

Africa-EU Renewable Energy Cooperation Programme

Creating opportunities for renewable energy



Trade Mission

Business Opportunities for Solar Energy in Mozambique

23 – 27 October, 2017 | Maputo, Mozambique

The Africa-EU Renewable Energy Cooperation Programme (RECP) cordially invites you to participate in the trade mission to Mozambique from 23 to 27 October 2017. Participating companies are also invited to attend the conference: "Renewables for the Electrification of Mozambique" organised by the Lusophone Renewable Energy Association (ALER) on 25 and 26 October.

Who Should Attend?

Project developers, manufacturers, service providers, consultants from **the solar industry including:**

- » Diesel substitution and hybrid solar-battery systems
- » System integrators, energy management systems and storage solutions for islands and mini-grids
- » Manufacturer and provider of PV components: inverter modules, meter readers for network supply and charge controller and batteries for off-grid usage
- » Service and installation of rooftop PV and solar cooling

Benefits for Participants

- » Establish direct contact with businesses and local authorities
- » Discover market potential and opportunities for investment
- » Gain thorough insight on local regulations and business culture
- » Networking environment with handpicked African participants
- » Opportunity to participate in an international conference on renewable energy in Mozambique organised by ALER and RECP
- » Access to a broad range of renewable energy stakeholders from Mozambique and Africa (up to 250 participants)
- » Organised B2B meetings

Programme: 23 - 27 October 2017

SUN 22	Arrival day
MON 23	Briefing and site visit <ul style="list-style-type: none"> » Comprehensive briefing of European participants » Site visit
TUE 24	Workshop <ul style="list-style-type: none"> » Input on market potentials from Mozambican expert speakers » Introduction of European companies » Financing renewable energy projects in Mozambique » Evening reception
WED 25	ALER conference - Renewable Energy for the Electrification of Mozambique <ul style="list-style-type: none"> » Presentations on regulatory and policy framework » Organised B2B meetings
THUR 26	ALER conference day two <ul style="list-style-type: none"> » Off-grid: mini-grids and solar home systems » On-grid: large scale IPP projects and small projects
FRI 27	Roundtable and/or site visit <ul style="list-style-type: none"> » Visit at institution or company » Time for individual appointments

Preliminary outline programme, subject to change.

Conditions for Participation

- » Registered business in the EU
- » Appropriate focus of industry/technology
- » Exportable products and services
- » On-time registration as admission is granted on "first come, first served" basis



Market Overview

Mozambique’s electricity market is dominated by hydropower generation, largely utilised for exports to neighbouring South Africa and Zimbabwe via the Southern African Power Pool (SAPP). Demand for electricity has risen by over **11%** per annum on average between 2009 and 2014 and generation capacity is expected to increase to **3,138 MW** by 2022 and **4,163 MW** by 2030. In this scenario, IPPs will become the largest group of energy generators.

Market Potential for Solar Energy

Mozambique has significant and virtually unexploited solar potential. Global horizontal irradiation varies between **1,785** and **2,206 kWh/m²/year**. In total, Mozambique has a potential of more than **2.7 GW** that could be easily harnessed. This potential offers many possibilities for grid-connected and rural electrification off-grid projects. The Renewable Energy Atlas identified **189 locations** for grid-connected power plants close to existing substations with a total capacity of **599 MW**. Since the rural population is highly dispersed, the majority are dependent on batteries and diesel mini-grid systems. Increasingly, stand-alone solar PV systems are picking up and the potential for solar nano/micro grids is high. Private sector off-grid electrification has an identified market potential of approximately **4 million households**.

The Trade Mission

The trade mission will consist of up to 15 European companies interested in the Mozambican market for solar energy.

The RECP trade missions aim to **stimulate** the market for renewable energy in Africa by encouraging and supporting private sector engagement. More specifically, the missions will create **opportunities** for African and European companies to develop partnerships, acquire know-how, identify investment opportunities and support technology transfer.



Participation in the trade mission is free of charge; however, participants are expected to organise their travel themselves and at their own costs.

For further information please visit:

<https://www.africa-eu-renewables.org/events/>

Please click here to register:

<http://www.eclareon.com/en/recp-register-mozambique>

or contact:

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