

CLIMATE INVESTMENT FUNDS



Biodiversity Considerations in CIF-Funded Wind Power Projects

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Climate Investment Funds

CIF

Clean Technology Fund (CTF): Finances demonstration, deployment, and transfer of low carbon technologies



Strategic Climate Fund (SCF):
Targeted programs to pilot new approaches and scale-up

Clean Technology Fund

CIF

- ❑ 16 investment plans endorsed: Chile, Colombia, Egypt, India, Indonesia, Kazakhstan, Mexico, Morocco, Nigeria Philippines, South Africa, Thailand, Turkey, Ukraine, Vietnam plus one regional program-Middle East and North Africa (Algeria, Egypt, Jordan, Morocco and Tunisia)
- ❑ \$4.35 billion allocated for the first 13 investment plans
- ❑ New contributions to finance new investment plans (Nigeria, India, and Chile)
- ❑ Funding approved: \$1.92 billion for 33 projects



Focus Areas

- Renewable energy technologies (solar, wind, geothermal, hydro)
- Energy efficiency
- Sustainable transport systems
- Financial intermediaries to leverage private sector investments in EE/RE

Scaling Up Renewable Energy Program in Low Income Countries (SREP)

CIF

Demonstrates the viability of RE technologies to create new economic opportunities and increase energy access



- ❑ 7 pilot countries: Ethiopia, Honduras, Kenya, Mali, Maldives, Nepal and Tanzania
- ❑ 5 investment plans endorsed for \$210 million
- ❑ Funding approved for Kenya geothermal energy development project (\$25 million)

Focus Areas

- Solar
- Wind
- Geothermal
- Mini-hydro
- Biogas
- Cook stoves

CIF-Funded Wind Power Projects (1) CIF

CIF - funded wind power projects (as of May 4, 2012)*

Program	Country	MDB	Project/Program Title	CIF funding (\$ million)
CTF	Egypt	IBRD	Wind Power Development Project (Transmission)	150.0
CTF	Egypt	AfDB	200MW Wind Farm in the Gulf of Suez (project preparation grant)	1.0
CTF	Mexico	IDB	Mexico Renewable Energy Program	70.0
CTF	Mexico	IFC	Private Sector Wind Development	15.6
CTF	Mexico	IDB	Public-Private Renewable Energy	50.0
CTF	Morocco	AfDB	One Wind Energy Plan	125.0
CTF	Philippines	IFC	Renewable Accelerator Program	20.0
CTF	South Africa	AfDB/IBRD	Eskom Renewable Support Project-Wind	100.0
CTF	Thailand	IFC	Renewable Energy Acceleration Program	40.0
CTF	Turkey	IBRD	Private Sector RE/EE Project**	50.0
CTF	Turkey	EBRD	Ayres	NA
CTF	Turkey	EBRD	Turgut Anadolu	NA
CTF	Turkey	EBRD	Ibrahim Oner	NA
CTF	Ukraine	EBRD	Novozaovsk	EUR15.5
CTF	Ukraine	EBRD	Eco Optima	EUR3.8
	Total			621.6

*The list includes programs which will finance renewable energy projects, not limited to wind power.

There are more wind power projects to be approved and funded by CIF.

**This is a RE/EE project, whereby roughly 50% is destined for RE, including wind, geothermal, hydro, etc..

CIF-Funded Wind Power Projects (2) CIF

Project/program which may include wind power projects to be approved by CIF (as of May 4, 2012)

Program	Country	MDB	Project/Program Title	CIF funding (\$ million)
CTF	Egypt	AfDB	Wind Energy Scale Up Program (IPPs)	50.0
SREP	Ethiopia	AfDB	Assela Wind Farm Project	18.3
CTF	Thailand	ADB	Thailand Private Sector Renewable Energy Program	100.0
CTF	Mexico	IFC	Renewable Energy	14.4
CTF	Ukraine	IFC	Energy Efficiency	25.0
CTF	Vietnam	IFC	RE	40.0
CTF	Morocco	IBRD	Renewable Energy	25.0
CTF	Philippines	IBRD	Philippines RE/EE*	20.0
CTF	Turkey	IBRD	Turkey Transmission - RE/EE projects	50.0
CTF	Ukraine	IBRD	Ukraine Transmission	50.0
	Total			392.7

*This is a RE/EE project, whereby roughly 50% is destined for RE, including wind, geothermal, hydro, etc..



1. Pilot country governments and partners must ensure environmental and social issues are appropriately addressed throughout the project cycle.
2. Governments and partners should prioritize developing environmental sensitivity maps and zoning maps as essential tools for site selection.
3. Where impacts on bird and bat populations might be significant, wind farms should operate in ways that minimize bird and bat mortality.
4. Post-construction monitoring of environmental and social impacts should continue after the construction phase.
5. The financial and economic implications of sound environmental and social management of wind power projects should be assessed in advance.

Biodiversity Considerations in CIF-Funded Wind Projects



Collaboration with BirdLife International, other NGOs, MDBs, Private Sector, etc.

First steps to launch this collaboration includes:

- ❑ Sharing of current knowledge and best practice and identification of future needs for addressing biodiversity issues in wind energy development
- ❑ Assessment of country-level progress in CIF countries addressing biodiversity issues in wind energy development