

ADB Climate Change Program Overview

Business Opportunities Fair
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Preety Bhandari
Advisor and Head, Climate Change Coordination and Disaster Risk
Management Unit
Regional and Sustainable Development Department



ADB Climate Change Program

Priorities	Modalities		
	Finance	Knowledge	Partnership
	Scaling-up Clean Energy		
	Encouraging Sustainable Transport and Urban Development		
	Managing Land Use and Forests for Carbon Sequestration		
	Promoting Climate-resilient Development		
	Strengthening Policies, Governance and Capacity		

Financing

\$140-\$175 billion

Annual mitigation costs in developing countries by 2030

\$8.9-\$18.1 billion

Indonesia's mitigation financing needs by 2020 under 26% & 41% reduction targets

\$40 billion

Annual adaptation costs in developing countries in Asia and the Pacific until 2050

80%

Private sector's stake

Urgency

Emissions need to peak in the next decade

\$2.4 billion

ADB climate mitigation finance in 2013

\$1.1 billion

ADB climate adaptation finance in 2013



Major Programs

Scaling-up Clean Energy

Clean Energy Program

Smaller developing countries

Demand side clean energy

Monitor development results

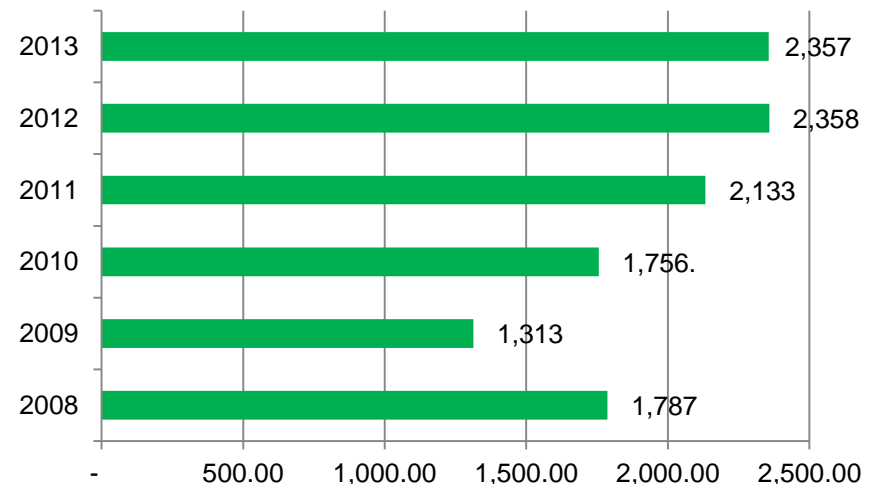
Annual target:

-\$1 b 2008-2012

-\$2 b 2013 onwards



ADB Clean Energy Investments, \$ million



Major Programs

ADB

Scaling-up Clean Energy

Quantum Leap in Wind Power Initiative

Asia Solar Energy Initiative

Energy for All Initiative

New Energy Efficiency Initiative



Major Programs

Sustainable Transport & Urban Development



Avoid unnecessary vehicle kilometers



Shift to the lowest-emitting modes



Improve vehicle/fuel technology towards cleaner and more efficient options

Major Programs

Sustainable Transport & Urban Development

ADB Green Cities Initiative

Built Form

Green buildings, Densification, Integrated Land Management

City Greening

Public Space, Street lighting, Habitats, Greenways

Transport

Low-carbon, zero emission, Non motorized, road user charging

Resilient Infrastructure

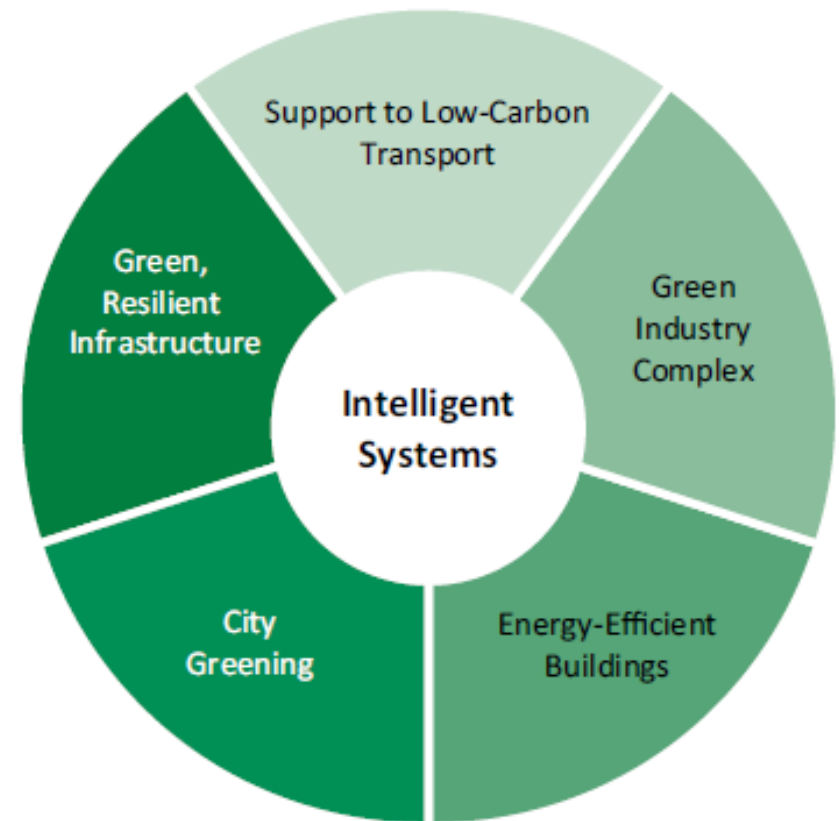
Water, sanitation, solid waste

Energy

Clean Energy, Renewable Energy

Industry

Recycling, Brownfield Redevelopment



Managing Land Use & Forests for Carbon Sequestration

Reducing Emissions from Deforestation and Forest Degradation (REDD+)

Avoiding deforestation

Managing forests sustainably

Supporting livelihoods

Protecting biodiversity



Major Programs

Promoting Climate-resilient Development

- 1. Integrate into national development plans**
- 2. Build resilience of vulnerable sectors**
- 3. Assist member countries in climate-proofing projects**

Priority to LDCs and the highly vulnerable



Major Programs

ADB

Financing and Technology Transfer

**Asia Climate Change and Clean Energy Venture
Capital Initiative**

**Exchange to Transfer Low Carbon Technologies
to Asia and the Pacific**

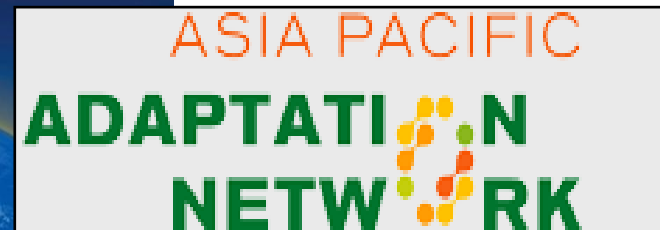
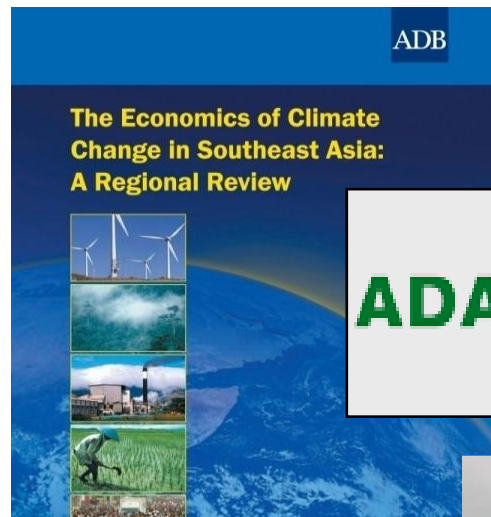
Climate Public-Private Partnership Fund

Carbon Market Program



● Knowledge and Outreach

- Climate Finance (with MDBs, others)
- Asia Pacific Adaptation Network (with UNEP, IGES, others)
- Asia Clean Energy Forum, Urban Forum, Transport Forum (with several partners)



● Key Studies

- economics of climate change
- agriculture impacts
- energy
- migration
- climate impacts on coastal megacities (with WB, JICA)

