



EUROPEAN HYDROGEN WEEK

29 NOVEMBER – 3 DECEMBER 2021

The Hotel, Brussels and virtual/online

DAY 2 Tuesday, 30 November - EUROPEAN HYDROGEN RESEARCH AND INNOVATION PRIORITIES (*hybrid day*)

Parallel sessions of the European Clean Hydrogen Alliance (organised by the European Commission - DG GROW) – fully online, by invitation only

PUBLIC SESSION: EUROPEAN HYDROGEN RESEARCH AND INNOVATION PRIORITIES (*hybrid event*)

09:30 **Opening address** by
Jussi Manninen, EARTO representative, EVP Carbon Neutral Solutions VTT

09:45 **SESSION 1: BUILDING THE SKILLS FOR A HYDROGEN ECONOMY**

Introductory speech on European Skills agenda by *Manuela Geleng, Director for Skills, DG Employment, European Commission*

Panel discussion on importance of specialised skill acquisition to accompany the rapid growth of the hydrogen economy

Moderator: *Laurent Antoni, President, Hydrogen Europe Research*

Panellists:

Salah Mahdy, Global Director, Hydrogen Business, Howden

Hélène Chraye, Head of Unit Clean Energy Transition, DG Research and Innovation, European Commission

Begoña Arano, Head of Department Marie Skłodowska-Curie Actions & Support to Experts, European Research Executive Agency

Christelle Werquin, General Delegate, France Hydrogène

Ana Nikolov, ICBC Institute Executive Director and Head of AEBR Balkans

11:00 **Break**

11:15 **SMART TALK ON THE HYDROGEN KNOWLEDGE HUB** **Moderator:** *Bart Biebuyck, Executive Director, FCH JU*

Participants:

Dirk Beckers, Director, CINEA, European Commission

Luca Bertuccioli, Principal Technologist, E4Tech

Hélène Chraye, Head of Unit Clean Energy Transition, DG Research and Innovation, European Commission



12:00 **Lunch Break**

13:30 **Introductory speech** by *Mirela Atanasiu, Head of Unit Operations and Communications* on European Clean Hydrogen Partnership's scientific priorities

14:00 **SESSION 2: RENEWABLE HYDROGEN PRODUCTION, DISTRIBUTION AND STORAGE**
Panel discussion on short-term scientific priorities on hydrogen production

Moderator: *Gabriele Centi, Professor University of Messina*

Panellists:

Julie Mougin, Head of Hydrogen Technologies, CEA

Samir Bensaid, Coordinator of the PhD Programme in Chemical Engineering, Politecnico di Torino

Hadi Hajibeygi, Associate Professor, TU Delft

Georgios Mitkidis, Head of Alternative Energy & Renewable, Motor Oil Hellas

15:00 **Break**

15:15 **SESSION 3: HYDROGEN FOR END USES**

Panel discussion on short-term scientific priorities on hydrogen for transport, heating, cooling and industrial use

Moderator: *Hubert A. Gasteiger, Professor Technische Universität München*

Panellists:

Steffen Møller-Holst, Vice-President, Sintef

Ankica Kovač, Assist. Prof. University of Zagreb

Alexander Dauensteiner, Product Line Owner Fuel Cells, Viessmann

Daria Vladikova, Bulgarian Academy of Sciences

16:15 **CONCLUDING PANEL ON SCIENTIFIC PRIORITIES**

Moderator: *Bart Biebuyck, Executive Director, FCH JU*

Panellists:

Rosalinde van der Vlies, Director Clean Planet, DG Research and Innovation, European Commission

Christian Ehler, Member of European Parliament, Member of ITRE Committee

Ann Mettler, Vice President, Europe at Breakthrough Energy