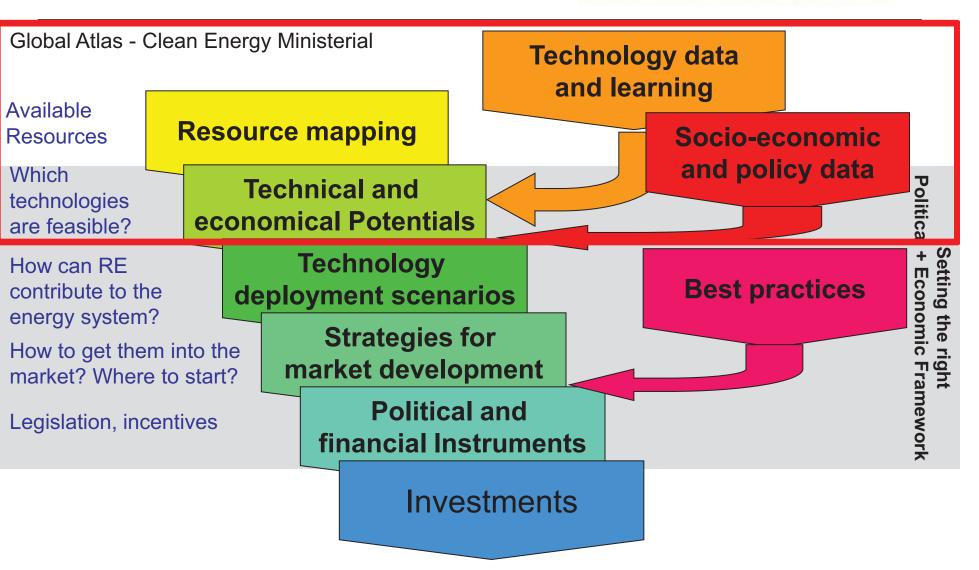


Global Solar and Wind Atlas Introduction

Dr. Nicolas Fichaux, IRENA

Why evaluating potentials?





The Global Atlas vs. <u>A</u> Global Atlas

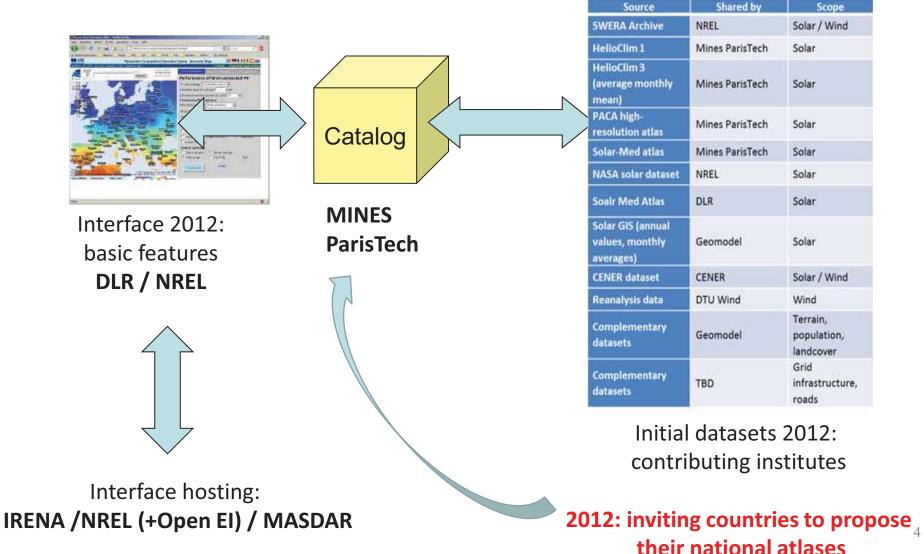


- A truly international initiative to jointly develop the reference for Solar and Wind potentials
- Building on the existing systems and databases and available knowledge

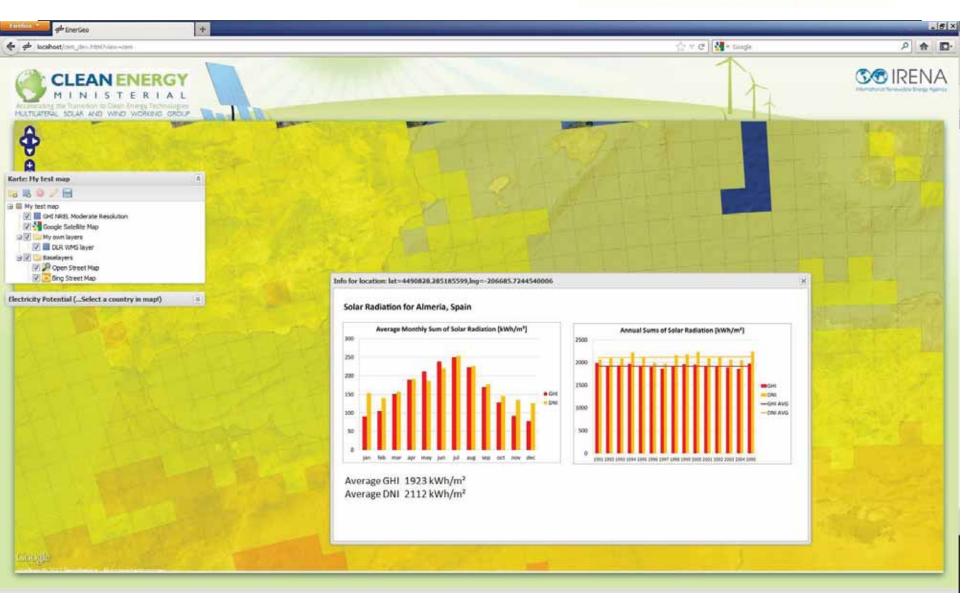


An open architecture

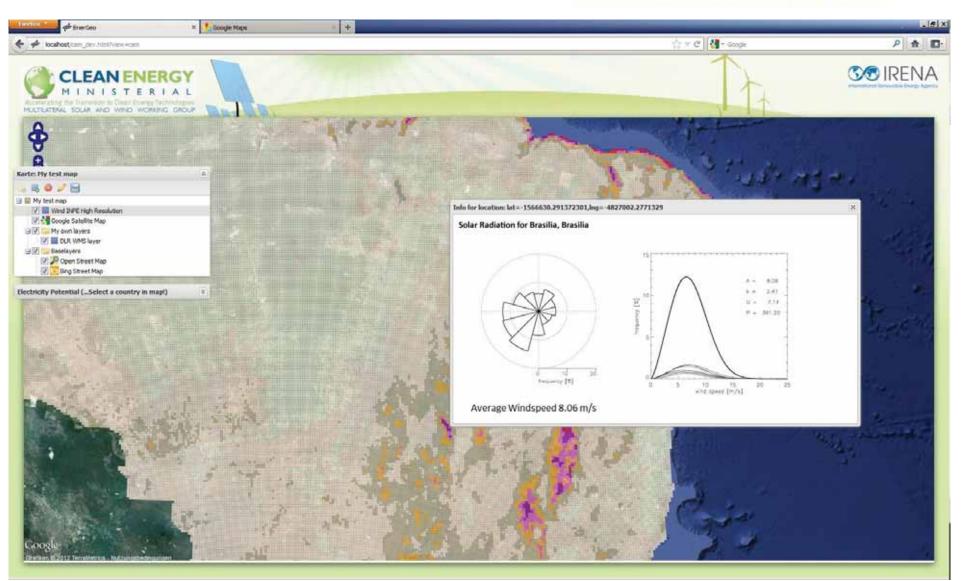




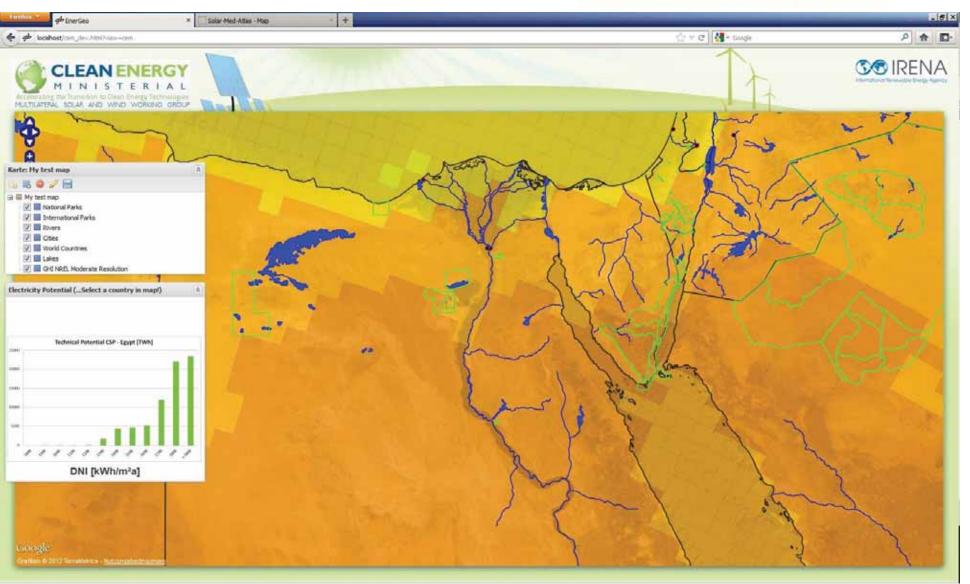




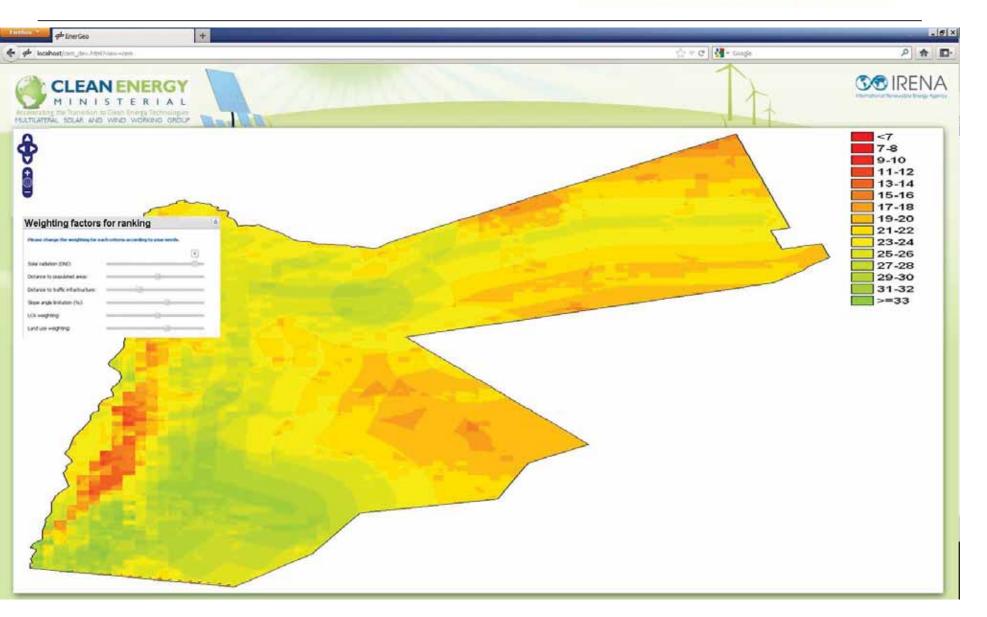












Timeline



End 2011 **Prototype** January 2012 First end user workshop **Enhanced partnership CEM 25 April 2012** _____ **Rio+20** High level event on the Global Atlas End user group review **IRENA Council Oct. 2012 Operational system demo. IRENA Assembly Jan. 2013** Adding online analysis tools From 2012 Adding socio-economic aspects

2012

Adding bioenergy, hydropower

(costs, jobs)

9

ESMAP contribution



- Global atlas preliminary screening in support to decision making, initiating further investigations
 - Reliable data, and level of confidence
 - Preliminary analysis highlighting areas of possible interest
- Needs to be followed up by local analysis
 - Measurement campaigns
 - Collection of ancillary information
 - Using state of the art methods, standards
 - Consolidating the information through a central repository
 - Providing a one-stop-shop for financing
 - Ensuring the information is eventually used for decision-making



Thank you for your attention

http://youtu.be/40ezihCzJLA

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