

Realizing the full potential of technology

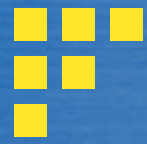
Presentation by India

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Technology is central to addressing Climate Change

- Technology is key for achieving a climate-resilient, low-carbon growth pathway
- Technology transfer has been a part of the UNFCCC process from the outset, but the actual achievements are limited
- Technology transfer is one of the pillars of the Bali Action Plan, and measurable and verifiable technology transfer is, *inter alia*, a precondition to nationally appropriate mitigation actions in developing countries
- We need to **accelerate** the process of technology development, transfer and deployment for enabling adaptation & mitigation



Realizing the full potential of technology will require...

- Mechanisms across all the stages of the technology cycle
 - Not a question of transfer alone, but of generating new technologies as well
- Research
- Development
- Deployment:
 - New technologies: transfer of technology and know-how aided by a suitable IPR regime
 - For technologies owned by the private sector in developed countries, the respective governments could compensate the owners for their transfer & deployment in developing countries
 - Mature technologies: appropriate financing models



Accelerating research

- S&T collaboration
 - Facilitating collaboration at the scientist & institutional level including South-South collaboration
 - Networks of centers of excellence in research, development and pilot testing of identified climate-relevant technologies through public-private partnerships
- Strengthening research in the public domain
 - Open platforms for collaboration & sharing



Accelerating development

- Joint development with IPR sharing
 - Consortia involving the private sector
 - Financing structures with cost-sharing
- Venture capital fund with global sourcing of resources for early-stage technology



Accelerating transfer & diffusion

- Technology transfer arises out of a specific responsibility of Parties under the Convention without any requirement of reciprocity
 - Distinct from the purely market-based transfer arrangements
- Global financing arrangements required
 - Global public procurement of IPRs
 - Ensuring affordability of the products & services