



TECHNOLOGY MECHANISM

Bangkok Thailand

April 3, 2011

Technology Mechanism

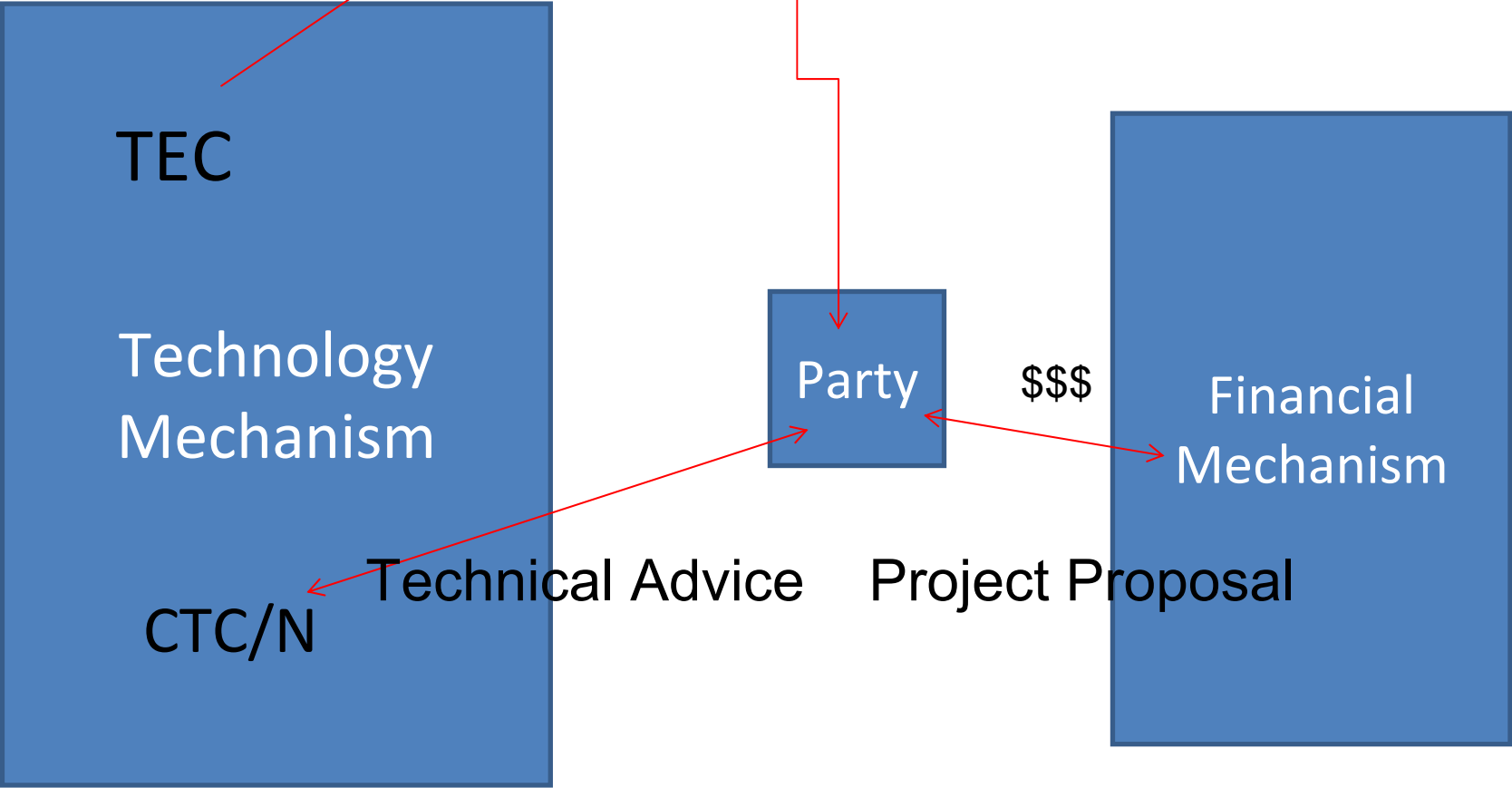
The SIDS Perspective

SIDS are defined by a well know set of scientific and technological characteristics including:

- Limited research and development Institutional capacity
- Net Importers of Technology
- Private Sector with very limited involvement in technology
- High dependence on larger countries for new technology
- Very Limited Economies of Scale
- Highly dependent regional institutions

Increasing Availability of Green technologies and technologies for social development

Function -- Creates environment for more tech dev & transfer



Technology Mechanism Governance and Terms of Reference

- Board of Directors - regional representation, SIDS, LDCs
- TORs: Decided by COP guided by 1CP16 para 123/TEC
 - Fiduciary responsibility and
 - Oversight of business plan developed in response to the needs of parties liaising with the Technology Executive Committee
 - Operational oversight
 - Reporting to the COP
- Appointment Board of Directors
 - The COP
 - The Technology Executive Committee
- Board of Directors reporting - The COP via SBI - TEC?

Technology Mechanism

Day to Day Functions

Primary responsibility - responding to needs of developing countries

- Funding - financial mechanism of the UNFCCC
- Coordinate the work of the TEC
- Prepare reports and proposals for mobilizing financial resources
- Identify technologies - to meet the needs of members
- Develop strategies for further development testing/criteria for new tech
- Facilitate collaborative agreements - private sector and research institute
- Facilitate training to help develop capacity

Technology Mechanism

Staffing, Financing, and Location

- Executive Director
- Deputy Directors –Adaptation and Mitigation
- Sector Specialists - regional distribution, developing countries primarily
- Source of funding UNFCCC financial mechanism – salaries and indirect costs
- Location - preferably within a Host Institutions
 - Criteria: Experience with technology development; ability to meet international accounting standards; credible international status

Technology Mechanism

Role and Composition of CTC and Network

- Responds to the needs of parties - advise, expertise and information
- Composition of the Network:
 - Regional and National Centres of Excellence - criteria established by the TEC
 - Initial members of Network to be identified by the TEC
 - Membership open to all who meets the criteria
- Memorandum of Agreements - between Centre and institutions
- Cost Recovery

Technology Mechanism Summary

Long terms survival and viability of the SIDS depends upon *inter alia*:

- Global transition to low carbon energy sectors
- The availability of low carbon and carbon negative technological systems, within the next couple of decades to keep average temperature increases below 1.5 C.
- Effective adaptation by SIDS
- Systematic observation to assist in more effective preparedness to adverse weather.

Technology Mechanism Concluding Remarks

Achieving this given the economic situations of the SIDS and its limited scientific and technological capacity will require:

- An effective and efficient technology transfer mechanism
- Supported by capacity building and a loss and damage mechanism to help SIDS recover from adverse climatic impacts.
- Design of technology and financial mechanisms along with capacity building are critical to the survival of SIDS.

The End