



# ENERMED Training Session

Market Regulation and Renewable Energy in the  
Mediterranean  
Energy Statistics and Modeling

Organized by OME

19-20 November 2013

GSE

V.le M.Ilo Pilsudski 92

00197- Rome

In collaboration with



## Context

The Mediterranean region is facing a rapid growing electricity demand and is endowed with important renewable energy resources potential which is far from being fully exploited. In this context, the share of renewables in the electricity generation mix is expected to increase as almost all countries are already engaged in their development. Large deployment of renewable energy however still faces significant barriers that need to be removed. In addition, in order to satisfy the growing electricity needs in the most efficient way, a coherent approach between governmental, regulatory, technical and economic level is necessary.

Furthermore, energy statistics are the basis for a sound analysis that influences decision-making, strategic and politics orientation. Statistics give a clear idea of the energy situation and contribute in developing policies and even in carrying out major energy projects.

## Objectives

Participants will:

- Acquire methodologies used to evaluate the viability and profitability of renewable energy projects based on a comprehensive assessment.
- Take advantage from the presentation of the OME - MEDGRID study concerning the evolutionary process for integrating Mediterranean electricity networks from a technical, regulatory, and political point of view.
- Get an overall picture of energy flows through definitions, methodologies and basic tools used in energy statistics and modeling.

# Programme

Day I - 19 November

9:45 - 17:30

9:45 - 10:00

*Welcoming of participants*

### Session I - Opening Session

10:00 - 10:30

Introduction, GSE welcome speech, OME activities,  
**GSE-OME: Gerardo Montanino, Head of Operational Division**

10:30 - 11:30

Overview of energy in the Mediterranean and perspectives with focus on RES  
**OME**

11:30 - 11:45

*Coffee Break*

### Session II - Market Regulation and overview of RE in the Mediterranean

11:45 - 13:00

Grid development in the Med area: institutional framework and regulatory perspectives  
**Matteo Urbani, OME & MEDGRID**

13:00 - 14:00

*Lunch*

14:00 - 15:00

RES integration into the grid: A challenge for system operators  
**Jean-Yves Léost, Executive Manager, European Affairs Division, RTE**

15:00 - 15:15

*Coffee Break*

15:15 - 16:30

RE policy and regulatory framework, national plans and regional initiatives  
**José Miguel Unsiòn, MEDREG**

16:30 - 17:30

Experience from the South  
**Laâbi Taoufik, ONEE**

Day II - 20 November

09:45 - 17:30

09:45 - 10:45

### Session III – Energy Statistics Fundamentals

Objectives, definitions, units of measurements and conversion factors, data processing  
**Sohbet Karbuz, OME**

### Session IV - Statistics by Fuels

10:45 - 11:45

Electricity, Renewable Energy  
**Emmanouil Christinakis, IEA**

11:45- 12:00

*Coffee Break*

12:00 - 13:00

Electricity, Renewable Energy  
**Emmanouil Christinakis, IEA**

13:00 - 14:00

*Lunch*

14:00 - 15:00

### Session V- An Introduction to Energy balances and Energy Modeling

**Sohbet Karbuz, OME**

15:00 - 15:15

*Coffee Break*

15:15 - 17:15

### Session VI – Environmental evaluation of RE technologies

Life Cycle Assessment (LCA) as a tool for evaluating cradle-to-grave environmental profiles of energy technologies:

- 1) Overview of main trends and applications of LCA in the energy context
- 2) Introduction to the methodology: goal and scope definition, data collection, life cycle inventory, impact assessment, interpretation and reporting

**Emanuela Menichetti, OME**

17:15 - 17:30

### Session VII – Evaluation & Closing

## About OME

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*Created in 1988, OME is an Association whose main goal is to promote co-operation and dialogue, information and training in the field of energy in the Mediterranean. OME gathers the major energy companies operating on the Mediterranean shores.*

*Think Tank on energy for the Mediterranean Region, OME undertakes studies, provides consultant services, information and statistics and contributes in identifying and analyzing the stakes and challenges related to energy in the Mediterranean Region.*

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