

## **SUBMISSION BY GOVERNMENT OF INDIA ON DEVELOPMENT AND TRANSFER OF TECHNOLOGIES UNDER THE CONVENTION**

*The Conference of the Parties,*

*Recalling* chapter 34 of Agenda 21 and the relevant provisions of the programme for the further implementation of Agenda 21 on the transfer of environmentally sound technologies adopted by the United Nations General Assembly at its nineteenth special session,

*Recalling* the relevant provisions of the Convention, in particular Article 4, paragraphs 1, 3, 5, 7, 8 and 9, Article 9, paragraph 2(c), Article 11, paragraphs 1 and 5, and Article 12, paragraphs 3 and 4,

*Recalling* decisions 13/CP.3, 4/CP.7, 6/CP.10, 6/CP.11, 3/CP.12 and 1/CP.13,

*Recognizing* that there is a crucial need to accelerate innovation in the development, deployment, adoption, diffusion and transfer of environmentally sound technologies among all Parties, and particularly from Annex II Parties to non-Annex I Parties,

*Further recognizing* that current institutional arrangements, access to financing and suitable indicators for monitoring under the Convention for the implementation of Article 4, paragraph 5, are limited and should be enhanced to deliver immediate and urgent technology development, deployment, diffusion and transfer to non-Annex I Parties,

*Further recognizing* the barriers to technology transfer and trade, and highlighting the urgency for access of advanced clean technologies to non-Annex I Parties, while balancing rewards for innovators with the common good of humankind, including jointly developed technology and intellectual property rights (IPR) sharing.

*Further recognizing* that the immediate and urgent delivery of technology development, deployment, diffusion and transfer to non-Annex I Parties requires suitable responses, including a continued emphasis by all Parties on the enhancement of enabling environments, facilitating access to technology, financing that leverages private sector financial resources,

1. *Agrees* to establish an arrangement for the purposes of providing financial and technical co-operation, including the transfer of technologies to non-Annex I Parties pursuant to Article 4, paragraph 5, to enable mitigation and adaptation actions and approaches under the relevant paragraphs of decision 1/CP.13. The arrangement shall meet the costs incurred by such Parties in order to enable these actions.

2. *Decides* that the categories of full costs met by the arrangement shall include, inter alia:

- (a) Procurement of technologies for adaptation to the adverse effects of climate change
- (b) Research, development and demonstration of new adaptation and mitigation technologies
- (c) Guarantees on foreign direct investment for adaptation and mitigation technologies
- (d) Capacity-building to manage and generate technological change and enhance absorptive capacity
- (e) Commercialization of new and emerging technologies, *inter alia*:
  - i. Venture capital, with public investment leveraging private capital markets for emerging adaptation and mitigation technologies;
  - ii. Research and development of new adaptation and mitigation technologies, financed by venture capital and other sources
  - iii. Joint development of adaptation and mitigation technologies

3. *Decides* that the categories of full incremental costs met by the arrangement shall include, *inter alia*:

- (a) Creation of manufacturing facilities for adaptation and mitigation technologies, including *inter alia*:
  - i. Compulsory licensing, cost of patents, designs, and royalties;
  - ii. Cost of conversion of existing manufacturing facilities or of establishing new facilities;
  - iii. Cost of research and development activities, including joint research, development and demonstration
  - iv. Technology adaptation
  - v. Cost of retraining and dissemination of know-how;
  - vi. Operational costs; and
  - vii. Cost of monitoring and verification.
- (b) Procurement of adaptation and mitigation technologies, including software and hardware, *inter alia*:
  - i. Cost of premature modification or of replacement of existing equipment, as well as the cost of new equipment;

- ii. Cost of retraining and dissemination of know-how;
- iii. Cost of technical assistance for the design, installation, and stable operation of the technology;
- iv. Cost of fuel and other operational costs;
- v. Cost of monitoring and verification.

4. *Decides* that the list of categories of costs, in paragraph 2 and 3 above, eligible for support by the arrangement can be modified by the Conference of the Parties.

5. *Decides* that the arrangement shall monitor activities, using performance indicators, and periodically report to the COP on the performance assessment of the activities supported by the arrangement, including, *inter alia*, the speed of technology flows and the range and effectiveness of technologies transferred, with a view to measuring, reporting and verifying the results of the arrangement.

6. *Decides* that the arrangement established under paragraph 1 shall include an Executive Board of Technology, as a subsidiary body as established in accordance with Article 7(2)(i), a Technology Fund which shall be a window of the financial mechanism under the UNFCCC, and a Secretariat, who shall operate under the authority of the Conference of the Parties, and who shall decide on its overall policies.

7. *Agrees* that the Executive Board of Technology shall develop strategy and technology action plans, and monitor the implementation of specific operational policies, guidelines and administrative arrangements, including the disbursement of resources, for the purpose of achieving the objectives of the Technology Fund, taking into account, the cost-effectiveness of the proposed activities, as well as the potential for their replicability, and the cost-sharing by project beneficiaries.

8. *Agrees* that the Executive Board of Technology shall elaborate modalities and procedures for implementation to report for adoption by the Conference of the Parties at its sixteenth session.

9. *Decides* that the Executive Board of Technology shall recommend a work programme based on the expected assessed contributions to the Technology Fund for each 3-year period.

10. *Decides* that the members of the Executive Board of Technology shall be elected by the Conference of the Parties on the basis of a balanced representation of non-Annex I Parties and Annex I Parties.

11. *Agrees* that a new branch of the UNFCCC Secretariat shall support and facilitate the activities of the Executive Board of Technology, and shall be accountable to it.

12. *Decides* that the Technology Fund shall meet the costs incurred by such Parties in order to enable the actions specified in paragraph 2 and 3 above and other decisions of the Conference of the Parties, as well as the administrative costs of the Executive Board of Technology, and the Secretariat.

13. *Decides* that resources under the Technology Fund shall be disbursed with the concurrence of the beneficiary Party.