

Global Sustainability

Insights for India-Japan Technology Cooperation

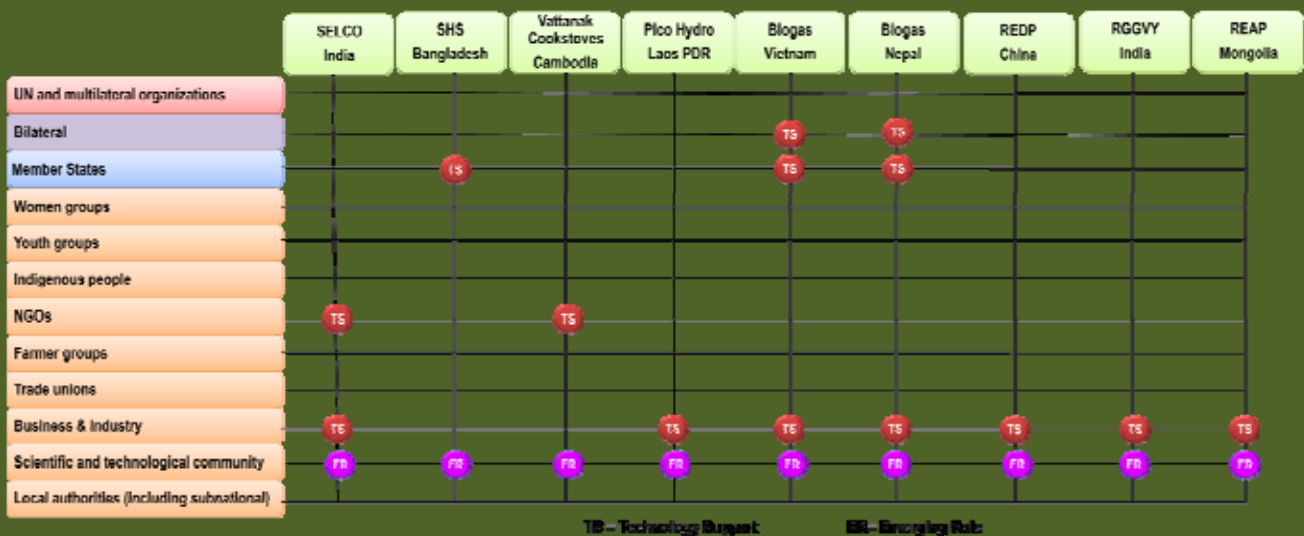
IGES-TERI Joint Symposium for India-Japan Technology Cooperation towards Sustainable Development to mark the 60th Anniversary of India-Japan diplomatic relations

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Technology support and the Institutional Framework for Sustainable Development (IFSD)

Figure 3: Technology support in selected case studies* according to CSD major group typology



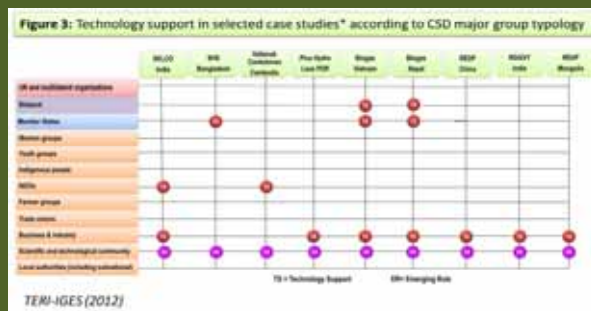
TERI-IGES (2012)

*Cases studies focused on energy innovations (clean energy and energy access) in select countries in Asia

Learnings from TERI-IGES project – (1)

Who are the actors?

- Governments
- Business & Industry
- Scientific and Technological community
- Civil society and knowledge community



Learnings from TERI-IGES project – (2)

- Technology support has come primarily from bilaterals, member states and NGOs
- Scientific and technology community has an emerging role
- Technologies for energy access project have been indigenous

Key questions

- Enabling conditions for R&D in universities and other institutions in India?
- Enabling conditions for knowledge institutions to collaborate and cooperate

Case: India-Japan Partnerships in Clean Development Mechanism (CDM) – (1)

Partnership name	Governments	UN System	Inter-governmental organizations	Major Groups
Asia CDM Capacity Building Initiative	X		X	
Regional Partnership for Poverty Alleviation and Environmental Protection through Green Productivity - Integrated Community Development and Clean Development	X		X	X
Renewable Energy and Energy Efficiency Partnership (REEEP)	X	X	X	X
Scientific Capacity Building for Sustainable Development in Developing Countries (CAPaBLE)	X		X	X
Methane to Markets	X	X	X	X

Source: CSD registered partnerships

Case: India-Japan Partnerships in Clean Development Mechanism (CDM) – (2)

Partnership name	Governments	UN System	Inter-governmental organizations	Major Groups
Asia-CDM Capacity Building Initiative	X		X	
Regional Partnership for Poverty Alleviation and Environmental Protection through Green Productivity - Integrated Community Development and Clean Development	X		X	X
Renewable Energy and Energy Efficiency Partnership (REEEP)	X	X	X	X
Scientific Capacity Building for Sustainable Development in Developing Countries (CAPaBLE)	X		X	X
Methane to Markets	X	X	X	X

Source: CSD registered partnerships

- What lessons do we learn?
- Role of global mechanisms in north-south cooperation
- Feasibility-viability gap financing will be required and climate finance can be additional incentive

Other considerations that could play a key role in Japan-India technology cooperation

- Increasing consumption in rural areas
- Technology for advancement of socio-economic development
- Basic services like drinking water, sanitation and affordable clean energy

THANK YOU

