

SCALING UP RENEWABLE ENERGY INVESTMENTS

EEP Knowledge Exchange Forum
3 DECEMBER 2015

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Virtual Market Place for Sustainable Energy Projects

To scale up investments with the objective to support:

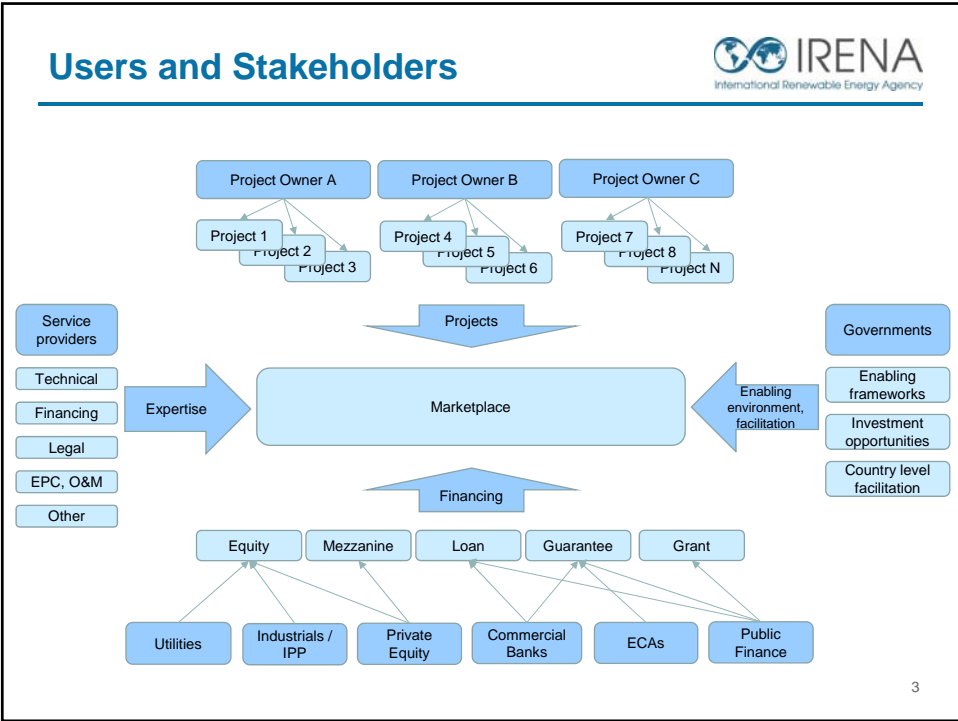
- ✓ initiation,
- ✓ development and
- ✓ financing of sustainable energy projects

By:

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

Coverage:

- ✓ Currently: RE in Africa
- ✓ Soon: RE & EE in all developing countries



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Online platform


The screenshot shows the IRENA Sustainable Energy Marketplace website. The main content area displays key statistics: 16 projects in the marketplace, a combined capacity of 130.8 MW, and a total investment need of 0.32 bn US\$. A map of Africa shows project locations with red pins. The interface includes a navigation menu on the left, a news section on the right, and a project navigator at the bottom.

THE SUSTAINABLE ENERGY MARKETPLACE: a new horizon
 As part of IRENA's objective to sustain and facilitate the spread of renewable energy technologies, IRENA has implemented a virtual


A marketplace facilitated by IRENA and partner institutions

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Online platform



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SUSTAINABLE ENERGY MARKETPLACE

Welcome Marketplace Administrator

help contact


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- LATEST PROJECTS
 - Rwanda Hydropower
 - HydroWest 7.5 MW electricity
 - United Republic... Hydropower
 - Hydroelectric fu... 1.7 MW electricity
 - Rwanda Hydro 20 MW

Projects Search


PROJECT NAME	ORGANISATION NAME	PROJECT TECHNOLOGIES	COUNTRY	CAPACITY	TOTAL INVESTMENT (BILLIONS USD)	STATUS OF PROJECT	EXPECTED START OF CONSTRUCTION	EXPECTED START OF OPERATION
Hydropower - KABONDO - DIANDA	SOCIETE AFRICAINE DE DEVELOPPEMENT RURAL	Hydropower	Democratic Republic of Congo	5	12.42	Feasibility	10/1/2017	5/1/2019
Hydropower - KAPOLOVE - KATANGA	SOCIETE AFRICAINE DE DEVELOPPEMENT RURAL	Hydropower	Democratic Republic of Congo	5	18.83	Feasibility	10/1/2017	5/1/2019
Hydropower - LUBUDI	SOCIETE AFRICAINE DE DEVELOPPEMENT RURAL	Hydropower	Democratic Republic of Congo	5	9	Feasibility	10/1/2017	5/1/2019
Hydropower - LUAMBO	SOCIETE AFRICAINE DE DEVELOPPEMENT RURAL	Hydropower	Democratic Republic of Congo	10	15.18	Feasibility	10/1/2017	5/1/2019
Hydropower - BURAMA	SOCIETE AFRICAINE DE DEVELOPPEMENT RURAL	Hydropower	Democratic Republic of Congo	5	7.95	Feasibility	10/1/2016	5/1/2019
Hydropower - FUNGURUARE	SOCIETE AFRICAINE DE DEVELOPPEMENT RURAL	Hydropower	Democratic Republic of Congo	10	11.4	Feasibility	10/1/2017	5/1/2019
Biogas Sales Project	INAHURURU WATER AND SANITATION	Biogas - Fuel Production	Kenya	580	0.25	Pre-feasibility	12/1/2016	3/1/2016
Mini Grid Roll out Tanzania	JUMEME - Rural Power Supply Ltd.	Hybrid - Diesel/Renewable	United Republic of Tanzania	15	18	Financing	12/1/2015	7/1/2015

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Online platform



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JUMEME - Rural Power Supply Ltd.

Mini Grid Roll out Tanzania

United Republic of Tanzania - Hybrid - Diesel/Renewable

15 MW electricity \$18.00 2,500 MW electricity

MINI-GRID PRIVATE

LAND ACQUISITION IN PROCESS, FINAL STAGE

PERMITS IN PROCESS, FINAL STAGE

FEASIBILITY STUDIES FINALIZED

AGREEMENTS IN PROCESS, FINAL STAGE

FINANCING PROCESS IN PROCESS, FINAL STAGE

12/1/2015 7/1/2015

Expected start of construction Expected start of operation

PROJECT LEVEL IRR: 12% EQUITY IRR: 25% DIRECT PAYBACK PERIOD: 5 Years

Project summary

Contact information


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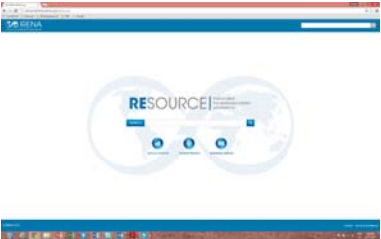
leo.schiefermueller@irena-projects.at


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Tools and Databases




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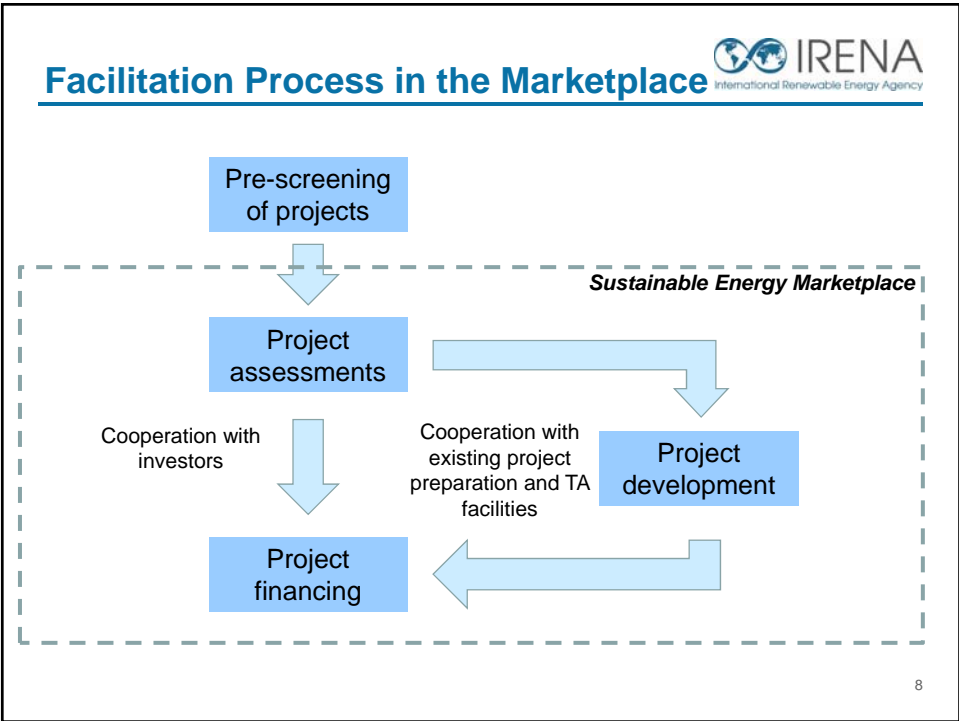








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Prioritising the Activities



- Activities
 - Project facilitation
 - Webinars and events
 - New content and functionalities

- How to prioritise?
 - Involving investors and advisors
 - Analysis of the activity in the marketplace
 - Surveys carried out in the marketplace

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Engaging partners in project facilitation



Objective: Making projects visible, supporting project development, match-making and coordination

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Thank you!



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www.irena.org/marketplace

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Positioning of the Marketplace: Main stakeholders and their roles



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IRENA SUSTAINABLE ENERGY MARKETPLACE

PROJECT HOST COUNTRIES

- Promote project portfolios
- Create enabling investment environments

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PROJECT OWNERS

- Ensure visibility for projects
- Identify investors and advisors
- Share data

FINANCIERS

- Originate deals
- Project development support
- Co-financiers
- Provide country data

SERVICES & TECHNOLOGIES

- Attract new customers
- Generate and share data

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