

How to reach the venue

By train:

- ✓ From the railway station Milano Centrale: tube line n.2 (green line) to railway station Cadorna F.N.; from Cadorna F.N. train to railway station Milano Domodossola; Federchimica is two minutes walking from Milano Domodossola (map).



By Plane:

- ✓ From Malpensa airport: train "Malpensa Express" to Milano Cadorna; from Cadorna F.N. train to railway station Milano Domodossola; Federchimica is two minutes walking from Milano Domodossola (map).
- ✓ From Linate Airport: Bus to railway station Milano Centrale; from the railway station Milano Centrale: tube line n.2 (green line) to railway station Cadorna F.N.; from Cadorna F.N. train to railway station Milano Domodossola. Federchimica is two minutes walking from Milano Domodossola (map).

Confirmation of participation

Please, fill in and send us the coupon via fax (+39 02 – 34565329) or e-mail (c.tellini@federchimica.it).

Name: _____ Surname: _____

Function: _____ Company / Institution: _____

Address: _____

PO Box: _____ City: _____ Prov: _____

Ph.: _____ Fax: _____ E - Mail: _____

Signature: _____

I will participate to the social dinner

I will not participate

"PRIVACY LAW" Information

Your personal data, if you agree, will be used in order to register your participation at the planned event, and will be maintained in order to inform you about successive initiatives of FEDERCHIMICA.

Your information can be used by charged person within the Administration department in order to carry out related necessary operations.

Your data will not be communicated, diffused, nor transferred abroad.

Responsible for the treatment is FEDERCHIMICA (Milan, Via Giovanni da Procida 11).

In every moment you can ask to the Responsible for the treatment of data (phone: 0234565.281 – e-mail: privacy@federchimica.it), in order to exercise your right of access, modification, updating and opposition to the treatment, as these are recognized by the Italian Privacy Law.

I give you my consent

I deny you my consent

To treat my data for the purposes of information over the initiatives of FEDERCHIMICA.

Place and date _____

Signature _____

For further information:

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2nd National Conference on Chemistry and Energy

*"How the Chemical Industry is
pursuing the 20-20-20 targets"*



Milan, October 11 and 12 2011,
Auditorium, Federchimica

Federchimica

The National Federation of the Chemical Industry represents in Italy more than 1,350 Chemical Companies of Large, Medium and Small size, with a total sales of € 57.5 bn in 2008 and more than 90,000 employees. The Italian Chemical Industry is the fourth in Europe and well linked worldwide: more than € 4,0 bn of chemicals are imported from Emerging Economies each year and more than 300 Joint Ventures are active in those Countries. Federchimica is oriented to pursue the Social-Environmental Responsibility of their associated companies through the Responsible Care Programme, the worldwide engagement towards the sustainable chemistry and its “Global Products Stewardship”.

The Energy Committee

Federchimica’s Energy Committee, which includes about 60 Associated Companies, has the aim to accredit the Chemical Sector as reference’s interlocutor of institutions for the solutions it is able to propose in respect to sustainability’s demands, to promote the transition towards a complete energy markets liberalization and, furthermore, to support institutions in the development of the European and national laws. The Energy Committee is divided into different Working Groups in order to follow specific evolutions in the Electric Market’s field, in the Natural Gas field and in the Energy Efficiency for the energetic and climatic politics.

The Renewable Sources Group

The adoption by the European Union of the “Climate Package” has determined, also in our Country, a best orientation in the commitment in R&D, in production and applications activities for the Renewable Sources markets. In fact Climate Changes mitigations – wherein Federchimica is, in the industrial competitiveness safety, very committed – depends also by the production and rational use of Renewable Sources. The Renewable Sources Group wants to give a contribute to the sustainable development of the Nation through 3 principal targets:


- increase the value of chemistry’s scientific competences and of industrial experiences and make them available to catch the opportunities offered by Renewable Sources, for both energetic and non-energetic uses;
- ensures the protection of interests of Associated Companies;
- contribute to define, in EU and in Italy, an industrial policy which pursues values and behaviors of the Social-Environmental Responsibility and the defense of the competitiveness of the Chemical Added Value’s chain. (for further information: f.filippini@federchimica.it)



The role of the Alternative Sources


Regarding Renewable Sources – among which LPG – Federchimica is from time committed to the pursuit of sequent targets:

- enhance social and environmental positive qualities of the product;
- ensure the guardianship of interests / investments of Companies of the sector;
- analyze and emphasize product’s innovative uses with attention to energy efficiency.


The T.A.C.E.C. Programme

As already successfully experimented for the development of Nanotechnologies in the Chemical Industry(*), Federchimica, together with Confindustria Veneto, started up the Programme  “T.A.C.E.C. – Towards A Carbon Efficient Chemistry” at the end of 2008, in order to integrate more and more science, industry, management, public and private institutes in our Country and to direct them towards a Chemistry with higher and more sustainable energy efficiency Chemistry. The Programme focuses on three main activities:

- **R&D:** with the aim of identifying and realizing energy efficiency projects and of setting up new products and new processes with renewable and alternative sources. Moreover, cooperation between the research public and private fields has to be encouraged.
- **Methodologies and Best Practices:** the rational management of the production factors is crucial for the success of the chemical industry in reducing the use, direct or indirect of the energy: preparation of analysis methods, of problem solving methods and methods of management of the value chain and the relevant best practices, is realized and dealt with the  Programme T.A.C.E.C.
- **Analysis and Position Papers:** the  Programme T.A.C.E.C. has been started up also using the ICCA Study: “Innovation for Greenhouse Gas Reductions”(°), that esteemed that for 1 ton of equivalent CO₂ emitted by the Chemical Industry in the atmosphere other 3 ton are saved in the sectors using chemical products. Other studies and position papers on the low carbon economy, are in progress.

The complexity of the scientific component and of the industrial experiences in dealing with the “low carbon economy” is such that the  Programme T.A.C.E.C. was started up with selected partners interested in its goals and its strategy: EURIS Europe, PVC Forum Italia, SSC and SUSCHEM Italy.

Furthermore, the  Programme T.A.C.E.C. established an action plan that can rely on specific tools by Federchimica.

- Data and information, useful to generate Projects on Research and Development and expand the T.A.C.E.C. markets, are available and sharable through the IT System: “Dove le Idee Generano Valore” (Where Ideas Generate Value).
- The  Programme T.A.C.E.C. organizes frequent meetings, in order to better integrate in Italy scientific know-how, industrial experiences, institutional responsibilities in the field of sustainable development of chemistry.

Two International Workshops, in the first and second semester of the year, allow the analysis of the achieved results and the comparison of international experiences and European, particularly about: LCA – Life Cycle Analysis, CFP – Carbon Foot Printing , CDM – Clean Development Mechanism, in order to orient the choices of the Producers and of the Consumers of chemicals and to contribute to realize the Policy about the Climate Changes adopted by the European Union.

* See the Programme “NIC – Nanotechnologies in the Chemical Industries”.

° For further information: www.icca-chem.org

Agenda: 1st day, October 11 2011

(English is the official language adopted for this event. Translation from and in Italian will be available).

9:00 Registration of Participants and Welcome Coffee and B2B meetings.

Chairperson: **Filippo Carletti**, Chairperson Energy Committee, Federchimica.

1st Session: Energy Efficiency in the Chemical Industry

Chairperson: **Danilo Schiavina**, Coordinator of Energy Efficiency Working Group, Federchimica.

- 9:30 **Paul Hodson**, Head of Unit Energy Efficiency & Intelligent Energy, DG Energy E.U., Brussels: "The 20% target in the E.U."
- 9:50 **Rino Romani**, Responsabile Unità Tecnica Efficienza Energetica, ENEA, Roma: "The Energy Efficiency Action Plan and the tools for the achievement of the objectives".
- 10:10 **Dimitri Lazzaroni**, Responsabile Impianti, Industrie Chimiche Forestali S.p.A., Milano: "Il Progetto CARE+ e l'Auto-Diagnosi Energetica: un percorso di miglioramento continuo ed il processo decisionale nel gruppo Industrie Chimiche Forestali S.p.A."
- 10:30 **Matteo Locati**, Product Manager Energy Management, Certiquality, Milano: "The ISO 50001 System: some results obtained for the energy efficiency".
- 10:50 *Discussion*
- 11:10 **Danilo Schiavina**: "Conclusions of the 1st Session".

2nd Session: The role of Chemistry in the "Smart Grids" technologies

Chairperson: **Mario Conte**, Responsible Energy Accumulation Systems, Enea.

- 11:15 **Daniele Valtolina**, Direttore Tecnico e Collaudi, Sol S.p.A., Monza: "A Chemical Industry approach for energy storage".
- 11:40 **Pier Francesco Zanuzzi**, Responsabile Investimenti, Terna S.p.A., Roma: "Toward the smart grids: Terna's activities and projects".
- 12:05 **Ilaria Bertini**, Responsabile Sezione Generazione Distribuita UTEE, ENEA, Roma: "Transition toward smart grids: problems, possible solutions, technology developments".
- 12:30 **Marco Apostolo**, R&D Alternative Energy Manager, GBU Solvay Specialty Polymers, Milano: "What chemistry could offer to improve electricity storage efficiency".
- 12:55 *Discussion*
- 13:15 **Mario Conte**: "Conclusions of the 2nd Session".

13:20 *Networking Light Lunch and B2B meetings*

3rd Session: Economic analysis and 3 financial schemes for the management of the energy

Chairperson: **Vincenzo Albonico**, Presidente, Agesi.

- 14:05 **Antonella Sopranzetti**, Responsabile Comunicazione e Stampa, Esso Italiana, Roma: "The long terms scenario of the energy issues".
- 14:25 **Guido Chiappa**, Innovation Strategy Unit Manager, D'Appolonia S.p.A., Genoa: "How to benefit from the 7 FP of the European Commission and the related programmes".
- 14:45: "The European Institute Bank financings for the production and the uses of the energy".
- 15:05 **Valter Menghini**, Coordinator of the Kyoto Fund, Cassa depositi e prestiti S.p.A., Roma: "The Kyoto fund for the Climate Change Policy".
- 15:25 *Discussion*
- 15:50 **Vincenzo Albonico**: "Conclusions of the 3rd Session".

4th Session: Private financial resources and tools for the clean technologies: a global approach

Chairperson: **Prof. Francesco Rullani**, Luiss.

- 15:55 **Tobias Reichmuth**, CEO, Susi Partners AG, Zurich: "The investment criteria to select green technologies"
- 16:15: "....."
- 16:35 **Giovanna Dossena**, Chairperson, AVM Associati, Milan: "The experiences of the AVM Fund for clean technologies development"
- 16:55 **Guido Busato**, Presidente Eco-Way S.r.l., Milan: "Experiences of CDM transaction as a Financial Leverage for Chemical Projects".
- 17:15 *Discussion*
- 17:40 **Prof. Francesco Rullani**: "Conclusions of the 4th Session".

Filippo Carletti: "Conclusions of the 1st day National Conference on Chemistry and Energy"

20:00 *Social dinner and B2B meetings at Sophia's Restaurant, Hotel Enterprise, Milano*

Agenda: 2nd day, October 12 2011

9:00 *Registration of Participants.*
(English is the official language adopted for this event).

5th Session: Energy and Renewables Sources: new scientific frontiers and technical opportunities

Chairperson: **Claudio Artioli**, Responsabile Energy Management, Gruppo Hera S.p.A..

9:30 **Prof. Aristide Massardo**, , University of Genoa, Genoa:
"....."

9:55 **Prof. Francesco Luca Basile**, Dip. Chim. Ind. e dei Mat., Università di Bologna:
"Synfuel and hydrogen from second generation biomass".

10:20 **Ezio Terzini**, Scientific Director, Enea Centro Ricerche Portici, Napoli:
"....."

10:45 *Discussion.*

11:00 **Claudio Artioli**:
"Conclusions of the 5th Session".

11:10 *Coffee Break and B2B Meetings.*

Round Table on the Policy on 20-20-20: The role of the management, the networks and the institutions

11:30 Moderator: **Fabio Gobbi**, Direttore, La Chimica e l'Industria.

11:50 **Pietro Di Maria**, Manager Practice Energy, Utilities, Chemical & Natural Resources",
Accenture: "Continuous Energy Efficiency Engineering".

12:10 **Hanny Nover**, Director ECRN – European Chemical Regions:
"Energy efficiency in chemical enterprises, an ECRN-CEFIC pilot project with European dimension".

12:30 **Franco Picco**, Direttore Generale, Ambiente Energia e Reti, Regione Lombardia, Milan:
"How the Lombardy Region is approaching the Climate Change Policy".

12:50 **Erwin Rauhe**, Vice President, Federchimica:
"Conclusions of the 2nd National Conference on Chemistry & Energy".

13:00 *Networking Light Lunch and B2B Meetings.*

The Auditorium of Federchimica

A venue where Scientists, Managers, Bankers, Public Officers meet each others to analyse emerging issues and to discuss solutions, to assure the sustainable growth of the Chemical Industry.



Sede di Federchimica - Opera di Giò Pomodoro "Sole Tormante", 1987

