

Fuel Cells and Hydrogen  
Joint Undertaking

**Fuel Cells and Hydrogen  
Joint Undertaking (FCH JU)  
5<sup>th</sup> Stakeholders' General Assembly**

*"Realising sustainable growth through  
Fuel Cells and Hydrogen"*

*Maison de la Chimie  
12 October 2012, Paris*

*Programme*



# Fuel Cells and Hydrogen

## Joint Undertaking

**8h30-9h00**

**Registration and welcome coffee**

**9.00-09.45 Opening Session**

Welcome: Pierre Etienne Franc, Chairman of the FCH JU Governing Board

Benoît Potier, Chief Executive Officer of Air Liquide
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Bernard Bigot, President of CEA
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**09.45- 11.00 Session I- Achievements to date and future ambitions for the Fuel Cells and Hydrogen Joint Undertaking within Horizon 2020**

*The Fuel Cells and Hydrogen Joint Undertaking (FCH JU) will review the achievements in all application areas and the roadmap and its priorities in the Horizon 2020 perspectives*

Chair: Knut Harg, Chair of FCH JU Scientific Committee

FCH JU achievements and perspectives	Bert De Colvenaer, Executive Director, FCH JU
FCH long- term technology roadmap 2013 and 2020 and priorities : Industry commitments	Pierre-Etienne Franc, Chairman of the FCH JU Industry grouping
How to tackle energy challenges and innovation: prospects for the next decade	Vladimir Sucha, Deputy Director General of Joint Research Centre, European Commission
Fuel cells and hydrogen Technologies in Horizon 2020	Wiktór Raldow, Head of Unit, Energy Conversion and Distribution Systems, DG Research and Innovation, European Commission
Exchange with the audience	

**11.00 – 11.30 Exhibition and Networking Coffee**

**11.30 – 13.00 Session II- The role of hydrogen and fuel cells in a decarbonised energy system**

*How to implement the integration of hydrogen and fuel cells in clean energy systems*

Chair: Luis Correias, Research Grouping application leader for hydrogen production

Financing collaborative partnerships in France: the example of OSEO	Laure Reinhart, CEO of OSEO
The prospects of H2 in clean energy systems	Ulrich Wagner, Director for energy and transport, Deutsches Zentrum für Luft und Raumfahrt e.v (DLR)
Managing intermittency and the role of smart grids	Kristina Floche Juelsgaard, Development Manager, SEAS-NVE
Stationary deployment through the Ene-field project	Fiona Riddoch, Managing Director of Cogen Europe
Addressing energy challenges in Europe	Tudor Constantinescu, Principal advisor to the Director General, Energy Directorate, European Commission
Exchange with the audience	

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### 13.00 – 14.30 Exhibition and Networking –LUNCH for all participants

### 14.30 -16.00 Session III –Deployment initiatives and challenges for hydrogen infrastructure build-up

*Deployment initiatives are addressed from different perspectives and varying national standpoints*

Chair: Bernard Frois, Chair of the Joint Undertaking's States Representatives Group

Linking the H2 Mobility Plan to the EU deployment strategy	Klaus Bonhoff, Managing Director of the German National Organisation for Hydrogen and Fuel cell technology (NOW)
European support for infrastructure deployment	Olivier Onidi, Director, Innovative and Sustainable Mobility, European Commission, Directorate General for Mobility and Transport ( DG MOVE)
Infrastructure deployment in Japan	Tadashi Ito, Chief Officer, New energy technology Department, NEDO, Japan
A customer -based deployment strategy	Daryl Wilson, CEO Hydrogenics, Canada
Progress of the UK Mobility Plan	James Batchelor, Managing Director, Motive division, Intelligent Energy, United Kingdom
Q&A and exchanges with the audience and panellists	

### 16.00 –16.30 Exhibition and Coffee

### 16.30-18.00 Session IV – Addressing the financial challenges of deployment

*The main future challenges will revolve around access to capital to support deployment projects*

Chair : Pierre- Etienne Franc, Chair of the Governing board of the FCH JU

Financial challenges of clean energy technology projects	David Hart, Director, e4 Tech
Financing innovation – the US approach in cleantech	Jerôme Chevalier, Managing Partner, Quilvest Ventures
Infrastructure investment: the French approach	Ivan Faucheux, Program Director, Commissariat Général aux Investissements d'avenir
Instruments to support projects deployment in France : ADEME experience	Daniel Clément, Director, ADEME
New European financing tools	Jean-David Malo, Head of Unit, Financial engineering, European Commission, Directorate General for Research and Innovation
Q&A with audience and exchanges	

Closing remarks: Bert De Colvenaer, Executive Director of the FCH JU