

Thematic Report on Transfer of Technology and Technology Cooperation

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

Contracting Party:	Sri Lanka
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Date of submission:	

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

Transfer of Technology and Technology Cooperation

Inventory and assessment

1. Has your country developed an inventory of existing technologies or category of technologies, including from indigenous and local communities, for the conservation and sustainable use of biological diversity and its components, in all the thematic areas and cross-cutting issues addressed by the Convention?	
a) no	
b) an inventory under development	X
c) an inventory of some technologies available (please provide some details)	
d) yes, a comprehensive inventory available (please provide details)	
2. Has your country assessed the potential impacts of relevant technologies on biological diversity and their requirements for successful application?	
a) no	X
b) yes, please give some examples	
3. Has your country carried out an assessment of the needs for relevant technologies?	
a) no (please specify the reasons)	X (see below)
b) yes, and please specify the needs met and the needs not met for existing technologies and for new technologies	

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

4. In implementing the thematic programmes of work adopted by previous meetings of COP, has your country achieved the outcomes identified in these programmes of work through technology transfer and technology cooperation? (Decisions II/10, III/11, IV/6, IV/7 and V/4)	
a) no	X
b) yes, but only a few activities in some programmes	
c) yes, and a wide range of activities in many programmes of work	
d) if yes, please specify these activities and programmes of work	
5. Has your country undertaken technology cooperation with other Contracting Parties that lack the expertise and resources to assess the risks and minimize the negative impacts of introducing alien species? (Decision V/8)	
a) no	
b) yes – please give details below (including types of technology transferred, actors involved, terms for transfer and means of access to technology)	X (see below)
6. Has your country taken any steps or measures to facilitate transfer of technology to and technology cooperation with other Parties to develop and/or strengthen their capacity to implement the policy, program and practice for sustainable use of biological diversity? (Decision V/24)	
a) no	X
b) yes, please specify detailed measures and steps	

7. Could you provide examples or illustrations of benefit-sharing contractual agreements which have included technology cooperation and technology transfer as benefits to be shared? (Article 15)	
a) no	
b) yes	X (see below)
8. Has your Government taken measures, as appropriate, to ensure, as set out in the Article 16(3) that Contracting Parties providing genetic resources are provided access to and transfer of technology which makes use of those genetic resources? (Article 16)	
a) no	
b) yes, please provide some details	X (see below)
9. Have the taxonomic institutions in your country taken any initiatives in developing national priorities, both individually and regionally, in new technology? (Decision IV/1)	
a) no	
b) yes, in early stages of development	X (see below)
c) yes, in advanced stages of development	
d) yes, some initiatives in place and some priorities identified	
e) yes, comprehensive priorities identified	
10. Has your country been involved in technology development and/or transfer for the maintenance and utilization of ex situ collections? (Decision V/26)	
a) no	X (see below)
b) yes – please give details below (including types of technology transferred, actors involved, terms for transfer and means of access to technology)	
11. Has the clearing-house mechanism in your country been further developed in order to assist in obtaining access to information concerning access to and transfer of technologies? (Decision V/14)	
a) no	X
b) yes, please provide some examples	

Role of public and private sectors in technology transfer and technology

12. Do you know of any examples of technology partnerships between public R&D institutions from developing countries and private-sector firms from industrialized countries? If so, to what extent have these partnerships involved	
a) the training of developing country scientists in the application of new technologies for the conservation and utilization of genetic resources	X
b) information exchange on new scientific exchange and technological advances	X
c) providing various technology components to developing country partner institutions	
d) engaging in joint R&D?	X

13. Has your country taken any measures or developed any programmes to encourage the private sector or the public-private partnership to develop and transfer technologies for the benefit of governments and institutions of developing countries, including South-South cooperation?	
a) no	X
b) yes, please give details	
14. Have any type of incentives been established in your country to encourage the participation of the private sector in conservation and sustainable use activities as sources of new technologies and potential financiers of conservation programmes?	
a) no	
b) yes, please give details	X (see below)

Impact of intellectual property rights on technology transfer and technology cooperation

15. Are the technologies your country has accessed or wishes to access in the public domain or covered by intellectual property rights?	
a) public domain	
b) intellectual property rights	
c) both	X
16. Have intellectual property rights been a limiting factor in acquiring technologies for the conservation and sustainable use of biological diversity?	
a) no	
b) yes, please provide an example and specify the following: the type of technology sought (hard or soft technology); the area to which it is to be applied (e.g. forest, marine, inland waters, agriculture, etc.)	X (see below)

Capacity-building for technology transfer and technology cooperation

17. Have adequate institutional structures been established and/or is adequate human capacity available to access relevant technologies, in your country?	
a) no	X
b) yes	
18. What, if any, have been the limiting factors in implementing relevant technologies?	
a) institutional capacity	X
b) human capacity	X
c) others - please specify	
19. Does your country consider that access to information and training or lack thereof has been a limiting factor in access to and transfer of technology?	
a) no	
b) yes, please provide some examples	X

20. Has your country been able to identify relevant technologies in specific areas for the conservation and sustainable use of biological diversity in your country?	
a) no	
b) yes, please give details	X (see below)
21. Has your country developed national policy and established international and national institutions to promote technology cooperation, including through the development and strengthening of technical, human and institutional capabilities?	
a) no (please specify the reasons)	X (see below)
b) yes, please give some details or examples	
22. Has your country established joint research programmes and joint ventures for the development of technologies relevant to the objectives of the Convention?	
a) no	X
b) yes, please give some details or examples	

Measures for facilitating access to and transfer of technology

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

Success stories of and constraints to technology transfer and technology cooperation

25. Has your country identified any success stories and opportunities of and constraints to transfer of technology and technology cooperation?	
a) no	X
b) yes, please provide detailed information	

Further comments

Q. 3 a)	Due to lack of human resources and lack of systematic prioritizations of important aspects in conservation and sustainable utilization of biodiversity, an assessment of their need of relevant technologies has not initiated yet.
Q. 5 b)	<p>On going project on Integrated Management Solutions for Invasive Noxious Aquatic Weeds in wetlands in Sri Lanka. International expertise is involved in this FAO funded project.</p> <p>Objectives of the project:-</p> <ol style="list-style-type: none">1. Establishment of a coordinating committee to integrate the management of invasive noxious aquatic weeds.2. Strengthening the capacity of rearing realizing and monitoring the biological control agents.3. Increase the capabilities of field staff/community in realizing and monitoring of bio control agents.4. Raise public awareness. <p>Ministry of Environment and Natural resources, Department of Agriculture are involved in this project.</p>
Q. 7 b)	A Material Transfer Agreement has been drafted by the Ministry of Environment and Natural Resources. But the most of Benefit Sharing means are in financial terms.
Q. 8 b)	<p>Sri Lanka has drafted an agreement for the transfer of genetic resources from Sri Lanka to an overseas research collaborator. Objectives of this agreement are to provide the legal conditions for the access to genetic resources, and the equitable sharing of benefits arising from such access through collaborative research and development.</p> <p>A policy for Access to Genetic Resources and Benefit Sharing is under preparation by the Ministry of Environment and Natural Resources.</p>
Q. 9 b)	Ministry of Environment and Natural resources in collaboration with the National Museum planned to include animal collections/biorepositories in the National Museum.
Q. 10 a)	Planned to establish a new Zoological Garden and to allow private zoos by the Ministry of Environment and Natural resources together with the National Zoological Garden.
Q. 14 b)	<ol style="list-style-type: none">1. Lease land by the government, Forest Department of the Ministry of Environment and Natural resources.2. Provide incentives for private sector (Non Governmental Organizations) on conservation programmes as tree planting – mangroves, etc.
Q. 16 b)	Intellectual Property Rights Law of Sri Lanka not recognizes the most of innovations related to Biodiversity (farmers' rights, for seeds, breeders rights, etc.) and there is no provision for protecting traditional technologies and public domain.
Q. 20 b)	The Biodiversity Action Plan of Sri Lanka identifies the gaps of technology transfer in specific areas of biodiversity.
Q. 21 a)	<p>National Policy on Access to Genetic Resources and Benefit Sharing is under development by the Ministry of Environment and Natural resources.</p> <p>Policy on Science and Technology including technology cooperation has been developed by the Ministry of Science and Technology.</p>
