	
a) No	
b) No, but relevant work is under way	
c) Yes, some gaps and barriers identified (please provide details below)	X
d) Yes, many gaps and barriers identified (please provide details below)	
Further comments on identification of legislative and institutional gaps and barriers that impede effective establishment and management of protected areas.	
<ul style="list-style-type: none"> - Compensation issues - The National Forestry Policy and Regulations have identified gaps that are obstacles to the establishment and management of PAs and the National Capacity Needs Assessments also identified capacity gaps that hinder the management of Pas. 	

42. Has your country undertaken national protected-area capacity needs assessments and established capacity building programmes? (decision VII/28)	
a) No	
b) No, but assessments are under way	
c) Yes, a basic assessment undertaken and some programmes established (please provide details below)	X
d) Yes, a thorough assessment undertaken and comprehensive programmes established (please provide details below)	
Further comments on protected-area capacity needs assessment and establishment of capacity building programmes.	
The Capacity Needs Assessment for the three Rio conventions of the CBD, UNFCCC and UNCCD and the World Bank Protected Areas Management Project which is underway for implementation.	

43. Is your country implementing country-level sustainable financing plans that support national systems of protected areas? (decision VII/28)	
a) No	
b) No, but relevant plan is under development	X
c) Yes, relevant plan is in place (please provide details below)	
d) Yes, relevant plan is being implemented (please provide details below)	
Further comments on implementation of country-level sustainable financing plans that support national systems of protected areas.	
Contribution of Government of Sierra Leone through the annual budget and a percentage of the revenue generated by Pas submitted to the authority managing Pas.	

44. Is your country implementing appropriate methods, standards, criteria and indicators for evaluating the effectiveness of protected areas management and governance? (decision VII/28)	
a) No	X
b) No, but relevant methods, standards, criteria and indicators are under development	
c) Yes, some national methods, standards, criteria and indicators developed and in use (please provide details below)	
d) Yes, some national methods, standards, criteria and indicators developed and in use and some international methods, standards, criteria and indicators in use (please provide details below)	
Further comments on methods, standards, criteria and indicators for evaluating the effectiveness of protected areas management and governance.	

Box XLV.

<p>Please elaborate below on the implementation of this article and associated decisions specifically focusing on:</p> <ul style="list-style-type: none"> a) outcomes and impacts of actions taken; b) contribution to the achievement of the goals of the Strategic Plan of the Convention; c) contribution to progress towards the 2010 target; d) progress in implementing national biodiversity strategies and action plans; e) contribution to the achievement of the Millennium Development Goals; f) constraints encountered in implementation.

Article 8(h) - Alien species

45. Has your country identified alien species introduced into its territory and established a system for tracking the introduction of alien species?	
a) No	
b) Yes, some alien species identified but a tracking system not yet established	X
c) Yes, some alien species identified and tracking system in place	
d) Yes, alien species of major concern identified and tracking system in place	

46. <input checked="" type="checkbox"/> Has your country assessed the risks posed to ecosystems, habitats or species by the introduction of these alien species?	
a) No	X
b) Yes, but only for some alien species of concern (please provide details below)	
c) Yes, for most alien species (please provide details below)	
Further information on the assessment of the risks posed to ecosystems, habitats or species by the introduction of these alien species.	

47. <input checked="" type="checkbox"/> Has your country undertaken measures to prevent the introduction of, control or eradicate, those alien species which threaten ecosystems, habitats or species?	
a) No	
b) No, but potential measures are under consideration	X
c) Yes, some measures are in place (please provide details below)	
d) Yes, comprehensive measures are in place (please provide details below)	
Further information on the measures to prevent the introduction of, control or eradicate those alien species that threaten ecosystems, habitats or species.	

48. <input checked="" type="checkbox"/> In dealing with the issue of invasive species, has your country developed, or involved itself in, mechanisms for international cooperation, including the exchange of best practices? (decision V/8)	
a) No	X
b) Yes, bilateral cooperation	
c) Yes, regional and/or subregional cooperation	
d) Yes, multilateral cooperation	

49. ♦ Is your country using the ecosystem approach and precautionary and biogeographical approaches as appropriate in its work on alien invasive species? (decision V/8)	
a) No	
b) Yes (please provide details below)	X
Further comments on the use of the ecosystem approach and precautionary and biogeographical approaches in work on alien invasive species.	

50. Has your country identified national needs and priorities for the implementation of the Guiding Principles? (decision VI/23)	
a) No	
b) No, but needs and priorities are being identified	X
c) Yes, national needs and priorities have been identified (please provide below a list of needs and priorities identified)	
Further comments on the identification of national needs and priorities for the implementation of the Guiding Principles.	
Through the alien invasive species project of the Commonwealth Agricultural Bureau international (CABI) with six African countries including Ghana, the needs and priorities for Ghana have been identified.	

51. Has your country created mechanisms to coordinate national programmes for applying the Guiding Principles? (decision VI/23)	
a) No	
b) No, but mechanisms are under development	X
c) Yes, mechanisms are in place (please provide details below)	
Further comments on the mechanisms created to coordinate national programmes for implementing the Guiding Principles.	

52. Has your country reviewed relevant policies, legislation and institutions in the light of the Guiding Principles, and adjusted or developed policies, legislation and institutions? (decision VI/23)	
a) No	
b) No, but review under way	
c) Yes, review completed and adjustment proposed (please provide details below)	X
d) Yes, adjustment and development ongoing	
e) Yes, some adjustments and development completed (please provide details below)	
Further information on the review, adjustment or development of policies, legislation and	

institutions in light of the Guiding Principles.

53. Is your country enhancing cooperation between various sectors in order to improve prevention, early detection, eradication and/or control of invasive alien species? (decision VI/23)

a) No	
b) No, but potential coordination mechanisms are under consideration	X
c) Yes, mechanisms are in place (please provide details below)	

Further comments on cooperation between various sectors.

54. Is your country collaborating with trading partners and neighboring countries to address threats of invasive alien species to biodiversity in ecosystems that cross international boundaries? (decision VI/23)

a) No	
b) Yes, relevant collaborative programmes are under development	X
c) Yes, relevant programmes are in place (please specify below the measures taken for this purpose)	

Further comments on collaboration with trading partners and neighboring countries.

55. Is your country developing capacity to use risk assessment to address threats of invasive alien species to biodiversity and incorporate such methodologies in environmental impact assessment (EIA) and strategic environmental assessment (SEA)? (decision VI/23)

a) No	
b) No, but programmes for this purpose are under development	X
c) Yes, some activities for developing capacity in this field are being undertaken (please provide details below)	
d) Yes, comprehensive activities are being undertaken (please provide details below)	

Further information on capacity development to address threats of invasive alien species.

56. Has your country developed financial measures and other policies and tools to promote activities to reduce the threats of invasive species? (decision VI/23)

a) No	
b) No, but relevant measures and policies are under development	X
c) Yes, some measures, policies and tools are in place (please provide details below)	
d) Yes, comprehensive measures and tools are in place (please provide details below)	

Further comments on the development of financial measures and other policies and tools for the promotion of activities to reduce the threats of invasive species.

Box XLVI.

Please elaborate below on the implementation of this article and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

Article 8(j) - Traditional knowledge and related provisions

GURTS

57. Has your country created and developed capacity-building programmes to involve and enable smallholder farmers, indigenous and local communities, and other relevant stakeholders to effectively participate in decision-making processes related to genetic use restriction technologies?

a) No	X
b) No, but some programmes are under development	
c) Yes, some programmes are in place (please provide details below)	
d) Yes, comprehensive programmes are in place (please provide details below)	

Further comments on capacity-building programmes to involve and enable smallholder farmers, indigenous and local communities and other relevant stakeholders to effectively participate in decision-making processes related to GURTS.

Although Sierra Leone has not developed capacity building programmes specifically related to GURTS, the Sierra Leone Farmers Association is the official link between Government and farmers on matters relating to Agriculture while the National Association of Traditional Medicine Practitioners is the official link between government and practitioners of traditional medicine.

Status and Trends

58. Has your country supported indigenous and local communities in undertaking field studies to determine the status, trends and threats related to the knowledge, innovations and practices of indigenous and local communities? (decision VII/16)

a) No	X
b) No, but support to relevant studies is being considered	
c) Yes (please provide information on the studies undertaken)	

Further information on the studies undertaken to determine the status, trends and threats related to the knowledge, innovations and practices of indigenous and local communities, and priority actions identified.

Akwé:Kon Guidelines

59. Has your country initiated a legal and institutional review of matters related to cultural, environmental and social impact assessment, with a view to incorporating the Akwé:Kon Guidelines into national legislation, policies, and procedures?	
a) No	X
b) No, but review is under way	
c) Yes, a review undertaken (please provide details on the review)	
Further information on the review.	
However, EIA procedures and guidelines make provision for socio-economic, environmental and cultural impact assessments of development projects as stipulated in the National Environment Protection Act, 2000.	

60. Has your country used the Akwé:Kon Guidelines in any project proposed to take place on sacred sites and/or land and waters traditionally occupied by indigenous and local communities? (decision VII/16)	
a) No	X
b) No, but a review of the Akwé: Kon guidelines is under way	
c) Yes, to some extent (please provide details below)	
d) Yes, to a significant extent (please provide details below)	
Further information on the projects where the Akwé:Kon Guidelines are applied.	

Capacity Building and Participation of Indigenous and Local Communities

61. Has your country undertaken any measures to enhance and strengthen the capacity of indigenous and local communities to be effectively involved in decision-making related to the use of their traditional knowledge, innovations and practices relevant to the conservation and sustainable use of biodiversity? (decision V/16)	
a) No	
b) No, but some programmes being developed	
c) Yes, some measures taken (please provide details below)	X
d) Yes, comprehensive measures taken (please provide details below)	
Further information on the measures to enhance and strengthen the capacity of indigenous and local communities.	
<ul style="list-style-type: none"> - Representatives of indigenous and local communities were actively involved in the development of the National biodiversity Strategy and Action Plan for Sierra Leone. - Indigenous and local communities are also involved in the management of protected areas e.g. The Gola Forest and Tiwai Island. 	

62. Has your country developed appropriate mechanisms, guidelines, legislation or other initiatives to foster and promote the effective participation of indigenous and local communities in decision making, policy planning and development and implementation of the conservation and sustainable use of biodiversity at international, regional, subregional, national and local levels? (decision V/16)

a) No	
b) No, but relevant mechanisms, guidelines and legislation are under development	X
c) Yes, some mechanisms, guidelines and legislation are in place (please provide details below)	

Further information on the mechanisms, guidelines and legislation developed.

Although there are no specific guidelines, and legislation, local people are actively involved in decision-making, policy planning and development and implementation of the CBD objectives e.g. The Gola Forest Concession Programme in the Eastern part of Sierra Leone is collaborating with International NGOs through MOUs and other agreements to promote the participation of local communities in decision making through training and skills development for their effective participation.

63. Has your country developed mechanisms for promoting the full and effective participation of indigenous and local communities with specific provisions for the full, active and effective participation of women in all elements of the programme of work? (decision V/16, annex)

a) No	
b) No, but relevant mechanisms are being developed	
c) Yes, mechanisms are in place (please provide details below)	X

Further comments on the mechanisms for promoting the full and effective participation of women of indigenous and local communities in all elements of the programme of work.

Even though national-scale mechanisms have not been developed, initiatives are implemented to increase participation of women in the decision-making process of programme of work. For example, the Artisanal Fisheries Development Project trained women in sustainable techniques of fishing, smoking, drying, processing and marketing. There are also several women groups actively involved in gara tie-dyeing and soap making to build the self-management capacity of women and youths in their local communities

Support to implementation

64. Has your country established national, subregional and/or regional indigenous and local community biodiversity advisory committees?

a) No	X
b) No, but relevant work is under way	
c) Yes	

65. Has your country assisted indigenous and local community organizations to hold regional meetings to discuss the outcomes of the decisions of the Conference of the Parties and to prepare for meetings under the Convention?


a) No	X
b) Yes (please provide details about the outcome of meetings)	
Further information on the outcome of regional meetings.	

66. Has your country supported, financially and otherwise, indigenous and local communities in formulating their own community development and biodiversity conservation plans that will enable such communities to adopt a culturally appropriate strategic, integrated and phased approach to their development needs in line with community goals and objectives?	
a) No	X
b) Yes, to some extent (please provide details below)	
c) Yes, to a significant extent (please provide details below)	
Further information on the support provided.	

Box XLVII.

Please elaborate below on the implementation of this article and associated decisions specifically focusing on:	
<ul style="list-style-type: none"> a) outcomes and impacts of actions taken; b) contribution to the achievement of the goals of the Strategic Plan of the Convention; c) contribution to progress towards the 2010 target; d) progress in implementing national biodiversity strategies and action plans; e) contribution to the achievement of the Millennium Development Goals; f) constraints encountered in implementation. 	
There are few programmes/projects implemented by NGOs related to poverty reduction, capacity building and biodiversity conservation.	

Article 9 - *Ex-situ* conservation

67.  On Article 9(a) and (b), has your country adopted measures for the <i>ex-situ</i> conservation of components of biological diversity native to your country and originating outside your country?	
a) No	X
b) No, but potential measures are under review	
c) Yes, some measures are in place (please provide details below)	
d) Yes, comprehensive measures are in place (please provide details below)	
Further information on the measures adopted for the <i>ex-situ</i> conservation of components of biodiversity native to your country and originating outside your country.	

However, there is a Botanic Garden at Fourah Bay College, Tacugama Chimpanzee Sanctuary at Regent (Western Area Peninsula Forests).

68. ♦ On Article 9(c), has your country adopted measures for the reintroduction of threatened species into their natural habitats under appropriate conditions?

a) No	X
b) No, but potential measures are under review	
c) Yes, some measures are in place (please provide details below)	
d) Yes, comprehensive measures are in place (please provide details below)	

Further comments on the measures for the reintroduction of threatened species into their natural habitats under appropriate conditions.

69. ♦ On Article 9(d), has your country taken measures to regulate and manage the collection of biological resources from natural habitats for *ex-situ* conservation purposes so as not to threaten ecosystems and *in-situ* populations of species?

a) No	X
b) No, but potential measures are under review	
c) Yes, some measures are in place (please provide details below)	
d) Yes, comprehensive measures are in place (please provide details below)	

Further information on the measures to regulate and manage the collection of biological resources from natural habitats for *ex-situ* conservation purposes so as not to threaten ecosystems and *in-situ* populations of species.

- However, the Forestry Regulations of 1990, Wildlife Conservation Act and to some extent the CITES regulations are enforced.
- Plant genetic materials are also obtained from farmers and established gene banks in the Institute of Agricultural Research and the Rokuprr Rice Research Station.

Box XLVIII.

Please elaborate below on the implementation of this article and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

Although not fully developed and threatened by deforestation, the botanical Garden at Fourah College and Tacugama Chimpanzee Sanctuary at Regent contribute to *ex-situ* conservation in Sierra Leone and reflects the CBD objectives.

Article 10 - Sustainable use of components of biological diversity

70. ◊ On Article 10(a), has your country integrated consideration of the conservation and sustainable use of biological resources into national decision-making?	
a) No	
b) No, but steps are being taken	
c) Yes, in some relevant sectors (please provide details below)	X
d) Yes, in most relevant sectors (please provide details below)	
Further information on integrating consideration of conservation and sustainable use of biological resources into national decision-making.	
<ul style="list-style-type: none"> - Forest and Wildlife Sectors of the Ministry of Agriculture, Forestry and Food Security. - The NBSAP, the Fisheries Sector Policy and Management Act make provisions for the conservation and sustainable use of biological resources. - The Poverty Reduction Strategy Paper also advocates the promotion of biodiversity conservation and sustainable use in the country's efforts to alleviate poverty. 	

71. ◊ On Article 10(b), has your country adopted measures relating to the use of biological resources that avoid or minimize adverse impacts on biological diversity?	
a) No	
b) No, but potential measures are under review	
c) Yes, some measures are in place (please provide details below)	X
d) Yes, comprehensive measures are in place (please provide details below)	
Further information on the measures adopted relating to the use of biological resources that avoid or minimize adverse impacts on biological diversity.	
<ul style="list-style-type: none"> - Review of timber licences for logging to add value to timber logs prior to export in order to reduce the frequency of tree felling in the protected areas and forest reserves in the country - The Fisheries and Marine Sector in collaboration with the Sierra Leone Navy monitors to some extent the operations of national and foreign fishing vessels to ensure sustainable fishing activities and minimize over fishing and juvenile fish catch within the territorial waters/fishing zones of the country. - National and International NGOs involved in reforestation programmes and deforestation prevention to reduce biodiversity loss. 	

72. On Article 10(c), has your country put in place measures that protect and encourage customary use of biological resources that is compatible with conservation or sustainable use requirements?

a) No	
b) No, but potential measures are under review	X
c) Yes, some measures are in place (please provide details below)	
d) Yes, comprehensive measures are in place (please provide details below)	

Further information on the measures that protect and encourage customary use of biological resources that is compatible with conservation or sustainable use requirements.

- The Ministry of Health and Sanitation has allowed the establishment and functioning of a National Association of Traditional Medicine Practitioners which assist in protection biodiversity, improves health and food security.
- District and Town Councils are collaborating with traditional authorities to develop and enforce bye-laws to ensure sustainable use of biological resources.

73. On Article 10(d), has your country put in place measures that help local populations develop and implement remedial action in degraded areas where biological diversity has been reduced?

a) No	
b) No, but potential measures are under review	
c) Yes, some measures are in place (please provide details below)	X
d) Yes, comprehensive measures are in place (please provide details below)	

Further information on the measures that help local populations develop and implement remedial action in degraded areas where biodiversity has been reduced.

Community afforestation programmes in protected areas are encouraged by the Forestry Policy and Regulations as well as the Wildlife Conservation Act. These sectoral policies and laws also encouraged the establishment of private reserves.

74. Has your country identified indicators and incentive measures for sectors relevant to the conservation and sustainable use of biodiversity? (decision V/24)

a) No	X
b) No, but assessment of potential indicators and incentive measures is under way	
c) Yes, indicators and incentive measures identified (please describe below)	

Further comments on the identification of indicators and incentive measures for sectors relevant to the conservation and sustainable use of biodiversity.

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75. ♦ Has your country implemented sustainable use practices, programmes and policies for the sustainable use of biological diversity, especially in pursuit of poverty alleviation? (decision V/24)

a) No	
b) No, but potential practices, programmes and policies are under review	
c) Yes, some policies and programmes are in place (please provide details below)	X
d) Yes, comprehensive policies and programmes are in place (please provide details below)	

Further information on sustainable use programmes and policies.

The Artisanal Fisheries Development Project is actively involved in aquaculture to reduce the pressure on forest resources and provide alternative livelihood.

76. ♦ Has your country developed or explored mechanisms to involve the private sector in initiatives on the sustainable use of biodiversity? (decision V/24)

a) No	X
b) No, but mechanisms are under development	
c) Yes, mechanisms are in place (please describe below)	

Further comments on the development of mechanisms to involve the private sector in initiatives on the sustainable use of biodiversity.

77. Has your country initiated a process to apply the Addis Ababa Principles and Guidelines for the Sustainable Use of Biodiversity? (decision VII/12)

a) No	X
b) No, but the principles and guidelines are under review	
c) Yes, a process is being planned	
d) Yes, a process has been initiated (please provide detailed information)	

Further information on the process to apply the Addis Ababa Principles and Guidelines for the Sustainable Use of Biodiversity.

78. Has your country taken any initiative or action to develop and transfer technologies and provide financial resources to assist in the application of the Addis Ababa Principles and Guidelines for the Sustainable Use of Biodiversity? (decision VII/12)	
a) No	X
b) No, but relevant programmes are under development	
c) Yes, some technologies developed and transferred and limited financial resources provided (please provide details below)	
d) Yes, many technologies developed and transferred and significant financial resources provided (please provide details below)	
Further comments on the development and transfer of technologies and provision of financial resources to assist in the application of the Addis Ababa Principles and Guidelines for the Sustainable Use of Biodiversity.	

Biodiversity and Tourism

79. <input checked="" type="checkbox"/> Has your country established mechanisms to assess, monitor and measure the impact of tourism on biodiversity?	
a) No	
b) No, but mechanisms are under development	X
c) Yes, mechanisms are in place (please specify below)	
d) Yes, existing mechanisms are under review	
Further comments on the establishment of mechanisms to assess, monitor and measure the impact of tourism on biodiversity.	
<ul style="list-style-type: none"> - Tourism Management plan has been developed and awaiting implementation. - Baseline data on coastal tourism is being collected. 	

80. <input checked="" type="checkbox"/> Has your country provided educational and training programmes to the tourism operators so as to increase their awareness of the impacts of tourism on biodiversity and upgrade the technical capacity at the local level to minimize the impacts? (decision V/25)	
a) No	X
b) No, but programmes are under development	
c) Yes, programmes are in place (please describe below)	
Further comments on educational and training programmes provided to tourism operators.	

81. Does your country provide indigenous and local communities with capacity-building and financial resources to support their participation in tourism policy-making, development planning, product development and management? (decision VII/14)	
a) No	X
b) No, but relevant programmes are being considered	
c) Yes, some programmes are in place (please provide details below)	
d) Yes, comprehensive programmes are in place (please provide details below)	
Further comments in the capacity-building and financial resources provided to indigenous and local communities to support their participation in tourism policy-making, development planning, product development and management.	

82. Has your country integrated the Guidelines on Biodiversity and Tourism Development in the development or review of national strategies and plans for tourism development, national biodiversity strategies and actions plans, and other related sectoral strategies? (decision VII/14)	
a) No, but the guidelines are under review	
b) No, but a plan is under consideration to integrate some principles of the guidelines into relevant strategies	
c) Yes, a few principles of the guidelines are integrated into some sectoral plans and NBSAPs (please specify which principle and sector)	X
d) Yes, many principles of the guidelines are integrated into some sectoral plans and NBSAPs (please specify which principle and sector)	
Further information on the sectors where the principles of the Guidelines on Biodiversity and Tourism Development are integrated.	
The NBSAP and tourism Management Plan advocates the use of instruments that ensure biodiversity conservation and sustainable use.	

Box XLIX.

<p>Please elaborate below on the implementation of this article and associated decisions specifically focusing on:</p> <ul style="list-style-type: none"> a) outcomes and impacts of actions taken; b) contribution to the achievement of the goals of the Strategic Plan of the Convention; c) contribution to progress towards the 2010 target; d) progress in implementing national biodiversity strategies and action plans; e) contribution to the achievement of the Millennium Development Goals; f) constraints encountered in implementation.

Article 11 - Incentive measures

83. ♦ Has your country established programmes to identify and adopt economically and socially sound measures that act as incentives for the conservation and sustainable use of components of biological diversity?	
a) No	
b) No, but relevant programmes are under development	
c) Yes, some programmes are in place (please provide details below)	X
d) Yes, comprehensive programmes are in place (please provide details below)	
Further comments on the programmes to identify and adopt incentives for the conservation and sustainable use of biodiversity.	
<ul style="list-style-type: none"> - Sustainable livelihood fisheries and community forestry programme of the Artisanal Fisheries Development Project - The project is being implemented by the fisheries and Marine Development in collaboration with the Department of Forestry, Environment and Sierra Leone Navy to ensure sustainable biodiversity management practices by fisher folks. 	

84. ♦ Has your country developed the mechanisms or approaches to ensure adequate incorporation of both market and non-market values of biological diversity into relevant plans, policies and programmes and other relevant areas? (decisions III/18 and IV/10)	
a) No	X
b) No, but relevant mechanisms are under development	
c) Yes, mechanisms are in place (please provide details below)	
d) Yes, review of impact of mechanisms available (please provide details below)	
Further comments on the mechanism or approaches to incorporate market and non-market values of biodiversity into relevant plans, policies and programmes.	

85. ♦ Has your country developed training and capacity-building programmes to implement incentive measures and promote private-sector initiatives? (decision III/18)	
a) No	X
b) No, but relevant programmes are under development	
c) Yes, some programmes are in place	
d) Yes, many programmes are in place	

86. Does your country take into consideration the proposals for the design and implementation of incentive measures as contained in Annex I to decision VI/15 when designing and implementing incentive measures for the conservation and sustainable use of biodiversity? (decision VI/15)	
a) No	X
b) Yes (please provide details below)	

Further information on the proposals considered when designing and implementing the incentive measures for the conservation and sustainable use of biodiversity.

87. Has your country made any progress in removing or mitigating policies or practices that generate perverse incentives for the conservation and sustainable use of biological diversity? (decision VII/18)

a) No	X
b) No, but identification of such policies and practices is under way	
c) Yes, relevant policies and practices identified but not entirely removed or mitigated (please provide details below)	
d) Yes, relevant policies and practices identified and removed or mitigated (please provide details below)	

Further information on perverse incentives identified and/or removed or mitigated.

Box L.

Please elaborate below on the implementation of this article and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

Article 12 - Research and training

88. On Article 12(a), has your country established programmes for scientific and technical education and training in measures for the identification, conservation and sustainable use of biological diversity and its components?

a) No	
b) No, but programmes are under development	
c) Yes, programmes are in place (please provide details below)	X

Further information on the programmes for scientific and technical education and training in the measures for identification, conservation and sustainable use of biodiversity.

Universities, research institutes and other government agencies are now involved in research and training in biodiversity conservation and sustainable use programmes e.g. The Njala University offers certificate and degree programmes on Agriculture, biological Sciences, Environmental Sciences and Biodiversity courses. Departments of Zoology and Botany at Fourah Bay College also offer similar courses at the Fourah Bay College.

89. ♦ On Article 12(b), does your country promote and encourage research which contributes to the conservation and sustainable use of biological diversity?	
a) No	
b) Yes (please provide details below)	X
Further information on the research which contributes to the conservation and sustainable use of biodiversity.	
<ul style="list-style-type: none"> - Research Institutes, universities and other government agencies are involved in this area. - Established training relationships with developed and developing countries e.g. South Africa, Cyprus, which provides opportunities for overseas training in these areas. 	

90. ♦ On Article 12(c), does your country promote and cooperate in the use of scientific advances in biological diversity research in developing methods for conservation and sustainable use of biological resources?	
a) No	
b) Yes (please provide details below)	X
Further information on the use of scientific advances in biodiversity research in developing methods for conservation and sustainable use of biodiversity.	
Lack of capacity of the institutions involved in scientific research and training in these areas limits scientific advances.	

Box LI.

Please elaborate below on the implementation of this article specifically focusing on:	
<ul style="list-style-type: none"> a) outcomes and impacts of actions taken; b) contribution to the achievement of the goals of the Strategic Plan of the Convention; c) contribution to progress towards the 2010 target; d) progress in implementing national biodiversity strategies and action plans; e) contribution to the achievement of the Millennium Development Goals; f) constraints encountered in implementation. 	

Article 13 - Public education and awareness

91. Is your country implementing a communication, education and public awareness strategy and promoting public participation in support of the Convention? (Goal 4.1 of the Strategic Plan)	
a) No	X
b) No, but a CEPA strategy is under development	

c) Yes, a CEPA strategy developed and public participation promoted to a limited extent (please provide details below)	
d) Yes, a CEPA strategy developed and public participation promoted to a significant extent (please provide details below)	
Further comments on the implementation of a CEPA strategy and the promotion of public participation in support of the Convention.	

92. Is your country undertaking any activities to facilitate the implementation of the programme of work on Communication, Education and Public Awareness as contained in the annex to decision VI/19? (decision VI/19)	
a) No	X
b) No, but some programmes are under development	
c) Yes, some activities are being undertaken (please provide details below)	
d) Yes, many activities are being undertaken (please provide details below)	
Further comments on the activities to facilitate the implementation of the programme of work on CEPA.	

93. Is your country strongly and effectively promoting biodiversity-related issues through the press, the various media and public relations and communications networks at national level? (decision VI/19)	
a) No	
b) No, but some programmes are under development	
c) Yes, to a limited extent (please provide details below)	X
d) Yes, to a significant extent (please provide details below)	
Further comments on the promotion of biodiversity-related issues through the press, the various media and public relations and communications networks at national level.	
<ul style="list-style-type: none"> - Use of TV and Radio Programmes to educate the public on the importance of biodiversity conservation. - Publication of Environmental bulletin and Celebration of World Environment Day through tree planting exercises country wide. - Use of nature clubs in school. 	

94. Does your country promote the communication, education and public awareness of biodiversity at the local level? (decision VI/19)	
a) No	
b) Yes (please provide details below)	X

Further information on the efforts to promote the communication, education and public awareness of biodiversity at the local level.

Through World Environment Day and World Water Day and Nature Clubs in schools.

95. Is your country supporting national, regional and international activities prioritized by the Global Initiative on Education and Public Awareness? (decision VI/19)

a) No

X

b) No, but some programmes are under development

c) Yes, some activities supported (please provide details below)

d) Yes, many activities supported (please provide details below)

Further comments on the support of national, regional and international activities prioritized by the Global Initiative on Education and Public Awareness.

96. Has your country developed adequate capacity to deliver initiatives on communication, education and public awareness?

a) No

b) No, but some programmes are under development

X

c) Yes, some programmes are being implemented (please provide details below)

d) Yes, comprehensive programmes are being implemented (please provide details below)

Further comments on the development of adequate capacity to deliver initiatives on communication, education and public awareness.

- International and National NGOs are involved in the implementation of conservation programmes in schools and communities e.g. Environmental foundation for Africa and the Conservation Society of Sierra Leone, etc.
- However, there is lack of human and financial resources at national level to deliver initiatives on communication, education and public awareness.

97. Does your country promote cooperation and exchange programmes for biodiversity education and awareness at the national, regional and international levels? (decisions IV /10 and VI/19)

a) No

b) Yes (please provide details below)

X

Further comments on the promotion of cooperation and exchange programmes for biodiversity education and awareness, at the national, regional and international levels.

- Through sectoral collaboration at national level.
- Through attendance and active participation in International for a on biodiversity conservation and sustainable use programmes as well as biosafety issues.

98. Is your country undertaking some CEPA activities for implementation of cross-cutting issues and thematic programmes of work adopted under the Convention?	
a) No (please specify reasons below)	X
b) Yes, some activities undertaken for some issues and thematic areas (please provide details below)	
c) Yes, many activities undertaken for most issues and thematic areas (please provide details below)	
d) Yes, comprehensive activities undertaken for all issues and thematic areas (please provide details below)	
Further comments on the CEPA activities for implementation of cross-cutting issues and thematic programmes of work adopted under the Convention.	
CEPA activities implementation has not been in central focus in Sierra Leone.	

99. <input checked="" type="checkbox"/> Does your country support initiatives by major groups, key actors and stakeholders that integrate biological diversity conservation matters in their practice and education programmes as well as into their relevant sectoral and cross-sectoral plans, programmes and policies? (decision IV/10 and Goal 4.4 of the Strategic Plan)	
a) No	
b) Yes (please provide details below)	X
Further comments on the initiatives by major groups, key actors and stakeholders that integrate biodiversity conservation in their practice and education programmes as well as their relevant sectoral and cross-sectoral plans, programmes and policies.	
<ul style="list-style-type: none"> - Local Environmental NGOs are supported in such initiatives. - The world Bank Project on Protected Area Management will support rural biodiversity management initiatives through micro-finance scheme. - The Artisanal Fisheries Development Project also support sustainable livelihood fisheries activities. - The Gola Forest Concession Programme also support such initiatives. 	

100. Is your country communicating the various elements of the 2010 biodiversity target and establishing appropriate linkages to the Decade on Education for Sustainable Development in the implementation of your national CEPA programmes and activities? (decision VII/24)	
a) No	X
b) No, but some programmes are under development	
c) Yes, some programmes developed and activities undertaken for this purpose (please provide details below)	
d) Yes, comprehensive programmes developed and many activities undertaken for this purpose (please provide details below)	

Further comments on the communication of the various elements of the 2010 biodiversity target and the establishment of linkages to the Decade on Education for Sustainable Development.

Box LII.

Please elaborate below on the implementation of this article and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

CEPA Strategy has not been implemented to promote biodiversity conservation and sustainable use in Sierra Leone. Some of its aspects which form part of the NBSAP have been applied to increase the level of public awareness on biodiversity and sustainable use issues b-e above.

Article 14 - Impact assessment and minimizing adverse impacts

101. On Article 14.1(a), has your country developed legislation requiring an environmental impact assessment of proposed projects likely to have adverse effects on biological diversity?

a) No	
b) No, legislation is still in early stages of development	
c) No, but legislation is in advanced stages of development	
d) Yes, legislation is in place (please provide details below)	X
e) Yes, review of implementation available (please provide details below)	

Further information on the legislation requiring EIA of proposed projects likely to have adverse effects on biodiversity.

- The National Environmental Protection Act, 2000 makes provision for proposed development projects that may have adverse effects on biodiversity to carry out EIA.
- Guidelines and Procedures to undertake EIA are in place

102. On Article 14.1(b), has your country developed mechanisms to ensure that due consideration is given to the environmental consequences of national programmes and policies that are likely to have significant adverse impacts on biological diversity?

a) No	
b) No, mechanisms are still in early stages of development	
c) No, but mechanisms are in advanced stages of development	
d) Yes, mechanisms are in place (please provide details below)	x

Further comments on the mechanisms developed to ensure that due consideration is given to the environmental consequences of national programmes and policies that are likely to have significant adverse impacts on biodiversity.

- Use of ETA guidelines and procedures by developers/proponents.
- Environment Protection Board has been established which enforce developers to carry out SEA and EIA.
- The Environment Protection Department has also been established but has inadequate capacity to monitor and enforce EIA documents submitted by developers.

103. ♦ On Article 14.1(c), is your country implementing bilateral, regional and/or multilateral agreements on activities likely to significantly affect biological diversity outside your country's jurisdiction?

a) No	x
b) No, but assessment of options is in progress	
c) Yes, some completed, others in progress (please provide details below)	
d) Yes (please provide details below)	x

Further information on the bilateral, regional and/or multilateral agreements on activities likely to significantly affect biodiversity outside your country's jurisdiction.

West African Gas Pipeline Project between Ghana, Togo, Benin and Nigeria is an example.

104. ♦ On Article 14.1(d), has your country put mechanisms in place to prevent or minimize danger or damage originating in your territory to biological diversity in the territory of other Parties or in areas beyond the limits of national jurisdiction?

a) No	X
b) No, mechanisms are still in early stages of development	
c) No, but mechanisms are in advanced stages of development	
d) Yes, mechanisms are in place based on current scientific knowledge	

105. ♦ On Article 14.1(e), has your country established national mechanisms for emergency response to activities or events which present a grave and imminent danger to biological diversity?

a) No	
b) No, mechanisms are still in early stages of development	
c) No, but mechanisms are in advanced stages of development	
d) Yes, mechanisms are in place (please provide details below)	X

Further information on national mechanisms for emergency response to the activities or events which present a grave and imminent danger to biodiversity.

The Office of National Security at State House has a Disaster Management Department (DMD) which responds to emergencies. It works in collaboration with the National Fire Force, Red Cross, relevant Government Line Ministries and Community-based Fire Fighters. The DMD is guided by a National Disaster Policy and Management Plan used to address

disasters when and where they occur and also prevent great negative impact on biodiversity.

106. Is your country applying the Guidelines for Incorporating Biodiversity-related Issues into Environment-Impact-Assessment Legislation or Processes and in Strategic Impact Assessment as contained in the annex to decision VI/7 in the context of the implementation of paragraph 1 of Article 14? (decision VI/7)

a) No	
b) No, but application of the guidelines under consideration	
c) Yes, some aspects being applied (please specify below)	X
d) Yes, major aspects being applied (please specify below)	

Further comments on application of the guidelines.

The Environment Protection Department (EPD) has guidelines and procedures for EIA as part of the Environment Protection Act, 2000 which advocates for SEA and EIA. The inadequate capacity of the EPD and absence of regulations have resulted to weak monitoring and enforcement.

107. On Article 14 (2), has your country put in place national legislative, administrative or policy measures regarding liability and redress for damage to biological diversity? (decision VI/11)

a) No	X
b) Yes (please specify the measures)	

Further comments on national legislative, administrative or policy measures regarding liability and redress for damage to biological diversity.

The issue to redress is not adequately addressed though there are punishments meted out for illegal tree felling, bush fires, poaching and illegal wildlife trafficking and unauthorized sand mining along the coastal environment.

108. Has your country put in place any measures to prevent damage to biological diversity?

a) No	
b) No, but some measures are being developed	
c) Yes, some measures are in place (please provide details below)	X
d) Yes, comprehensive measures are in place (please provide details below)	

Further information on the measures in place to prevent damage to biological diversity.

- Undertake nationwide tree planting programme in June every year
- Permit required for tree felling and replanting must be done to replace the tree cut down

109. Is your country cooperating with other Parties to strengthen capacities at the national level for the prevention of damage to biodiversity, establishment and implementation of national legislative regimes, policy and administrative measures on liability and redress? (decision VI/11)

a) No	
b) No, but cooperation is under consideration	
c) No, but cooperative programmes are under development	
d) Yes, some cooperative activities being undertaken (please provide details below)	X
e) Yes, comprehensive cooperative activities being undertaken (please provide details below)	

Further comments on cooperation with other Parties to strengthen capacities for the prevention of damage to biodiversity.

- Guinea Current Large Marine Ecosystem (GCLME).
- There is a proposed cross border agreement between Sierra Leone, Guinea and Liberia regarding the management of Transboundary Biodiversity Conservation Areas (TBCAs) in the three states. See Article 5 for more information regarding cooperation with other parties.

Box LIII.

Please elaborate below on the implementation of this article and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

- The NBSAP must be implemented to achieve the goals of the strategic plan of the CBD Convention and contribute to the reduction of biodiversity loss towards the 2010 targets.
- The implementation of EIA guidelines and procedures must be effective and the Department of Environment responsible for EIA must be proactive to contribute towards achieving the goals of the NBSAP and MDGs as well as poverty alleviation.

Article 15 - Access to genetic resources

110. ◊ Has your country endeavored to facilitate access to genetic resources for environmentally sound uses by other Parties, on the basis of prior informed consent and mutually agreed terms, in accordance with paragraphs 2, 4 and 5 of Article 15?	
a) No	
b) Yes (please provide details below)	X
Further information on the efforts taken by your country to facilitate access to genetic resources for environmentally sound uses by other Parties, on the basis of prior informed consent and mutually agreed terms.	
<ul style="list-style-type: none"> - The Rice Research Station at Rokuprr and the Institute of Agricultural Research (IAR) are collaborating with regional research agencies/centres such as the West African Rice Development Association (WARDA) and the International Institute of Tropical Agriculture (IITA) to improve access to genetic resources. - The NBSAP of Sierra Leone advocates for access to genetic resources and distribution of benefits thereof. 	

111. ◊ Has your country taken measures to ensure that any scientific research based on genetic resources provided by other Parties is developed and carried out with the full participation of such Parties, in accordance with Article 15(6)?	
a) No	X
b) No, but potential measures are under review	
c) Yes, some measures are in place (please provide details below)	
d) Yes, comprehensive measures are in place (please provide details below)	
Further information on the measures to ensure that any scientific research based on genetic resources provided by other Contracting Parties is developed and carried out with the full participation of such Contracting Parties.	

112. ◊ Has your country taken measures to ensure the fair and equitable sharing of the results of research and development and of the benefits arising from the commercial and other use of genetic resources with any Contracting Party providing such resources, in accordance with Article 15(7)?	
a) No	X
b) No, but potential measures are under review	
c) Yes, some measures are in place (please provide details below)	
d) Yes, comprehensive legislation is in place (please provide details below)	
e) Yes, comprehensive statutory policy or subsidiary legislation are in place (please provide details below)	
f) Yes, comprehensive policy and administrative measures are in place (please provide details below)	

Further information on the type of measures taken.

113. In developing national measures to address access to genetic resources and benefit-sharing, has your country taken into account the multilateral system of access and benefit-sharing set out in the International Treaty on Plant Genetic Resources for Food and Agriculture?

a) No	X
b) Yes (please provide details below)	

Further information on national measures taken which consider the multilateral system of access and benefit-sharing as set out in the International Treaty on Plant Genetic Resources for Food and Agriculture.

114. Is your country using the Bonn Guidelines when developing and drafting legislative, administrative or policy measures on access and benefit-sharing and/or when negotiating contracts and other arrangements under mutually agreed terms for access and benefit-sharing? (decision VII/19A)

a) No	X
b) No, but steps being taken to do so (please provide details below)	
c) Yes (please provide details below)	

Please provide details and specify successes and constraints in the implementation of the Bonn Guidelines.

115. Has your country adopted national policies or measures, including legislation, which address the role of intellectual property rights in access and benefit-sharing arrangements (i.e. the issue of disclosure of origin/source/legal provenance of genetic resources in applications for intellectual property rights where the subject matter of the application concerns, or makes use of, genetic resources in its development)?

a) No	X
b) No, but potential policies or measures have been identified (please specify below)	
c) No, but relevant policies or measures are under development (please specify below)	
d) Yes, some policies or measures are in place (please specify below)	
e) Yes, comprehensive policies or measures adopted (please specify below)	

Further information on policies or measures that address the role of IPR in access and benefit-sharing arrangements.

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116. Has your country been involved in capacity-building activities related to access and benefit-sharing?

a) Yes (please provide details below)

b) No

X

Please provide further information on capacity-building activities (your involvement as donor or recipient, key actors involved, target audience, time period, goals and objectives of the capacity-building activities, main capacity-building areas covered, nature of activities). Please also specify whether these activities took into account the Action Plan on capacity-building for access and benefit-sharing adopted at COP VII and available in annex to decision VII/19F.


Box LIV.

Please elaborate below on the implementation of this article and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

Issues relating to this article are under consideration.

Article 16 - Access to and transfer of technology

117.  On Article 16(1), has your country taken measures to provide or facilitate access for and transfer to other Parties of technologies that are relevant to the conservation and sustainable use of biological diversity or make use of genetic resources and do not cause significant damage to the environment?

a) No

b) No, but potential measures are under review

c) Yes, some measures are in place (please provide details below)

d) Yes, comprehensive measures are in place (please provide details below)

X

Further information on the measures to provide or facilitate access for and transfer to other Parties of technologies that are relevant to the conservation and sustainable use of biodiversity or make use of genetic resources and do not cause significant damage to the environment.

118. ♦ On Article 16(3), has your country taken measures so that Parties which provide genetic resources are provided access to and transfer of technology which make use of those resources, on mutually agreed terms?

a) No	X
b) No, but potential measures are under review	
c) Yes, some measures are in place	
d) Yes, comprehensive legislation is in place	
e) Yes, comprehensive statutory policy or subsidiary legislation are in place	
f) Yes, comprehensive policy and administrative arrangements are in place	
g) Not applicable	

119. ♦ On Article 16(4), has your country taken measures so that the private sector facilitates access to joint development and transfer of relevant technology for the benefit of Government institutions and the private sector of developing countries?

a) No	X
b) No, but potential measures are under review	
c) Yes, some policies and measures are in place (please provide details below)	
d) Yes, comprehensive policies and measures are in place (please provide details below)	
e) Not applicable	

Further information on the measures taken.

Box LV.

Please elaborate below on the implementation of this article specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

Issues relating to access to and transfer of technology are under consideration.

Programme of Work on transfer of technology and technology cooperation

120. Has your country provided financial and technical support and training to assist in the implementation of the programme of work on transfer of technology and technology cooperation? (decision VII/29)

a) No	X
b) No, but relevant programmes are under development	
c) Yes, some programmes being implemented (please provide details below)	
d) Yes, comprehensive programmes being implemented (please provide details below)	

Further comments on the provision of financial and technical support and training to assist in the implementation of the programme of work on transfer of technology and technology cooperation.

121. Is your country taking any measures to remove unnecessary impediments to funding of multi-country initiatives for technology transfer and for scientific and technical cooperation? (decision VII/29)

a) No	X
b) No, but some measures being considered	
c) Yes, some measures are in place (please provide details below)	
d) Yes, comprehensive measures are in place (please provide details below)	

Further comments on the measures to remove unnecessary impediments to funding of multi-country initiatives for technology transfer and for scientific and technical cooperation.

122. Has your country made any technology assessments addressing technology needs, opportunities and barriers in relevant sectors as well as related needs in capacity building? (annex to decision VII/29)

a) No	X
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b) No, but assessments are under way	
c) Yes, basic assessments undertaken (please provide details below)	
d) Yes, thorough assessments undertaken (please provide details below)	
Further comments on technology assessments addressing technology needs, opportunities and barriers in relevant sectors as well as related needs in capacity building.	

123. Has your country made any assessments and risk analysis of the potential benefits, risks and associated costs with the introduction of new technologies? (annex to decision VII/29)	
a) No	X
b) No, but assessments are under way	
c) Yes, some assessments undertaken (please provide details below)	
d) Yes, comprehensive assessments undertaken (please provide details below)	
Further comments on the assessments and risk analysis of the potential benefits, risks and associated costs with the introduction of new technologies.	

124. Has your country identified and implemented any measures to develop or strengthen appropriate information systems for technology transfer and cooperation, including assessing capacity building needs? (annex to decision VII/29)	
a) No	
b) No, but some programmes are under development	X
c) Yes, some programmes are in place and being implemented (please provide details below)	
d) Yes, comprehensive programmes are being implemented (please provide details below)	
Further comments on measures to develop or strengthen appropriate information systems for technology transfer and cooperation.	
<ul style="list-style-type: none"> - The Clearing House Mechanism which is in its development phase. - The Biosafety Clearing House Project is now ready for implementation 	

125. Has your country taken any of the measures specified under Target 3.2 of the programme of work as a preparatory phase to the development and implementation of national institutional, administrative, legislative and policy frameworks to facilitate cooperation as well as access to and adaptation of technologies of relevance to the Convention? (annex to decision VII/29)	
a) No	X

b) No, but a few measures being considered	
c) Yes, some measures taken (please specify below)	
d) Yes, many measures taken (please specify below)	
Further comments on the measures taken as a preparatory phase to the development and implementation of national institutional, administrative, legislative and policy frameworks to facilitate cooperation as well as access to and adaptation of technologies of relevance to the Convention.	

Box LVI.

<p>Please elaborate below on the implementation of this article and associated decisions specifically focusing on:</p> <ul style="list-style-type: none"> a) outcomes and impacts of actions taken; b) contribution to the achievement of the goals of the Strategic Plan of the Convention; c) contribution to progress towards the 2010 target; d) progress in implementing national biodiversity strategies and action plans; e) contribution to the achievement of the Millennium Development Goals; f) constraints encountered in implementation.
Issues in this article are under consideration.

Article 17 - Exchange of information

126. ♦ On Article 17(1), has your country taken measures to facilitate the exchange of information from publicly available sources with a view to assist with the implementation of the Convention and promote technical and scientific cooperation?	
a) No	X
b) No, but potential measures are under review	
c) Yes, some measures are in place	
d) Yes, comprehensive measures are in place	

The following question (127) is for DEVELOPED COUNTRIES

127. ♦ On Article 17(1), do these measures take into account the special needs of developing countries and include the categories of information listed in Article 17(2), such as technical, scientific and socio-economic research, training and surveying programmes, specialized knowledge, repatriation of information and so on?	
a) No	
b) Yes, but they do not include the categories of information listed in Article 17(2), such as technical, scientific and socio-economic research, training and surveying programmes, specialized knowledge, repatriation of information and so on	
c) Yes, and they include categories of information listed in Article 17 (2), such as technical, scientific and socio-economic	

research, training and surveying programmes, specialized knowledge, repatriation of information and so on	
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Box LVII.

Please elaborate below on the implementation of this article and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

Article 18 - Technical and scientific cooperation

128. ◊ On Article 18(1), has your country taken measures to promote international technical and scientific cooperation in the field of conservation and sustainable use of biological diversity?

- | | |
|--|---|
| a) No | |
| b) No, but potential measures are under review | |
| c) Yes, some measures are in place (please provide details below) | X |
| d) Yes, comprehensive measures are in place (please provide details below) | |

Further information on the measures to promote international technical and scientific cooperation.

- Communique on management of Transboundary Biodiversity Conservation Areas (TBCAs) between the Republic of Guinea, Liberia and Sierra Leone
- The establishment of a National Biosafety Database which will be further developed into the National Biosafety Clearing House.

129. ◊ On Article 18(4), has your country encouraged and developed methods of cooperation for the development and use of technologies, including indigenous and traditional technologies, in pursuance of the objectives of this Convention?

- | | |
|---|---|
| a) No | |
| b) No, but relevant methods are under development | X |
| c) Yes, methods are in place | |

130. ♦ On Article 18(5), has your country promoted the establishment of joint research programmes and joint ventures for the development of technologies relevant to the objectives of the Convention?	
a) No	X
b) Yes (please provide some examples below)	
Examples for the establishment of joint research programmes and joint ventures for the development of technologies relevant to the objectives of the Convention.	

131. Has your country established links to non-governmental organizations, private sector and other institutions holding important databases or undertaking significant work on biological diversity through the CHM? (decision V/14)	
a) No	X
b) No, but coordination with relevant NGOs, private sector and other institutions under way	
c) Yes, links established with relevant NGOs, private sector and institutions	

The following question (132) is for DEVELOPED COUNTRIES

132. Has your country further developed the CHM to assist developing countries and countries with economies in transition to gain access to information in the field of scientific and technical cooperation? (decision V/14)	
a) No	
b) Yes, by using funding opportunities	
c) Yes, by means of access to, and transfer of technology	
d) Yes, by using research cooperation facilities	
e) Yes, by using repatriation of information	
f) Yes, by using training opportunities	
g) Yes, by using promotion of contacts with relevant institutions, organizations and the private sector	
h) Yes, by using other means (please specify below)	
Further comments on CHM developments to assist developing countries and countries with economies in transition to gain access to information in the field of scientific and technical cooperation.	

133. Has your country used CHM to make information available more useful for researchers and decision-makers? (decision V/14)	
a) No	
b) No, but relevant initiatives under consideration	X
c) Yes (please provide details below)	
Further comments on development of relevant initiatives.	

134. Has your country developed, provided and shared services and tools to enhance and facilitate the implementation of the CHM and further improve synergies among biodiversity-related Conventions? (decision V/14)	
a) No	X
b) Yes (please specify services and tools below)	
Further comments on services and tools to enhance and facilitate the implementation of CHM and further improve synergies among biodiversity-related Conventions.	

Box LVIII.

<p>Please elaborate below on the implementation of this article and associated decisions specifically focusing on:</p> <ul style="list-style-type: none"> a) outcomes and impacts of actions taken; b) contribution to the achievement of the goals of the Strategic Plan of the Convention; c) contribution to progress towards the 2010 target; d) progress in implementing national biodiversity strategies and action plans; e) contribution to the achievement of the Millennium Development Goals; f) constraints encountered in implementation.
Issues relating to this article are under consideration.

Article 19 - Handling of biotechnology and distribution of its benefits

135. ♦ On Article 19(1), has your country taken measures to provide for the effective participation in biotechnological research activities by those Contracting Parties which provide the genetic resources for such research?

a) No	X
b) No, but potential measures are under review	
c) Yes, some measures are in place	
d) Yes, comprehensive legislation are in place	
e) Yes, comprehensive statutory policy and subsidiary legislation are in place	
f) Yes, comprehensive policy and administrative measures are in place	

136. ♦ On Article 19(2), has your country taken all practicable measures to promote and advance priority access by Parties, on a fair and equitable basis, to the results and benefits arising from biotechnologies based upon genetic resources provided by those Parties?

a) No	X
b) No, but potential measures are under review	
c) Yes, some measures are in place	
d) Yes, comprehensive measures are in place	

Box LIX.

Please elaborate below on the implementation of this article and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

- Sierra Leone has developed its National Biosafety Framework (NBF) with technical guidelines. The Biosafety Bill which is part of the NBF will be enacted before the end of 2008.
- Constraints encountered include lack of political will, inadequate dissemination of information on biotechnology, lack of capacity in terms of human and financial resources, poor technology and expertise transfer and inadequate partnership between parties.

Article 20 – Financial resources

Box LX.

Please describe for each of the following items the quantity of financial resources, both internal and external, that have been utilized, received or provided, as applicable, to implement the Convention on Biological Diversity, on an annual basis, since your country became a Party to the Convention.	
a) Budgetary allocations by national and local Governments as well as different sectoral ministries	None
b) Extra-budgetary resources (identified by donor agencies)	None
c) Bilateral channels (identified by donor agencies)	Uncertain
d) Regional channels (identified by donor agencies)	uncertain
e) Multilateral channels (identified by donor agencies)	GEF Sponsored projects: NBSAP Project US\$ 280,000 NBF Project US\$ 154,000 BCH Project US\$ 48,000
f) Private sources (identified by donor agencies)	uncertain
g) Resources generated through financial instruments, such as charges for use of biodiversity	uncertain

Box LXI.

Please describe in detail below any major financing programmes, such as biodiversity trust funds or specific programmes that have been established in your country.
None

137. <input checked="" type="checkbox"/> On Article 20(1), has your country provided financial support and incentives to those national activities that are intended to achieve the objectives of the Convention?	
a) No	
b) Yes, incentives only (please provide a list of such incentives below)	
c) Yes, financial support only	X
d) Yes, financial support and incentives (please provide details below)	
Further comments on financial support and incentives provided.	

The next question (138) is for DEVELOPED COUNTRIES

138. ♦ On Article 20(2), has your country provided new and additional financial resources to enable developing country Parties to meet the agreed incremental costs to them of implementing measures which fulfill the obligations of the Convention?	
a) No	
b) Yes (please indicate the amount, on an annual basis, of new and additional financial resources your country has provided)	
Further comments on new and additional financial resources provided.	

The next question (139) is for DEVELOPING COUNTRIES OR COUNTRIES WITH ECONOMIES IN TRANSITION

139. ♦ On Article 20(2), has your country received new and additional financial resources to enable it to meet the agreed full incremental costs of implementing measures which fulfill the obligations of the Convention?	
a) No	X
b) Yes	

140. ♦ Has your country established a process to monitor financial support to biodiversity, including support provided by the private sector? (decision V/11)	
a) No	X
b) No, but procedures being established	
c) Yes (please provide details below)	
Further comments on processes to monitor financial support to biodiversity, including support provided by the private sector.	

141. ♦ Has your country considered any measures like tax exemptions in national taxation systems to encourage financial support to biodiversity? (decision V/11)	
a) No	X
b) No, but exemptions are under development (please provide details below)	
c) Yes, exemptions are in place (please provide details below)	
Further comments on tax exemptions for biodiversity-related donations.	

142. Has your country reviewed national budgets and monetary policies, including the effectiveness of official development assistance allocated to biodiversity, with particular attention paid to positive incentives and their performance as well as perverse incentives and ways and means for their removal or mitigation? (decision VI/16)	
a) No	X
b) No, but review is under way	
c) Yes (please provide results of review below)	
Further comments on review of national budgets and monetary policies, including the effectiveness of official development assistance.	

143. Is your country taking concrete actions to review and further integrate biodiversity considerations in the development and implementation of major international development initiatives, as well as in national sustainable development plans and relevant sectoral policies and plans? (decisions VI/16 and VII/21)	
a) No	
b) No, but review is under way	
c) Yes, in some initiatives and plans (please provide details below)	x
d) Yes, in major initiatives and plans (please provide details below)	
Further comments on review and integration of biodiversity considerations in relevant initiatives, policies and plans.	
Biodiversity considerations have been integrated into PRSP, NBSAP, NAPA to combat land degradation etc.	

144. Is your country enhancing the integration of biological diversity into the sectoral development and assistance programmes? (decision VII/21)	
a) No	
b) No, but relevant programmes are under development	
c) Yes, into some sectoral development and assistance programmes (please provide details below)	X
d) Yes, into major sectoral development and assistance programmes (please provide details below)	
Further comments on the integration of biodiversity into sectoral development and assistance programmes	
<ul style="list-style-type: none"> - UNDP support project on fuelwood in the Western Area. - World Bank Protected Area Management Project. - Elaboration process of the National Action Programme for the implementation of the UNCCD in Sierra Leone 	

The next question (145) is for DEVELOPED COUNTRIES

145. Please indicate with an "X" in the table below in which area your country has provided financial support to developing countries and/or countries with economies in transition. Please elaborate in the space below if necessary.

A r e a s	Support provided
a) Undertaking national or regional assessments within the framework of MEA (decision VI/8)	
b) <i>In-situ</i> conservation (decision V/16)	
c) Enhance national capacity to establish and maintain the mechanisms to protect traditional knowledge (decision VI/10)	
d) <i>Ex-situ</i> conservation (decision V/26)	
e) Implementation of the Global Strategy for Plant Conservation (decision VI/9)	
f) Implementation of the Bonn Guidelines (decision VI/24)	
g) Implementation of programme of work on agricultural biodiversity (decision V/5)	
h) Preparation of first report on the State of World's Animal Genetic Resources (decision VI/17)	
i) Support to work of existing regional coordination mechanisms and development of regional and sub regional networks or processes (decision VI/27)	
j) Development of partnerships and other means to provide the necessary support for the implementation of the programme of work on dry and subhumid lands biological diversity (decision VII/2)	
k) Financial support for the operations of the Coordination Mechanism of the Global Taxonomy Initiative (decision VII/9)	
l) Support to the implementation of the Action Plan on Capacity Building as contained in the annex to decision VII/19 (decision VII/19)	
m) Support to the implementation of the programme of work on mountain biological diversity (decision VII/27)	
n) Support to the implementation of the programme of work on protected areas (decision VII/28)	
o) Support to the development of national indicators (decision VII/30)	
p) Others (please specify)	

Further information on financial support provided to developing countries and countries with economies in transition.

The next question (146) is for DEVELOPING COUNTRIES OR COUNTRIES WITH ECONOMIES IN TRANSITION

146. Please indicate with an "X" in the table below in which areas your country has applied for funds from the Global Environment Facility (GEF), from developed countries and/or from other sources. The same area may have more than one source of financial support. Please elaborate in the space below if necessary.

Areas	Applied for funds from		
	GEF	Bilateral	Other
a) Preparation of national biodiversity strategies or action plans	x		
b) National capacity self-assessment for implementation of Convention (decision VI/27)	x		
c) Priority actions to implement the Global Taxonomy Initiative (decision V/9)			
d) <i>In-situ</i> conservation (decision V/16)			x
e) Development of national strategies or action plans to deal with alien species (decision VI/23)		x	
f) <i>Ex-situ</i> conservation, establishment and maintenance of <i>Ex-situ</i> conservation facilities (decision V/26)			x
g) Projects that promote measures for implementing Article 13 (Education and Public Awareness) (decision VI/19)			x
h) Preparation of national reports (decisions III/9, V/19 and VI/25)	x		
i) Projects for conservation and sustainable use of inland water biological diversity (decision IV/4)			x
j) Activities for conservation and sustainable use of agricultural biological diversity (decision V/5)		x	x
k) Implementation of the Cartagena Protocol on Biosafety (decision VI/26)	x		
l) Implementation of the Global Taxonomy Initiative			
m) Implementation of the Addis Ababa Principles and Guidelines for the Sustainable Use of Biodiversity			
n) Others (please specify)			

Further information on application for financial support.

Other funding sources include IUCN, RSPB ABD and World Bank etc. National and International NGOs also seek funding for biodiversity conservation and sustainable use activities which is uncoordinated.

Box LXII.

Please elaborate below on the implementation of this article and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

- Increase in public awareness in biodiversity consideration and sustainable use
- NBSAP and NBF developed for Sierra Leone
- First and Second Country report prepared and submitted
- Increased number of local communities involvement in biodiversity conservation activities in the country and their livelihoods along Protected Areas and Forest Reserves improved through involvement in their management.
- Modest contributions towards achieving the 2010 targets and the MDGs particularly MDGs 7 and 8
- Inadequate human and financial resources as well as logistics.

D. THEMATIC AREAS

147. Please use the scale indicated below to reflect the level of challenges faced by your country in implementing the thematic programmes of work of the Convention (marine and coastal biodiversity, agricultural biodiversity, forest biodiversity, inland waters biodiversity, dry and sub-humid lands and mountain biodiversity).

3 = High Challenge

1 = Low Challenge

2 = Medium Challenge

0 = Challenge has been successfully overcome

N/A = Not applicable

Challenges	Programme of Work					
	Agricultural	Forest	Marine and coastal	Inland water ecosystem	Dry and subhumid lands	Mountain
(a) Lack of political will and support	0	2	2	1	1	1
(b) Limited public participation and stakeholder involvement	0	1	3	1	0	N/A
(c) Lack of main-streaming and integration of biodiversity issues into other sectors	1	2	2	2	0	1
(d) Lack of precautionary and proactive measures	1	1	3	1	1	1
(e) Inadequate capacity to act, caused by institutional weakness	1	2	2	2	1	1
(f) Lack of transfer of technology and expertise	1	1	1	1	1	1
(g) Loss of traditional knowledge	1	1	1	1	3	1
(h) Lack of adequate scientific research capacities to support all the objectives	1	2	1	2	3	3
(i) Lack of accessible knowledge and information	1	1	2	2	2	1
(j) Lack of public education and awareness at all levels	0	2	3	1	2	N/A

(k) Existing scientific and traditional knowledge not fully utilized	1	1	2	2	1	N.A
(l) Loss of biodiversity and the corresponding goods and services it provides not properly understood and documented	2	2	3	2	3	3
(m) Lack of financial, human, technical resources	2	3	3	2	3	3
(n) Lack of economic incentive measures	2	3	3	2	3	N/A
(o) Lack of benefit-sharing	1	1	3	1	3	1
(p) Lack of synergies at national and international levels	1	2	2	1	3	1
(q) Lack of horizontal cooperation among stakeholders	1	2	2	2	1	1
(r) Lack of effective partnerships	1	2	3	2	2	1
(s) Lack of engagement of scientific community	1	2	2	1	3	1
(t) Lack of appropriate policies and laws	1	2	2	2	1	N/A
(u) Poverty	3	3	3	3	3	1
(v) Population pressure	3	3	3	3	3	1
(w) Unsustainable consumption and production patterns	3	3	3	3	3	1
(x) Lack of capacities for local communities	2	2	3	3	2	1
(y) Lack of knowledge and practice of ecosystem-based approaches to management	1	1	2	1	2	1
(z) Weak law enforcement capacity	3	3	3	3	3	1
(aa) Natural disasters and environmental change	2	2	2	2	1	1

(bb) Others (please specify)						
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Inland water ecosystems

148. Has your country incorporated the objectives and relevant activities of the programme of work into the following and implemented them? (decision VII/4)

Strategies, policies, plans and activities	No	Yes, partially, integrated but not implemented	Yes, fully integrated and implemented	N/A
a) Your biodiversity strategies and action plans		X		
b) Wetland policies and strategies	X			
c) Integrated water resources management and water efficiency plans being developed in line with paragraph 25 of the Plan of Implementation of the World Summit on Sustainable Development		X		
d) Enhanced coordination and cooperation between national actors responsible for inland water ecosystems and biological diversity		X		

Further comments on incorporation of the objectives and activities of the programme of work

A policy has not been developed but objectives and activities of the programme of work have been incorporated into a, c and d.

149. Has your country identified priorities for each activity in the programme of work, including timescales, in relation to outcome oriented targets? (decision VII/4)	
a) No	X
b) Outcome oriented targets developed but priority activities not developed	
c) Priority activities developed but not outcome oriented targets	
d) Yes, comprehensive outcome oriented targets and priority activities developed	
Further comments on the adoption of outcome oriented targets and priorities for activities, including providing a list of targets (if developed).	

150. Is your country promoting synergies between this programme of work and related activities under the Ramsar Convention as well as the implementation of the Joint Work Plan (CBD-Ramsar) at the national level? (decision VII/4)	
a) Not applicable (not Party to Ramsar Convention)	
b) No	
c) No, but potential measures were identified for synergy and joint implementation	X
d) Yes, some measures taken for joint implementation (please specify below)	
e) Yes, comprehensive measures taken for joint implementation (please specify below)	
Further comments on the promotion of synergies between the programme of work and related activities under the Ramsar Convention as well as the implementation of the Joint Work Plan (CBD-Ramsar) at the national level.	
Sierra Leone is a signatory to the Ramsar Convention; there has been discussions on synergies and joint implementation of CBD – Ramsar Work Plans	

151. Has your country taken steps to improve national data on: (decision VII/4)			
Issues	Yes	No	No, but development is under way
a) Goods and services provided by inland water ecosystems?			X
b) The uses and related socioeconomic variables of such goods and services?			X

c) Basic hydrological aspects of water supply as they relate to maintaining ecosystem function?			X
d) Species and all taxonomic levels?			
e) On threats to which inland water ecosystems are subjected?	X		X
Further comments on the development of data sets, in particular a list of data sets developed in case you have replied "YES" above.			
There is no comprehensive data set for species. Much of the focus has been on birds.			

152. Has your country promoted the application of the guidelines on the rapid assessment of the biological diversity of inland water ecosystems? (decision VII/4)	
a) No, the guidelines have not been reviewed	X
b) No, the guidelines have been reviewed and found inappropriate	
c) Yes, the guidelines have been reviewed and application/promotion is pending	
d) Yes, the guidelines promoted and applied	
Further comments on the promotion and application of the guidelines on the rapid assessment of the biological diversity of inland water ecosystems.	
There is need for training in this area	

Box LXIII.

<p>Please elaborate below on the implementation of this programme of work and associated decisions specifically focusing on:</p> <ul style="list-style-type: none"> a) outcomes and impacts of actions taken; b) contribution to the achievement of the goals of the Strategic Plan of the Convention; c) contribution to progress towards the 2010 target; d) progress in implementing national biodiversity strategies and action plans; e) contribution to the achievement of the Millennium Development Goals; f) constraints encountered in implementation.
<p>Improved water management has led to increased annual rice yields in lowland areas through multiple cropping. Fishermen using improved methods have increased quality fish catch. Sustained electricity supply in parts of the country through protection of catchment.</p> <p>Increase knowledge about biodiversity conservation and sustainable use of its component</p> <p>Incorporation of strategies by respective line ministries</p> <p>Increase efforts in poverty alleviation and attainment of food security</p>

Marine and coastal biological diversity
General

153. Do your country's strategies and action plans include the following? Please use an "X" to indicate your response. (decisions II/10 and IV/15)

a) Developing new marine and coastal protected areas	X
b) Improving the management of existing marine and coastal protected areas	X
c) Building capacity within the country for management of marine and coastal resources, including through educational programmes and targeted research initiatives (if yes, please elaborate on types of initiatives in the box below)	X
d) Instituting improved integrated marine and coastal area management (including catchments management) in order to reduce sediment and nutrient loads into the marine environment	
e) Protection of areas important for reproduction, such as spawning and nursery areas	X
f) Improving sewage and other waste treatment	X
g) Controlling excessive fishing and destructive fishing practices	X
h) Developing a comprehensive oceans policy (if yes, please indicate current stage of development in the box below)	
i) Incorporation of local and traditional knowledge into management of marine and coastal resources (if yes, please elaborate on types of management arrangements in the box below)	X
j) Others (please specify below)	
k) Not applicable	

Please elaborate on the above activities and list any other priority actions relating to conservation and sustainable use of marine and coastal biodiversity.

Sub-Regional Coastal Zone Management (PRCM)

Co-management of Marine Coastal Zone through Artisanal Fisheries Development Project (ABD Funded)

Implementation of Integrated Marine and Coastal Area Management

154. Has your country established and/or strengthened institutional, administrative and legislative arrangements for the development of integrated management of marine and coastal ecosystems?	
a) No	
b) Early stages of development	X
c) Advanced stages of development	
d) Arrangements in place (please provide details below)	
e) Not applicable	
Further comments on the current status of implementation of integrated marine and coastal area management.	

155. Has your country implemented ecosystem-based management of marine and coastal resources, for example through integration of coastal management and watershed management, or through integrated multidisciplinary coastal and ocean management?	
a) No	
b) Early stages of development	X
c) Advanced stages of development	
d) Arrangements in place (please provide details below)	
e) Not applicable	
Further comments on the current status of application of the ecosystem to management of marine and coastal resources.	

Marine and Coastal Living Resources

156. Has your country identified components of your marine and coastal ecosystems, which are critical for their functioning, as well as key threats to those ecosystems?	
a) No	
b) Plans for a comprehensive assessment of marine and coastal ecosystems are in place (please provide details below)	
c) A comprehensive assessment is currently in progress	X
d) Critical ecosystem components have been identified, and management plans for them are being developed (please provide details below)	
e) Management plans for important components of marine and coastal ecosystems are in place (please provide details below)	
f) Not applicable	
Further comments on the current status of assessment, monitoring and research relating to marine and coastal ecosystems, as well as key threats to them	

157. Is your country undertaking the following activities to implement the Convention's work plan on coral reefs? Please use an "X" to indicate your response.

Activities	Not implemented nor a priority	Not implemented but a priority	Currently implemented	Not applicable
a) Ecological assessment and monitoring of reefs				x
b) Socio-economic assessment and monitoring of communities and stakeholders				x
c) Management, particularly through application of integrated coastal management and marine and coastal protected areas in coral reef environments				X
d) Identification and implementation of additional and alternative measures for securing livelihoods of people who directly depend on coral reef services				X
e) Stakeholder partnerships, community participation programmes and public education campaigns				X
f) Provision of training and career opportunities for marine taxonomists and ecologists				X
g) Development of early warning systems of coral bleaching				
h) Development of a rapid response capability to document coral bleaching and mortality				X
i) Restoration and rehabilitation of degraded coral reef habitats				X
j) Others (please specify below)				

Please elaborate on ongoing activities.

Marine and Coastal Protected Areas

158. Which of the following statements can best describe the current status of marine and coastal protected areas in your country? Please use an "X" to indicate your response.	
a) Marine and coastal protected areas have been declared and gazetted (please indicate below how many)	
b) Management plans for these marine and coastal protected areas have been developed with involvement of all stakeholders	
c) Effective management with enforcement and monitoring has been put in place	X
d) A national system or network of marine and coastal protected areas is under development	X
e) A national system or network of marine and coastal protected areas has been put in place	
f) The national system of marine and coastal protected areas includes areas managed for purpose of sustainable use, which may allow extractive activities	X
g) The national system of marine and coastal protected areas includes areas which exclude extractive uses	
h) The national system of marine and coastal protected areas is surrounded by sustainable management practices over the wider marine and coastal environment.	X
i) Other (please describe below)	
j) Not applicable	
Further comments on the current status of marine and coastal protected areas.	

Mariculture

159. Is your country applying the following techniques aimed at minimizing adverse impacts of mariculture on marine and coastal biodiversity? Please check all that apply.	
a) Application of environmental impact assessments for mariculture developments	
b) Development and application of effective site selection methods in the framework of integrated marine and coastal area management	
c) Development of effective methods for effluent and waste control	
d) Development of appropriate genetic resource management plans at the hatchery level	
e) Development of controlled hatchery and genetically sound reproduction methods in order to avoid seed collection from nature.	
f) If seed collection from nature cannot be avoided, development of environmentally sound practices for spat collecting operations, including use of selective fishing gear to avoid by-catch	
g) Use of native species and subspecies in mariculture	

h) Implementation of effective measures to prevent the inadvertent release of mariculture species and fertile polypoids.	
i) Use of proper methods of breeding and proper places of releasing in order to protect genetic diversity	
j) Minimizing the use of antibiotics through better husbandry techniques	
k) Use of selective methods in commercial fishing to avoid or minimize by-catch	
l) Considering traditional knowledge, where applicable, as a source to develop sustainable mariculture techniques	
m) Not applicable	X
Further comments on techniques that aim at minimizing adverse impacts of mariculture on marine and coastal biodiversity.	

Alien Species and Genotypes

160. Has your country put in place mechanisms to control pathways of introduction of alien species in the marine and coastal environment? Please check all that apply and elaborate on types of measures in the space below.	
a) No	X
b) Mechanisms to control potential invasions from ballast water have been put in place (please provide details below)	
c) Mechanisms to control potential invasions from hull fouling have been put in place (please provide details below)	
d) Mechanisms to control potential invasions from aquaculture have been put in place (please provide details below)	
e) Mechanisms to control potential invasions from accidental releases, such as aquarium releases, have been put in place (please provide details below)	
f) Not applicable	
Further comments on the current status of activities relating to prevention of introductions of alien species in the marine and coastal environment, as well as any eradication activities.	

Box LXIV.

<p>Please elaborate below on the implementation of this programme of work and associated decisions specifically focusing on:</p> <ul style="list-style-type: none"> a) outcomes and impacts of actions taken; b) contribution to the achievement of the goals of the Strategic Plan of the Convention; c) contribution to progress towards the 2010 target; d) progress in implementing national biodiversity strategies and action plans; e) contribution to the achievement of the Millennium Development Goals; f) constraints encountered in implementation.

Agricultural biological diversity

161. ♦ Has your country developed national strategies, programmes and plans that ensure the development and successful implementation of policies and actions that lead to the conservation and sustainable use of agrobiodiversity components? (decisions III/11 and IV/6)	
a) No	
b) No, but strategies, programmes and plans are under development	
c) Yes, some strategies, programmes and plans are in place (please provide details below)	
d) Yes, comprehensive strategies, programmes and plans are in place (please provide details below)	X
Further comments on agrobiodiversity components in national strategies, programmes and plans.	
Ecosystem approach to farming, conservation farming and the use and conservation of land races	

162. ♦ Has your country identified ways and means to address the potential impacts of genetic use restriction technologies on the <i>In-situ</i> and <i>Ex-situ</i> conservation and sustainable use, including food security, of agricultural biological diversity? (decision V/5)	
a) No	
b) No, but potential measures are under review	
c) Yes, some measures identified (please provide details below)	X
d) Yes, comprehensive measures identified (please provide details below)	
Further information on ways and means to address the potential impacts of genetic use restriction technologies on the <i>In-situ</i> and <i>Ex-situ</i> conservation and sustainable use of agricultural biodiversity.	
A national policy framework on biosafety developed and under review	

Annex to decision V/5 - Programme of work on agricultural biodiversity

Programme element 1 – Assessment	
163. Has your country undertaken specific assessments of components of agricultural biodiversity such as on plant genetic resources, animal genetic resources, pollinators, pest management and nutrient cycling?	
a) No	
b) Yes, assessments are in progress (please specify components below)	
c) Yes, assessments completed (please specify components and results of assessments below)	X
Further comments on specific assessments of components of agricultural biodiversity.	
Plant Genetic Resources:	Food & cash crops - 147 species recorded Total plant species - 1,576 species recorded
Animal Genetic Resources:	Devastated by 11 years of civil conflict needs re-assessment
Pollinators:	To be assessed
Pest management:	Integrated pest management with greater emphasis on biological control
Nutrient recycling:	Heavily relied upon in the bush fallows

164. Is your country undertaking assessments of the interactions between agricultural practices and the conservation and sustainable use of the components of biodiversity referred to in Annex I of the Convention (e.g. ecosystems and habitats; species and communities; genomes and genes of social, scientific or economic importance)?	
a) No	X
b) Yes, assessments are under way	
c) Yes, some assessments completed (please provide details below)	
d) Yes, comprehensive assessments completed (please provide details below)	
Further comments on assessment of biodiversity components (e.g. ecosystems and habitats; species and communities; genomes and genes of social, scientific or economic importance).	
Apart from general available knowledge no specific studies yet undertaken	

165. Has your country carried out an assessment of the knowledge, innovations and practices of farmers and indigenous and local communities in sustaining agricultural biodiversity and agro-ecosystem services for food production and food security?	
a) No	X
b) Yes, assessment is under way	
c) Yes, assessment completed (please specify where information can be retrieved below)	
Further comments on assessment of the knowledge, innovations and practices of farmers and indigenous and local communities.	
General available knowledge, no specific studies and documentation.	

166. Has your country been monitoring an overall degradation, status quo or restoration/rehabilitation of agricultural biodiversity since 1993 when the Convention entered into force?	
a) No	
b) Yes, no change found (status quo)	
c) Yes, overall degradation found (please provide details below)	X
d) Yes, overall restoration or rehabilitation observed (please provide details below)	
Further comments on observations.	
11 years of civil war had a severe impact on the national seed bank, farmers seed bank and livestock	

Programme element 2 - Adaptive management

167. Has your country identified management practices, technologies and policies that promote the positive, and mitigate the negative, impacts of agriculture on biodiversity, and enhance productivity and the capacity to sustain livelihoods?

- | | |
|--|---|
| a) No | |
| b) No, but potential practices, technologies and policies being identified | |
| c) Yes, some practices, technologies and policies identified (please provide details below) | X |
| d) Yes, comprehensive practices, technologies and policies identified (please provide details below) | |

Further comments on identified management practices, technologies and policies.

Agroforestry crop rotation, the use of non-chemical fertilizers integrated post management.

Programme element 3 - Capacity-building

168. Has your country increased the capacities of farmers, indigenous and local communities, and their organizations and other stakeholders, to manage sustainable agricultural biodiversity and to develop strategies and methodologies for *In-situ* conservation, sustainable use and management of agricultural biological diversity?

- | | |
|--|---|
| a) No | |
| b) Yes (please specify area/component and target groups with increased capacity) | X |

Further comments on increased capacities of farmers, indigenous and local communities, and their organizations and other stakeholders.

Farmers field schools established in chiefdoms to train Farmers' Association members and Agricultural Business Unit.

169. Has your country put in place operational mechanisms for participation by a wide range of stakeholder groups to develop genuine partnerships contributing to the implementation of the programme of work on agricultural biodiversity?

- | | |
|--|---|
| a) No | |
| b) No, but potential mechanisms being identified | |
| c) No, but mechanisms are under development | |
| d) Yes, mechanisms are in place | X |

170. Has your country improved the policy environment, including benefit-sharing arrangements and incentive measures, to support local-level management of agricultural biodiversity?	
a) No	
b) No, but some measures and arrangements being identified	
c) No, but measures and arrangements are under development	X
d) Yes, measures and arrangements are being implemented (please specify below)	
Further comments on the measures taken to improve the policy environment.	
Decentralization of local administration and the adoption of participatory approaches to decision making on issues that affect local communities.	

Programme element 4 – Mainstreaming	
171. Is your country mainstreaming or integrating national plans or strategies for the conservation and sustainable use of agricultural biodiversity in sectoral and cross-sectoral plans and programmes?	
a) No	
b) No, but review is under way	
c) No, but potential frameworks and mechanisms are being identified	X
d) Yes, some national plans or strategies mainstreamed and integrated into some sectoral plans and programmes (please provide details below)	
e) Yes, some national plans or strategies mainstreamed into major sectoral plans and programmes (please provide details below)	
Further comments on mainstreaming and integrating national plans or strategies for the conservation and sustainable use of agricultural biodiversity in sectoral and cross-sectoral plans and programmes.	
The issues have been identified and potential frameworks and mechanisms are now being sought for integration/harmonization.	

172. Is your country supporting the institutional framework and policy and planning mechanisms for the mainstreaming of agricultural biodiversity in agricultural strategies and action plans, and its integration into wider strategies and action plans for biodiversity?	
a) No	
b) Yes, by supporting institutions in undertaking relevant assessments	
c) Yes, by developing policy and planning guidelines	X
d) Yes, by developing training material	
e) Yes, by supporting capacity-building at policy, technical and local levels	
f) Yes, by promoting synergy in the implementation of agreed plans of action and between ongoing assessment and intergovernmental processes.	
Further comments on support for institutional framework and policy and planning mechanisms.	
The elements have been incorporated in the National biodiversity strategies and action	

plants

173. In the case of centers of origin in your country, is your country promoting activities for the conservation, on farm, *In-situ*, and *Ex-situ*, of the variability of genetic resources for food and agriculture, including their wild relatives?

a) No

b) Yes (please provide details below)

X

Further comments on of the conservation of the variability of genetic resources for food and agriculture in their center of origin.

There is a rice research station nd livestock station created for that purpose.

Box LXV.

Please provide information concerning the actions taken by your country to implement the Plan of Action for the International Initiative for the Conservation and Sustainable Use of Pollinators.

None

Box LXVI.

Please elaborate below on the implementation of this programme of work and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

There has been a steady increase in output per unit area in food production. Sierra Leone was able to attain 60% of its food security drive from 2002 – 2007 considerably increasing farmers wellbeing.

Sierra Leone has made positive contribution towards achievement of the goals of the strategic plan of the convention by firstly signing and ratifying the treaty and secondly developing national strategies and action plans.

National awareness has been created and several sectors have incorporated biodiversity conservation into their strategic plans.

Strategies in the thematic areas are being implemented by respective section ministries and some priority projects have started receiving funding for implementation.

The biodiversity strategies and action plans have underscored poverty alleviation and the attainment of food security as vital to its success. The three are inter-related. Success in their attainment is major contribution to the millennium development goals.

Constraints: Absence of sustainable funding
 Weak legislative framework
 Lack of education/awareness about the usefulness of biodiversity

Insufficient data base and information gap.

Forest Biological Diversity

General

174. Has your country incorporated relevant parts of the work programme into your national biodiversity strategies and action plans and national forest programmes?

a) No

b) Yes, please describe the process used

X

c) Yes, please describe constraints/obstacles encountered in the process

d) Yes, please describe lessons learned

e) Yes, please describe targets for priority actions in the programme of work

Further comments on the incorporation of relevant parts of the work programme into your NBSAP and forest programmes

- National Tree Planting Exercise
- Gola Forest Conservation Concession Programme

Box LXVII.

Please indicate what recently applied tools (policy, planning, management, assessment and measurement) and measures, if any, your country is using to implement and assess the programme of work. Please indicate what tools and measures would assist the implementation.

- Forest Policy
- Community forestry Programmes that will allow interested communities take management and sustainable use responsibilities over their forest resources

Box LXVIII.

Please indicate to what extent and how your country has involved indigenous and local communities, and respected their rights and interests, in implementing the programme of work.

Community meetings

Box LXIX.

Please indicate what efforts your country has made towards capacity building in human and capital resources for the implementation of the programme of work.

Box LXX.

Please indicate how your country has collaborated and cooperated (e.g., south-south, north-south, south-north, north-north) with other governments, regional or international organizations in implementing the programme of work. Please also indicate what are the constraints and/or needs identified.

Expanded programme of work on forest biological diversity

Programme element 1 – Conservation, sustainable use and benefit-sharing

175. Is your country applying the ecosystem approach to the management of all types of forests?

a) No (please provide reasons below)

x

b) No, but potential measures being identified (please provide details below)

c) Yes (please provide details below)

Comments on application of the ecosystem approach to management of forests (including effectiveness of actions taken, lessons learned, impact on forest management, constraints, needs, tools, and targets).

176. Has your country undertaken measures to reduce the threats to, and mitigate its impacts on forest biodiversity?

Options	X	Details
a) Yes	x	Please specify below the major threats identified in relation to each objective of goal 2 and the measures undertaken to address priority actions
b) No		Please provide reasons below

Further comments on measures to reduce threats to, and mitigate the impacts of threatening processes on forest biodiversity (including effectiveness of actions taken, lessons learned, impacts on forest biodiversity, constraints, needs, tools and targets).

Loss of biodiversity mainly due to poor farming practices, mining, bush fires, infrastructural

development. Measures undertaken are as follows:

- Re-survey and redemarcation of forest reserve boundaries in critical areas by the erection of concrete pillars to serve as @Cut off points@ to prevent any further encroachment.
- The establishment of a network of 5 protected areas in representative ecosystem in the country. Modalities are now been put in place for approval and eventual implementation.

177. Is your country undertaking any measures to protect recover and restore forest biological diversity?

Options	X	Details
a) Yes	x	Please identify priority actions in relation to each objective of goal 3 and describe measures undertaken to address these priorities <ul style="list-style-type: none"> - Annual National Tree Planting Exercise/Enrichment planting - Joint Forest Ptrol
b) No		Please provide reasons below

Further comments on measures to protect, recover and restore forest biological diversity (including effectiveness of actions taken, lessons learned, impacts on forest biodiversity, constraints, needs, tools and targets).

178. Is your country undertaking any measures to promote the sustainable use of forest biological diversity?

Options	X	Details
a) Yes	x	Please specify priority actions in relation to each objective of goal 4 and describe measures undertaken to address these priorities <ul style="list-style-type: none"> - Grant supervise concessionary licences for controlled utilization of forest resources - Participatory approach to forest management.
b) No		Please provide reasons below

Further comments on the promotion of the sustainable use of forest biological diversity

(including effectiveness of actions taken, lessons learned, impacts on forest biodiversity, constraints, needs, tools and targets).

179. Is your country undertaking any measures to promote access and benefit-sharing of forest genetic resources?

Options	X	Details
a) Yes	x	Please specify priority actions in relation to each objective of goal 5 and describe measures undertaken
		Revenue collected is shared among all stakeholders (members of the local community and central government)
b) No		Please provide reasons below

Further comments on the promotion of access and benefit-sharing of forest genetic resources. (including effectiveness of actions taken, lessons learned, impacts on forest biodiversity, constraints, needs, tools and targets)

Programme element 2 – Institutional and socio-economic enabling environment

180. Is your country undertaking any measures to enhance the institutional enabling environment for the conservation and sustainable use of forest biological diversity, including access and benefit-sharing?

Options	X	Details
a) Yes	X	Please identify priority actions in relation to each objective of Goal 1 and describe measures undertaken to address these priorities
		Decentralization of forestry management and the adoption of participatory approach to decision making on issues that affect local communities.
b) No		Please provide reasons below

Further comments on the enhancement of the institutional enabling environment for the conservation and sustainable use of forest biological diversity, including access and benefit-sharing (including effectiveness of actions taken, lessons learned, impacts on forest biodiversity, constraints, needs, tools and targets).

181. Is your country undertaking any measures to address socio-economic failures and distortions that lead to decisions that result in loss of forest biological diversity?		
Options	X	Details
a) Yes	x	Please identify priority actions in relation to each objective of Goal 2 and describe measures undertaken to address these priorities Focusing on the management of natural forest
b) No		Please provide reasons below
Further comments on review of socio-economic failures and distortions that lead to decisions that result in loss of forest biological diversity (including effectiveness of actions taken, lessons learned, impacts on forest biodiversity, constraints, needs, tools and targets).		

182. Is your country undertaking any measures to increase public education, participation and awareness in relation to forest biological diversity?		
Options	X	Details
a) Yes	x	Please identify priority actions in relation to each objective of goal 3 and describe measures undertaken to address these priorities A number of Government and NGOs have intensified efforts to increase public awareness.
b) No		Please provide reasons below
Further comments on measures to increase public education, participation and awareness in relation to forest biological diversity (including effectiveness of actions taken, lessons learned, impacts on forest biodiversity, constraints, needs, tools and targets).		

Programme element 3 – Knowledge, assessment and monitoring		
183. Is your country undertaking any measures to characterize forest ecosystems at various scales in order to improve the assessment of the status and trends of forest biological diversity?		
Options	X	Details
a) Yes	x	Please identify priority actions in relation to each objective of Goal 1 and describe measures undertaken to address these priorities

		<ul style="list-style-type: none"> - Classification of forest types - Forest inventory in terms of species diversity, abundance/availability
b) No		Please provide reasons below
Further comments on characterization of forest ecosystems at various scales (including effectiveness of actions taken, lessons learned, impacts on forest biodiversity, constraints, needs, tools and targets).		

184. Is your country undertaking any measures to improve knowledge on, and methods for, the assessment of the status and trends of forest biological diversity?		
Options	X	Details
a) Yes	x	Please identify priority actions in relation to each objective of goal 2 and describe measures undertaken to address these priorities Lack of funds to undertake professional training
b) No		Please provide reasons below
Further comments on improvement of knowledge on and methods for the assessment of the status and trends (including effectiveness of actions taken, lessons learned, impacts on forest biodiversity, constraints, needs, tools and targets).		

185. Is your country undertaking any measures to improve the understanding of the role of forest biodiversity and ecosystem functioning?		
Options	X	Details
a) Yes	x	Please identify priority actions in relation to each objective of goal 3 and describe measures undertaken to address these priorities Centralization of all stakeholders on the importance of forest and its actual and potential contribution to national socio-economic development agenda as well as to improving the microclimate.
b) No		Please provide reasons below
Further comments on the improvement of the understanding of the role of forest biodiversity and ecosystem functioning (including effectiveness of actions taken, lessons learned, impacts on forest biodiversity, constraints, needs, tools and targets).		

186. Is your country undertaking any measures at national level to improve the infrastructure for data and information management for accurate assessment and monitoring of global forest biodiversity?		
Options	X	Details
a) Yes		Please identify priority actions in relation to each objective of goal 4 and describe measures undertaken to address these priorities
b) No	X	Please provide reasons below Financial constraints.
Further comments on the improvement of the infrastructure for data and information management (including effectiveness of actions taken, lessons learned, impacts on forest biodiversity, constraints, needs, tools and targets).		

Box LXXI.

<p>Please elaborate below on the implementation of this programme of work and associated decisions specifically focusing on:</p> <ul style="list-style-type: none"> a) outcomes and impacts of actions taken; b) contribution to the achievement of the goals of the Strategic Plan of the Convention; c) contribution to progress towards the 2010 target; d) progress in implementing national biodiversity strategies and action plans; e) contribution to the achievement of the Millennium Development Goals; f) constraints encountered in implementation.
<p>It can be observed that the actions so far on the ground make contributions to a – e referred to above.</p> <p>It is believed that with adequate capacities at the institutional and human levels and with funding, more progress/success can be achieved.</p>

Biological diversity of dry and sub-humid lands

187. Is your country supporting scientifically, technically and financially, at the national and regional levels, the activities identified in the programme of work? (decisions V/23 and VII/2)	
a) No	x
b) Yes (please provide details below)	
Further comments on scientific, technical and financial support, at the national and regional levels, to the activities identified in the programme of work.	

188. Has your country integrated actions under the programme of work of dry and sub-humid lands into its national biodiversity strategies and action plans or the National Action Programme (NAP) of the UNCCD? (decisions V/23, VI/4 and VII/2)	
a) No	
b) Yes (please provide details below)	x
Further comments on actions under the programme of work of dry and sub-humid lands integrated into national biodiversity strategies and action plans or the National Action Programme (NAP) of the UNCCD.	
The National Action Plan (NAP) is under development	

189. Has your country undertaken measures to ensure synergistic/collaborative implementation of the programme of work between the national UNCCD process and other processes under related environmental conventions? (decisions V/23, VI/4 and VII/2)	
a) No	
b) Yes, some linkages established (please provide details below)	x
c) Yes, extensive linkages established (please provide details below)	
Further comments on the measures to ensure the synergistic/collaborative implementation of the programme of work between the national UNCCD processes and other processes under related environmental conventions.	
An Action Plan has been developed through the National Capacity Self Assessment Needs Project for the implementation of UNCCD, UNFCCC, UNCBD.	

Programme Part A: Assessment	
190. Has your country assessed and analyzed information on the state of dryland biological diversity and the pressures on it, disseminated existing knowledge and best practices, and filled knowledge gaps in order to determine adequate activities? (Decision V/23, Part A: Assessment, Operational objective, activities 1 to 6)	
a) No	
b) No, but assessment is ongoing	
c) Yes, some assessments undertaken (please provide details below)	x
d) Yes, comprehensive assessment undertaken (please provide details below)	
Further comments on the relevant information on assessments of the status and trends and dissemination of existing knowledge and best practices.	
The NBSAP developed contained information on dryland biodiversity.	

Programme Part B: Targeted Actions

191. Has your country taken measures to promote the conservation and sustainable use of the biological diversity of dry and sub-humid lands and the fair and equitable sharing of the benefits arising out of the utilization of its genetic resources, and to combat the loss of biological diversity in dry and sub-humid lands and its socio-economic consequences? (part B of annex I of decision V/23, activities 7 to 9)

a) No	X
b) Yes, some measures taken (please provide details below)	
c) Yes, many measures taken (please provide details below)	

Further comments on the measures taken to promote the conservation and sustainable use of the biological diversity of dry and sub-humid lands and the fair and equitable sharing of the benefits arising out of the utilization of its genetic resources, and to combat the loss of biological diversity in dry and sub-humid lands and its socio-economic consequences.

192. Has your country taken measures to strengthen national capacities, including local capacities, to enhance the implementation of the programme of work?

a) No	
b) Yes, some measures taken (please provide details below)	X
c) Yes, comprehensive measures taken (please provide details below)	
d) Yes, all identified capacity needs met (please provide details below)	

Further comments on measures taken to strengthen national capacities, including local capacities, to enhance the implementation of the programme of work.

The implementation of the Gola Forest Conservation Concession Project has strengthen the capacity of the local communities to some levels, through workshops and radio discussions.

Box XXXII.

Please elaborate below on the implementation of this programme of work and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

If the work programme is integrated into national programmes, then adequate actions would be taken to address the concerns mentioned above.

Mountain Biodiversity

Programme Element 1. Direct actions for conservation, sustainable use and benefit sharing	
193. Has your country taken any measures to prevent and mitigate the negative impacts of key threats to mountain biodiversity?	
a) No	x
b) No, but relevant measures are being considered	
c) Yes, some measures taken (please provide details below)	
d) Yes, many measures taken (please provide details below)	
Further comments on the measures taken to prevent and mitigate the negative impacts of key threats to mountain biodiversity	

194. Has your country taken any measures to protect, recover and restore mountain biodiversity?	
a) No	
b) No, but some measures are being considered	x
c) Yes, some measures taken (please provide details below)	
d) Yes, many measures taken (please provide details below)	
Further comments on the measures taken to protect, recover and restore mountain biodiversity	
The implementation of the Protected Area Management Project would go a long way to protect, recover and restore Mountain Biodiversity.	

195. Has your country taken any measures to promote the sustainable use of mountain biological resources and to maintain genetic diversity in mountain ecosystems?	
a) No	x
b) No, but some measures are being considered	
c) Yes, some measures taken (please provide details below)	
d) Yes, many measures taken (please provide details below)	
Further comments on the measures to promote the sustainable use of mountain biological resources and to maintain genetic diversity in mountain ecosystems	

196. Has your country taken any measures for sharing the benefits arising from the utilization of mountain genetic resources, including preservation and maintenance of traditional knowledge?	
a) No	x
b) No, but some measures are being considered	
c) Yes, some measures taken (please provide details below)	
d) Yes, many measures taken (please provide details below)	
Further comments on the measures for sharing the benefits arising from the utilization of mountain genetic resources	

**Programme Element 2. Means of implementation for conservation,
sustainable use and benefit sharing**

197. Has your country developed any legal, policy and institutional framework for conservation and sustainable use of mountain biodiversity and for implementing this programme of work?

a) No	x
b) No, but relevant frameworks are being developed	
c) Yes, some frameworks are in place (please provide details below)	
d) Yes, comprehensive frameworks are in place (please provide details below)	

Further comments on the legal, policy and institutional frameworks for conservation and sustainable use of mountain biodiversity and for implementing the programme of work on mountain biodiversity.

198. Has your country been involved in regional and/or transboundary cooperative agreements on mountain ecosystems for conservation and sustainable use of mountain biodiversity?

a) No	x
b) No, but some cooperation frameworks are being considered	
c) Yes (please provide details below)	

Further information on the regional and/or transboundary cooperative agreements on mountain ecosystems for conservation and sustainable use of mountain biodiversity

**Programme Element 3. Supporting actions for conservation,
sustainable use and benefit sharing**

199. Has your country taken any measures for identification, monitoring and assessment of mountain biological diversity?

a) No	x
b) No, but relevant programmes are under development	
c) Yes, some measures are in place (please provide details below)	
d) Yes, comprehensive measures are in place (please provide details below)	

Further comments on the measures for identification, monitoring and assessment of mountain biodiversity

200. Has your country taken any measures for improving research, technical and scientific cooperation and capacity building for conservation and sustainable use of mountain biodiversity?

a) No	X
b) No, but relevant programmes are under development	
c) Yes, some measures are in place (please provide details below)	
d) Yes, comprehensive measures are in place (please provide details below)	

Further comments on the measures for improving research, technical and scientific cooperation and capacity building for conservation and sustainable use of mountain biodiversity

201. Has your country taken any measures to develop, promote, validate and transfer appropriate technologies for the conservation of mountain ecosystems?

a) No	X
b) No, but relevant programmes are under development	
c) Yes, some measures are in place (please provide details below)	
d) Yes, comprehensive measures are in place (please provide details below)	

Further comments on the measures to develop, promote, validate and transfer appropriate technologies for the conservation of mountain ecosystems

Box XXXIII.

Please elaborate below on the implementation of this programme of work and associated decisions specifically focusing on:

- a) outcomes and impacts of actions taken;
- b) contribution to the achievement of the goals of the Strategic Plan of the Convention;
- c) contribution to progress towards the 2010 target;
- d) progress in implementing national biodiversity strategies and action plans;
- e) contribution to the achievement of the Millennium Development Goals;
- f) constraints encountered in implementation.

E. OPERATIONS OF THE CONVENTION

202. Has your country actively participated in subregional and regional activities in order to prepare for Convention meetings and enhance implementation of the Convention? (decision V/20)	
a) No	
b) Yes (please provide details below)	X
Further comments on the regional and subregional activities in which your country has been involved.	
Regional workshop on sustainable use of biodiversity – Kenya – and Capacity Building	

203. Is your country strengthening regional and subregional cooperation, enhancing integration and promoting synergies with relevant regional and subregional processes? (decision VI/27 B)	
a) No	
b) Yes (please provide details below)	X
Further comments on regional and subregional cooperation and processes.	
Fouta Djallon biodiversity Conservation Project, Sustainable Management of West African Forests, Mano River Peace Park, Dev elopement of West African Coastal and Marine Areas (PRCM)	

The following question (204) is for DEVELOPED COUNTRIES

204. Is your country supporting the work of existing regional coordination mechanisms and the development of regional and subregional networks or processes? (decision VI/27 B)	
a) No	
b) No, but programmes are under development	
c) Yes, included in existing cooperation frameworks (please provide details below)	
d) Yes, some cooperative activities ongoing (please provide details below)	
Further comments on support for the work of existing regional coordination mechanisms and the development of regional and subregional networks or processes.	

205. Is your country working with other Parties to strengthen the existing regional and subregional mechanisms and initiatives for capacity-building? (decision VI/27 B)	
a) No	
b) Yes	X

206. Has your country contributed to the assessment of the regional and subregional mechanisms for implementation of the Convention? (decision VI/27 B)	
a) No	
b) Yes (please provide details below)	
Further comments on contribution to the assessment of the regional and subregional mechanisms.	
Sierra Leone is collaborating with Liberia and Guinea for the capacity building and sustainable management of the Mano River "Corridor" of forest bordering protected Areas.	

Box XXXIV.

Please elaborate below on the implementation of the above decisions specifically focusing on:
<ul style="list-style-type: none"> a) outcomes and impacts of actions taken; b) contribution to the achievement of the goals of the Strategic Plan of the Convention; c) contribution to progress towards the 2010 target; d) progress in implementing national biodiversity strategies and action plans; e) contribution to the achievement of the Millennium Development Goals; f) constraints encountered in implementation.
Sierra Leone has been approved for World Bank support for Biodiversity Conservation and Wildlife Protection Project for the development of 5 Protected Areas into national Parks to commence 2008.

F. COMMENTS ON THE FORMAT

Box XXXV.

Please provide below recommendations on how to improve this reporting format.
The format is very extensive and should be shortened to reflect progress towards National/Regional implementation and constraints to the CBD.
