

*Thematic Report on Transfer of Technology and Technology Cooperation*

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

Contracting Party:	State of Qatar
<b><i>National Focal Point</i></b>	
Full name of the institution:	Supreme Council for the Environment and Natural Reserves (SCENR)
Name and title of contact officer:	Ghanim Abdullah Mohammed Director, Wildlife Conservation and Development Dept
Mailing address:	Doha, P.O. Box : 7634 State of Qatar
Telephone:	+974 4437171
Fax:	+974 4415246
E-mail:	gamohammad@qatarenv.org.qa
<b><i>Contact officer for national report (if different)</i></b>	
Full name of the institution:	Same as above
Name and title of contact officer:	
Mailing address:	
Telephone:	
Fax:	
E-mail:	
<b><i>Submission</i></b>	
Signature of officer responsible for submitting national report:	Electronic submission
Date of submission:	July 2007

*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.*

This report was prepared based on policy statements of the government issued on various occasions, inputs received from the research institutions and a few individual experts. A draft was prepared by the Supreme Council for Environment and Natural Reserves (SCENR) and circulated among a few experts within and outside SCENR and final report prepared based on the feedback received.

**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 (see further comments below)
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	
b) yes, please give some examples	X (see further comments below)
3. Has your country carried out an assessment of the needs for relevant technologies?	
a) no (please specify the reasons)	
b) yes, and please specify the needs met and the needs not met for existing technologies and for new technologies	X (see further comments below)

**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	
b) yes, but only a few activities in some programmes	X
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	
b) yes, please specify detailed measures and steps	X (see further comments below)
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 (see further comments below)
b) yes, please provide some details	
9. Have the taxonomic institutions in your country taken any initiatives in developing national priorities, both individually and regionally, in new technology? (Decision IV/1)	
a) no	
b) yes, in early stages of development	
c) yes, in advanced stages of development	X
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
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 (see further comments below)
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	
b) information exchange on new scientific exchange and technological advances	X (see further comments below)
c) providing various technology components to developing country partner institutions	
d) engaging in joint R&D?	X (see further comments below)

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	
b) yes, please give details	X (see further comments below)
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 further comments 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	X (see further comments)

(e.g. forest, marine, inland waters, agriculture, etc.).	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	
b) yes	X
18. What, if any, have been the limiting factors in implementing relevant technologies?	
a) institutional capacity	
b) human capacity	X (see further comments below)
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 (see further comments below)
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 (see further comments below)
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 (see further comments below)
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 (see further comments below)
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	
b) yes, please provide detailed information	X (see further comments below)

***Further comments***

<p><b>RE Q. 1 a)</b></p> <p>Various technologies are used in different areas of conservation, however a specific compilation of the same has not been done.</p> <p><b>RE Q. 2 b)</b></p> <p>The technological needs related to the understanding and conservation planning of the coral reefs is one example.</p> <p><b>RE Q. 3 b)</b></p> <p>This had been recognized in the context of activities in various fields, technologies related to the sustainable use, modern biotechnology tools in particular are needing.</p> <p><b>RE Q. 6 b)</b></p> <p>Although the state of technology related to biodiversity in Qatar is still in the process of advancement, the country does provide assistance to other Parties through ODA for development which also includes technology development. Qatar's ODA reached 0.7 % of its ODA in 2002, in 2003 \$ 126 million was provided as development assistance to developing countries. Qatar is also committed to supporting the South Fund for Development mooted at the Summit of G-77 held in Doha.</p> <p><b>RE Q. 8 a)</b></p> <p>Qatar seldom accesses genetic resources abroad in this context. If entities from the country do, they are</p>
---

required to do so as provided by the provisions of CBD.

**RE Q. 11 a)**

The portal of the Supreme Council for Environment and Natural Reserves provides information on the biodiversity of the country and related issues.

**RE Q. 12 b) and d)**

The Qatar Science and Technology Park set up in Doha is an effort to promote technology development in the country by involving private sector from abroad. Corporate entities from abroad set up their research centres at the Park, where basic infrastructure and economic incentives such as tax exemptions are provided. The developments in QSTP enhance b) and d), among other things.

**RE Q. 13 b)**

The establishment of the Qatar Science and Technology Park, mentioned under 12 above.

**RE Q. 14 b)**

Recognition and encouragement is given to the private sector in promoting the protection of marine habitats and critical species like the migratory marine turtles.

**RE Q. 16 b)**

Intellectual property rights remains an impediment in accessing advanced technologies.

**RE Q. 18 b)**

Human capacity still needs to be improved further.

**RE Q. 19 b)**

Development of biotechnology sector, for example, is constrained by inadequate access to relevant information and lack of training opportunities.

**RE Q. 20 a)**

This is one area where the Secretariat can play an important role- they could compile and update a list of such relevant technologies and the sources to access the same.

**RE Q. 21 b)**

The Qatar Science and Technology Park is a contribution in this respect.

**RE Q. 23 a)**

Qatar is more in the position of a country needing access to modern technology.

**RE Q. 25 b)**

The Qatar Science and Technology Park is one avenue where commercial firms from several countries undertake their technology development research, in cooperation with national counterparts. These firms



are provided the required basic facilities and an enabling policy and legal framework and it is beginning to show its expected positive results. Transfer of technology is often impeded by the inflexible terms required by the patent regimes abroad.

-----

Access to and transfer of technology is one of the key concerns of the Convention. However, a mechanism for its implementation is not available in most country's that are in a position to provide technologies, although the Convention requires Parties to take administrative, legislative and policy measures to implement the same. The Secretariat also should play a proactive role in this respect. Preparing a list of appropriate modern technologies and the sources to access the same within the framework of CBD, and updating it is one contribution the Secretariat can make in this respect. The forthcoming CoP may review how this provision of the Convention has been implemented and the problems confronted in implementing the same.

The State of Qatar is committed to allocate up to 2.8% of its GDP for science and technology research and development, and the country would particularly welcome greater international cooperation in this respect both with developed countries and Southern countries, particularly in the area of conservation and sustainable use of biodiversity.

-----