

Session 2 of the AWG-LCA: Workshop



Development and Transfer of Technology

Key issues are
Development, Transfer, Deployment, Access,
Acceptability, Affordability

Availability of Technologies in
North and South

By
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On behalf of LDC

Technology Needs and Scale of Development

- Mitigation: scale of technology development and transfer will depend on future reduction commitment target and participation of different parties
 - Technology transfer from North to South should not promote transfer of old-aged and inefficient technologies
- Adaptation: technologies for adaptation will dependent on level of vulnerability of different countries, the sector-wide vulnerability and existing adaptive capacity
 - Many technologies for adaption can be built on existing experiences in developing countries, some of these technologies will required to be scaled up.

Priorities for LDCs in Technology Transfer

■ On Mitigation

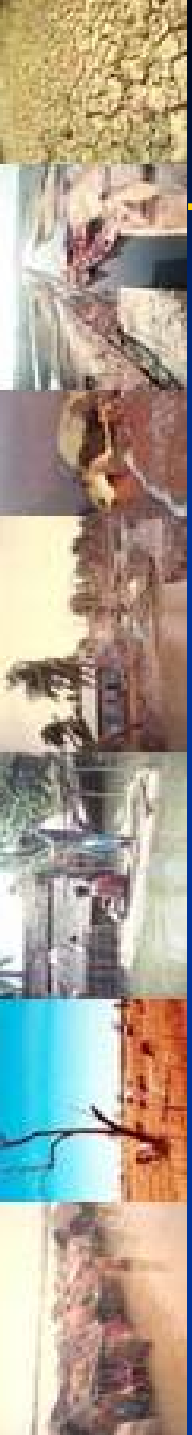
- Efficiency improvement in the production, distribution and consumption of energy;
- Energy exploration and reservoir management;
- Renewable energy development
- Efficient transport planning and switching to low carbon fuels
- Technology need assessment and support for efficient management in the forestry sector

■ On Adaptation

- Early Warning system
- Impact predication modelling
- Scaling up and modernizing hydrological and meteorological services
- Scaling up of new technology development in the priority sectors including human settlement, agriculture, water, health, bio-diversity, coastal zone.

Enabling Technology Transfer

- Technology needs assessment
- Improving access to technology information
- Strengthening recipient country capacity
- Institutionalizing technology transfer mechanism
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Technologies for Adaptation



- Development of Technologies
 - To address new phenomenon of the problems that climate change will bring. Examples, development of new crop varieties.
- Transfer and Deployment of Known Technologies from one area to other
 - Transfer existing coping technologies and measures to new geographical areas, ecosystems and sectors those will face similar nature of problems
- Review effectiveness of technologies against scale of the problems
- South-South-North Cooperation

Advancing Technologies



■ Institutional Support

- Establishing a technology transfer and development board with a clearing house mechanism
- Identification and or development of appropriate regional centres for undertaking research and development
- Development of appropriate modalities for north-south and south-south cooperation