

SUBMISSION BY THE LEAST DEVELOPED COUNTRIES

GROUP ON DEVELOPMENT AND TRANSFER OF

TECHNOLOGY

Preamble and Principles

Recognizing that climate change poses a serious threat to social and economic development of all Parties and noting that the SIDS and LDCs are particularly most vulnerable to impacts of adverse effects of climate change and that these groups of countries will suffer disproportionately;

Recognizing also the urgency and the immediacy of the climate change problem the Parties agreed on a legally binding Adaptation Framework as set out in subsequent sections;

Noting the continuing growth in greenhouse gas emissions, particularly high rate of growth in major developing countries;

Aware that such growth will significantly contribute to increasing concentration level of GHGs in the atmosphere with serious potential consequence;

Guided by the Climate Change Convention, particularly its principles and paragraphs 1,3,4,5,7 and 9 of Article 4 and the principle of learning by doing;

Guided also by the best available science;

The Technology Action Framework is hereby established.

The objective of the Technology Action Framework is to promote low carbon growth, particularly in developing countries and enhance resilience of communities, particularly in LDCs through support of concrete actions on development and wide diffusion of mitigation and adaptation technologies.

Elements of the Adaptation Framework

The elements of the Technology Action Framework are described in the subsequent sections.

a) Development and Transfer of Mitigation Technologies

The Technology Action Framework will include but not limited to the following concrete actions:

Existing mitigation technologies

- Developed country Parties shall address the issue of intellectual property rights in the context of complying with their commitments under the Convention;
- Remove and facilitate access to mitigation technologies, including publicly funded technologies;
- Promote wide diffusion of existing mitigation technologies including energy efficiency and renewable technologies at a scale similar to the information communication technologies (ICT). Strong and bold decisions are needed to realize this;
- Facilitate and support access to existing clean technologies to support development needs of major developing countries; and
- Facilitate capacity building as an integral part of technology transfer through provision of financial resources and where necessary technical assistance;

Future mitigation technologies

- Stimulate research into future technologies through public funding;
- Stimulate, encourage and promote research, development and production of future mitigation technologies, including appropriate REDD technologies, through cooperation with private sector, identified and selected through open and transparent competitive international bidding process;
- Diffuse such emerging technologies at non-commercial rates;
- Encourage and promote south to south technology development and cooperation;
- Create conducive environment to promote partnership with the private sector to undertake the above actions.

b) Development and Transfer of Adaptation Technologies

The Technology Action Framework will include but not limited to the following concrete actions:

Existing adaptation technologies

- Undertake an inventory of existing adaptation technologies in developing countries, including its state of current production;
- Promote wide dissemination of existing adaptation technologies within similar regions;
- Strengthen institutional and technical capacity of research and academic institutions, including re-orienting research programmes;

Future adaptation technologies

- Stimulate and promote research, development and production of future adaptation technologies;
- Encourage and promote south to south technology development and cooperation;
- Promote wide diffusion of emerging adaptation technologies in similar climates; and
- Promote cooperation among research and development activities among developing countries.

c) Technology Institutional Framework

The Technology Institutional Framework will comprise of a Technology Committee and Technology Panel.

The Technology Committee

The Technology Committee shall be serviced by a strengthened professional secretariat and its key function shall include:

- Advise the COP on technology policy issues;
- Identifies areas of cooperation with private sector and makes recommendations to the COP for action;
- Reviews and decides on technology investments;
- Reviews and approves technology funding requests;
- Review progress of implementation of the Technology Action Programme;
- Approves procedures and modalities for technology cooperation with private sector; and

- Approves hiring of Technology Panel Experts. The Technology Panel Experts to the extent possible shall come from the different UN regions.

The Technology Panel

The functions of the Technology Panel will include:

- Advises the Technology Committee on development and transfer of technologies;
- Develops draft procedures and modalities for development and transfer of technologies
- Identifies and compiles emerging technologies, including their state of development and advise the Technology Committee on appropriate line of action; and
- Reviews request for funding technologies, including development of technologies from developing countries and advise the Technology Committee.

e) **The Financial Mechanism**

A technology window, established in the new financial mechanism under the control of the COP, shall support implementation of concrete and practical technology activities elaborated above.