

SUBSIDIARY BODY FOR SCIENTIFIC AND TECHNOLOGICAL ADVICE  
Sixteenth session  
Bonn, 5–14 June 2002  
Agenda item 5

## **DEVELOPMENT AND TRANSFER OF TECHNOLOGIES**

### **Expert Group on Technology Transfer**

#### **Draft programme of work, 2002-2003**

## **I. INTRODUCTION**

### **A. Mandate**

1. By its decision 4/CP.7, the Conference of the Parties decided to establish an Expert Group on Technology Transfer (EGTT) to be nominated by the Parties. One of the stated objectives of the expert group was to enhance the implementation of Article 4, paragraph 5, of the Convention, inter alia, by analysing and identifying ways to facilitate and advance technology transfer activities and making recommendations to the SBSTA. The decision also indicated that the Expert Group would report on its work each year and propose a programme of work for the following year for decision by the Subsidiary Body for Scientific and Technological Advice (FCCC/CP/2001/13/Add.1).
2. The SBSTA, at its fifteenth session, took note of the experts that had been nominated by the Parties to serve on the Expert Group on Technology Transfer (FCCC/SBSTA/2001/8, para. 33(e)).
3. At the same session, the SBSTA requested the secretariat to organize a preparatory meeting of the Expert Group on Technology Transfer to enable it to develop a programme of work for further consideration by the SBSTA at its sixteenth session. The preparatory meeting of the Expert Group was held on 22 April 2002 at the office of the Korea Energy Management Corporation (KEMCO) in Seoul, Republic of Korea and its first meeting was held on 3 and 8 June 2002 in Bonn, Germany in conjunction with the SBSTA session.

### **B. Scope of the note**

4. This note presents the programme of work for the biennium 2002-2003 of the Expert Group on Technology Transfer. The programme of work as proposed in this note includes activities which the Expert Group believes can contribute to the successful implementation of the framework for meaningful and effective actions to enhance the implementation of Article 4.5 of the Convention contained in the annex to decision 4/CP.7 and to the advancement of technology transfer activities under the Convention.

## **II. CHARACTERISTICS OF THE EXPERT GROUP**

5. The Conference of the Parties, by its decision 4/CP.7, decided to adopt the framework for meaningful and effective actions to enhance the implementation of Article 4.5 of the Convention contained in the annex to that decision. The framework sets out the terms of reference of the Expert Group, as one of the mechanisms for technology transfer

### Definition

6. The mechanisms for technology transfer are to facilitate the support of financial, institutional and methodological activities:

(a) To enhance the coordination of the full range of stakeholders in different countries and the regions;

(b) To engage them in cooperative efforts to accelerate the development and diffusion, including transfer, of environmentally sound technologies, know-how and practices to and between Parties other than developed country Parties and other developed Parties not included in Annex II, particularly developing country Parties, through technology cooperation and partnerships (public/public, private/public, private/private);

(c) To facilitate the development of projects and programmes to support such ends.

### Purpose

7. The purpose of the mechanisms is to develop meaningful and effective actions to enhance the implementation of Article 4.5 of the Convention by increasing the transfer of and access to environmentally sound technologies and know-how.

### Functions

8. The functions are to provide scientific and technical advice on the advancement of the development and transfer of environmentally sound technologies and know-how under the Convention, including the preparation of an action plan to enhance the implementation of Article 4.5 of the Convention.

9. The terms of reference of the expert group appear in annex I to this note.

## **III. PROGRAMME OF WORK, 2002-2003**

10. The programme of work in annex II to this note includes six main areas: technology needs assessments, technology information, enabling environments, capacity-building, mechanisms and cross-cutting activities.

11. The work programme of EGTT will require additional support activities by the secretariat, which are not budgeted for in the present programme budget. The indicative additional resources required from supplementary funds to implement the EGTT work programme amount to about US\$ 400,000 (US\$ 200,000 on technical papers, US\$ 100,000 on a workshop and US\$ 100,000 for maintaining TT:CLEAR) over two years, excluding the organization of regional workshops to be implemented by other organizations.

**Annex I**

**TERMS OF REFERENCE OF THE EXPERT GROUP ON TECHNOLOGY TRANSFER**

1. The Expert Group on Technology Transfer shall have the objectives of enhancing the implementation of Article 4.5 of the Convention and advancing the technology transfer activities under the Convention.
2. The Expert Group shall analyse and identify ways to facilitate and advance technology transfer activities, including those identified in the annex to the decision 3/CP.7 on development and transfer of technologies and make recommendations to the Subsidiary Body for Scientific and Technological Advice.
3. The Expert Group shall report on its work each year and propose a programme of work for the following year for decision by the Subsidiary Body for Scientific and Technological Advice.
4. The members of the Expert Group shall be nominated by Parties for a period of two years and be eligible to serve two consecutive terms. The SBSTA shall ensure that half of the members of the Expert Group nominated initially shall serve for a period of three years, taking into account the need to maintain the overall balance of the group. Every year thereafter, half of the members shall be nominated for a period of two years. Appointment pursuant to paragraph 5 shall count as one term. The members shall remain in office until their successors are nominated. The members from three relevant international organizations shall serve on an issue-oriented basis.
5. If a member of the Expert Group resigns or is otherwise unable to complete the assigned term of office or to perform the functions of that office, the expert group may decide, bearing in mind the proximity of the next session of the COP, to request the group that had nominated the member to nominate another member to replace the said member for the remainder of that member's mandate. In such a case, the Expert Group shall take into account any views expressed by the group that had nominated the member.
6. The Expert Group on technology transfer shall elect annually a Chairman and Vice-Chairman from amongst its members, with one being a member from a Party included in Annex I and the other being a member from a Party not included in Annex I. The positions of the Chairman and Vice-Chairman shall alternate annually between a member from a Party included in Annex I and a member from a Party not included in Annex I.
7. The members of the Expert Group shall serve in their personal capacities and shall have expertise in any of the following areas, inter alia, greenhouse gas mitigation and adaptation technologies, technology assessments, information technology, resource economics and social development.

**Annex II**

**PROGRAMME OF WORK OF THE EXPERT GROUP ON TECHNOLOGY TRANSFER**

<b>Area</b>	<b>Proposed activities</b>	<b>Expected outcome</b>	<b>Time frame/ Completion date</b>
A. Technology needs assessments	1. Initiate collaboration with the Global Environment Facility, Climate Technology Initiative, and other interested Parties and organizations on expediting technical assistance to developing and transition countries for technology needs assessments.	Recommendation to the SBSTA to encourage international organizations to develop a procedure to expedite technology needs assessment.	SBSTA 17
	2. Review the progress of the technical assistance for technology needs assessment.		
	3. Support the preparation of a methodology document on technology needs assessment	Recommendation to the SBSTA to encourage UNDP-GEF support programme to complete the handbook for assessing technology needs, including dissemination to national climate change coordinators, in collaboration with countries and other organizations, e.g., CTI.	SBSTA 17

Area	Proposed activities	Expected outcome	Time frame/ Completion date
B. Technology information system	1. Design and implement an outreach programme for TT:CLEAR, and identify and analyse ways to facilitate access to technology information by intended users.	Enhancing the role of the existing national climate change focal points to include the role of technology information to ensure that TT:CLEAR is known to business and finance communities and technology transfer practitioners.	October 2002
		Presentation of the system at technology transfer related workshops, seminars and other relevant events.	Ongoing
	2. Assess options to deliver technology information to intended users, including through the Internet (e.g. development of Very Small Aperture Terminal (VSAT) technology as a means of providing access to the Internet) and/or other online and offline opportunities.	Recommendation to the SBSTA.	December 2002
	3. Conduct client surveys and assessments on the effectiveness of the use of TT:CLEAR. <sup>1</sup>	Compilation of clients' interests and identification of gaps.	October 2003
		Working paper on users' needs, information gaps and recommendations for improvements.	Draft June 2003 Final August 2003
		Paper with recommendations to the SBSTA.	SBSTA 19

<sup>1</sup> FCCC/SBSTA/2002/MISC.12, FCCC/SBSTA/2002/INF.6

Area	Proposed activities	Expected outcome	Time frame/ Completion date
	4. Study the needs, logistical implications and institutional arrangements associated with networking international technology clearing houses and networks of regional and national technology centres.  5. Update the information and maintain the existing TT:CLEAR system.	Recommendations to the SBSTA with regard to enhancing coordination on sharing technology information.  Updated information available to users.	Ongoing  Ongoing
C. Enabling environments	1. Prepare terms of reference for a technical paper on enabling environments.  2. Prepare a technical paper drawing on FCCC/TP/1998/1, the IPCC Special Report on Methodological and Technological Issues in Technology Transfer, the Third Assessment Report and other relevant reports.  3. Organize an EGTT workshop.  4. Organize side events/round table discussions during the sessions of the COP and the subsidiary bodies.	Agreed terms of reference.  Technical paper.  Workshop.  Improved understanding of these issues by participants at UNFCCC meetings.	2 <sup>nd</sup> EGTT meeting  3 <sup>rd</sup> EGTT meeting  April 2003  Ongoing
D. Capacity-building	1. Identify possible prioritized capacity-building activities on technology transfer.	Recommendations to the SBSTA on specific capacity-building activities and possible capacity-building programme.	SBSTA 18

Area	Proposed activities	Expected outcome	Time frame/ Completion date
	2. Further investigate the relationship with all capacity-building activities under the UNFCCC.	Informal paper.	2 <sup>nd</sup> EGTT meeting
E. Mechanisms	1. Assess current initiatives on technology transfer related to subregional, regional and international climate change related mechanisms and institutions.  2. Identify linkages and possible collaboration with other groups within the Convention (e.g., LDC Expert Group, Consultative Group of Experts, CDM Executive Board) and other conventions, as appropriate.  3. Identify ways to facilitate development of regional and subregional projects on research and development, including national systems of innovation and innovative options for development and transfer of technologies  4. Analyse ways to strengthen institutional capacities and promote networking of national focal points	Technical paper and recommendations to the SBSTA  Recommendations to the SBSTA.  Recommendations to the SBSTA.  Recommendations to the SBSTA.	SBSTA18  SBSTA18  SBSTA19  SBSTA18
F. Cross-cutting activities	1. Analyse the technology transfer component in the guidelines of the national communications and the National Adaptation Programmes of Action in relation to adaptation technologies  2. Analyse the types of international networks of stakeholders including business and financial	Recommendations to the SBSTA.  Technical paper and recommendation to the SBSTA.	SBSTA19  SBSTA19

Area	Proposed activities	Expected outcome	Time frame/ Completion date
	communities that need to be established/ strengthened to support effective technology transfer.		
	<p>3. Compile and synthesize information on capacity-building needs, enabling environments and technology information contained in national communications, needs assessments reports and under the technology transfer consultative process.</p> <p>4. Respond to needs for technology information, capacity-building, and programmes to create enabling environments identified during technology needs assessments.</p>	<p>Technical paper and possible recommendations to the SBSTA on enhancing reporting on enabling environments in both Annex I and non-Annex I Party national communications.</p> <p>Recommendation to the SBSTA on organizing regional workshops (Africa, Asia and the Pacific, Latin America and the Caribbean and Eastern Europe/former Soviet Union) to assess the use of the handbook for assessing technology needs and to improve access to information in existing global and regional networks and clearing houses.</p> <p>Recommendations for enhancement of existing technology information centres and networks.</p>	<p>SBSTA 19</p> <p>SBSTA 17</p>

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