



in collaboration with



## “Integration of renewable energy solutions in the Mediterranean electricity markets”

**Two Weeks Advanced Training Course**

*1<sup>st</sup> Edition*

**Milan, 17-28 November 2014**

### Proposed Agenda

**To be confirmed by September 30**

**November 16**

Participants' arrival

#### **First week course**

**November 17**

Morning

**International energy market insights and PV**

*Opening remarks, presentation of the course*

*General trends in the world energy field*

*The future of renewables in the Mediterranean energy policy cooperation*

*Participants presentation*

Lunch

Afternoon

**Technological and industrial perspective**

Photovoltaic (PV)  
Presentation of Italian leading PV manufacturers

### November 18

Morning **Technological and industrial perspective**  
Concentrated Photovoltaic (CPV)  
Visit to Solar Tech Lab (PoliMi)

Lunch

Afternoon **Technological and industrial perspective**  
Concentrated Solar Power (CSP)  
Presentation of Italian leading CSP manufacturers

### November 19

Morning **Technological and industrial perspective**  
Wind energy  
Presentation of Italian leading Wind energy player

Lunch

Afternoon **Technological and industrial perspective**  
Visit to Wind Tunnel (PoliMi)  
Biomass for power and energy conversion process  
Presentation of Italian leading biomass player

### November 20

Morning **Regulatory framework and grid operation**  
The challenge of TSO to manage the variability of renewable energy generation  
Med infrastructure: how to meet the energy potential  
A mediterranean electricity cooperation strategy

Lunch

Afternoon **Distributed generation and optimal market design**  
Distributed generation: a solution to look forward the integration of RES into electricity market  
Optimal market design for a sustainable RES integration  
Grid evolution: the international perspective

**November 21**

Morning	<b>Technological and industrial perspective</b> <i>The current solutions for energy storage</i> <i>Storage to manage grid congestion</i> <i>Presentation of Italian leading storage solutions manufacturer</i>
Lunch	
Afternoon	<b>Group study activities</b>

**Second week course****November 24**

Morning	<b>Technological and industrial perspective</b> <i>Biogas</i> <i>Presentation of Italian leading biogas player</i>
Lunch	
Afternoon	<b>Biogas plant visit</b> <i>Guided tour of biogas power plant including technical and economic explanations</i>

**November 25**

Morning	<b>Financing renewables: best practices</b> <i>Project financing of renewable energy plants and infrastructures</i> <i>Investment dynamics in the renewable energy context</i> <i>Key elements of RES projects analyzed by an investment fund</i>
Lunch	
Afternoon	<b>Financing renewables: banks and emerging trends</b> <i>International investment case</i> <i>Bankability: the view of a leading international bank</i> <i>Crowdfunding: an innovative tool for financing local RES projects</i>

**November 26**

Morning	<b>Visit to RSE laboratories</b>
Lunch	
Afternoon	Lesson learned in the deployment of RE distributed systems in Italy A Snapshot of Smart Grids achievements in Italy

**November 27**

Morning

**Concrete solutions to meet local needs**

Afex 2014: analysis of sustainable energy competitiveness in the Arab region  
Analysis of socio economic effects of large scale RES development

Lunch

Afternoon

**Visit to CESI laboratories**

**November 28**

Morning

**International round table on the future of RES in the Mediterranean Basin**

Wrap-up and conclusions

Lunch