



The event intends to bring in contact Private Companies, Public Enterprise and the Academia (universities, research institutes) in order to:

- show main trends in the energy and manufacture sectors and highlight what private sector is looking to invest in;
- share an overview of the existing opportunities for improvement as well as of the latest technological innovations in areas such as: Power distribution, Oil&Gas, Renewable energy sources, New materials, Environmental protection, Sustainable development;
- establish a permanent, creative and innovative dialogue between the parties to develop together innovative ideas to improve human life, its sustainable impact and optimize industry processes;
- leverage the resource base and the innovation capability of the Academia to create new solutions for both the industry and the public enterprise;
- inform about the European vision on technologies for growth and the programs to encourage synergies for all participants
- value the Italian scene by creating a robust industry-research network of professionals in Italy and Abroad.

Presentations and discussion panels will focus on state of the innovation in the fields of Oil&Gas, Information & Communication technology, Energy distribution, Renewable energy sources, Materials, Environmental technology.

The event is organized together with ENEA, the Italian National agency for new technologies, Energy and Sustainable economic development and it is held under the auspices of the Italian Ministry for the Foreign Affairs.

Distinguished guests will attend including from the European Commission that screens and allocates the funds for the development of the so called Key Enabling Technologies.

The event is conceived and facilitated by Assoinge, the network of the Italian engineers Abroad. The members of the Association will bring experience, facilitation and healthy challenge to ensure that the event will result in a positive and constructive learning experience for everyone involved.

- Join at [www.assoinge.org/wordpress](http://www.assoinge.org/wordpress)

Bologna, 13-14 March 2014

*Energy Sector trends, challenges and innovation – an opportunity for cross industries synergy*

*I Edition*



by



Under the Auspices of  
Italian Ministry for the Foreign Affairs and City of Bologna



**Farnesina**  
Ministero degli Affari Esteri

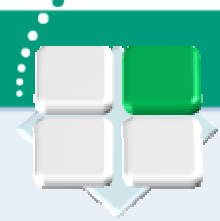


With Participation of



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UniFI  
UniUD

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[www.assoinge.org/wordpress](http://www.assoinge.org/wordpress)



**Assoinge**



ASSOINGE, the Italian Engineers Abroad Association is a no-profit organization which links professionals from several industries and promotes networking and professional knowledge sharing. It builds bridges between various industries and the research institutes (including universities) to contribute to both scientific innovation and business opportunities. It includes Italian professionals from all over the world and it is registered in the Netherlands. K. Doormanlaan 10, 2283AS Rijswijk, NL [info@assoinge.org](mailto:info@assoinge.org) [www.assoinge.org](http://www.assoinge.org)

**ENEA**



ENEA is the name for Italian National Agency for New Technologies, Energy and Sustainable Economic Development. The Agency's multidisciplinary competences and great expertise in managing complex research projects are put at the disposal of the Country system.

Lungotevere Thaon di Revel, 76 - 00196 ROMA, IT  
[www.enea.it](http://www.enea.it)

## THURSDAY 13 MARCH

8:15 REGISTRATION

9:00 Welcome – ENEA Host representative

9:10 INTRODUCTION – Dr. F. Paravento (Assoinge President)

9:30 Dr. G. Murgia (Deputy Head of Unit, DG Enterprise and Industry, European Commission) - A European Industrial strategy on Key Enabling Technologies

SESSION 1: Power technologies, energy storage & ICT

10:00 Dr. A. Ciriello (Chief engineer Energy Technology Company): Future needs for higher share of Renewable energies

10:20 Dr. V. Rosato (ENEA): Power technologies and energy systems vulnerability

10:40 Prof. R. Ceccato (Trento University): H2 as energy storage & Materials research activities for the energy challenges of the future

11:00 R. Vacca (Honor Guest): Planning, rationalization of ICT networks and raising cultural awareness to promote wise use of resources

11:30 Coffee break

11:35 Open Panel Discussion with questions from the audience

11:55 Posters, Stands & meeting time

13:00 Lunch

14:00 Posters, Stands & meeting time

SESSION 2: Renewable and Sustainable Technologies

15:15 Dr. A. De Lillo (ENEA): Overview on renewables and sustainability

15:40 Dr. S. Cobror (Beta Renewables/Biochemtex - Head of Public Affairs): Advanced biorefinery with PROESA® Technology

16:10 Dr. L. Nibbi (Florence University): Renewable energy sources for small and medium scale generation towards a “Carbon Free” future: research activities of the CREAR Research Centre and of the RE-CORD Consortium

16:30 G. Merola (manager chemical company) Sustainability & water treatment

16:50 Dr. M. Fulgosi (manager steel industry) Automation and water treatment systems in steel industry

17:10 Open Panel Discussion with questions from the audience

17:40 Posters, Stands & meeting time

21:00 Social event

## FRIDAY 14 MARCH

SESSION 3: Oil & Gas, Trends and Environmental Protection

9:00 L. Accattatis (manager energy company) Oil & Gas overview of current trends worldwide - case studies , challenges and opportunities for improvements

9:25 T. Zucca (manager engineering company): Plant- DAFNE Patent, The invisible method to get pure natural gas at the wellhead

9:50 Prof. A. Soldati/ Dr. F.Zonta (Udine University): Transport phenomena in industrial and environmental turbulent flows to monitor releases

10:10 Coffee break

10:20 L. Falso (international energy company) What comes next in Oil & Gas

10:45 Open Panel Discussion with questions from the audience

11:30 Posters, Stands & meeting time

13:00 Lunch

14:00 Posters, Stands & meeting time

SESSION 4: New frontiers, Partnerships and funding for key enabling technologies, Start ups

15:30 Dr. G. G. Daquino (REA of EU Commission) - MSCA RISE action: Enabling development of networks between public and private sectors

16:00 Dr. M. Vittori Antisari / Dr. M. Casagni (ENEA): Examples of new frontiers and Key Enabling Technologies (KET`s)

16:25 Dr. A. Notargiacomo (CNR): Example of new frontier: Trends and applications in Nanogeneration

16:45 Brexma & Naici: How to build partnerships and access to EU funds for innovation projects: CEMENGUAINA THERM, a success case

17:05 Dr. S. Supino (Cassino and Southern Lazio University): The Italian start-ups reality

17:25 Open Panel Discussion with questions from the audience

17:45 Conclusions - Assoinge

18:00 - 19:30 Posters, Stands & meeting time (with 'aperitivo')

## Introduction

*This is the first of a series of events Assoinge will organize to promote discussion and pragmatic approach towards new ideas from research world translated into industry practice. The format of two days study session with a selected range of participants aims to favorite partnerships.*

*Posters and stands exhibition are also possible.*

## Speakers

*find their profiles at the event page on our website [assoinge.org/wordpress](http://assoinge.org/wordpress).*

## Cost:

*100 euro per single attendee  
250 euro per University (3 attendees)  
500 euro per supporter Company (3 attendees)*

*Lunch and social event included*

## ABOUT VENUE and LOCATION

Venue is ENEA Research Centre Via Martiri di Monte Sole, 4 – 40129 Bologna-ITALY. The city of Bologna, already capital of European culture in 2000, is home to prestigious cultural, economic and political institutions and one of the top cities in terms of quality of life in the Country. Travel & Hotel information will be sent via email.