

Fuel Cells and Hydrogen

Joint Undertaking (FCH JU)

5th Stakeholders' General Assembly

**“Realising sustainable growth through
Fuel Cells and Hydrogen”**

Maison de la Chimie, 12 October 2012, Paris

PROGRAMME

FRIDAY, 12 OCTOBER 2012

08.30 - 09.00 **Registration and welcome coffee**

09.00 - 09.45 **Opening Session**

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

Benoît Potier, Chief Executive Officer of Air Liquide

Bernard Bigot, President of CEA

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 its achievements 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

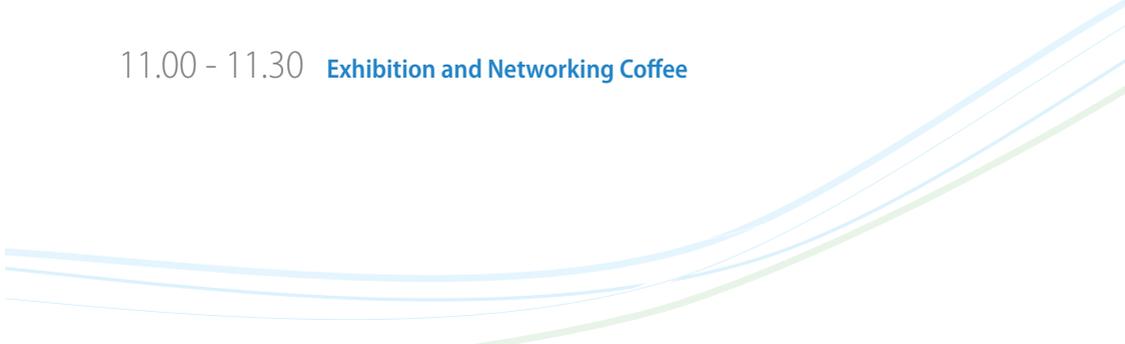
Vladimir Sůcha, Deputy Director General of Joint Research Centre,
European Commission

Fuel cells and hydrogen Technologies in Horizon 2020

Wiktór Raldow, Head of Unit, Energy Conversion and Distribution Systems,
DG Research and Innovation, European Commission

Exchanges with the audience

11.00 - 11.30 **Exhibition and Networking Coffee**



11.30 - 13.00 **Session II – 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 a clean energy system
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

Exchanges with the audience

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 various national standpoints

Chair: Bernard Frois, Chair of the Joint Undertaking's State 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

Exchanges with the audience

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 the deployment of projects

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

Financial challenges of clean energy technology projects
David Hart, Director, e4Tech

Financing innovation – the US approach in cleantech
Jérôme Chevalier, Managing Partner, Quilvest Ventures

Infrastructure investment: the French approach
Ivan Fauchoux, Program Director, Commissariat Général aux Investissements d'avenir

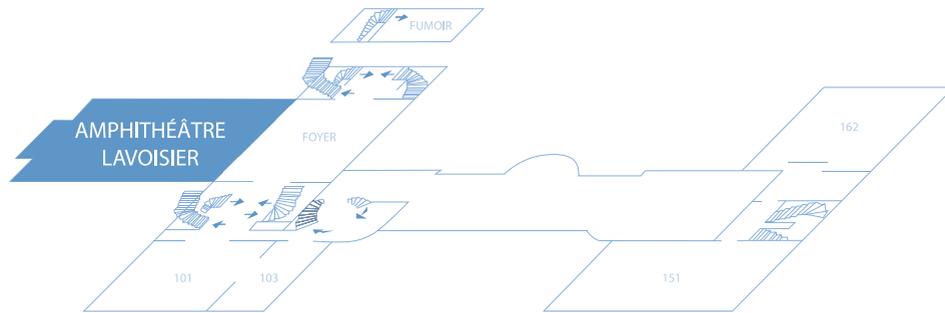
Instruments to support projects deployment in France : ADEME experience
Daniel Clément, Director, ADEME

New European financing tools
Jean-David Malo, Head of Unit, Financial engineering, European Commission, Directorate General for Research and Innovation

Exchanges with the audience

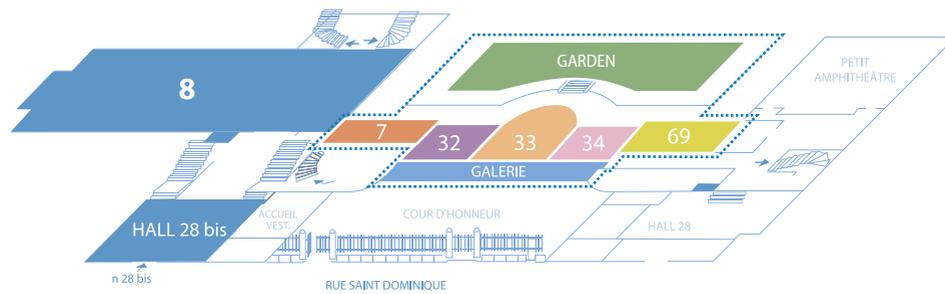
Closing remarks: Bert De Colvenaer, Executive Director of the FCH JU

EXHIBITION MAP



1st floor

PLENARY ROOM	AMPHITHÉÂTRE LAVOISIER
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Ground floor

REGISTRATION	HALL 28 bis
LUNCH	ROOM 8
EXHIBITION AREA & COFFEE BREAK	GALERIE & ROOMS 7, 32-34 & 69
ITM Daimler	ROOM 7
CETH2 Intelligent energy	ROOM 32
Linde Gas DLR	ROOM 33
Air liquide AVL CEA	ROOM 34
IRD Mahytec Hygear	ROOM 69
Antares DLR-H2	GARDEN

