

Map: Wind maps 5 and 10 km by CENER

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Africa 10 m height 10km CENER 2008-2010


- 0.877-1 m/s
- 1-1.5 m/s
- 1.5-2 m/s
- 2-2.5 m/s
- 2.5-3 m/s
- 3-3.5 m/s
- 3.5-4 m/s
- 4-4.5 m/s
- 4.5-5 m/s
- 5-5.5 m/s
- 5.5-6 m/s
- 6-6.5 m/s
- 6.5-7 m/s
- 7-7.5 m/s
- 7.5-8 m/s
- 8-8.5 m/s

Europe 10 m 10km CENER 2010-12

- 1 m/s
- 2 m/s
- 3 m/s
- 4 m/s

-535.671 km, 10439.769 km | 1 : 55468034

Imagerie ©2014 NASA, TerraMetrics



Demonstration on ECOWAS

- Partners:



ECOWAS CENTRE FOR RENEWABLE ENERGY AND ENERGY EFFICIENCY



CENER

NATIONAL RENEWABLE ENERGY CENTRE



DLR

Deutsches Zentrum für Luft- und Raumfahrt
German Aerospace Center



JRC

EUROPEAN COMMISSION



- Why ECOWAS?



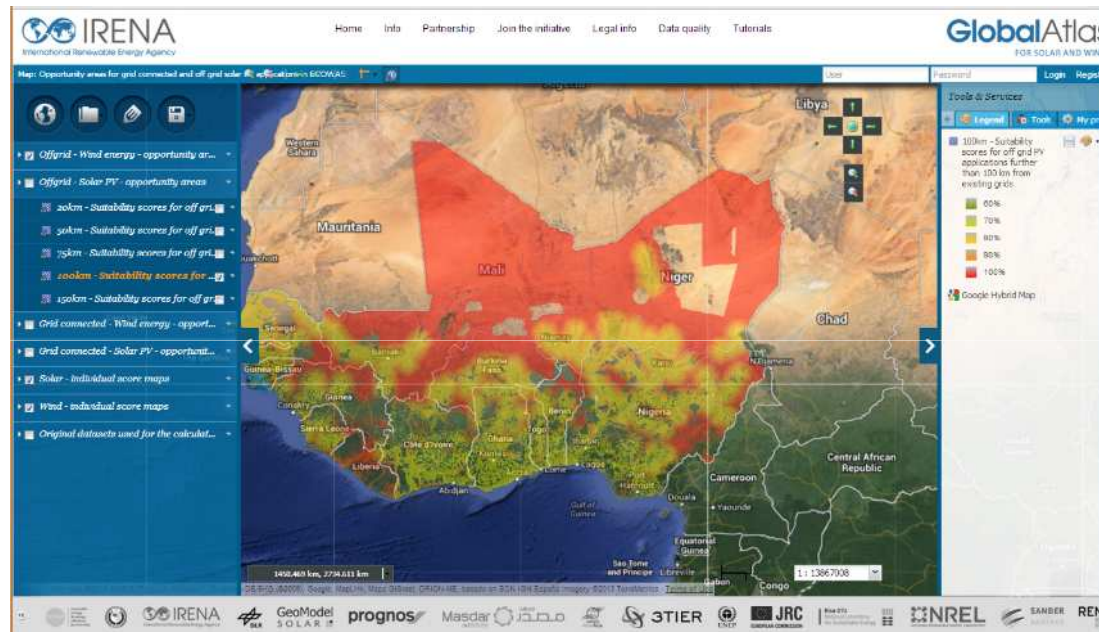
Objective

- Demonstration of the capabilities of the Global Atlas for zoning opportunities
- The hypothesis are NOT final, but shall be discussed and reviewed
- The purpose is to initiate the dialogue to energy planning authorities, review and converge towards areas of interest for further assessment

Approach

- Opportunity based = a score of suitability is allocated at each point
- 4 categories – solar, wind, grid connected, offgrid
- Several scenarios – PV 20/75/100/150 km, wind 50/75/100/150
- Available online (publications upcoming) - <http://irena.masdar.ac.ae/?map=507>

Results (live demo)



<http://irena.masdar.ac.ae/?map=507>