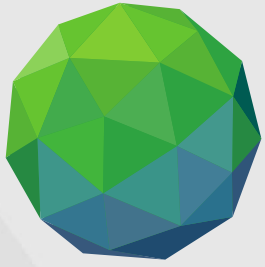


GREEN  
CLIMATE  
FUND

# Green Climate Fund: Private Sector Renewable Energy

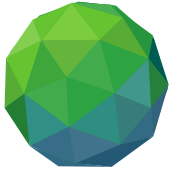
Jiwoo Choi

Green Climate Fund  
November 2017



**GREEN  
CLIMATE  
FUND**

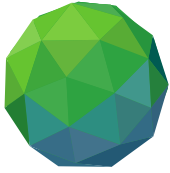
**Who are we?**



GREEN  
CLIMATE  
FUND

# The Green Climate Fund

- A new global fund created to combat climate change by investing in **low-emission and climate-resilient development**
- Set up by United Nations Framework Convention on Climate Change (UNFCCC) to **keep global average temperature increase well below 2° C**



GREEN  
CLIMATE  
FUND

# Private Sector Facility

## Why?

- To fund and mobilize institutional investors and leverage GCF's funds to encourage corporates to co-invest with us.

## How?

- De-risk investments;
  - Bundle small projects into portfolios;
  - Support capacity building;
  - Develop public-private infrastructure resilience partnerships;
  - Encourage innovation.
- 
- The PSF is not an “add on”; it is mainstream component of the GCF.

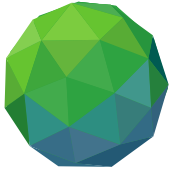
### GCF Funding Amount By Sector

USD 1.33 billion

USD 1.32 million

Private 50%

Public 50%



GREEN  
CLIMATE  
FUND

# PSF Specialization

## OBJECTIVE

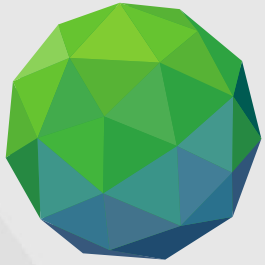
GCF's PSF aims to engage the private sector to support climate change mitigation and adaptation projects in developing countries.

### Flexible Financing Instruments

- Debt and guarantees
- Equity
- Structure products
- Concessional loans
- Grants

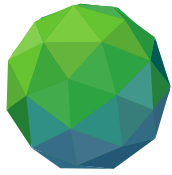
### Areas of Strategic Investment

- Clean energy
- Energy efficiency
- Climate-related innovation
- Resilient infrastructure
- Products and services for vulnerable communities
- Agriculture, forestry, food, water security, and ecosystem preservation



**GREEN  
CLIMATE  
FUND**

**Where are we?**



GREEN  
CLIMATE  
FUND

# A growing portfolio

**\$2.65B for 54 projects (73 countries)**

**LATIN AMERICA & CARIBBEAN**

**10 approved**  
(470M, 14 countries)

**EASTERN EUROPE**

**2 approved**  
(37M, 2 countries)

**CROSS-REGION**

**2 approved**  
(643M, 37 countries)

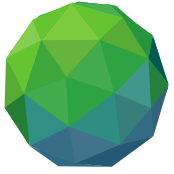
**ASIA-PACIFIC**

**19 approved**  
(714M, 22 countries)

**AFRICA**

**21 approved**  
(786M, 17 countries)

*Status as of B.18 (Oct 2017)*



GREEN  
CLIMATE  
FUND

# Estimated climate impact

Portfolio

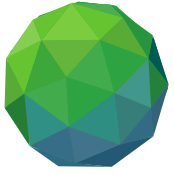
Mitigation impacts

**1 BtCO<sub>2</sub>eq**

Adaptation impacts

**159 M beneficiaries**



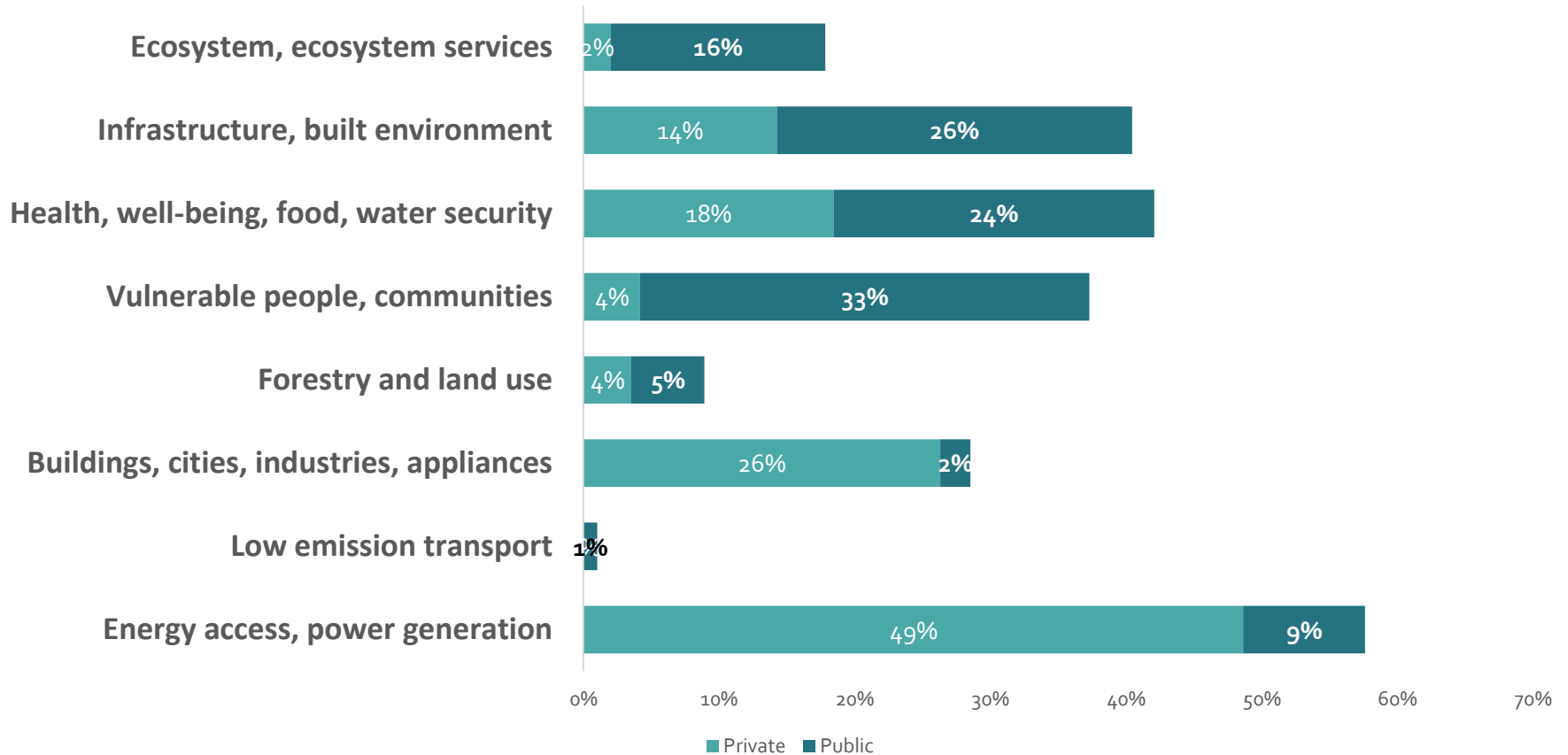


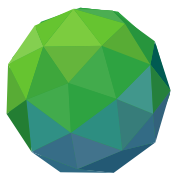
GREEN  
CLIMATE  
FUND

# Investments by results areas

## Approved projects

### Requested GCF funding by results areas (percentage)





GREEN  
CLIMATE  
FUND

# Request for proposals

## Mobilizing funds at scale

### Results Snapshot



#### GCF INVESTMENT:

✓ Up to USD 500M in projects/programmes

#### Published on

✓ 25 May 2017.

#### Closed on

✓ 30 August 2017.



#### COUNTRIES RECEIVED:

✓ 70+ Developing countries



#### NUMBER OF CONCEPT NOTES RECEIVED:

✓ 350 CNs



#### EST. PROJECT COST:

✓ USD 43 billion

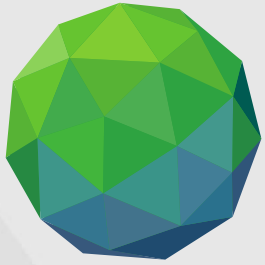


#### EST GCF REQUESTED FINANCING:

✓ USD 18 Billion



Pitch for the Planet.



GREEN  
CLIMATE  
FUND

# Private Sector Renewable Energy Projects



# Off-Grid Solar

*KawiSafi Fund*

Country	GCF financing	Accredited entity	Financial instrument
Kenya and Rwanda	USD 25 million	Acumen	Equity and Grant

- USD 20M in equity and USD 5M in grants for technical assistance
- Universal access to energy for people at the bottom of the pyramid
- Mobilization of private sector investors at scale for investment in SMEs in East Africa
- Conversion of a social impact fund into a Green Impact Fund
- Emissions reduction of 1.5 million tCO<sub>2</sub>





# Off-Grid Solar

## *Universal Green Energy Access Programme*

Country	GCF financing	Accredited entity	Financial instrument
Benin, Kenya, Namibia, Nigeria, Tanzania	USD 80 million	DB	Equity and Grant

- USD 78.4M in equity and USD 1.6M in grant
- Enhancing local financial institutions' knowledge of and appetite for the off-grid solar sector
- Crowd-in foreign and local private investors into the field of sustainable energy access in sub-Saharan Africa
- Emissions reduction of 50.6 million tCO<sub>2e</sub>





# Renewables Program 1

## *Sustainable Energy Financing Facility (SEFF)*

Country	GCF financing	Accredited entity	Financial instrument
Armenia, Egypt, Georgia, Jordan, Moldova, Mongolia, Morocco, Serbia, Tajikistan, Tanzania	USD 378 million	EBRD	Loan and Grant

- USD 344M in loan and USD 34M in grant
- Climate finance at scale through partner Financial Institutions
- On-lending programme
- Mainstreaming energy efficiency and renewable energy in the financial sector
- Promoting local capacity and aligning with the notion of country ownership
- Emissions reduction of 29.1 million tCO<sub>2</sub>e





# Renewables Program 2

## GEEREF NeXt

Countries	GCF financing	Accredited entity	Financial instrument
Multiple Countries - Global	USD 265 million	EIB	Equity and Grant

- USD 250M in equity and USD 15M in grant: fund of funds with the aim of being the first investor in RE/EE investment funds
- Significant climate impact due to the elevated multiplier effect
- Channeling institutional investors into renewable energy and energy efficiency investments in developing countries
- Emissions reduction of 769 million tCO<sub>2</sub>e



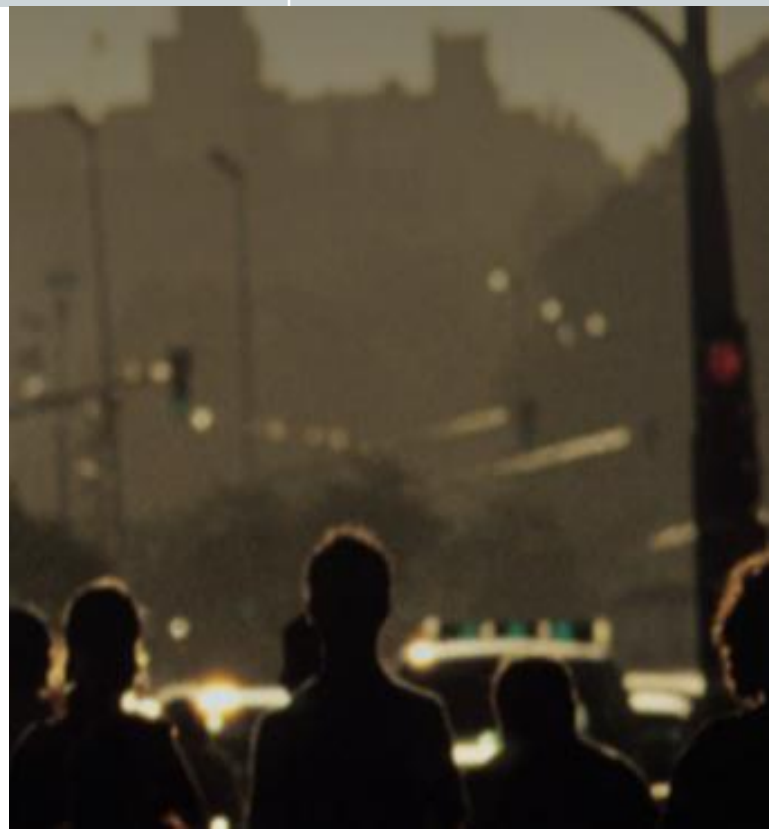


# Renewables Program 3

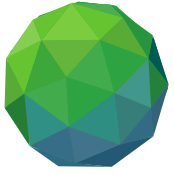
## *Catalyzing Private Investment in Sustainable Energy in Argentina – Part 1*

Country	GCF financing	Accredited entity	Financial instrument
Argentina	USD 133 million	DB	Loan and Grant

- USD 130M in Loan and USD 3 M in Grant
- Catalyze private sector investment in an environment where there is negligible renewable energy capacity installed and growing import dependence for energy
- Help Argentina meet its intended target of scaling up renewable energy capacity which is aligned with national policy
- Emissions reduction of 15.3 million tCO<sub>2</sub>e







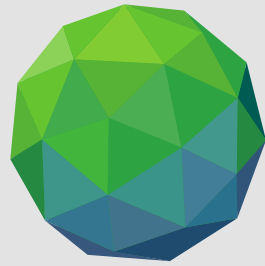
GREEN  
CLIMATE  
FUND

# Reach out

## Jiwoo Choi

Head of Financial Institutions and  
Structured Finance,  
Private Sector Facility

[jwchoi@gcfund.org](mailto:jwchoi@gcfund.org)



**GREEN  
CLIMATE  
FUND**