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Agenda item 5

DEVELOPMENT AND TRANSFER OF TECHNOLOGIES

Draft conclusions proposed by the Chair

1. The Subsidiary Body for Scientific and Technological Advice (SBSTA) noted with appreciation the reports by its Chair and the secretariat on the expert workshop on technology information held from 18 to 19 April 2002 in Beijing, China (FCCC/SBSTA/2002/INF.6) and on the expert meeting on methodologies for technology needs assessments held from 23 to 25 April 2002 in Seoul, Republic of Korea (FCCC/SBSTA/2002/INF.7). It expressed its appreciation for the kind assistance provided by the Government of China and the Government of the Republic of Korea in hosting the expert workshop and meeting respectively.
2. The SBSTA took note of the oral reports provided by the Chair and Vice-Chair of the Expert Group on Technology Transfer (EGTT) and adopted its programme of work for the biennium 2002-2003 as contained in annex... It requested the EGTT, when implementing its programme of work, to take into account the views received from Parties during the session and to provide a brief report on the progress of its work to the SBSTA at its seventeenth session. The SBSTA noted the additional demands on the secretariat to support the work of the EGTT. It further noted that, subject to the availability of supplementary funding in the current biennium, the secretariat would be able to provide sufficient support to the work of the EGTT.
3. The SBSTA requested the EGTT to continue to take into account the IPCC Special Report on Technological and Methodological Issues in Technology Transfer and the relevant parts of the IPCC Third Assessment Report and other relevant initiatives in implementing its work programme.

4. The SBSTA invited the Parties and relevant international organizations in a position to do so, to provide support to the work of the EGTT as proposed in its work programme.

5. The SBSTA requested the Global Environment Facility through the Subsidiary Body for Implementation to provide information to the SBSTA at its eighteenth session on the status of financial support as requested in decision 4/CP.7, paragraph 3.

6. The SBSTA requested the secretariat, resources permitting:

(a) To initiate an outreach programme with the objective of making the technology information system developed by the secretariat available to the public and making the system more widely known to potential interested users, including the private sector and practitioners;

(b) To update the information and maintain the existing technology information system;

(c) To assess the effectiveness of use of the technology information system, including the identification of any information gaps, make recommendations for improvement, and provide a report to the SBSTA at its nineteenth session;

(d) To cooperate with the Global Environment Facility, the United Nations Development Programme, and other relevant organizations and initiatives such as the Climate Technology Initiative, in their planned activities to develop a simplified and user-friendly handbook on methodologies for technology needs assessments and to report on its findings to the SBSTA at its eighteenth session.

Annex

EXPERT GROUP ON TECHNOLOGY TRANSFER

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 programme of work

4. This document 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 document 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.

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 appendix I to this document.

III. PROGRAMME OF WORK, 2002-2003

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

11. The work programme of the 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.

Appendix 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 4/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.

Appendix II

PROGRAMME OF WORK OF THE EXPERT GROUP ON TECHNOLOGY TRANSFER

Area	Proposed activities	Expected outcome	Time frame/ Completion date
A. Technology needs assessments	<ol style="list-style-type: none"> 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. 2. Review the progress of the technical assistance for technology needs assessment. 3. Support the preparation of a methodology document on technology needs assessment. 	<p>Recommendation to the SBSTA to encourage international organizations to develop a procedure to expedite technical assistance to developing and transition countries for technology needs assessments.</p> <p>Recommendation to the SBSTA.</p> <p>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.</p>	<p>SBSTA17</p> <p>SBSTA17</p> <p>SBSTA17</p>

Area	Proposed activities	Expected outcome	Time frame/ Completion date
B. Technology information system	<ol style="list-style-type: none"> 1. Design and implement an outreach programme for TT:CLEAR, and identify and analyse ways to facilitate access to technology information by intended users. 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 means and opportunities. 3. Conduct client surveys and assessments on the effectiveness of the use of TT:CLEAR.¹ 	<p>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.</p> <p>Presentation of the system at technology transfer related workshops, seminars and other relevant events.</p> <p>Recommendation to the SBSTA.</p>	<p>October 2002</p> <p>Ongoing</p> <p>SBSTA18</p>
		<p>Compilation of clients' interests and identification of gaps.</p> <p>Working paper on users' needs, information gaps and recommendations for improvements.</p> <p>Paper with recommendations to the SBSTA.</p>	<p>October 2003</p> <p>Draft June 2003 Final August 2003</p> <p>SBSTA19</p>

¹ FCCC/SBSTA/2002/MISC.12, FCCC/SBSTA/2002/INF.6

Area	Proposed activities	Expected outcome	Time frame/ Completion date
	<ol style="list-style-type: none"> 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. 	<p>Recommendations to the SBSTA with regard to enhancing coordination on sharing technology information.</p> <p>Updated information available to users.</p>	<p>Ongoing</p> <p>Ongoing</p>
C. Enabling environments	<ol style="list-style-type: none"> 1. Prepare terms of reference for a technical paper on enabling environments. 2. Organize a workshop on enabling environments for technology transfer to seek inputs for the technical paper prepared by the EGTT. 3. 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. 4. Organize side events/round table discussions during the sessions of the COP and the subsidiary bodies. 	<p>Agreed terms of reference.</p> <p>Workshop.</p> <p>Technical paper.</p> <p>Improved understanding of these issues by participants at UNFCCC meetings.</p>	<p>2nd EGTT meeting in conjunction with SBSTA17</p> <p>March/April 2003</p> <p>3rd EGTT meeting in conjunction with SBSTA18</p> <p>Ongoing</p>
D. Capacity-building	<ol style="list-style-type: none"> 1. Further investigate the relationship with all capacity-building activities under the UNFCCC. 	<p>Informal paper prepared by the secretariat to facilitate the work of the EGTT.</p>	<p>2nd EGTT meeting in conjunction with SBSTA17</p>

Area	Proposed activities	Expected outcome	Time frame/ Completion date
	2. Identify possible prioritized capacity-building activities on technology transfer.	Recommendations to the SBSTA on specific capacity-building activities and possible capacity-building programme.	SBSTA18
E. Mechanisms	<ol style="list-style-type: none"> 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. 	<p>Technical paper and recommendations to the SBSTA.</p> <p>Recommendations to the SBSTA.</p> <p>Recommendations to the SBSTA.</p> <p>Recommendations to the SBSTA.</p>	<p>SBSTA18</p> <p>SBSTA18</p> <p>SBSTA19</p> <p>SBSTA18</p>

Area	Proposed activities	Expected outcome	Time frame/ Completion date
F. Cross-cutting activities	<ol style="list-style-type: none"> 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 communities that need to be established/strengthened to support effective technology transfer. 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. 4. Respond to needs for technology information, capacity-building, and programmes to create enabling environments identified during technology needs assessments. 	<p>Recommendations to the SBSTA.</p> <p>Technical paper and recommendation to the SBSTA.</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/thematic networks and clearing houses.</p> <p>Recommendations for enhancement of existing technology information centres and networks.</p>	<p>SBSTA19</p> <p>SBSTA19</p> <p>SBSTA 19</p> <p>SBSTA 17</p>
