



Tentative Agenda

1st Week (6-10 Nov)

Mon 6 Nov	Opening session 8:45 – 18:00 Building 25 – Politecnico di Milano, Campus Bovisa
Morning	Welcome and International energy market insights (PoliMI, Res4Med, Enel Foundation, RECREE, AEEP, MAECI, MEDREG, IRENA)
8.45-9.00	Registration
9.00-9.30	Welcome Session R. Vigotti - Secretary General, RES4MED F. Inzoli - Head of Dept. of Energy, Politecnico di Milano
9.30-10.45	Introductory Session C. Papa - Enel Foundation A. Badr - Director RCREEE C. Biello - Neosia
10.45-11.15	<i>Coffee break</i>
11.15-12.00	Participant and Training Course presentations R. Vigotti - RES4MED - Secretary General, scholarship program presentation F. Grimaccia - PoliMI - Course presentation
12.00-13.00	<i>Lunch</i>
Afternoon	General overview
14.00-14.30	H. Daly, IEA – Energy access outlook
14.30-15.15	E. Colombo, Polimi – Global energy challenges and the focus on Africa
15.15-16.00	S. Vinci, IRENA - The Role of RES in transition to more sustainable energy system
16.00-16.30	<i>Coffee break</i>
16:30-17:15	Angelo Guardo – RES4MED
17.15-18.00	JF. Dallemand, - JRC – Covenant of Mayors activities & Regional extensions to Sub Saharan Africa & South Mediterranean
Tue 7 Nov	PV Technology 8:00 – 18:00

JRC – ISPRA

*Private transfer departure from
Double Tree by Hilton, via Ludovico di Breme 3,77
Milan (08:00 am) to JRC Ispra*

Morning

JRC Ispra – PV solar Technology (JRC, PoliMI)

08.00-09.30

Transfer to JRC Ispra

09.30-10.00

Welcome and refreshments

10.00-11.00

11.00-12.00

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

12.00-13.00

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

13.00-14.30

T. Huld, JRC - Photovoltaic Geographical Information System

Lunch

Afternoon

JRC Ispra PV – Test Facilities

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

Transfer to Milano

Wed 8 Nov

Wind Technology

9:00 – 17:30

Building 25 – Politecnico di Milano, Campus Bovisa

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 SolarTech LAB

13.00-14.30

Lunch

Afternoon

Wind (PoliMi, 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

KEYNOTE: Maintenance Challenges of Small Unmanned Aircraft Systems (F. Grimaccia, Polimi; G. Guglieri – Politecnico di Torino)

18:00-20:00

Social Event: TBD

Thu 9 Nov

Storage technologies

9:00 – 16:00

Building 25 – Politecnico di Milano, Campus Bovisa

Morning

Storage technologies

(PoliMi, NEC Energy Solution, Terna, RES4Africa, Electro)

09.00-10.30

M. Merlo - PoliMi – Energy Storage state of the art and future developments

10.30-11.15

Musio, Terna – Role of storage in the network operation

11.15-11.45

Coffee break

11.45-13.00

C. Cesaro – Siemens - Energy storage systems utility scale

13.00-14.00

Lunch

Afternoon

Storage solutions and Case Studies

(Polimi & DIT, Electro Power Systems)

14.00-15.00

Zingales, SAET – Market overview and presentation of a leading manufacturer

15.00-16.00

G. Artizzu, Electro Power System (EPS) - Energy Storage deployment, technical problems and business models

19.00

Art and Culture: Visit to BRERA-Pinacoteca Museum

Fri 10 Nov	Grid Operation 9:00 – 18:00 Building 25 – Politecnico di Milano, Campus Bovisa
Morning	Grid Operation (PoliMi)
09.00-10.30	A. Berizzi - PoliMi – Grid Operation technology: state of the art and future developments
10.30-11.30	G. Sapienza – E-distribuzione -Renewable Energy challenges for DSO
11.30-13.00	Coffee break / Visit to Fuel Cell Labs
13.00-14.30	Lunch
Afternoon	Grid Operation (Terna, Poyry)
14.30-16.00	L. Ortolano - Terna - The challenges of TSO to Manage the Renewable variability generation
16.00-16.30	Coffee break
16.30-17.15	P. Marino - Poyry – Electrical market designer for optimal integration
17.15-18.00	

2nd Week (13-17 Nov)

Mon 13 Nov	RES Regulatory frameworks 9:00 – 17:00 Building 25 – Politecnico di Milano, Campus Bovisa
Morning	Regulatory framework (Italian Regulatory Authority, PoliMi)
09.00-11.00	L. Lo Schiavo - Italian Regulatory Authority for Electricity, Gas and Water
11.00-11.30	Coffee break
11.30-13.00	M. Delfanti - 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	TBD
15.30-16.30	C. Corlatti -ERM – ESG-Outlook of Environmental Social and Governance approach
16.30-17.15	KEYNOTE: Future perspective on Electric Transport (F. Foiadelli) SOCIAL EVENT – TBD
Tue 14 Nov	Basic Economics and Finance of renewable technologies - Finance 9:00 – 18:00 Università Bocconi Milano– Scuola di direzione Aziendale Via Bocconi 6, Milan
Morning	Renewable energy investments and financing (Bocconi)
09.00-9.45	F. Pippo , Bocconi - Strategic planning and investment analysis : how to structure an asset allocation system
09.45-10.30	F. Pippo , Bocconi - Investment analysis and value creation: sorting investment by categories
10.30-11.00	Coffee break
11.00-11.30	F. Pippo , Bocconi - Investment analysis and value creation: valuation methodology. Risk and value creation: the cost of capital
11.30-12.00	F. Pippo , Bocconi - Risk and value creation: the cost of capital
12.00-13.00	Ing. Cammisecra RES4MED/EGP
13.00-14.30	Lunch
Afternoon	Renewable energy investments and financing (Bocconi)
14.30-15.15	S. Gatti, Bocconi - Infrastructure and financial markets: what are we talking about?
15.15-16.00	S. Gatti, Bocconi - Private capital for infrastructure projects: the essence of Project Financing

16.00-16.15	<i>Coffee break</i>
16.15-16.45	S. Gatti, Bocconi - Project finance as a network of contracts.
16.45-17.15	S. Gatti, Bocconi - Project finance ad a risk management tool
17.15-18.00	Dott. Poggio PWC

Wed 15 Nov **Basic Economics and Finance of renewable technologies - Economics**
 9:00 – 18:00
 Università Bocconi Milano– Scuola di direzione Aziendale Via Bocconi 6, Milan

Morning

09.00-9.45	M. Di Castelnuovo, Bocconi - An introduction to power systems regulation
09.45-10.30	M. Di Castelnuovo, Bocconi - Market failures and economic externalities
10.30-11.00	<i>Coffee break</i>
11.00-11.30	M. Di Castelnuovo, Bocconi - From externalities to decarbonization
11.30-12.00	M. Di Castelnuovo, Bocconi - The integration of renewable technologies
12.00-13.00	Ing. De Beni ITALGEN
13.00-14.30	<i>Lunch</i>

Afternoon

14.30-15.15	N. Kos, Bocconi - Bidding in auctions
15.15-16.00	N. Kos, Bocconi – Auctions formats
16.00-16.15	<i>Coffee break</i>
16.15-16.45	M. Ottaviani, Bocconi – Bidding incentives
16.45-17.15	M. Ottaviani, Bocconi – Role of information
17.15-18.00	Dott. Scandellari ENERRAY

Thu 16 Nov **CESI Research centre and Laboratories**
 9:00 – 17:30
 CESI headquarter c/o

*Private transfer departure from
 Hotel Double Tree By Hilton, via Ludovico di Breme 77,
 Milan (09:00 am) to CESI headquarter*

Morning

10.30-11.00	Welcome and company presentation
11.00-11.30	S. Pasquini, CESI - The impact of Variable Renewable Energy Sources on the Italian Power System
11.30-12.00	<i>Coffee break</i>
12.00-12.45	M. Gori, F. Schultz - CESI - Implementation of PV capacity in the ME markets
12.45-13.30	O. Lamquet – CESI - Storage system for the integration of RES generation into power system
13.30 - 14:30	<i>Lunch</i>

Afternoon

14.30-15.00	B. Cova, G. Callegari – CESI - Non programmable RES and their impacts on power system
15.00-16.00	Visit to CESI Labs
	<i>Coffee break</i>

Transfer to hotel

Fri 17 Nov **RES Future perspectives, EU funding and Projects**
 9:30 – 12:30
 Building 25 – Politecnico di Milano, Campus Bovisa

Morning

09.30-10.30	Final Round Table
10.30-11.30	F. Zaccheo, EU DG DEVCO – European Development Policies in the Energy sector
11.30-11.45	E. Portale, World Bank – World Bank Approach to the Energy sector
	S.Mercuri – Ministero Affari Esteri e Cooperazione Internazionale DGMO

11.45-12.00

Final consideration by selected participants

11.45-12.30

Closing ceremony (Polimi, RES4MED, Enel Foundation)