

Climate Investment Funds

Activities on Low Carbon Development Strategies & NAMAs
by the Multilateral Institutions:

Climate Investment Funds – **ONE** MDB Response

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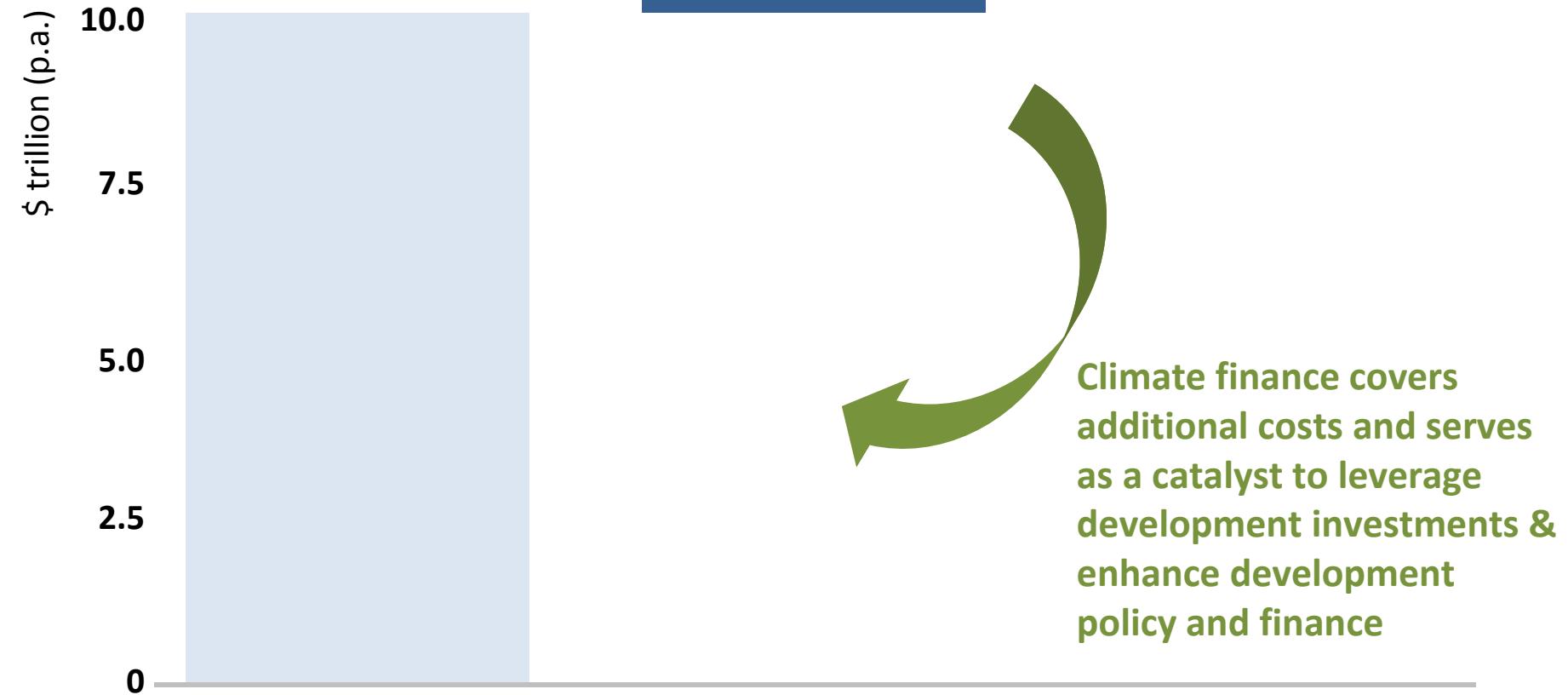


Climate Finance as a Catalyst

Total gross investment
in developing countries
(2015-2020)

Incremental costs due
to climate change
\$300-500 billion p.a.

Copenhagen
\$100 billion p.a.



CIF Capitalization

CTF - Funding: \$4.5 billion.

Purpose: Scaled-up finance for demonstration, deployment and transfer of low-emissions technologies for long-term reductions in greenhouse gas (GHG) emissions through country investment plans.

SCF - Funding: \$2 billion.

Purpose: Three targeted programs to demonstrate new approaches and sector strategies to support developing country efforts to achieve climate-resilient, low-emissions development.

Targeted SCF Programs

Forest Investment Program (FIP): \$602 million

- To support developing country efforts to reduce deforestation and forest degradation (REDD) and promote sustainable forest management leading to emission reductions, carbon reservoir protection.

Pilot Program for Climate Resilience (PPCR): \$1 billion.

- To pilot and demonstrate ways to integrate climate risk and resilience into developing countries' core development planning.

Scaling Up Renewable Energy Program in Low-Income Countries (SREP) \$334 million.

- To pilot and demonstrate economic, social and environmental viability of low emissions development pathways in the energy sector by creating economic opportunities and increase energy access through renewable energy.

Demand for CIF resources



Additional Countries Requesting Support from CIF

CTF -- 3: Chile, India, Nigeria

FIP -- 37: Albania, Algeria, Argentina, Bangladesh, Belarus, Bolivia, Bosnia & Herzegovina, Bulgaria, Cameroon, Colombia, Costa Rica, Croatia, Ecuador, Ethiopia, Guatemala, Guyana, Jamaica, Kosovo, Liberia, Macedonia, Madagascar, Morocco, Mozambique, Nepal, Nigeria, Panama, Papua New Guinea, Philippines, Romania, Russian Federation, Serbia, Suriname, Tajikistan, Thailand, Tunisia, Uganda, Vietnam

PPCR -- 12: Bhutan, Chad, Ethiopia, Uzbekistan, India, Mauritania, Morocco, Niger, Peru, Philippines, Sierra Leone, Vietnam

SREP -- 28: Armenia, Bangladesh, Cambodia, Congo, DR Djibouti, Georgia, Ghana, Guyana, Haiti, Kiribati, Lao PDR, Liberia, Malawi, Moldova, Mongolia, Nicaragua, Rwanda, Samoa, Senegal, Solomon Islands, Sri Lanka, Tajikistan, Tanzania, Timor-Leste, Tonga, Vanuatu, Yemen, Zambia

Purpose

To finance programs and projects for demonstration, deployment and transfer of low carbon technologies with significant potential for GHG emissions savings

Scale

\$4.4 billion* in concessional financing to help countries buy down costs of public and private sector investments in low carbon development

Governance

Trust Fund Committee: Australia, Brazil, China, Egypt, France, Germany, India, Japan, Morocco, Nigeria, South Africa, Spain, Sweden, Turkey, UK and US + observers (4 civil society and 2 private sector), GEF, UNDP, UNEP, and UNFCCC



Measuring Success

- Influence countries' low carbon development strategies;
- Promote market transformation through policy reforms, economies of scale, enhanced competition and private sector participation, and eventually savings in unit abatement costs; and/or,
- Realize broader employment, business/industrial growth, environmental and social co-benefits that contribute to sustainable development.

Status of CTF Investment Plans

CIF

- ❑ Endorsed: 13 CTF investment plans for \$4.35 billion for 12 countries....and
 - ❑ Nigeria Investment Plan endorsed with a request of US\$250 million of funding
 - ❑ India preparing investment plan will be presented to the TF committee.
 - ❑ Chile Investment Plan is expressed interest by the government of Chile
- ❑ Revise and Update of IP
 - ❑ Morocco
 - ❑ Philippines
 - ❑ Thailand



14 Endorsed Investment Plans

Colombia, Egypt, Indonesia, Kazakhstan, Mexico, Morocco, Nigeria, Philippines, South Africa, Thailand, Turkey, Ukraine, Vietnam, Regional Program for Concentrated Solar Power in Middle East and North Africa

Clean Technology Fund (CTF)

CIF

CTF Investment Plans Endorsed as of March 31, 2010

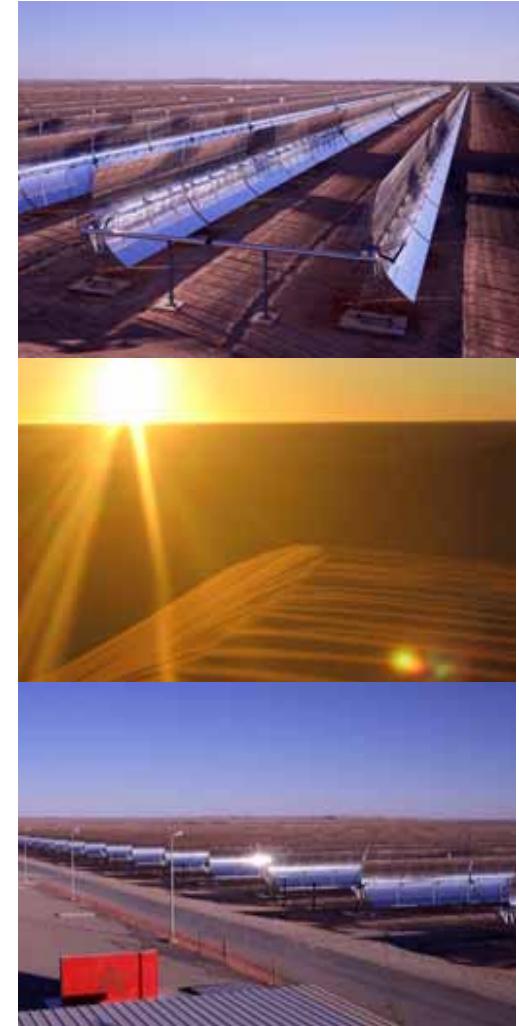
Country	CTF (US\$ million)	Private Sector Co-Financing (US\$ million)	Other Co- Financing* (US\$ million)	Est. Total (US\$ million)	Leverage Ratio (CTF funding/ all other funding)	Leverage Ratio (CTF funding/ Private Sector)
Colombia	150	1,060	1,596	2,806	1:18	1:7
Egypt	300	636	985	1,921	1:5	1:2
Indonesia	400	1,100	1,610	3,110	1:7	1:3
Kazakhstan	200	535	534	1,269	1:5	1:3
MENA CSP	750	1,290	3,564	5,604	1:7	1:2
Mexico	500	2,318	3,379	6,197	1:11	1:5
Morocco	150	800	1,000	1,950	1:12	1:5
Philippines	250	1,100	1,430	2,780	1:10	1:4
South Africa	500	540	1,310	2,350	1:4	1:1
Thailand	300	1,380	2,583	4,263	1:13	1:5
Turkey	250	170	1,680	2,100	1:7	1:1
Ukraine	350	230	2,025	2,605	1:6	1:1
Viet Nam	250	1,010	2,185	3,445	1:13	1:4
TOTAL	4,350	12, 169	23,850	40,369	Avg. 1:8	Avg. 1:3

*Other sources of financing include MDBs, bilaterals, governments, other agencies such as the GEF and CCIG

Concentrated Solar Power in MENA

CIF

- \$750 Clean Technology Fund. \$5.5 billion total investment
- Technology of choice for climate mitigation:
 - Proven technology, utility friendly
 - Transferable to developing countries
- Generation projects in 5 countries
 - Algeria, Egypt, Jordan, Morocco, Tunisia
 - First project: Ouazarzate 500 MW in Morocco.
WB Board Date: Nov 17
- Selected transmission projects
 - Jordan, Tunisia
 - Intra-MENA optimization, exports to Europe



SREP: Purpose and Objectives

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To pilot and demonstrate the **economic, social and environmental viability of low carbon development pathways** in the energy sector by creating new economic opportunities and **increasing energy access** through the use of renewable energy

- Initiate process leading towards **transformational change**
- Overcome economic and non-economic barriers to scale up **private sector**
- Facilitate **knowledge sharing** and exchange
- Highlight economic, social and environmental **co-benefits** of RE programs
- Demonstrate RE feasible pathway to **economic growth and development**

Status of SREP Investment Plan

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- SREP has selected 6 pilot countries to receive scaled-up financing for renewable energy investments.

Pilot Country	(Expected) Endorsement Date	Resource Allocation (US\$)	Joint MDB Mission Date
Ethiopia	March 2012	50 m	October 18-28, 2011
Honduras	November 2011	30 m	August 28 –September 2, 2011
Kenya	September 2011	50 m	May 1–16, 2011
Maldives	March 2012	30 m	September 5-9, 2011
Mali	November 2011	40 m	April 18-29, 2011
Nepal	November 2011	40 m	June 4-11, 2011

Kenya: SREP Investment Plan



CIF

- ❑ Kenya's Investment Plan was endorsed in September 2011; aligned with Government's development strategy called "Vision 2030".
- ❑ Kenya requested \$50m from SREP's initial allocation and \$35m from the "reserve" (yet to be allocated).
- ❑ Projects to be developed under the plan include:
 - Menengai Geothermal Development
 - \$40m SREP; \$400m total
 - Of which, \$25m with AfDB; already submitted for approval
 - Hybrid Mini-Grids
 - \$10m SREP; \$40m total



Sector Decomposition of NAMAs in MICs

Country	Rank	Energy sector policies		Forest sector activities			Waste management and Biogas	Transport	Agriculture & land use	Manage natural resources, biodiversity	Water management	Other	CDM
		General	Invest in Renewable	Management	Reduce deforestation	Reforestation							
Algeria	1	✓	✓									✓	
Argentina	3	✓	✓	✓			✓						
Armenia	3												
Bhutan	1												
Botswana	2	✓	✓					✓					
Brazil	5	✓	✓	✓	✓				✓	✓			✓
Cameroon	1				✓				✓				✓
Chile	1	✓	✓	✓					✓				
China	1												
Colombia	5		✓		✓							✓	✓
Congo	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Costa Rica	2	✓		✓				✓	✓				
Cote d' Ivoire	4	✓	✓	✓					✓	✓		✓	
Gabon	4	✓	✓	✓			✓		✓		✓		✓
Georgia	2	✓			✓								✓
India	1												
Indonesia	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Jordan	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
Maldives	1												
Marshal Islands	1	✓											
Mauritius	1												
Mexico	1												
Mongolia	5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
Morocco	5	✓	✓	✓			✓		✓	✓			✓
Papua New guinea	1	✓											
Peru	2	✓			✓						✓		✓
Moldova	1												
South Africa	1												
Macedonia	3	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓
Tunisia	4	✓	✓					✓	✓		✓		✓

Mind the Gaps

