



# **ECOWREX**

Regional Workshop on GIS for Energy Planning

PRESENTATION OF ECOWREX2 PROJECT
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### **Presentation Outline**

- Background & Objectives
- Content of ECOWREX
- ECOWREX2 Project



### BACKGROUND & OBJEVTIVES

ECOWREX was launched in October 2012, at the 11<sup>th</sup> meeting of the ECOWAS Energy ministers.

### Overall goal

To mitigate the existing information and Knowledge barriers in the energy Sector

### Objectives --

Provide reliable
and targeted
information to
policy makers,
investors and other
stakeholders
about the energy
sector, in West
Africa

Build up a network of key players both local and international, to share the best practices and technical knowhow



## CONTENT OF ECOWREX

- Country Profile
  - Data Contributors
  - Glossary
  - Submit Data
- Map Viewer
- Resources
  - Project
  - Stakeholders
  - Power Plants
  - Documents



### NEW COUNTRY PROFILE

INFOGRAPHICS







#### **COUNTRY Profiles**





Electricity/Energy Regulator

**Electricity Operator** 



### NEW COUNTRY PROFILE

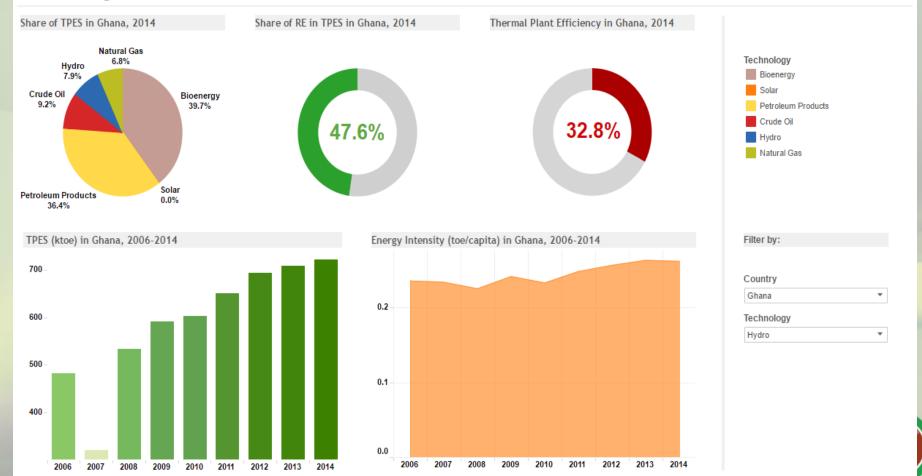
INFOGRAPHICS

GLOSSARY

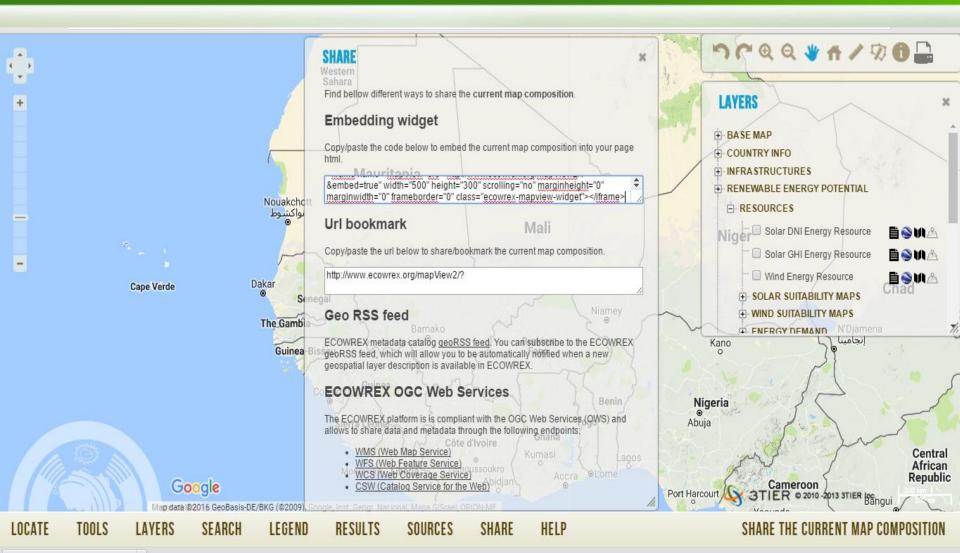
CONTACT US



### Country Key Performance Indicators



### MAP VIEWER





### ECOWREX GEONETWORK



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Environment









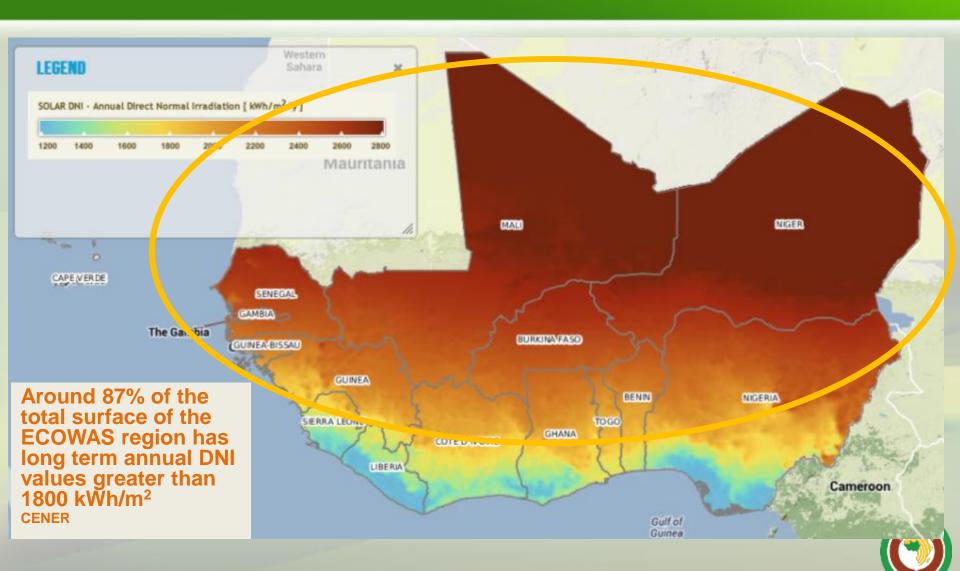


#### Browse resources





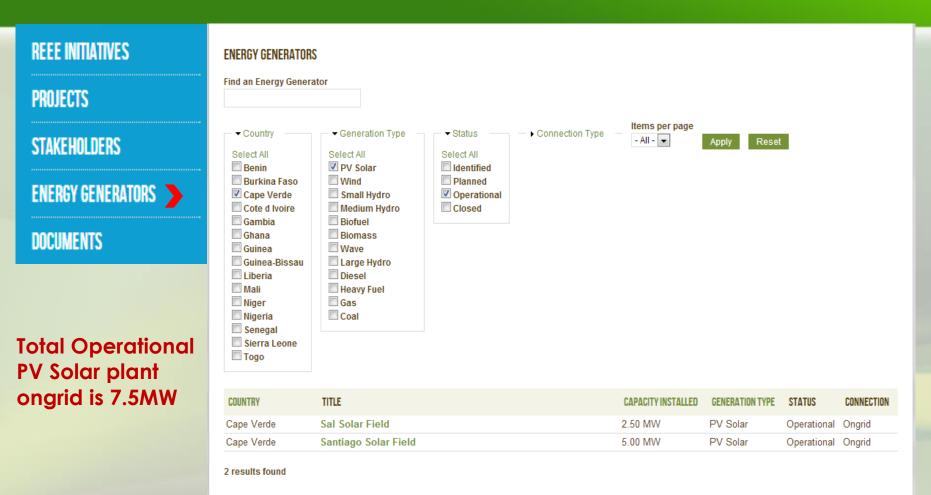
# SOLAR POTENTIAL



# WIND POTENTIAL



### Resources



Searching for capacities of operational or planned power plants in the ECOWAS region

### ECOWREX2 PROJECT

"Promoting Sustainable Energy Access through the use of Geospatial Technology in West Africa"

Executed under the ACP-EU Cooperation Programme in Science and Technology II (S&T II), which aims to contribute towards building and strengthening capacities in the areas of Science, Technology and Innovation in ACP countries.

Total Budget for 2 years: 1,090,836.36 EURO

EU Grant: 927,201.47 EURO

**Co-Financing: 163,631.89 EURO** 









# Objectives

### The overall objectives are:

- Contribute toward addressing existing Knowledge and Information barriers hindering development in the Energy sector in West Africa.
- Support member states to Identify most favourable technologies for improving access to electricity

### SPECIFIC OBJECTIVES

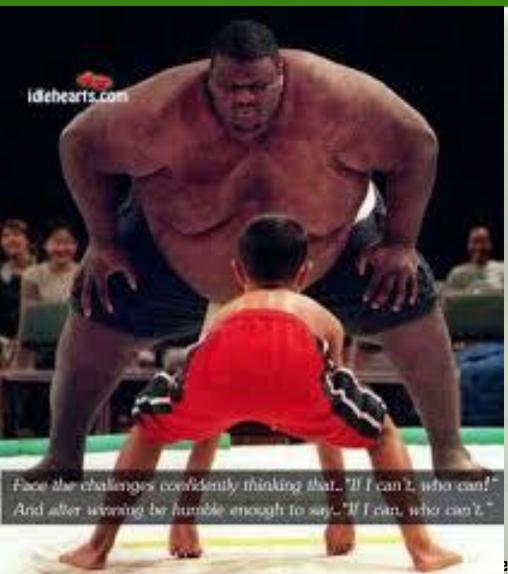
- 1. Develop a complete spatial data infrastructure (SDI)
- 2. Enhance existing solar and wind maps on the ECOWREX platform
- 3. Develop electricity access maps and identify most appropriate and cost effective technology for improving access to un-electrified communities
- 4. Develop a ratio map between power consumption vs green power production potential
- Capacity building for member states to promote the use of Geospatial Technology

### **PARTNERS**

- 1. Noveltis S.A S, France
- 2. Department of Energy, Ministry of Tourism, Industry and Energy, Cabo Verde
- 3. Université de Genève, Switzerland (UNIGE)
- 4. The Energy Center, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana
- 5. Offcourse, and you



# **CHALLENGES!**



DATA



# Thank You! Merci! Obrigado!









www.ecreee.org





