

# Sustainable Energy Project Facilitation for Africa

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## **Project Facilitation Tools**

- 1. Sustainable Energy Marketplace
- 2. Project Navigator
- 3. IRENA/ADFD Project Facility

## Virtual Marketplace for Sustainable Energy Projects



To scale up renewable energy and energy efficiency investments a virtual market place is created with the objective to support:

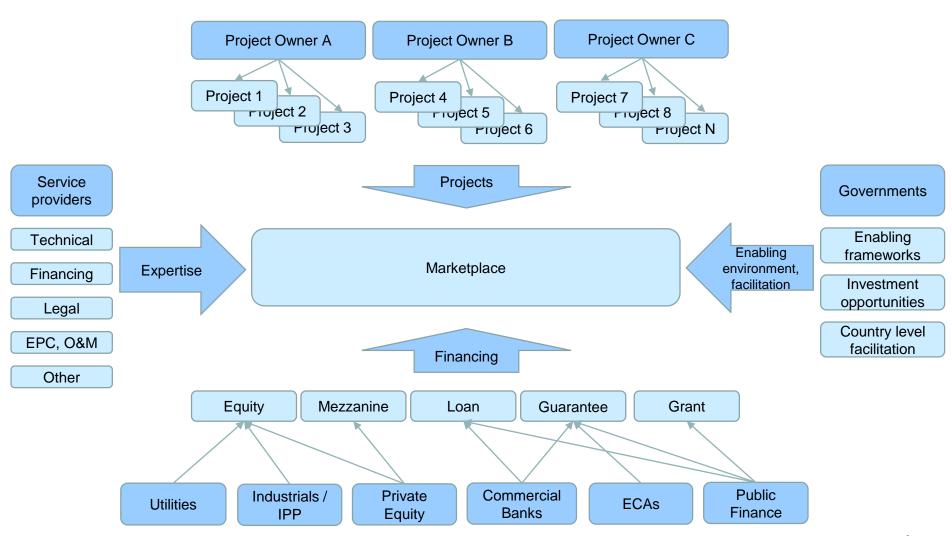
- ✓ initiation,
- ✓ development and
- ✓ financingof sustainable energy projects

#### By:

- Improving the transparency of the market
- Supporting projects at the development stage
- Offering IRENA's tools and databases for market players

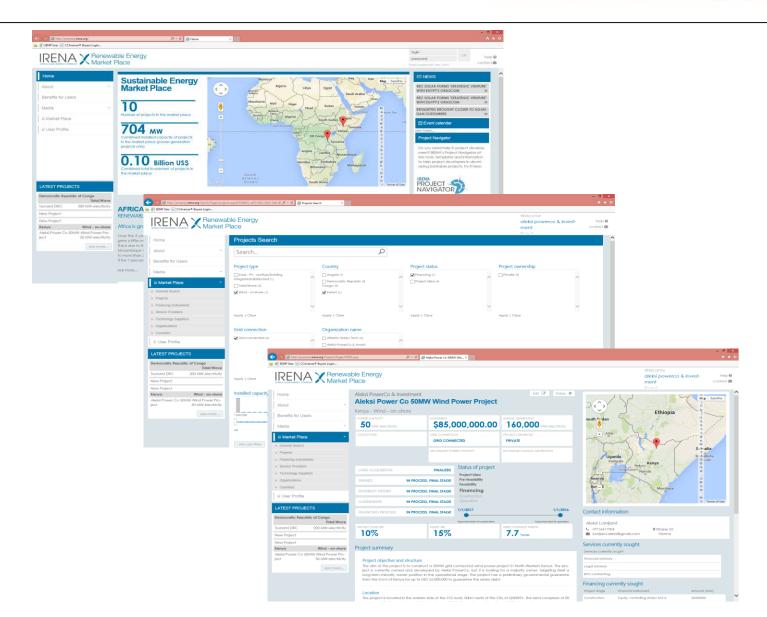
## Sustainable Energy Marketplace





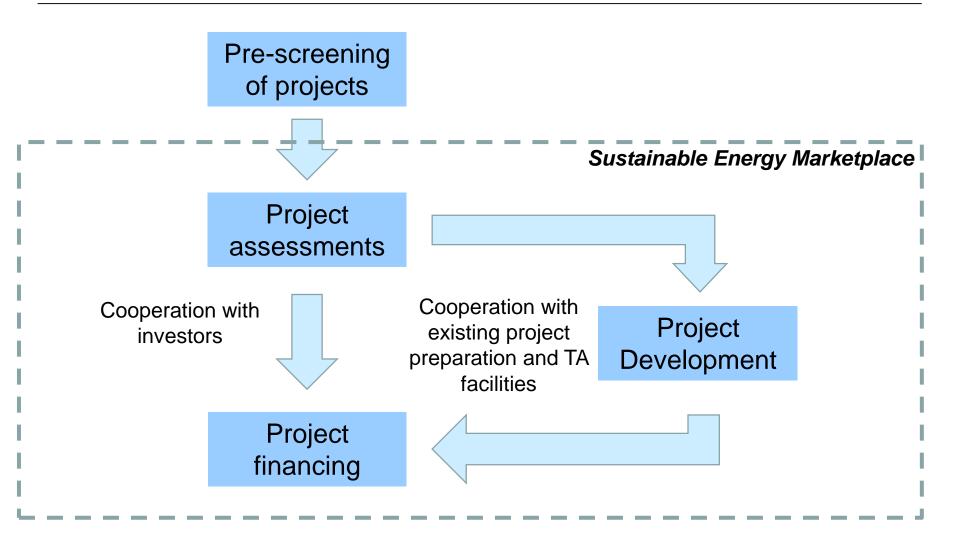


### Rich source of information



## Facilitation Process in the Marketplace





## The Platform is Part of IRENA's tools for Africa



Zoning and resource assessments

Renewable Readiness Assessments REsource and other databases

REmap, SPLAT

Technical potential; Identification of suitable areas Regulatory and investment environment

Market statistics; Policy database; Global Atlas Commercial market potential

#### DATA & ANALYSIS

Stream of bankable projects and financial closings

#### **FACILITATION**

Skills and knowledge

Enabling investment environment

Support in project development

Facilitating the market and financing

Capacity Building

Regulator and utility cooperation

Project Navigator IRENA/
ADFD project
facility

### **IRENA Project Navigator**



#### The challenge of RET projects

- » Failing to prove project bankability to funding institutions
- » Insufficient knowledge on project proposal development
- » Higher project development costs
- » Higher risk of project failure

#### **Objectives**

- » Increase the bankability of projects by:
- » Strengthening the project development base
- » Enhancing the quality of project proposals
- » Reducing costs and mitigating risks through proper planning and efficient use of funds
- » Facilitating effective implementation

#### Scope

- » All RETs
- » Different finance types: grants, loans, equity
- » Project sizes: from individual use to utility scale projects
- » Global: all geographical regions



## The Project Navigator Platform



#### www.irena.org/navigator



PROJECT NAVIGATOR

Home

Learning section

Start a project

Financial Navigator

My account

Sign out

#### Welcome to the IRENA Project Navigator!



- To learn more about the renewable energy project development process and to develop bankable project proposals, please enter the Project Navigator
- When looking for funding opportunities, browse the IRENA Financial Database using the Financial Navigator
- If you are a project developer, you can create a workspace online and track your project development progress.

Choose from the Quick Access tiles below!

#### News

13 May, 2015

"Introduction to the IRENA Project Navigator" Webinar

5-6 May, 2015

2nd Project Navigator Workshop, Ulaanbaatar, Mongolia

22 April, 2015

Project Navigator Launched

Learning section

Learn about project development

Start a project

Create a project workspace

Financial Navigator

Find funding opportunities



## Learning Section



#### Project Development Guidelines

- » Clear project development process
- » Detailed definitions
- » Tools
- » Key Actions
- » Control questions and deliverables
- » Contract templates

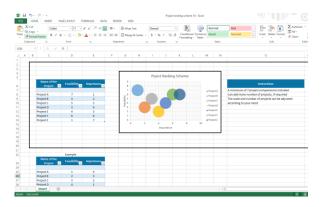
#### **Technical Guidelines**

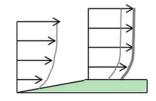
- » Land and resource assessment
- » Technology selection and sizing
- » Logistical aspects
- » Lessons learned from previous projects

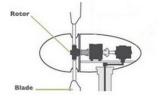
#### How others did it

- » Find examples
- » Case studies
- Templates









## Start a Project



#### Create your own workspace

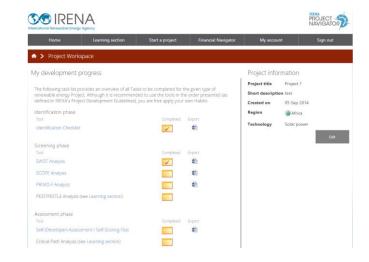
- » Password protected workspace
- » Interactive tools
- » Store up to three projects

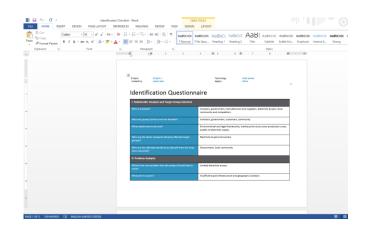
#### Follow a clear project development process

- » Clear objectives
- » Interactive tools
- » Control questions to ensure that nothing important has been overlooked

#### Track your progress

- » Store your data
- » Keep track of your project
- » Export and download reports





## Navigator - Present and future



#### **Present**

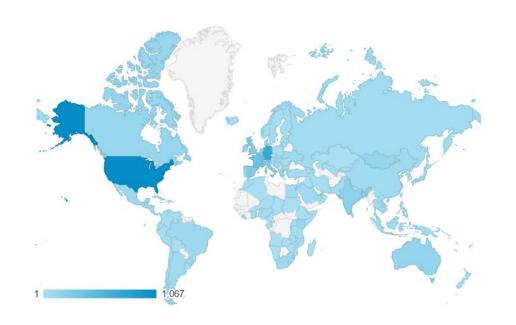
- Launched 22 April 2015
  - 1400+ registered users
  - From 149 countries

#### **Next Steps**

- Technical Concept Guidelines
  - Rooftop PV
  - Off-/Mini-grid applications
  - Small Hydro
  - Bioenergy
- Workshops / Regional adaptations
- Pilot studies with member countries
- Continuous improvement of the tool

Visit us: www.irena.org/navigator

Contact: navigator@irena.org





## IRENA/ADFD: projects selected for funding





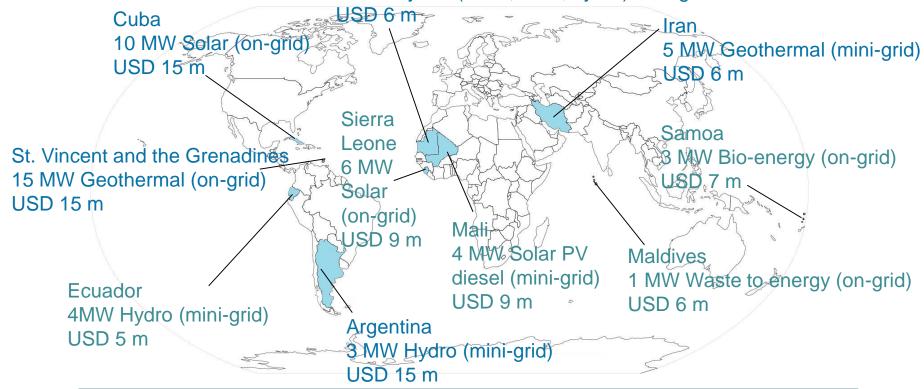
USD 98 million loans allocated USD 146 co-finance

Mauritania

1 MW Wind (mini-grid)

USD 5 m

1 MW Hybrid (Solar, wind, hydro) mini-grid



First cycle projects = USD 41 million loans, USD 44 million co-finance Second cycle projects = USD 57 million loans, USD 102 million co-finance

Note: third cycle results will be announced in January 2016 at the IRENA Assembly

## Fourth cycle



#### Approximately one year for each cycle



Submit Executive Project
Summary applications (option to
automatically register on the
Marketplace)

11 Nov 2015 – 15 Feb 2016

Shortlisted applicants to submit Full Project Proposals

Early May to end-June 2016

Shortlisted applicants informed if selected for funding by ADFD

**End-December 2016** 

See www.irena.org/adfd for details on how to apply

#### **Eligibility**

- Projects can only be submitted from countries that are Members of IRENA (or Signatories of the Statute, or States in Accession).
- Countries must be on the "DAC List of ODA Recipients" from the Organisation for Economic Co-operation and Development (OECD).

#### Loan conditions for all cycles

- Up to 50% of project costs covered by ADFD loans. The rest must be co-financed.
- USD 5-15 million ADFD loans for each project.
- 1-2% interest rates, 20 year loan period including a 5 year grace period.

## **Key Milestones in 2015**



#### Stakeholder engagement at workshops, side events, etc. Official launch Start of implementation Outreach start, road Pre-launch at of the IT solution shows in Africa at COP21 SAIREC, RSA September October November December Start of piloting Launch of Lat Am and 4th cycle of IRENA/ADFD Caribbean platforms phase **Facility starts**