

Islamic Republic of Iran

Thematic Report on
Transfer of Technology and Technology Cooperation
for the
Convention on Biological Diversity

Prepared by:

NBSAP Secretariat

No: 9, Gha' em Magham Ave., Tehran 15899,

Islamic Republic of Iran

Tel: +98(21) 882 4513, Fax: +98(21) 883 1297

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Thematic Report on Transfer of Technology and Technology Cooperation

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

Contracting Party:	IRAN (Islamic Republic of)
National Focal Point	
Full name of the institution:	<i>Ministry of Foreign Affairs</i>
Name and title of contact officer:	<i>Mr. Bozorgmehr ZIARAN Director General for International Economic Affairs and Specialized Agencies</i>
Mailing address:	<i>Bldg. No:8 , Koushk St., Tehran, Islamic Republic of IRAN</i>
Telephone:	<i>+98(21) 311 2931</i>
Fax:	<i>+98(21) 6704176</i>
E-mail:	<u>Ziaran@ties.itu.int</u>
Contact officer for national report (if different)	
Full name of the institution:	<i>Department of Environment</i>
Name and title of contact officer:	<i>Mr. Anoushirvan NAJAFI Deputy Head for the Biodiversity and Natural Environment</i>
Mailing address:	<i>Pardisan Eco-Park, Hemmat Highway, Tehran, Islamic Republic of IRAN</i>
Telephone:	<i>+98(21) 826 9913</i>
Fax:	<i>+98(21) 826 9912</i>
E-mail:	<u>Najafi@abedi.net</u> <u>http://www.biodiversity.ir</u>
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Signature of officer responsible for submitting national report:	
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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.

The present document is the Thematic Report of the Islamic Republic of Iran on Transfer of Technology and Technology Cooperation to the Convention on Biological Diversity. It was drawn up with the support from the “National Biodiversity Strategy and Action Plan (NBSAP)” Project Secretariat, under the supervision of a Steering Committee, including representatives of Department of Administration and Planning, the Department of Environment, Ministry of Energy, Ministry of Foreign Affairs, Ministry of Interior, Ministry of Jihad-e-Keshavarzi, Ministry of Oil, Ministry of Science, Technology and Research, Biodiversity sub-committee of the National Committee for Sustainable Development (NCSD), University of Tehran and Environmentalists Association(NGO). the first national report for the CBD, a compendium report for the WSSD titled "Biodiversity Conservation Planning in Iran“ and some other official reports were used as basis for this 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	X
b) an inventory under development	
c) an inventory of some technologies available (please provide some details)	
d) yes, a comprehensive inventory available (please provide details)	
2. Has your country assessed the potential impacts of relevant technologies on biological diversity and their requirements for successful application?	
a) no	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 (Lack of resources.)
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	X
b) yes – please give details below (including types of technology transferred, actors involved, terms for transfer and means of access to technology)	
6. Has your country taken any steps or measures to facilitate transfer of technology to and technology cooperation with other Parties to develop and/or strengthen their capacity to implement the policy, program and practice for sustainable use of biological diversity? (Decision V/24)	
a) no	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	X
b) yes	
8. Has your Government taken measures, as appropriate, to ensure, as set out in the Article 16(3) that Contracting Parties providing genetic resources are provided access to and transfer of technology which makes use of those genetic resources? (Article 16)	
a) no	X
b) yes, please provide some details	
9. Have the taxonomic institutions in your country taken any initiatives in developing national priorities, both individually and regionally, in new technology? (Decision IV/1)	
a) no	
b) yes, in early stages of development	X
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	
b) yes – please give details below (including types of technology transferred, actors involved, terms for transfer and means of access to technology)	X <i>(Several Gene Banks, Natural History Museums and Botanical gardens are under development.)</i>
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	
b) yes, please provide some examples	X <i>(Some data banks and web-sites are under preparation.)</i>

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	
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?	
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 <i>(Biotechnology cooperation with some research institutes such as Iranian Organization of Science and Technology (IROST))</i>

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

Capacity-building for technology transfer and technology cooperation

17. Have adequate institutional structures been established and/or is adequate human capacity available to access relevant technologies, in your country?	
a) no	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	X <i>(Financial resources.)</i>

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 <i>(We have not a national reliable internet access to use many scientific resources. Some political pressure (such as sanctions) made difficulties to have on time access to the necessary information.)</i>
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	X
b) yes, please give details	
21. Has your country developed national policy and established international and national institutions to promote technology cooperation, including through the development and strengthening of technical, human and institutional capabilities?	
a) no (please specify the reasons)	
b) yes, please give some details or examples	X <i>(There are some cooperation through ECO & Islamic Conference Organization)</i>
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
