



Med energy context the role of RES4MED

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RENEWABLE ENERGY SOLUTIONS
FOR THE MEDITERRANEAN



Renewable Industry Advisory Board

Why the new initiative RE Solutions for the Mediterranean



Why a new initiative

Starting in Italy

RES4MED was created in 2012 out of the need to **aggregate and enhance the collective value of leading competences based in Italy** and position them **in dialogue with SEMC** countries

Italy has a **remarkable track record in deploying RE systems**; *thanks to a very favorable policy framework has deployed more than 600.00 distributed RE plants and systems and more than 25 million digital meters have been installed in the distribution grid, making the country an interesting laboratory for deployment of RE systems.*

Italy represents a natural **hub for all RE Med Initiatives**, being a potential future importer/exporter.

RES4MED will contribute to **connect Italian institutional decision makers** to the international context.

RES4MED stakeholders

RES4MED is a **network of international leaders**, whose mission is to **accelerate the deployment of RE solutions** and their **integration** in the **local and regional markets**

Members



Associated



Academic excellences



POLITECNICO
DI MILANO



POLITECNICO
DI TORINO



Università Commerciale
Luigi Bocconi

Focus of RES4MED

- **a direct dialogue** with **institutions, utilities and industrial stakeholders** of Southern and Eastern Mediterranean Countries (SEMC) *to contribute to assess their needs, share know how and promote collaboration;*
- **promote the deployment of medium-size plants** (RES and hybrid), **distributed generation** concepts, **efficiency measures** ;.
- **promoting capacity building and training** in SEMC **encourage education and vocational training**, like.
- **promote a local manufacturing and services industry**, *upward in the supply chain and enabling local companies to compete against internationals in their home markets.*
- **foster South-South interconnections** to develop a **regional SEMC integrated market**: *by strengthening intra-SEMC interconnections; promoting south-south cross-border power transactions to follow market drivers as well as for balancing reason*

Main activities

- Support SEMCs in **regulatory framework design** that can ensure optimal integration of RES and non-RES in the electricity market by
- **Propose distributed energy solutions** (*like pv systems, hybrid village power, smart district, biomass, biogas from urban waste and agricultural residues, optimal market design of future systems, storage solutions, efficient public lighting*)
- **Provide a “clearing house” for the collection, classification, dissemination of studies, projects and analysis** conducted by institutions, investors, companies, researchers and any other relevant stakeholders. The **Knowledge Management System (KMS)** available to all on the home page
- **Organize training events in SEMC countries**
flagship exchange programs; select and disseminate international best practices. *In 2014 several one day workshops - run by member experts -will be organized in many SEMC countries to share know how involving middle-management*

In collaboration with key initiatives

to add value to lessons learned, enhance awareness and provide common independent policy and regulatory advice;



Union for the Mediterranean
Union pour la Méditerranée
الإتحاد من أجل المتوسط



Collaboration with other initiatives

- supports **Union of the Mediterranean's**, proposing a strategic framework for private sector investments and for **furthering public private partnerships**
-
- contributes to **IRENA's studies and projects**.
RES4MED is a founding member of the **Coalition for RE social acceptance** and participates in the following IRENA projects:
 - True cost of Energy and the role of energy subsidies;
 - Jobs in renewable energy (reJobs);
 - Socio-economic value creation of large-scale solar and wind energy (econValue);
- Is considering to support the **IEA Low Carbon Technology Platform** and **RE Industry Advisory Board**, *as the MENA region is concerned*

Proposed partnership with IEA LCTP

- **International conference on “A step change in the deployment of RE solutions in the Mediterranean”**
Milan, 8th May 2014 at Solar Expo, New Fair
- **A one-day workshop organized by RES4MED** in Morocco, Tunisia, Egypt, Turkey, Jordan in 2014 , addressed to institutions, utilities, agencies, financing, industry.
- **a «RES4MED» advanced course of two weeks on the Integration of Renewables in the Mediterranean**
in collaboration with the Department of Energy - Politecnico di Milano
- **The Knowledge Management System** share

A new context requires new solutions



Thank you for your attention

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