

Capacity Building and Technology Transfer in the context of UNFCCC: China's Perspectives

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- Overall approaches
- Key issues
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Understanding TT and CP in the Context of Implementing FCCC

GHG emission

Dirty Growth

Global climate benefits
shared by both dvlped
and dvlping countries

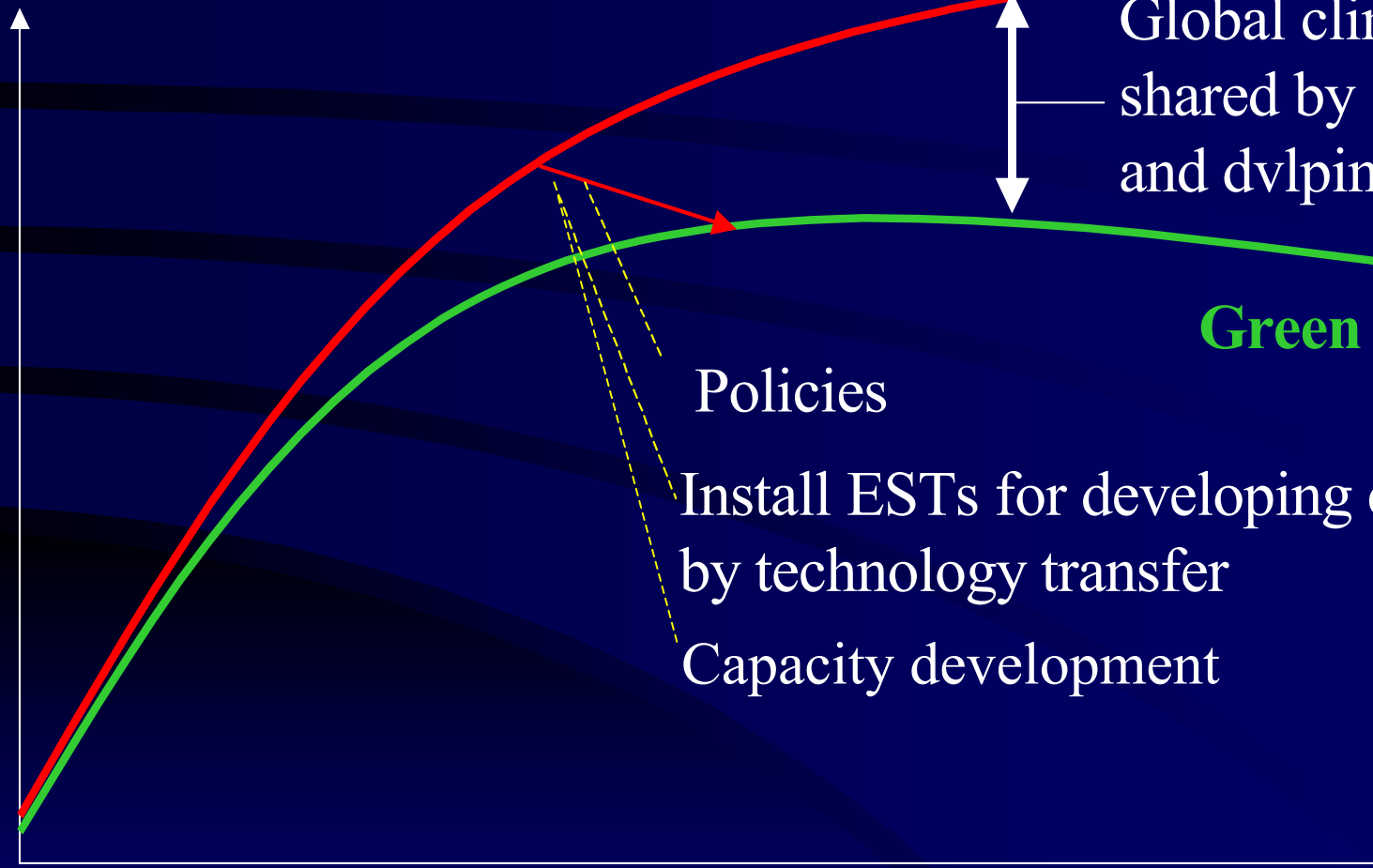
Green Growth

Policies

Install ESTs for developing economies
by technology transfer

Capacity development

GDP per capita



Does conventional market-based mechanism work adequately to meet the climate change challenge that human-beings never had before?

Importance of CB and TT (1)

- It is necessary for all the North and South parties to participate in the global climate cooperation
- Specific challenges to developing countries
 - Poverty
 - Vulnerability with higher reliance of economy on natural resources
 - Shortage of intellectual and financial resources
 - Weak institutional functions

Importance of CB and TT (2)

- Developing countries' weak capacity is a crucial obstacle for them to participate in the global process;
- The North-South cooperation will not be effective and efficient if the capacity gap is too large

Importance of CB and TT (3)

- The effective way to make significant and positive change in developing countries in near future
- Create external climate benefits enjoyed by the whole world
- Promote equity of the world economy: more sustainable

Overall Approaches

- A national platform needs to be built first for plan, coordination, service for sharing info and experience, networking, communication, and activity monitoring, etc.
- A sectoral approach may be used to identify specific needs matching specific sectors
- Integration of top-down and bottom-up approaches
- Integration with existing plans, programmes, and schemes for sustainable development in developing countries.

Key issues for CB

- Institutional CB
- CDM
- Human resource development
- Technology transfer
- National communications
- Adaptation
- Public awareness
- Coordination and cooperation
- Improved decision-making

Key Issues for TT

- Tech and tech needs assessment;
- Tech information;
- Enabling environment: institutional and policy conditions and infrastructure;
- Capacity building supporting T&T;
- Mechanism improvement and development;
- Schemes for near future: finding vehicles

Some likely activities for TT

- Development of clearing-house: info system
- Tech needs assessment: methodologies and exercises
- Tech supply assessment: listing available tech for transfer
- Development of programmes and schemes on bilateral and multilateral basis
- Assessment and design of enabling environment: selecting policy instruments and measures
- Demonstration projects: learning by doing

Some on-going CB activities in China

- Preparation of the initial national communication (GEF-UNDP)
- Sino-Canada Climate Change Cooperation project (implementation started)
- CDM CB for China (UN Foundation, planned)
- ADB, WB CDM project
- Sino-UK CB for provincial decision-makers
- Sino-US CB for technology transfer

Challenges for technology transfer and factors to ensure success

- Technical assistance and capacity building for TT
- Information
- Involvement of different stakeholders
- Sufficient financial support and incentives for business cooperation
- Pilot and demonstration projects