

The event will be available in LIVE STREAMING on [www.alpenergy.net](http://www.alpenergy.net)

In the afternoon, during the workshop, visit the FACEBOOK FAN PAGE OF FONDAZIONE POLITECNICO DI MILANO and ask questions to the speakers.



# Virtual Power Systems: new approaches to energy resources management. The AlpEnergy project

Monday, October 24, 2011 – 10:00 a.m.

Politecnico di Milano – **Rogers conference room** – Via Ampère 2, Milan

**09:30**  
**REGISTRATION**

**10:00**  
**OPENING REMARKS**

**Giovanni Azzone**  
Rector Politecnico di Milano

**Massimo Ricci**  
Director of the Markets Department of the Regulatory Authority for Electricity and Gas of Italy

**Giampio Bracchi**  
President Fondazione Politecnico di Milano

**10:30**  
**AN INTRODUCTION TO ENERGY SYSTEMS AND THE ALPENERGY PROJECT RESULTS**

**Chair:**  
**Ennio Macchi**  
Director Department of Energy Politecnico di Milano

**Gian Angelo Bravo**  
President National Coordination Alpine Space Programme

**Michael Lucke**  
Chief Executive Officer Allgäuer Überlandwerk GmbH

“Virtual Power Systems and the energy short production and distribution chain”

**Enrico Cagno**  
Management Economics and Industrial Engineering Department Politecnico di Milano

“ICT as a driver for electric grids and renewable resources”

**Marco Merlo**  
Energy Department Politecnico di Milano

“New perspectives on the European energy future”

**Ludwig Karg**  
B.A.U.M. Consult

**12.00**  
**ROUNDTABLE**

“SMART GRID: the players’ view”  
Chair: **Jacopo Giliberto**, Journalist “Il Sole 24 Ore”

**Mattia Cavanna**  
Senior Vice President International Programs Energy & Logistics Finmeccanica Group Services

**Daniilo Moresco**  
Head of Smart Grid Division Siemens Italia

**Felice Egidi**  
Head of Regulatory Affairs Enel Green Power

**Carlo Sabelli**  
Dispatching Manager TERNA\*

**Riccardo Lama**  
Head of Grid Planning & Support Enel Distribuzione

**Giorgio Casalotti**  
Managing Director a2a

**Maurizio Delfanti**  
SmartDGlub Politecnico di Milano

**13.15**  
**CLOSING REMARKS**  
**Marcello Raimondi**  
Assessor Environment Energy and Grids Regione Lombardia

**BUFFET LUNCH**  
In the afternoon, the conference will be followed by a technical panel open to the public. It will show the results of the AlpEnergy project and its pilot implementations.

For updates and details: [www.fondazionepolitecnico.it](http://www.fondazionepolitecnico.it)

\* To be confirmed

Morning session: simultaneous audio translation from Italian into English. - Afternoon session: in English only



**AlpEnergy** is funded by the Alpine Space Programme 2007-2013, as a part of the “European Territorial Cooperation” (Objective 3 of the Regional Policy 2007-2013). Together with 13 other programmes it strives for transnational cooperation in and between the European regions.

[www.alpenergy.net](http://www.alpenergy.net)

# Virtual Power Systems:

new approaches to energy resources management. The AlpEnergy project.

Even if hydropower, solar and wind energy, wood and other biomasses are richly distributed, they are unequally accessible. The need to balance an increasing production and use of RES (renewable energy sources) requires a stronger and more extended electric grid capable of dealing with high levels of remote power generation. Virtual Power Systems (VPS) offer an alternative by using ICT technology for an intelligent combination of load management, storage and demand.

AlpEnergy is a European Territorial Cooperation Project bringing together power suppliers, development agencies, research institutes and public administrations from five different countries of the Alpine Space - France, Germany, Italy, Slovenia and Switzerland - to introduce an efficient operational model that aims at a standardization of both technologies and procedures.

The presentation of the AlpEnergy results is an important occasion for a broader discussion about the future of the energy sector. The morning section, held in Italian and simultaneously translated into English, will address the public opinion. The afternoon section, in English only, will be focused on technical topics and is intended for technicians and energy managers.

On Tuesday, October 25, a visit to the pilot implementation in Valle d'Aosta will take place. It will start from the Mechatronics Laboratory of the Polytechnic of Turin, in Verrès, with the presentation of the VPS tested in the alpine village of Saint-Denis. The meeting will continue in Saint-Denis, where an on site test will be shown to the attendees.

