



# CEM Multilateral Working Group on Solar and Wind Energy Technologies



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## Areas of activity

- A Global Solar and Wind Atlas
- A Long-term Strategy on Joint Capacity Building

New activity:

- Analyzing Opportunities for Economic Value Creation along the Solar and Wind Value Chains



## Working Group Meetings

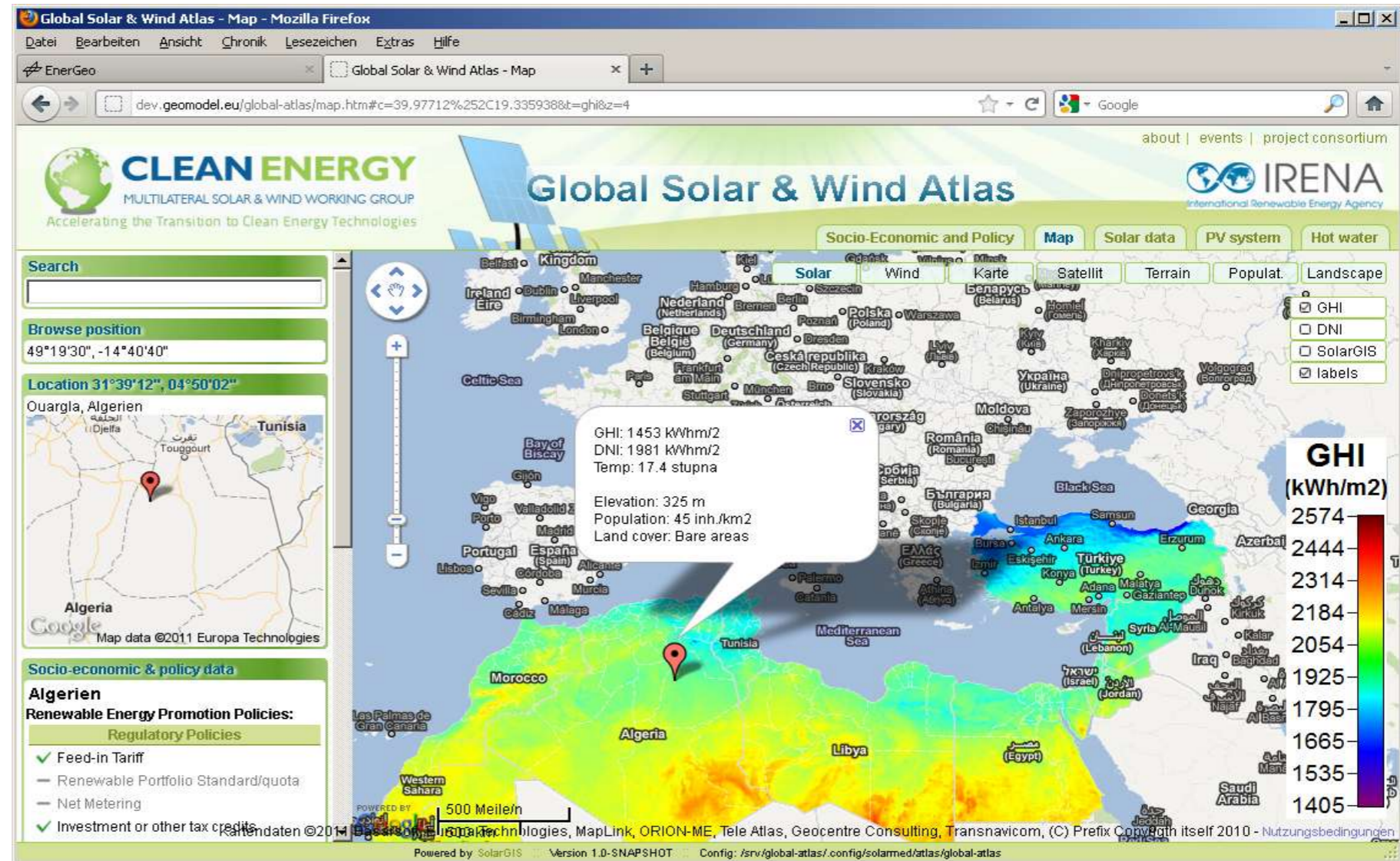
**Bonn, June 2010; Madrid, November 2010; Copenhagen, May 2011; Berlin, November 2011**

Expert Meetings throughout 2011 on Capacity Building in Madrid, and on the Global Solar and Wind Atlas in Stuttgart (DLR), Geneva (WMO/IRENA), Colorado (NREL/IRENA) and Abu Dhabi (IRENA)

**Next Working Group Meeting hosted by Spain in June/July 2012**

# 1. A Global Solar and Wind Atlas

- Prototype of the Global Atlas
- Integration of first datasets
- End User Assessment:
- Online Survey
- Interviews
- End User Workshop alongside IRENA Assembly



- Joining signature ceremony during CEM 3 in London

## 2. Capacity Building: IRENA Renewable Energy Learning Partnership (IRELP)

### Presentation:

- A worldwide web-based repertoire of education and training activities on RE
- Implementation by IRENA in collaboration REEEP, CIEMAT, E+Co and NREL.

### Where are we?

- Prototype ready and discussed between partners in January 2012 during WFES;
- Database (Education & Training, Library, Webinars) is being developed;

### Next steps:

- Portal ready for testing: End February 2012;
- Launch at the next CEM meeting in April 2012;
- From April on: dissemination (joint event with partners)

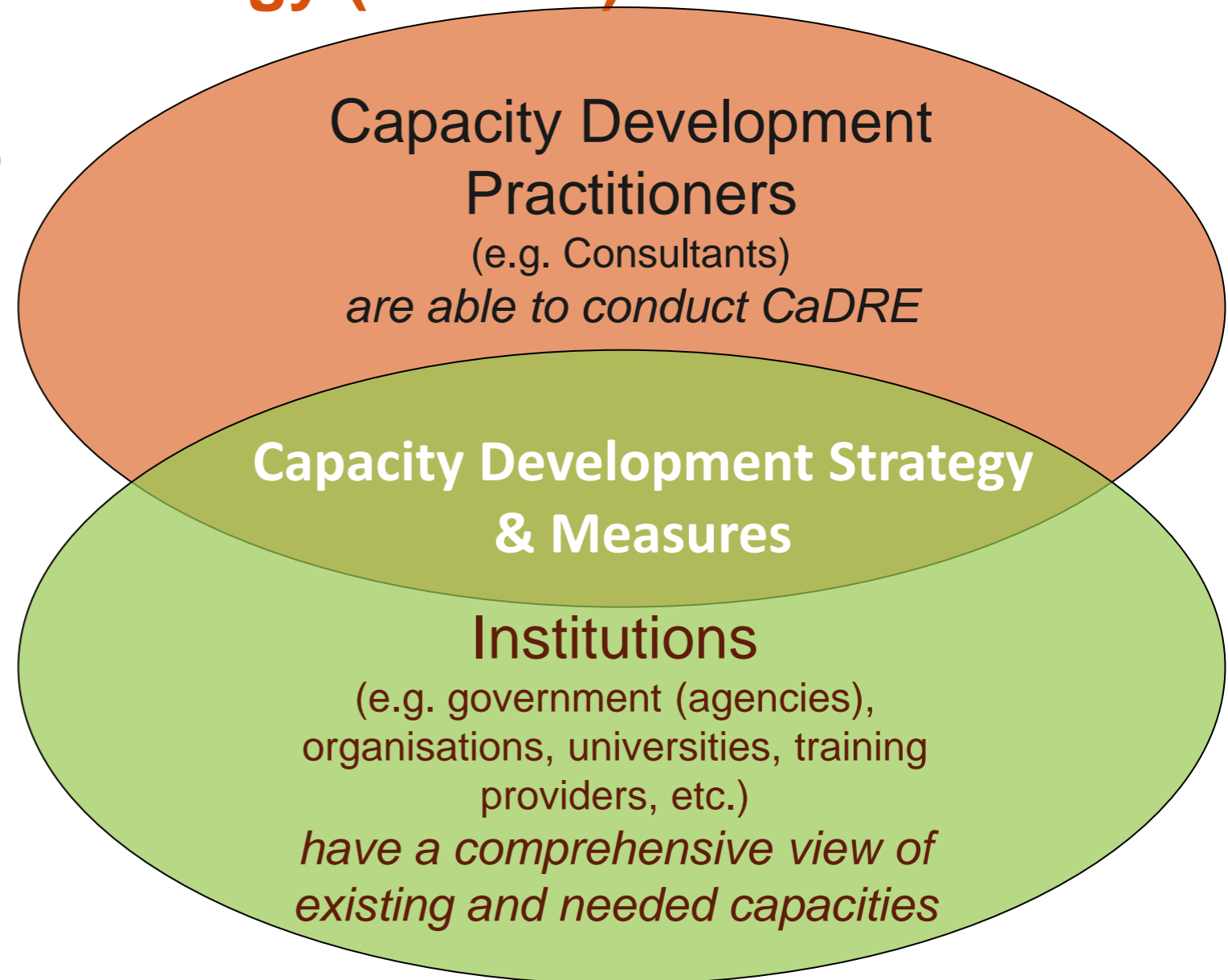


## 2. Capacity Building: Train-the-Trainers

- Concept developed for online and face-to-face seminars
- Concepts ready for implementation
  - face-to-face concept used in ongoing projects in Costa Rica and Mexico
  - scholarships for Online Master's program

## 2. Capacity Building: Capacity Development Needs Diagnostics for Renewable Energy (CaDRE)

- Handbook & Toolbox:
- Guidelines and Practical Tools to conduct CaDRE
- Based on existing methodologies and tools
  
- Join us:  
[www.ca.energypedia.org](http://www.ca.energypedia.org)



## 2. Capacity Building Institutions Network (CABIN)

English / Español



### CABIN

During the 3rd Workshop of the **MWGWS** held in Copenhagen on the 19th of May 2011 it was presented the proposal to develop the idea of creating a formal network of technical experts on capacity building to link relevant capacity building institutions of different countries in order to coordinate and induce systematic capacity building actions:

### Capacity Building Institutions Network – CABIN

**CABIN** aims to achieve long and medium term objectives (e.g. expertise development, networking). But during its set-up and initial phase it will concentrate on enhance communication and network creating through collaborative web-site for internal and external use of the involved capacity building institutions.

Improving the working methods and tools with a systematic approach, would bring efficiency, better communication and easier coordination among all the actors. **CABIN** is designed as an open and flexible on-line network for all the participants. Participating and joining the network will be done under voluntary basis.

CABIN

About CEM

CABIN Members

Pilot projects

Atlas

Documents

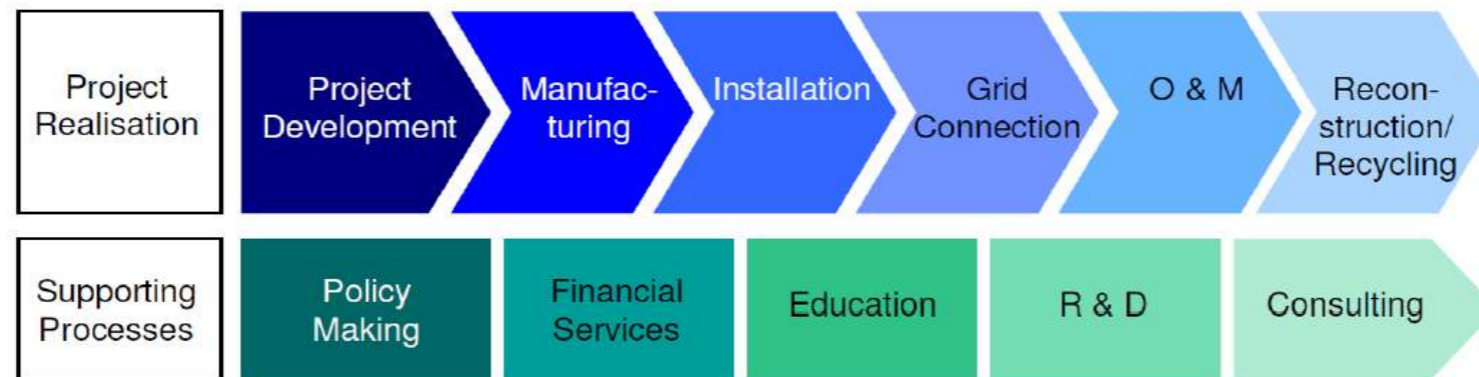
News and Events

Contact

[www.cabincem.org](http://www.cabincem.org) | [cabincem@idae.es](mailto:cabincem@idae.es)

### 3. Analyzing Economic Value Creation along the Solar and Wind Value Chains – new activity for CEM 4 in Delhi

- Motivation: the renewable energy sector's contribution to value added within the economy



- Berlin Meeting Nov 2011: Presentation of Input Paper and initial feedback from interested parties
- Next Steps: Receiving more feedback, gathering interested stakeholders, further defining scope and outcome of new activity
- Download Paper:  
[http://www.cleanenergyministerial.org/our\\_work/solar\\_and\\_wind/resources.html](http://www.cleanenergyministerial.org/our_work/solar_and_wind/resources.html)



**Thank you!**

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**Solar and Wind**

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**CLEAN ENERGY**  
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Accelerating the Transition to Clean Energy Technologies