



**Mon 14 Nov**  
 9:00 – 17:30  
 Building 25 – Politecnico di Milano  
 Campus Bovisa

<b>Morning</b>	<b>Welcome and International energy market insights</b> (Res4med, PoliMI, Enel Foundation, RECREE, AEEP, MAE, MEDREG, IRENA)
<b>8.45-9.00</b>	<b>Registration</b>
<b>9.00-9.30</b>	<b>Welcome</b> <b>R. Vigotti</b> Secretary General, RES4MED <b>F. Inzoli</b> Head of Dept. Of energy, Politecnico di Milano
<b>9.30-10.45</b>	<b>Introductory Session</b> <b>R. Mele</b> Enel Foundation <b>A. Badr</b> Director RCREEE <b>D. Otieno</b> AEEP Secretariat <b>S. Mercuri</b> Ministero Affari Esteri e Cooperazione Internazionale – DGMO
<b>10.45-11.15</b>	<i>Coffee break</i>
<b>11.15-12.00</b>	<b>Participant presentation</b>
<b>12.00-13.00</b>	<b>F. Tambone</b> MEDREG General Coordinator; <b>S. Vinci</b> IRENA - The Role of RE in transition to more sustainable energy system
<b>13.00-14.00</b>	<i>Lunch</i>
<b>Afternoon</b>	<b>Solar</b> (PoliMi, RES4MED, PoliTo)
<b>14.00-15.00</b>	<b>E. Colombo</b> Polimi – Global energy challenge and the focus on Africa
<b>15.00-16.00</b>	<b>R. Vigotti</b> Secretary General, RES4MED
<b>16.00-16.30</b>	<i>Coffee break</i>
<b>16.30-17.00</b>	<b>F. Inzoli</b> Polimi – The research activities at the Department of Energy of Politecnico di Milano
<b>17.00-17.30</b>	<b>M. Masoero</b> PoliTo – The research activities at the Energy Center and Politecnico di Torino <b>Discussion on Project work/Round table activities</b>

## Tue 15 Nov

8:00 – 19:00

Private transfer departure from  
Hotel Radisson, via Villapizzone 24,  
Milan (08:00 am) to JRC Ispra

### Morning

### JRC Ispra – PV

08.00-09.30

**Transfer to JRC Ispra**

09.30-10.00

**Welcome and refreshments**

10.00-11.00

**F. Grimaccia** PoliMi - PV technology: state of the art and future developments

11.00-12.00

**S. Szabo** JRC - The World PV Deployment and the Mediterranean

12.00-13.00

**T. Huld** JRC - Photovoltaic Geographical Information System

13.00-14.30

*Lunch*

### Afternoon

### JRC Ispra PV

14.30-15.15

**T. Sample** JRC – PV the necessity for standards in reliability and performance

15.15-16.15

**Visit to the European Solar Test Installation Laboratories**

16.15-16.45

*Coffee Break*

16.45-17.15

**Open discussion on relevant topics for the Mediterranean countries  
(RES4MED)**

17.30-18.30

**Transfer to Milano**

## Wed 16 Nov

9:00 – 17:15

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### Morning

### Wind (PoliMi, M&A)

09.00-10.00

**P. Silva** Polimi – CSP technology: state of the art and future development

10.00-11.00

**A. Zasso** PoliMi – Wind Energy state of art and future developments

11.00-11.30

*Coffee Break*

11.30-13.00

**Visit to PoliMi Solar-Tech**

13.00-14.30

*Lunch*

### Afternoon

### Wind (PoliMi, Siemens – E2i, Enertronica)

14.30-15.30

**Visit to PoliMi Wind Tunnel**

15.30-16.30

**V. Nardi** Enertronica – Renewable energy hybrid solutions: a new challenger  
and a new business opportunity

16.30-17.30

**Project Work**

## Thu 17 Nov

8.00 – 18:00

At PWC Training Center c/ il Sole 24 Ore  
Via Monterosa 91, Milan

### Morning

### Renewable energy investments and financing (PwC, WiseEnergy, Enel Green Power)

09.00-09.30

**Participants registration**

09.30-11.00

**G. Ferrante** PWC – Project financing of renewable energy plants

11.00-11.30

**F. Basile** WiseEnergy – Renewable energy asset management

11.30-12.00

*Coffee break*

12.00-13.30

**F. Venturini** Enel Green Power – Competitive development of PV and Wind the  
importance of multi-year and pluri-technological programs

13.30-14.15

*Lunch*

<b>Afternoon</b>	<b>Renewable energy investments and financing</b> (Bocconi, Enerray, D'Appollonia)
<b>14.15-15.20</b>	<b>M. Scandellari</b> Enerray – Utility scale PV projects in emerging economies: challenge and benefit
<b>15.20-15.30</b>	<i>Coffee break</i>
<b>15.30-16.30</b>	<b>A. Gilardoni</b> Bocconi – Utilities strategies in the Renewable Energy Sector
<b>16.30-18.00</b>	<b>L. Villa</b> D'Appollonia – The role of technical advisory in project finance structure
<b>18.00</b>	<b>Transfer to Edison</b>
<b>18.30</b>	<b>Welcome by E2i-Edison</b>
<b>19.30</b>	<b>Cocktail Dinner in Edison</b>

**Fri 18 Nov**  
9:00 – 18:00  
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<b>Morning</b>	<b>Storage solutions</b> (PoliMi, NEC Energy Solution, Terna, RES4Africa, Università di Roma La Sapienza)
<b>09.00-10.30</b>	<b>M. Merlo</b> PoliMi – Energy Storage state of the art and future developments
<b>10.30-11.00</b>	<b>C. Scogliamiglio</b> NEC Energy Solution – Market overview and presentation of a leading manufacturer
<b>11.00-11.45</b>	<b>M. Pietrucci</b> Terna – Role of storage in the network operation
<b>11.45-13.00</b>	<b>M. Aresti</b> Res4Africa; <b>A. Micangeli</b> Università di Roma La Sapienza – Minigrid technical solution and business models
<b>13.00-14.00</b>	<i>Lunch</i>

<b>Afternoon</b>	<b>Storage solutions</b> (Polimi & DIT, Electro Power Systems, DG DEVCO)
<b>14.00-15.00</b>	<b>G. Moschi</b> PoliMi & DIT – Tanzania Smart Grid control for RES penetration into on-grid and off-grid solution
<b>15.00-16.00</b>	<b>G. Artizzu</b> Electro Power Systems
<b>16.00-16.30</b>	<i>Coffee Break</i>
<b>16.30-17.30</b>	<b>Project work</b>

**Mon 21 Nov**  
9:00 – 17:30  
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<b>Morning</b>	<b>Grid Operation &amp; Regulatory framework</b> (PoliMi, e-distribuzione)
<b>09.00-10.30</b>	<b>A. Berizzi</b> PoliMi – Grid Operation technology: state of the art and future developments
<b>10.30-11.30</b>	<b>G. Sapienza</b> e-distribuzione – Renewable Energy challenges for DSO
<b>11.30-13.00</b>	<i>Coffee break / Visit to Fuel Cell Labs</i>
<b>13.00-14.30</b>	<i>Lunch</i>

<b>Afternoon</b>	<b>Grid Operation &amp; Regulatory framework</b> (Terna, Poyry)
<b>14.30-16.00</b>	<b>L. Ortolano</b> Terna - The challenges of TSO to Manage the Renewable variability generation
<b>16.00-16.30</b>	<i>Coffee break</i>
<b>16.30-17.15</b>	<b>P. Marino</b> Poyry – Electrical market designer for optimal integration
<b>17.15-18.00</b>	<b>Project Work</b>

**Tue 22 Nov**  
9:00 – 18:00  
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Morning	Regulatory framework (Italian Regulatory Authority, PoliMi)
09.00-11.00	<b>L. Lo Schiavo</b> Italian Regulatory Authority for Electricity, Gas and Water
11.00-11.30	Coffee break
11.30-13.00	<b>M. Delfanti</b> PoliMi – Regulatory framework for RES: the Italian experience in European context
13.00-14.30	Lunch
Afternoon	Regulatory framework (Italgen, ERM)
14.30-15.30	<b>G. de Beni</b> Italgen - Regulatory framework as a driver for a solid and bankable industrial investment
15.30-16.30	<b>C. Aquino</b> ERM – ESG-Outlook of Environmental Social and Governance approach
16.30-17.00	Coffee break
17.00-18.00	Project work

## Wed 23 Nov

Private transfer departure from Hotel Radisson, via Villapizzone 24, Milan (07:30 am) to ASJA headquarter (Rivoli-TO)

Morning	Biogas (ASJA)
Transfer to ASJA headquarter Rivoli	
9.15-9.45	Welcome coffee
9.45-10.00	<b>A. Casale</b> Asja -Welcome speech (Company presentation)
10.00-10.30	<b>V. Pace</b> Asja - Biogas basic principles, landfill gas, waste gas and state of art
10.30-11.00	<b>F. Erriquens</b> Asja – Biogas from agricultural wastes
11.00-11.15	Coffee break
11.15-12.00	<b>S. Re Fiorentin</b> Asja - MCHP history and modern applications, market potential, technical presentations and business
12.00-13.15	<b>S. Re Fiorentin</b> Asja - TOTEM Energy production plant visit
13.15	Lunch
Afternoon	Biogas (ASJA)
14.30-15.00	<b>F. Erriquens, M. D'Oca</b> Asja - Transfer to Pianezza landfill biogas plant and guided tour
Transfer to Milano	

## Thu 24 Nov

Private transfer departure from Hotel Radisson, via Villapizzone 24, Milan (09:00 am) to Cesi headquarter

Morning	CESI Headquarter (CESI)
10.30-11.00	Welcome and company presentation
11.00-11.30	<b>S. Pasquini</b> – The impact of Variable Renewable Energy Sources on the Italian Power System
11.30-12.00	Coffee break
12.00-12.45	<b>M. Gori, F. Shulze</b> – Implementation of PV capacity in the ME markets
12.45-13.30	<b>O. Lamquet</b> – Storage system for the integration of RES generation into power system
	Lunch
Afternoon	CESI Haedquarter

**14.30-15.00**

**B. Cova, G. Callegari** – Non programmable RES and their impacts on power system

**15.00-16.00**

**Visit to Cesi laboratories**

*Transfer to hotel*

*Coffee break*

## **Fri 25 Nov**

9:30 – 13.00

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### **Morning**

### **Final Round Table**

**09.30-10.30**

**Report from project work**

**10.30-11.00**

**C. Biello** Met Newen

**11.00-11.30**

**M. Baroni** IEA – World Energy Outlook 2016: the future challenges

**11.30-11.45**

**Final considerations by selected participants**

**11.45-12.30**

**Closing ceremony (M. Ricotti Pro-Rector of Polimi, Secretary General RES4MED, M. Morazzo - Enel Foundation)**