



Need of funding for technology transfer in the transport sector

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Supported by:



Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety

based on a decision of the German Bundestag



Partner Organizations:



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THE TECHNOLOGY NEEDS ASSESSMENT PROJECT (TNA)

Origin

Poznan Strategic Programme on Technology Transfer (COP 14, 2008)

GEF to support developing countries to conduct TNA assessments

What is the TNA?

A set of country-driven activities leading to the identification, selection and implementation of environmentally sound technologies to decrease CO₂ emissions (mitigation) and to decrease vulnerability to climate change (adaptation).

Objectives

Participant countries (34 in TNA Phase I, 2009-2013 and 26 in current TNA Phase II, 2014-2017) in a participatory process involving local stakeholders, identify and select sectors, prioritise technologies for both mitigation and adaptation, suggest enabling environments for the transfer of these technologies, and develop project ideas.

PRIORITISED TRANSPORT TECHNOLOGIES BY ASIAN COUNTRIES

5 out of 12 TNA participant countries prioritised transport as one of the sectors in need of mitigation measures

Technology type	Countries				
	Bhutan	Cambodia	Lebanon	Sri Lanka	Vietnam
Non-Motorized Transport	X			X	
Urban Mass Transit	X	X			X
Planning & Management	X			X	
Shift from Road to Rail				X	
Efficient Vehicle Technologies		X		X	

ESTIMATION OF NEEDED FINANCING

- The total estimated budget required for the 257 project ideas identified by Parties in the project amounted to around USD 25 billion.
- USD 12.5 billion was estimated to be required for project ideas related to mitigation,
- Most of the mitigation budget was required for the energy sub-sectors: energy industries (27% of the total budget) and transport (20%).

Source: Third TNA Synthesis Report, UNFCCC

WHAT ARE THE OPTIONS?

- Improved/new forms of public private partnerships?
- Provide the right incentives for long-term private investors?
- Develop stronger revenue approaches?
- Making the funding community more aware of the urgency and the need of funding in the transport sector, and of the potential it has in terms of emission reductions?