INTERNATIONAL PARTNERSHIP FOR
HYDROGEN AND FUEL CELLS IN THE ECONOMY

Information Communiqué

Fuel Cells and Hydrogen – A Global Opportunity

November 15, 2017 – Recently representatives from IPHE[1] member countries met senior officials of leading companies of the Hydrogen Council[2] to discuss current and future opportunities and challenges in the use of fuel cells and hydrogen (FCH) technologies in energy, transportation, industry sectors and the built environment. Government and industry officials committed to work together to make these opportunities a reality.

Hydrogen and electricity are two complementary and viable energy carriers available now helping to change our energy and transportation systems, our industrial processes, all while providing jobs and economic growth. FCH technologies enable clean energy systems, enhance energy security, support the electrification of transportation systems, contribute to economic growth, and help address local and global environmental objectives.

Worldwide policy and fiscal support is increasing for FCH technologies with some regions making unprecedented commitments[3] designed to integrate fully the technology into the economy. All countries pursuing FCH technologies are focusing on broader market applications with a view to the large, commercial-scale role for hydrogen across the energy, transportation, and industry sectors.

IPHE member countries are leading the way in integrating hydrogen across sectors. By analysing, demonstrating, and deploying FCH technologies from energy management (e.g., Raglin Mine[4], Power to Gas[5]) to transportation (e.g., Alstom[6], City of London[7]), to industrial applications (e.g., Verbund[8], ThyssonKrupp[9]), to the built environment (e.g., Leeds City Study[10]), governments and industry are making 'hydrogen in the economy' a reality.

Further work is needed across the innovation spectrum to get costs down and to get infrastructure in place to take advantage of these technologies. Governments and industry are taking action.

For further information on actions by member countries, please see the IPHE website at www.iphe.net .

– 30 –

Contact:

Tim Karlsson, Executive Director
International Partnership for Hydrogen and Fuel Cells in the Economy (IPHE)

IPHE Secretariat Office
Avenue de la Toison d'Or 56-60, 04/16 B-1060 Brussels, Belgium
Phone: +32 (0)2 541 82 76
Cell: +32 (0)483 22 67 66
e-mail: tim.karlsson@iphe.net
www.iphe.net

[1] The IPHE's objective is to facilitate and accelerate the transition to clean and efficient energy and mobility systems using fuel cells and hydrogen (FCH) technologies. It provides a forum for sharing information on policies and technology status, as well as on initiatives, codes, and standards to accelerate the cost-effective transition to the use of FCH in the economy. For more details on the IPHE go to http://www.iphe.net/

[2] The Hydrogen Council, a global initiative by leading energy, transport, and industry companies provides a vision for the role of hydrogen in the economy. See http://hydrogeneurope.eu/wp-content/uploads/2017/01/170113-Hydrogen-Council-International-Press-Release.pdf

[3] Japan's Hydrogen Strategy http://www.meti.go.jp/english/press/2017/1226_003.html

[4] Raglan Mine http://tuglig.com/press/Tugliq%20Public%20Report%20EN.pdf

[5] European Power to Gas http://www.europeanpowertogas.com/about/power-to-gas

[6] Alstom Train http://www.alstom.com/press-centre/2016/9/alstom-unveils-its-zero-emission-train-coradia-ilint-at-innotrans/

[7] City of London https://www.london.gov.uk/press-releases/mayoral/sadiq-to-stop-buying-dirtiest-diesel-buses

[8] Verbund Project H2Future http://www.h2future-project.eu/

[9] ThyssenKrupp Carbon2Chemicals https://www.thyssenkrupp.com/en/carbon2chem/

[10] H21 Leeds City Study http://www.northerngasnetworks.co.uk/wp-content/uploads/2016/07/H21-Report-Interactive-PDF-July-2016.pdf