

“Enhancing energy efficiency solutions in the Mediterranean Region”

1st Edition

May, Monday 16th – Friday 20th
Torino – Lingotto Politecnico di Torino Campus
Room #206 – 2nd Floor
Via Nizza, 230 - 10126 Torino

Day #1 | May 16th

Morning - Politecnico di Torino

- 09:00 – 11:00 Welcome and course presentation
Dr. Leonardo CALABRESE – RES4MED Representative
Dr. Enrico POCHETTINO – Head of internationalization and innovation department of IREN SpA
Prof. Marco MASOERO – Department of Energy, Politecnico di Torino
- 11:00 – 11:15 Coffee break
- 11:15 – 13:15 How to approach energy efficiency projects: understanding of the energy consumption patterns
Prof. Gianfranco CHICCO – Department of Energy – Politecnico di Torino
- 13:15 – 14:15 Lunch

Afternoon - Politecnico di Torino

- 14:15 – 16:15 Energy efficiency indicators and business models
Ing. Giorgio MOTTIRONI – Manager – AVVENIA
- 16:15 – 16:30 Coffee break
- 16:30 – 18:30 Capturing the multiple benefits of energy efficiency
Prof. Carlo CAMBINI – Department of Management and Production Engineering – Politecnico di Torino
- 20:00 Opening dinner, Circolo Canottieri Esperia (Corso Moncalieri, 2 – Torino)

Day #2 | May 17th

Morning - Politecnico di Torino

- 09:00 – 11:00 PhD Student Introduction (3 slides max on Research Topic of Interest)
Energy Efficiency in Italy: general trends, drivers and barriers
Dr. Pietro QUAGLIA – RSE
- 11:00 – 11:15 Coffee break
- 11:15 – 13:15 Energy Efficiency in the Region: general trends, drivers and barriers
Dr. Lisa GUARRERA – Director of Modeling & Monitoring – OME;
- 13:15 – 14:15 Lunch

Afternoon - Politecnico di Torino

- 14:15 – 16:15 Energy Efficiency in the buildings and in the Industry Sector: state of the art and relevant solutions
Prof. Marco BADAMI, Prof. Marco MASOERO – Department of Energy – Politecnico di Torino
- 16:15 – 16:30 Coffee break
- 16:30 – 18:30 Solar thermal and solar cooling: a competitive solution to match both Industrial and Public Authorities needs
Prof. Gian Vincenzo FRACASTORO – Department of Energy – Politecnico di Torino

Day #3 | May 18th

Morning - Politecnico di Torino

- 09:00 – 11:00 Energy Efficiency seen by a Multiutility Company: a complete overview of different savings, from heating plants to public lighting:
- ESCo's experience, know-how sharing from Energy Efficiency Italian industry;

- The retrofit of Turin public lighting: case study analysis;
- Visit to replaced public light area.

Ing. Andrea PONTA, Energy Manager of IREN Group – Energy Management and technologies for the Innovation, IREN Servizi e Innovazione (IREN Group’s ESCo)

11:00 – 11:15 Coffee break
 11:15 – 13:15 Energy Efficiency in the Public Sector: state of the art of competitive lighting technologies
 Prof. Anna PELLEGRINO - Department of Energy – Politecnico di Torino
 13:15 – 14:15 Lunch
 14:15 Pick up Politecnico di Torino

Afternoon – IREN Torino North Power Plant (Strada del Pansa, 1 – Torino)

14:45 – 17:15 Energy Efficiency through co-generation and district heating and cooling: visit of IREN’s cogeneration plants and heat storage systems serving the biggest Italian district heating network
 Ing. Luca PIANTELLI, Engineer – Internationalization and Innovation Dept., IREN Group
 17:15 – 18:30 Innovative projects in energy efficiency: from IoT to user engagement
 Ing. Federico BONI CASTAGNETTI, Engineer – Internationalization and Innovation Dept., IREN Group

Day #4 | May 19th

Morning - Asja and TOTEM Energy Headquarters (Via Ivrea, 70 – Rivoli (TO))

08:20 Pick up Hotel Best Western Plus Executive Hotel and Suites **** (Via Nizza, 28 - Torino)
 09:00 – 09:30 Registration and welcome coffee
 09:30 – 09:40 Opening session
 Alessandro CASALE, CEO, Asja
 09:40 – 11:30 Companies presentations, mCHP history and modern applications, market potential, technical presentations and business cases
 Vincenzo PACE, Business Unit Biogas Director, Asja; Carlo D’AMELIO, Business Unit Wind Director, Asja; Gianluca RAGONESI, Head of Business Development, TOTEM Energy
 11:30 – 11:45 Coffee break
 11:45 – 13:00 TOTEM Energy production plant visit
 Alberto RICCHIARDI, Operations Manager, TOTEM Energy; Gianluca RAGONESI, Head of Business Development, TOTEM Energy; Enrico CROSIO, Service Manager, TOTEM Energy
 13:15 – 14:15 Lunch

Afternoon – Asja and TOTEM Energy Site Visits

15:00 – 16:30 Asja landfill biogas CHP and PV plant visit
 Davide MESCIA, R&D Department, Asja; Fausto VAI, Photovoltaic Manager, Asja; Paolo PAGLIAZZO, Plant Manager
 17:00 – 18:30 Swimming pool application visit
 Enrico CROSIO, Service Manager, TOTEM Energy
 19:15 – 21:00 Exhibit guided visit with Cocktail, Fondazione Sandretto Re Rebaudengo (Via Modane, 16 – Torino)
 21:15 Drop off to the Hotel Best Western Plus Executive Hotel and Suites **** (Via Nizza, 28, Torino)

Day #5 | May 20th

Morning - Politecnico di Torino

09:00 – 11:00 ICT in the energy management
 Dr. Maurizio FANTINO – Head of Smart Energy Program – Istituto Superiore Mario Boella sulle Tecnologie dell’Informazione e delle Telecomunicazioni; Chiara Ferroni – Smart Communities Tech
 11:00 – 11:15 Coffee break
 11:15 – 12:15 Wrap up and conclusions – Diploma Ceremony
 12:15 – 13:15 Lunch Break

Map for Lingotto Polito Campus

