

## The SMARTENERGY six-pack series

Online advanced training & B2B on game changing energy trends

4 topics - 6 online sessions each



Hydrogen

Energy communities

Smart grids

Smart buildings



Co-funded by the COSME programme of the European Union

# HYDROGEN TECHNOLOGIES

## Italy – start 17/02/2021

### Program of the webinars: topics, speakers, and B2B

From February 17<sup>th</sup> to March 24<sup>th</sup> every Wednesday from 9 to 13

**Wednesday February 17<sup>th</sup>, 2021**

### Hydrogen Knowledge Exchange Program ready, set, go. H<sub>2</sub> value chain in Piedmont

Access link: <https://us02web.zoom.us/j/88095237652?pwd=TTJpMnBNRkhYc3c3Z3cxZWdZbVR3QT09>

- 9.00 Introduction to SMARTENERGY project and the virtual exchanges (*Luca Galeasso, CLEVER cluster*)
- 9.15 Overview of H<sub>2</sub> technology trends (*Sabina Fiorot, Environment Park*)
- 9.45 State of art and trends of innovation in Italian H<sub>2</sub> sector (*Cristina Maggi, H2IT*)
- 10.15 H<sub>2</sub> value chain and perspectives in Piedmont region (*Davide Damosso, Environment Park/CLEVER cluster*)
- 10.45 Inter-regional cooperation initiatives of Piedmont Region on Hydrogen (*Massimo Lapolla, Regione Piemonte*)
- 11.00 Q&A
- *Break*
- 11.30 to 13.00 : Meet the speakers (virtual B2B meetings)

Link for B2B: <https://network.flux50.com/events/smartenergy-6-pack-series-hydrogen-technologies/>

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**Wednesday February 24th, 2021**

### What is behind the scenes? Find out H2 labs, researchers, and facilities in Piedmont

Access link: <https://us02web.zoom.us/j/88584714636?pwd=NkJCelpVdDIza2V4VTlWTjMydWx1dz09>

- 9.00 Introduction to the session (*CLEVER cluster*)
- 9.15 Video presentation of research and testing facilities at Environment Park
- 9.25 R&D initiatives on H2 and fuel cell at Turin Polytechnic (*Massimo Santarelli, PoliTo*)
- 9.45 Hydrogen handling, R&D initiatives at University in Turin (*Marcello Baricco, UniTO*)
- 10.05 CO<sub>2</sub> Circle Lab : the H<sub>2</sub> in carbon capture, utilization and storage chain (*Fabrizio Pirri, IIT*)
- 10.25 Open labs for H<sub>2</sub> based applications at Environment Park (*Sabina Fiorot, Environment Park*)
  
- 11.00 Q&A
  
- Break*
  
- 11.30 to 13.00 : Meet the speakers (virtual B2B meetings)

Link for B2B: <https://network.flux50.com/events/smartenergy-6-pack-series-hydrogen-technologies-b2b-2/>



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**SMARTENERGY**  
 Digitalising Energy in Europe

ARCHERBIO    QinetiQ    TWD    M    teneerrdus    flux50    CLEVER    ENVIRONMENT PARK    Co-funded by the COSME programme of the European Union

**Wednesday March 3rd, 2021**

**The stage goes to...**

**The key players of H<sub>2</sub> technologies introduce their companies and activities (1 of 2)**

Access link: <https://us02web.zoom.us/j/86978505667?pwd=YkFsMTRKWETlZHVlTmFaSC9ySEhRUT09>

- 9.00 Introduction to the session (*CLEVER cluster*)
- 9.15 United colors of hydrogen (*Massimiliano Antonini, Hysytech*)
- 9.35 Innovative hydrogen-powered powertrains (*Paolo Delzanno, Dolomitech*)
- 9.55 From internal combustion engines to hydrogen power engines (*Roberto Golisano, Punch Torino*)
- 10.15 The role of H<sub>2</sub> for green methane production (*Giulio Buffo, IREN*)
- 10.35 Experience and innovation in hydrogen gas supply (*Michela Capoccia, Gruppo SAPIO*)
- 11.00 Q&A
- Break*
- 11.30 to 13.00 : Meet the speakers (virtual B2B meetings)

Link to B2B: <https://network.flux50.com/events/smartenergy-6-pack-series-hydrogen-technologies-b2b-3/>

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**Wednesday March 10th, 2021**

**The stage goes to...**

**The key players of H2 technologies introduce their companies and activities (2 of 2)**

Access link: <https://us02web.zoom.us/j/82805739111?pwd=WVRoMXVrc012bzZ0TU5YUIZOeGg2dz09>

- 9.00 Introduction to the session (*CLEVER cluster*)
- 9.15 The potential exploitation of bio-hydrogen and ACEA perspective (*Viviana Negro, ACEA Pinerolese Industriale*)
- 9.40 Introducing hydrogen into energy networks (*Matteo Robino, SNAM*)
- 10.05 Innovative energy storage and production systems using hydrogen (*Carlo Luetto, Tecnodelta*)
- 10.30 Research and Development on Polymers for H2 applications (*Claudio Oldani, Solvay*)
- 11.00 Q&A
- Break*
- 11.30 to 13.00 : Meet the speakers (virtual B2B meetings)

Link to B2B: <https://network.flux50.com/events/smartenergy-6-pack-series-hydrogen-technologies-b2b-4/>

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**Wednesday March 17th, 2021**

### **How did they succeed? Innovative cooperation projects on H2 technologies**

Access link: <https://us02web.zoom.us/j/84197106595?pwd=Z0ZpUXY5TFNaYkMwVSs0eEZqQkhXdz09>

- 9.00 Introduction to the session (*CLEVER cluster*)
- 9.15 Use of Solid Oxide Fuel Cell for clean energy production from biogas (*Massimo Santarelli, PoliTO*)
- 9.35 H<sub>2</sub> applications for high performance drones (*Carlo Luetto, Tecnodelta*)
- 9.55 HyCARE - Hydrogen carriers for renewable energy storage (*Marcello Baricco, UniTO*)
- 10.15 Sustainable recovery of fuel cell components (*Anna Marchisio and Henning Huth, Hensel Recycling*)
- 10.35 Technology transfer from nuclear fusion to the hydrogen sector (*Lorenzo Dall'Oro, RINA consulting*)
- 10.55 Fuel Cell and Hydrogen gensets (*Stefano Barberis, RINA consulting*)
- 11.05 Use of reversible Solid Oxide Cell (rSOC) technology for energy storage and H<sub>2</sub> production (*Jonathan Morier, Sylfen*)
- Q&A
- Break*
- 11.30 to 13.00 : Meet the speakers (virtual B2B meetings)

Link to B2B: <https://network.flux50.com/events/smartenergy-6-pack-series-hydrogen-technologies-b2b-5/>

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**Wednesday March 24th, 2021**

### **What's next? Looking for opportunities for cooperation, industrialization and market access of H2 solutions**

Access link: <https://us02web.zoom.us/j/88303317532?pwd=enhHdHg0MVIgZVRmSEJMS0tRUWtiZz09>

- 9.00 Introduction to the session (*CLEVER cluster*)
- 9.15 European Green Hydrogen Accelerator, EGHA (*Jacob Ruiter, CEO of EIT InnoEnergy BeNeLux*)
- 9.35 Regional measures and incentives for attraction of foreign SMEs in the energy sector (*Piemonte Agency for Investment and export*)
- 9.55 Opportunities for collaboration with Auvergne-Rhône-Alpes region (*Ingrid Milcent, Tenerrdis*)
- 10.15 Opportunities for cooperation in H2 with Region Wallonie (*Cedric Brull, Tweed cluster*)
- 10.35 Italian Technological Energy Cluster: role and activities on H<sub>2</sub> (*Gian Piero Celata, Cluster Tecnologico Nazionale Energia, CTNE*)
  
- 11.00 Q&A
  
- Break*
  
- 11.30 to 13.00 : Meet the speakers (virtual B2B meetings)

Link to B2B: <https://network.flux50.com/events/smartenergy-6-pack-series-hydrogen-technologies-b2b-6/>

Open to SMEs, companies, clusters, research centres, and organizations: [register for free](#)