



RENEWABLE ENERGY SOLUTIONS  
FOR THE MEDITERRANEAN

## **Session 4**

# **Developing and implementing policy frameworks at the local level**

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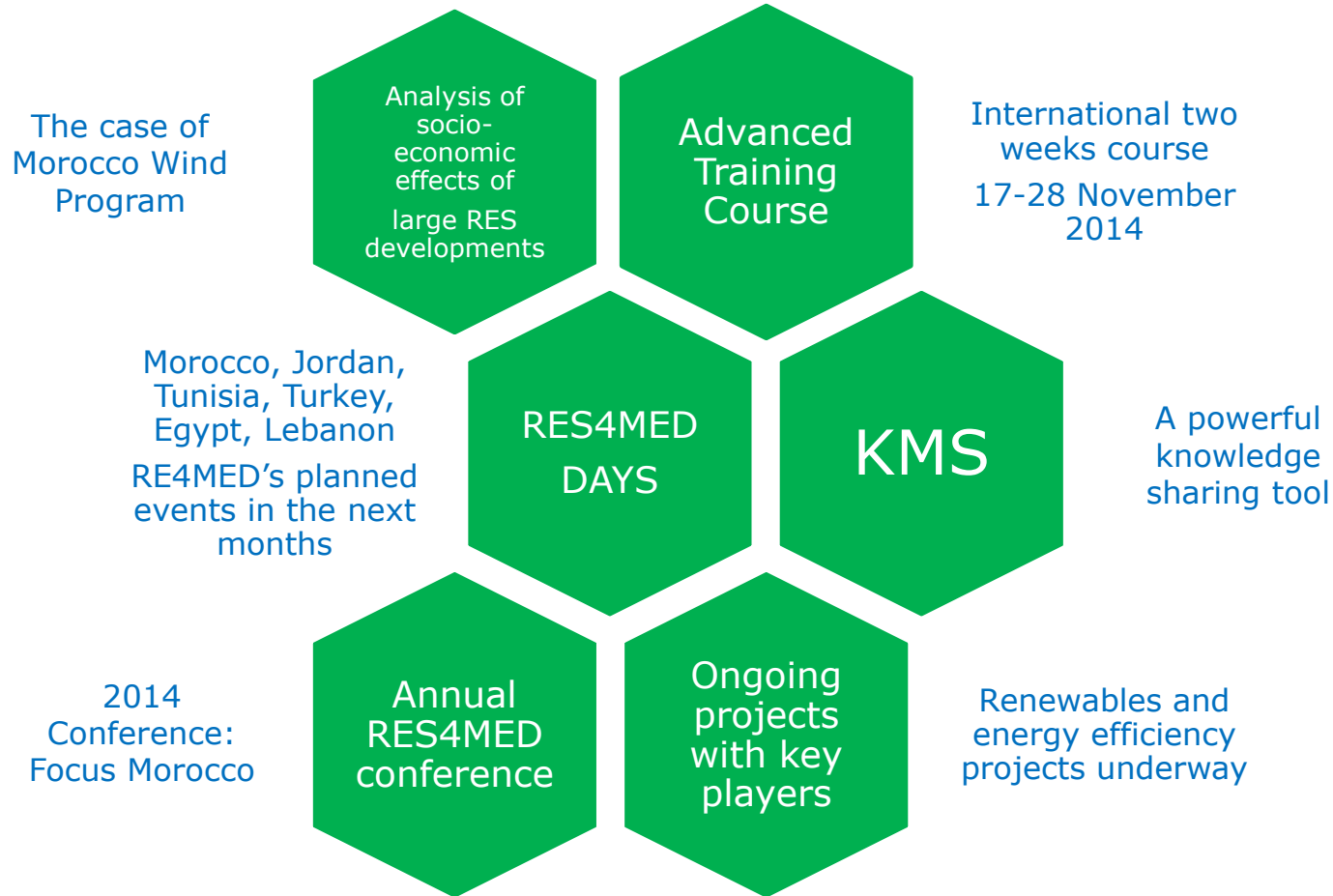
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*23 September 2014*

*Expert Workshop: Policy Best Practices for Accelerating the Deployment of Low-Carbon Energy and Climate Technologies*

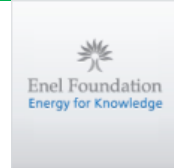
# Main activities: a snapshot



# Advanced training course

*Polytechnic of Milan - Bovisa Campus - 17/28 November 2014*

*The course is supported by **Enel Foundation**, also involved as co-organizer*



## Aim

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Provide participants with a set of **technical, economical and regulatory tools** to assess the most appropriate **solutions** in different energy contexts for an efficient and effective **integration of renewables in the electricity market**

## Structure

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The course foresees lectures on the main **technical, regulatory and financial features** given by qualified international and Italian experts, academics (PoliMi, PoliTo, Bocconi) and highly skilled technicians, matched with visit to innovative laboratories and power plants

## Target

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The target audience consists of young professionals coming from the following Southern and Eastern Mediterranean countries (Algeria, Egypt, Israel, Jordan, Lebanon, Libya, Morocco, Palestinian Authority, Tunisia and Turkey), young professionals coming from RES4MED shareholders and 10 Ph.D. students and Researchers coming from Italian Universities. Places for Ph.D. and researchers are available for open registration.

**The free of charge participation for at least 15 attendees from SEMCs, for which the organizers will cover travel and accommodation costs as well**

# Knowledge management system



## The Knowledge Management System - KMS

(<http://www.res4med.org/site/home>) available on the home page is the RES4MED's key instrument for knowledge sharing

**RES4MED** provides a "clearing house" for the **collection and classification** of **studies, projects and documents** edited by institutions, agencies, investors, researchers, universities, NGOs and other relevant stakeholders

The **main goals** for the **KMS** are:

- **Share knowledge and ideas** between the various initiatives and associations in the Mediterranean
- Promote a **more efficient use of resources** and avoid duplication of analysis and projects already carried out
- Promote **collaboration among MED stakeholders** involved in renewable energy promotion
- Keep track of RES4MED's **communication activities** and **learning events**
- Propose and/or participate in **specific projects** and **analysis** initiatives, associations, partnerships



## One-day local workshop

**"A step change in the deployment of renewables and energy efficiency solutions in the Mediterranean"**

### Morning session

#### Key Local Stakeholders

- Government
- Agencies
- Energy companies
- Financial institutions
- Industrial players
- Universities

### Afternoon session

#### RES4MEDI Members Initiatives

- Distributed energy solutions
- Biogas from urban waste
- Energy efficiency
- Smart grids
- Best practices from Italian market

**6 countries events  
planned in the next  
12 months**

September, 16<sup>th</sup>



Morocco, Rabat

November

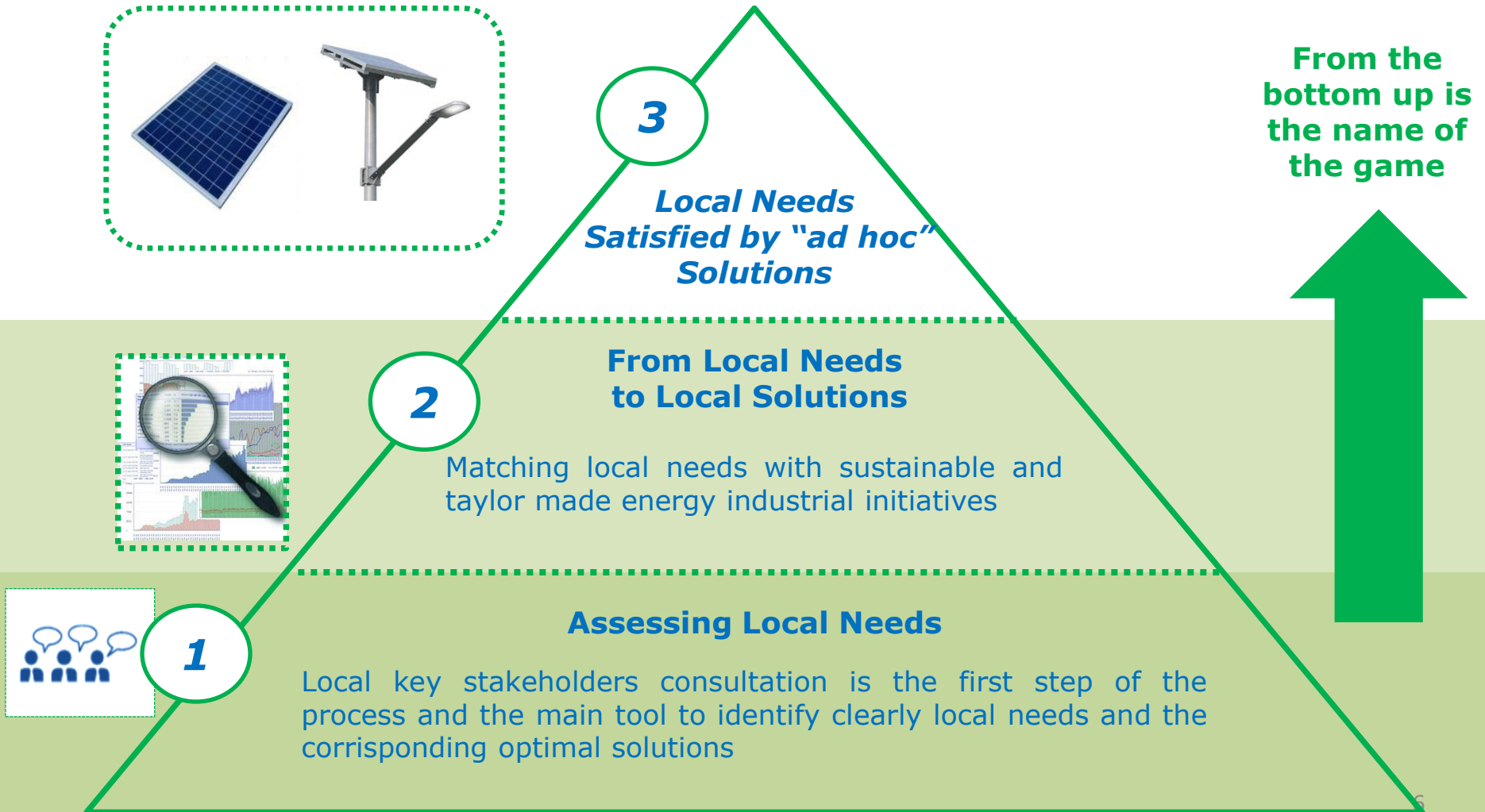


Egypt, Cairo

Stakeholders consultations to generate a **deep understanding of local needs**

# RES4MED Days: why a step change?

A new approach is required to **fill the gap** between **local needs satisfaction** and **sustainable energy solutions deployment** in the Southern Mediterranean Countries



# RES4MED: catalyst for the ongoing RE / EE projects with key players

	RES4MED ongoing projects	Topic	Main goal	Key points of analysis
1	<b>Energy efficiency in street lighting</b> (RES4MED in partnership with RCREEE)	EE	Demonstrative action about EPC as cost effective tool for EE	
2	<b>PV competitiveness in Village Power</b> (Enel Green Power)	RES	RES rural electrification (PV + storage systems)	
3	<b>Electric and thermal power plant fueled with biogas from organic and agricultural wastes</b> (Asja)	RES/EE	Exploiting local feedstocks to produce electric and thermal energy	
4	<b>RES Integration &amp; Digital Metering</b> (CESI)	RES/EE	RES integration and optimal power system operation Smart Grids & Smart Metering development	
5	<b>Industrial Solar Breeder</b> (RES4MED, Kenergia, assoRinnovabili)	RES	Local industrial district with knowledge transfer	

## Lesson learned

- **RES4MED promotes RES and EE initiatives**

In the absence of a shared EU-MENA approach we propose a bottom-up approach by:

- Looking at the local needs;
- Supporting the development of small and medium industrial initiatives;
- Collecting the most significant international experiences with the aim to adapt it to local needs,
- Establishing a strong partnership, a real “Alliance”, with the local and national stakeholders able to accelerate the diffusion of knowledge, project proposal and industrial initiatives in the field of RES and EE.
- Empowering target communities
- Establishing a fruitful dialogue with the existing regional institutions (MED TSO, MED REG and UFM)





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# Thanks for your attention!

*Contacts*

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## Back up

- RES4MED mission
- RES4MED members

# RES4MED's mission



## Renewable Energy Solutions for the Mediterranean

**RES4MED** is an **international not-for-profit association**, established by ENEL Green Power, Edison, CESI, GSE, PwC, and Politecnico di Milano in 2012 to propose **local solutions** to face the new Mediterranean energy challenges

**RES4MED** intends to be a **catalyst** for the ongoing **Renewable Energy** and **Energy Efficiency** initiatives, identifying priorities in the following areas:

### *Policy and regulation*

Phasing out of **fossil energy subsidies**

Allow new market **operators**, with low entry barriers, in generation, trading and marketing of power

Creation of **independent regulators and stable regulatory frameworks**

### *Business model and financing*

Setting of **competitive tenders** for **PPAs** and enhancing of **distributed generation solutions**

### *Infrastructure development*

Strengthening **intra-SEMC interconnections**

Fostering of **South-South cross-border power transactions**

### *Socio-economic impacts and know-how build up*

Increase of **project origination** in **SEMCs**,

Creation of **flagship training exchange programs**

# RES4MED's members



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Università Commerciale  
Luigi Bocconi



Network

18 international leaders, already engaged in promoting their core business in the SEMCs

Common mission

accelerate the deployment of RE and EE solutions and their integration in the local and regional markets