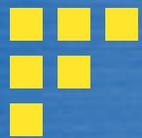


# Realizing the full potential of technology

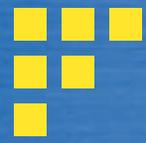
Presentation by India

Workshop on Technology Transfer  
Bonn, 3<sup>rd</sup> June 2008



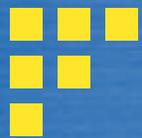
# Technology is central to addressing Climate Change

- 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



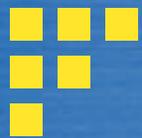
# Realizing the full potential of technology will require...

- 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



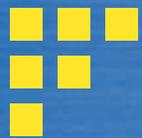
# Accelerating research

- 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