

Update on Progress on Technology Transfer under the UNFCCC

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Relevant provisions of the UNFCCC

“The developed countries and other developed countries in Annex II shall take all practicable steps to promote, facilitate and finance, as appropriate, the transfer of or access to environmentally sound technologies and know how to other Parties, particularly developing country Parties, to enable them to implement the provisions of the Convention.”...

Article 4.5

Relevant provisions of the UNFCCC

“The extent to which developing country Parties will effectively implement their commitments under the Convention will depend on the effective implementation by developed country Parties of their commitments related to financial resources and transfer of technology...”

Article 4.7

Marrakech Accord

The Parties reached a consensus:

- To adopt the framework for meaningful and effective actions to enhance the implementation of Art. 4.5 of the Convention.
- To establish an Expert Group on Technology Transfer.
- To provide financial support to TT activities through GEF climate change focal area and the special climate change fund.

The Technology Transfer Framework

- Five key themes and areas are:
 - Technology needs and needs assessments
 - Technology information
 - Enabling environments
 - Capacity Building
 - Mechanisms for technology transfer

The Expert Group on Technology Transfer (EGTT)

- The EGTT was established as part of the technology transfer framework and the Marrakech Accords (decision 4/CP.7)
- The EGTT comprises 20 members (three from each of the Africa, Asia and the Pacific and the Latin America and the Caribbean regions, one from AOSIS, seven from AI Parties, and three from IGOs (to be invited on issues oriented basis)

Technology Needs Assessments

- 94 countries conducted technology needs assessments;
- Funding are provided under the top-up of the enabling activities;
- Some countries gained support from other sources such as CTI

Technology Needs Assessments

- A workshop on Methodologies for TNAs was organized in Seoul in 2002
- Handbook for conducting the assessments was developed by UNDP-GEF in cooperation with CTI and the EGTT;
- Regional training workshops on TNAs were organized by CTI

Technology Needs Assessments

- About 23+1 countries so far completed their assessments;
- Synthesis report of TNAs was presented to SBSTA 24;
- Next steps – technology needs to be reported as part of the second NCs of NAI Parties;
- EGTT is collaborating with the CGE on reporting format to be considered by SBI 26

Technology Information

- A workshop on technology information was organized in Beijing in 2001;
- The Convention secretariat designed and developed a web-based technology transfer information system/clearing house (TT:CLEAR);
- Complements and works with existing web sites and clearing houses of other relevant international organizations and national/regional technology information centres;

Technology Information

- TT:CLEAR acts as a gateway for fast access to up-to-date information on the latest technology transfer projects and case studies of successful technology transfer, environmentally sound technologies and know-how;
- Information on financial resources and options for funding would be included;

TT:CLEAR (http://ttclear.unfccc.int)

- Includes an innovative search engine

The screenshot displays the TT:CLEAR web application interface within a Microsoft Internet Explorer browser window. The browser title is "TT:CLEAR - Technology Transfer Clearing House - Microsoft Internet Explorer provided by SoftQuad Software Inc.". The page header includes the "TECHNOLOGY" logo and navigation links: "What's New", "The Secretariat", "Programmes", "Resources", "Sessions", and "Press". A secondary navigation bar contains "Home Page", "Recent Documents", "Events", "Feedback", and "Disclaimer".

The main content area is titled "Projects Selection" and features a "Quick Links" section with a dropdown menu set to "EU" and a "Go" button. A left-hand navigation tree lists various categories such as "Overview", "Negotiations", "Needs assessment", "Information", "Projects", "ESTs", "Organizations", "Contacts", "Info Sources", "Patents databases", "Data services", "Enabling environments", "Capacity building", "Expert group", "Methods", "Assistance", "Links", "Network", "Forum", "Site info", and "Admin".

The "Selection Criteria" section includes the following options:

- Donor Country/Org: AUSTRALIA (Limit to: Annex II Organizations All)
- Recipient Country/Reg: AFGHANISTAN
- Implementing Agency: ADEME
- Title/Descr. Contains: [Empty text box]

The "Search*" section includes:

- UNFCCC-TTProjects
- GEF-Projects
- OECD-CRS/o
- IEA-CADDET
- UNEP-maESTro
- UNFCCC-CB Activities

The "Options" section includes:

- Sector: Unknown
- Project Status: Unknown
- Assistance Type: Unknown
- Markers: Technology Transfer All Data
- Information Source: Unknown
- Focal Area: Climate Change
- Project Type: All
- Operational Program: All
- GEF Project Financing: Less Than \$ [Empty] Millions
- Markers: Climate Change Environmental All Data
- Issues: Unknown
- Criteria: Unknown

Additional controls include "Max results: 100" and radio buttons for "On-line access" (selected) and "Backup catalogue". A note at the bottom states: "*Use Quick Links (left) to access directly these databases". The interface concludes with "Search" and "Reset" buttons, and a "Help" button in the bottom right corner.

Technology Information

- A user survey was conducted in 2004 and additional guidance was given to the secretariat for continuing its work on TT:CLEAR;
- A pilot project on networking between TT:CLEAR and three regional technology information centres in developing countries are being undertaking;

Enabling Environments for Technology Transfer

- Workshop on enabling environments for technology transfer was organized in Ghent in 2003 and its report was considered at SBSTA 18;
- Technical paper on enabling environments for technology transfer was prepared for consideration by SBSTA 18;
- Business and industries were encouraged to organize sector specific workshops;

Enabling Environments for Technology Transfer

- Senior-level round-table discussion on enabling environments for technology transfer was organized at COP9 in 2004;
- An event on enabling environments for technology transfer was organized by the business and industries at SB21.

Emerging two new areas of work in 2004

- Innovative options for financing the development and transfer of technology;
- Technologies for adaptation to climate change

Innovative Financing

- Two workshops were organized, one in Montreal in 2004 and one in Bonn in 2005;
- One background paper was prepared by the secretariat for the Montreal workshop;
- Bonn workshop report was submitted for consideration by SBSTA 24;

Innovative Financing

- Technical paper was prepared for consideration by SBSTA25;
- Practitioner's guide is being prepared and to be published in English, French and Spanish for dissemination at COP12.

Existing Opportunities

- UNFCCC Financial Mechanism : GEF (Trust Fund, Special Climate Change Fund, and LDC Fund), and Adaptation Fund;
- Other Multilateral and Bilateral Assistant Programmes and Initiatives;
- Private Sector Investment;
- Kyoto Mechanisms: CDM and JI

Key Challenges

- How to take ongoing activities in particular the results of TNAs forward?
- Who could be our key partners and players in this effort?
- What role the CTI can play in supporting future activities?