

- **The analysis presented here leaves no doubt that there is a need for a global technology facilitation mechanism under UN auspices.**

- United Nations, General Assembly, *Options for a facilitation mechanism that promotes the development, transfer and dissemination of clean and environmentally sound technologies. Report of the Secretary-General, A/67/348, 2012, para. 85*

# Scope of the Technology mechanism

- Not only environmental but technology in a broader sense
- The full technology life cycle from R&D to Demonstration, Market formation and Diffusion.

# Tasks/functions

- **Notes from co-moderators on the 1st and 2nd dialogues...**

# Innovation-incentives

- Arguably, the [patent] system in many countries has moved from its original objective of stimulating innovation through the provision of incentives to innovators, to preventing new domestic and foreign market entrants, an increasing number of which are from developing countries.
- United Nations, General Assembly, *Options for a facilitation mechanism that promotes the development, transfer and dissemination of clean and environmentally sound technologies. Report of the Secretary-General, A/67/348, 2012, para. 21.*

# Innovation

- **Direct grants (including support to early adopters)**
- **Milestone Prizes and End Prizes**
- **New international instruments (pooled funds, etc.)**
- **Open Innovation**

# Open innovation

- Open collaboration provides new opportunities to poorer countries and improves the efficiency of global cooperation in RD&D. Making most future technology cooperation frameworks “open” might prove the cheapest option to improving RD&D to the benefit of all.

# Technology transfer

- Process of movement of technology from one party to another that allows for its *absorption*, *adaptation* and further *improvement*: effective *learning*

- a) technologies in the public domain:  
technical assistance and training
- 
- b) technologies subject to intellectual property rights: patent pools, voluntary and compulsory licenses



# Technology assessment

- transfer or dissemination of technologies appropriate and useful for end-user developing country (cost-effective, easy to operate, reliable)
  - environmentally sound
  - economically useful (promotes economic development)
  - socially beneficial

# Institutional arrangement

- **The mechanism should be either part of or under intergovernmental direction of the High-level political forum [on Sustainable Development], in order to ensure global coordination.**
- *United Nations, General Assembly, Options for a facilitation mechanism that promotes the development, transfer and dissemination of clean and environmentally sound technologies. Report of the Secretary-General, A/67/348, 2012, para. 85*