

SCALING UP RENEWABLE ENERGY INVESTMENTS

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Virtual Market Place for Sustainable Energy Projects

Scale up renewable energy and energy efficiency investment by supporting:
Initiation, Development and Financing

Key
Features

Improving Transparency

Offering relevant tools and databases

Supporting and
facilitating projects at
the development stage

Phase 1 (December 2015 - December 2016)

- Development and Outreach
- Building a initial project pipeline projects
- Attract active investors

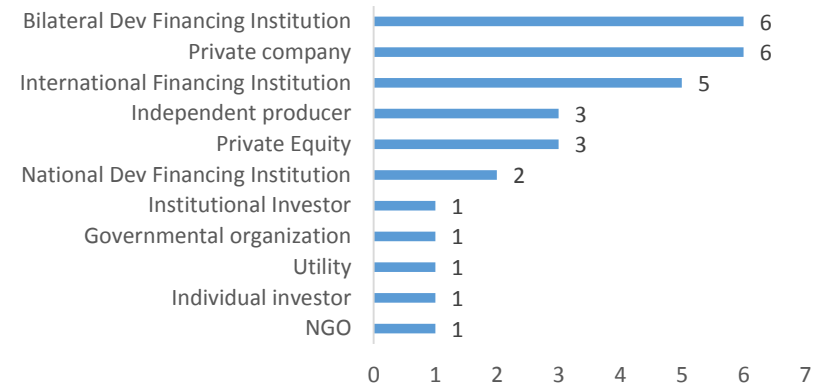
Phase 2 (Ongoing)

- Project assessments to advance projects to be investment-ready
- Project facilitation activities to support mature projects reach financial close
- Cooperating with host country governments to promote investment opportunities

Current User Volume

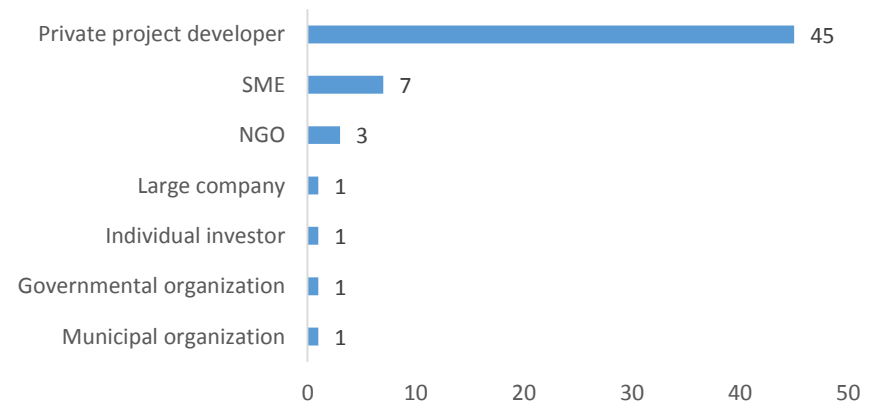
- 127 registered users
- 66 RE projects
- 1.1 GW installed capacity
- USD 2.7 bn investment need
- 75 financing instruments

Financing entities by type



- 64 solar projects
- 32 bioenergy projects
- 20 hydropower projects
- 14 wind projects
- 22 other RE projects

Projects by type of developer/owner



Project Owner Mandatory Information

Organization information

- General information and contact information
- General description of company/organization

Project information



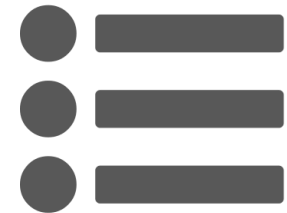
Project general information
(Technology type, capacity, total cost, location..)



Phase reached in permitting, contractual arrangements and feasibility studies



Capitalization structure envisaged and amount sought



Descriptive project summary

- HOME
- ABOUT
- BENEFITS FOR USERS
- MEDIA
- MARKETPLACE**
 - » General Search
 - » Projects
 - » Financing instruments
 - » Service Providers
 - » Technology Suppliers
 - » Organizations
 - » Countries
- USER PROFILE
- IRENA REPORTS
- OTHER MARKETPLACES

LATEST PROJECTS

Nigeria	Solar - PV - utility scale
N9-Spider	50 MW electricity
Ghana	Solar - PV - utility scale
Tilli Solar	20 MW electricity
South Africa	Wind - on-shore
Diamond Wind Dev elopment	140 MW electricity
Uganda	Solid Biomass - CHP
Biomass Power Ge	28 MW electricity

Ghana Capital Partners 28MW solar PV in Senya Beraku, Ghana

CONTACT ADMINISTRATOR

Ghana - Solar - PV - utility scale

CAPACITY 28 MW electricity	INVESTMENT (MILLIONS USD) \$56.00	ANNUAL GENERATION 42,000 MWh electricity
GRID CONNECTION GRID CONNECTED	PROJECT OWNERSHIP PRIVATE	

- LAND ACQUISITION** FINALIZED
- PERMITS** IN PROCESS, FINAL STAGE
- FEASIBILITY STUDIES** IN PROCESS, FINAL STAGE
- AGREEMENTS** IN PROCESS, FINAL STAGE
- FINANCING PROCESS** PLANNED

Status of project

Project idea
Pre-feasibility
Feasibility
Financing
Construction
Operation

6/1/2016 10/1/2017

Expected start of construction / installation Expected start of operation

PROJECT LEVEL IRR 17 %	EQUITY IRR 22 %	DIRECT PAYBACK PERIOD 6 Years
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Project summary

Project objective and structure

The project will provide electricity via the national grid to 200,000 homes or 1 million people. The project is 100% owned by GCP. SolarCentury will be our EPCM partner. SolarCentury will be responsible for the technical work, construction and assisting GCP with maintenance. GCP is responsible for equity and senior debt financing and project management.

Location

The project site is 45 mins drive by car from Accra, Ghana. The site is accessible by a main access road. The site



Contact information

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 1 Independence Avenue
 Accra

Data room

Financing plan

Financial instrument	Amount (millions USD)
Equity, controlling stake/ M&A	20
Senior Debt	36

Available financing

Positioning of the Marketplace vis-a-vis Partners

Pipeline partners

Project origination

Facilitation partners

Project development support

Financial closing partners

Demand for mature projects, financial closing

PUBLIC SECTOR PARTNERS



Information aspect, promoting the general market and atmosphere



PRIVATE SECTOR PARTNERS

Project developers

Utilities, IPPs, developers, advisors, consultants

Financial and legal advisors, investors, private online platforms

Increasing private sector involvement

Feeding IPs into the Marketplace

Rationale

- Coordination between international partners
- Benefit from existing partnerships in project facilitation
 - Identifying funding facilities and matchmaking



Application

- Initial engagement for an incorporation of the Kenya IP as pilot

Key benefits

- Accelerate the visibility of IP projects and facilitate linkages with funding institutions and private developers to reach financial close
- promote investment opportunities in countries

Thank you



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<http://www.irena.org/marketplace>