

# THE POTENTIAL OF THE HYDROGEN SUPPLY CHAIN IN THE CONTEXT OF THE ENERGY TRANSITION

September 30, 2020 - 9.30 AM to 1.30 PM  
Sala della Protomoteca in Campidoglio  
Piazza del Campidoglio 55, Roma

ROAD TO



The fight against climate change has posed to decision makers the difficult challenge of sustaining economic growth while reducing CO2 emissions. In other words, decarbonize the global economy.

In the context of the energy transition process, the European Union is a leading actor and aims to achieve climate neutrality by 2050. Italy, for its part, has already taken significant steps forward in the last three decades, mainly thanks to the combined effect of energy efficiency and a growing penetration of renewable sources in the electricity mix, however further efforts will have to be made to achieve the objectives set at EU level.

If the complete electrification of the economy, from industry, to residential, to transport, up to the production of energy, is today considered a challenging goal, hydrogen as an energy carrier shows an interesting potential in the long term, to be a suitable complement to support renewables, to reduce emissions of sectors that up to now have been difficult to be decarbonized, as well as to accumulate energy. This is also thanks to the possibility of using, with the necessary adaptations, the capillary gas transport infrastructure existing today.

The Conference, promoted by the World Energy Council Italy in collaboration with AIDIC – Italian Association of Chemical Engineering, starting from the results of the new WEC's Innovation Insights Brief "*New Hydrogen Economy - Hope or Hype?*" and from the initiative *Hydrogen Global Charter*, will be an important opportunity for discussion among stakeholders, Institutions, companies, organizations, academia and experts, to deepen the potential of hydrogen in the context of the great Energy Transition.

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L'informazione sulla filiera dell'idrogeno

# PROGRAMME

## 9.30 **Opening Remarks**

Marco Margheri, *Chairman WEC Italia*  
Giuseppe Ricci, *Chairman AIDIC*  
Alberto Dossi, *Chairman H2IT*

## 9.45 **Introduction - The hydrogen sector policy and regulatory aspects**

Gilberto Dialuce, *General Director for Infrastructure and Security of Energy and Geomineral Systems - Italian Ministry of Economic Development*  
Stefano Besseghini, *Chairman - Italian Regulatory Authority for Energy, Networks and Environment (Arera)*

## 10.15 **Keynote - International Hydrogen Strategies**

Carsten Rolle, *Executive Director, German Member Committee of the World Energy*

## **Round tables - The commitment of companies and associations:**

### 10.30 • **First Session. New perspectives for the production of hydrogen**

*Moderator: Giacomo Rispoli, President of the AIDIC Group on Energy Transition and FEEM Senior Fellow*

*Discussant:*

- Michele Ziosi, *VP Institutional Relations Europe, Middle East, Africa and Asia Pacific, CNH Industrial*
- Luigi Gargiulo, *Sustainable Mobility Manager, Eni SpA*
- Gaetano Iaquaniello, *Chairman NextChem*
- Marco Parigi, *Piel Global Sales Manager McPhy*

### 11.30 • **Second Session. Infrastructures - transport and storage**

*Moderator: Romano Giglioli, Professor at the Department of Energy, Systems, Land and Construction Engineering - University of Pisa*

*Discussant:*

- Marcello Capra, *Delegate SET Plan UE, Italian Ministry of Economic Development*
- Paolo Deiana, *Contact person for P2X, ENEA*
- Mario Marchionna, *Corporate Head of Technology Innovation, Saipem*

### 12.20 • **Third session. The innovative uses of hydrogen**

*Moderator: Paolo D'Ermo, Secretary General, WEC Italy*

*Discussant:*

- Andrea Saccone, *Communication & External Affairs General Manager, Toyota*
- Robert Millner, *Senior Key Expert for Direct Reduction Plants, Primetals Technologies*

## 13.00 **Conclusions - the state of the art of the fight against climate change**

Guido Bortoni, *Senior Adviser in DG Energy - Internal Energy Market Regulation, European Commission*

Roberto Morassut, *Undersecretary, Ministry of the Environment and Protection of Land and Sea \**

*Open Coffee and buffet open during the whole duration of the Conference*

**Free admission upon registration**

*\* invited to participate*

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Organizing Secretariat

