
Cabo Verde SIDS DOCK

Distributed Solar Energy Systems Project



Renewable Energy Workshop
Praia, Cabo Verde
May 30-31, 2016

PROJECT DESCRIPTION

The project seeks to **increase the generation of solar energy in Cabo Verde**

The USD 1 million grant will finance **three components**:

- (i) **Co-financing** of the initial investment: support the installation of a capacity of 300 kW of solar PV and water heating equivalent in a minimum of three sites.
- (ii) **Technical assistance (TA)**: comprehensive assessment of the market for rooftop solar panels and water heaters in the residential, commercial, and industrial sectors in Cabo Verde, and targeted TA to the GOCV with the design and implementation of enabling regulations.
- (iii) **Implementation support**: to support technical implementation and dissemination of the results and the lessons learned.

The grant was signed on February 10, 2016 and will be implemented under the supervision of the *Direcção Geral de Energia (DGE)* by the *Unidade de Gestão de Projectos Especiais (UGPE)*.

KEY PROJECT FEATURES

⇒ Focus on sustainability and scale up potential

- **Co-financing of investments:** clear demand from the client to ensure ownership and real involvement of the beneficiaries, and replication potential.
- **Strengthening enabling environment:** market assessment, regulatory framework review, tasks to identify as needed.
- **Implementation support and communications/dissemination:** to ensure smooth implementation and ensure participation/ownership of new actors (hospitals, banks)


NEXT STEPS FOR PROJECT IMPLEMENTATION

- **Engagement of project stakeholders** (hospitals, banking sector), to agree on MoU and investment agreements
 - Launching of **feasibility and market** studies
 - **Identification of TA needs**, in coordination with other donors, to avoid duplication of efforts and support an integrated and efficient approach
- ⇒ Beyond project investments, objective is to support a **realistic strategy** and the implementation of a roadmap for **scaling up RE** technology in CV.

ROADMAP FOR SCALING UP RE INTEGRATION

- Assessment of **technical barriers** to increased RE integration: grid integration studies to identify the best technical solutions to achieve higher shares of VRE while maintaining reliability and affordability.
- Analysis of **financial barriers** to increased RE generation: financial impact of RE on the utility finances, business models for distributed generation, involvement of local banks, etc.
- Strengthening of **regulatory framework**: grid code (ongoing), challenges linked to distributed generation, minimum standards for import of equipment, regulation of business models, etc.
- Implementation of **planning tools** and **definition/review of incentives framework** taking advantage of the international experience in other islands (Hawaii, Philippines, Canary islands, etc..)

Thank you

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