



FUEL CELLS AND HYDROGEN JOINT UNDERTAKING

AGENDA - Stakeholder Forum 23 November 2016

Charlemagne building, Rue de la Loi 170, 1000 Brussels, BE

Moderator: Jacki Davis

8:00	Registration and welcome coffee
9:00	Opening Session The energy transition and climate change
	<p>One year after the Paris Climate Agreement and the launch of the Energy Union, the urge for climate actions is making a fundamental energy transition more crucial than ever. Addressing European decarbonisation targets require technologies that reduce energy consumption and emissions whilst fully harnessing the potential of renewable energies.</p> <p>This opening session aims at taking stock of the latest developments and strategies backed by international, European and regional agreements in order to set the ground for a new path beyond COP 22, paving a way to a low-carbon future. The keynotes will also highlight the role of fuel cell and hydrogen technologies in facilitating Europe's shift to sustainable energy and will emphasise the pertinence of the FCH JU to the Energy Union priorities.</p>
	<ul style="list-style-type: none"> • Bart Biebuyck, Executive director, FCH JU • Markku Markkula, President of the European Committee of the Regions • Ruxandra Draghia-Akli, Deputy Director-General Research Programmes, DG RTD • Marie Donnelly, Director for Renewables, Research and Innovation, Energy Efficiency, EC, DG ENER • Helmut Morsi, Adviser, Investment, Innovative & Sustainable Transport, EC, DG MOVE • Jerzy Buzek, Member of European Parliament (video-message)
9:45	Session 1 How can national and regional initiatives impact deployment?
	<p>Fuel cells and hydrogen technologies are ready for market deployment but a systemic and integrated approach is essential to accelerate their market penetration.</p> <p>This first session will highlight innovative best practices in order to understand how international, national and regional initiatives have been shaped and how programmes are integrated. It will indicate how this can translate into regulations, tariffs, and incentives and how it can favour the market penetration of FCH products/solutions. Further coordination of priorities and activities with European regions and cities are a key step for the FCH JU drive to achieve its goals. In the scope of this session, a signing ceremony will also take place, emphasising the commitment of specific regions towards integration of fuel cells and hydrogen technologies.</p>
	<ul style="list-style-type: none"> • Barney Crocket, Councillor Aberdeen city, Scotland • Marta Gastón Mena, Regional Minister for Economy, Industry and Employment, Aragón, Spain • Ola Elvestuen, Member of Parliament, Norway • Antonello Locci, Deputy Economic Advisor, European Investment Bank • Katja Neumann, Federal Ministry for Economic Affairs and Energy, Germany • Shinya Kawamura, Ministry of Economy, Trade and Industry, Japan • Dan Sadler, Leeds City Gate project, UK <p>• Signing Ceremony – Memorandum of Understanding regions</p>

11:15	Networking break
11:45	Session 2 How can partnering with other sectors increase synergies?
<p>Fuel cells and hydrogen technologies offer a unique tool to address sectorial challenges in an integrated manner, as it surpasses sectorial boundaries across electricity, gas, heating, transport and industrial uses.</p> <p>This second session will present how other sectors are performing in order to accommodate existing grids and integrate sustainable solutions. It will also help identifying the role hydrogen can play in the EU energy mix and will give further insight as to how it can act as the “missing link” between the power, gas, mobility and industry sectors.</p>	
	<ul style="list-style-type: none"> • Klaus Peter Röttgen, President, EASE • Giles Dickson, CEO, Wind Europe • James Watson, CEO, Solar Power Europe • Marcel Keiffenheim, Head of politics, Greenpeace Energy • Margot Loudon, Deputy Secretary General, Eurogas
13:00	Lunch
14:30	Session 3 How did the FCH JU’s contribution impact the sector?
<p>For multiple market segments, fuel cells and hydrogen technologies are already an everyday reality. They are on the market and valued as innovative solutions in the transport and energy sectors.</p> <p>This last session aims at highlighting the progress made by the FCH JU programme and how the latest developments impacted the sector in specific regions. Key actors involved in FCH JU projects will present strategic advances through different cases and state of the art. This session will include interactive parts as speaker’s interventions will be enrolled and complemented with live videos.</p> <p>Depicting the key benefits for end users but also for citizens will allow for the audience to better understand the FCH JU efforts and (how it can bring economies of scale to make these solutions affordable to consumers).</p>	
	<p>I. Energy</p> <ul style="list-style-type: none"> • Graham Cooley, CEO, ITM Power (on Hydrogen production, storage and distribution) • <i>video on H2 production and distribution (Don Quichote project) - Belgium</i> • Alexander Dauensteiner, Head of Product Management Portfolio, Vaillant (on Micro CHP) • <i>video on large scale Stationary fuel cell (DEMOSOFC project) - Torino</i> <p>II. Transport</p> <ul style="list-style-type: none"> • Fabio Ferrari, CEO Symbio FCell (on cars) • <i>video Hype taxi driver - Paris</i> • Frank Koch, Fuel Cell and Hydrogen Network NRW (North Rhine-Westphalia) • <i>video on fuel cell bus fleet - London</i> • Nikolas Iwan, Managing Director, H2 Mobility Germany (on infrastructure) <p>III. Safety</p>
16:00	Closing session
	<ul style="list-style-type: none"> • Tudor Constantinescu, Principal Adviser, EC, DG ENER • Laurent Antoni, CEA, Chair of N.ERGHY • Raphael Schoentgen, ENGIE, Chair of Hydrogen Europe • Bart Biebuyck, Executive director, FCH JU
16:30	Networking and refreshments