

Budapest Workshop

“UK – Central Europe Hydrogen Energy Collaboration in Policy and Technology”

Date: 26th September 2019. 09.00 – 15.00 (CET)

Venue: Hungarian Academy of Sciences, Centre for Natural Sciences (MTA TTK)
Budapest, XI. district, Info Park; Magyar tudósok körútja 2.
<https://www.google.ch/maps/search/MTA+TTK/@47.4876772,19.035803,14z>

Organizers: Hungarian Hydrogen & Fuel Cell Association
JÁK Hungarian E-mobility Cluster

Partner: UK Hydrogen and Fuel Cell Association

Sponsor:



British Embassy
Budapest

The UK – Central Europe Hydrogen Energy Collaboration project is supported by the **Prosperity Fund of the British Foreign and Commonwealth Office**

in cooperation with:



Project of “Hydrogen technologies for innovative V4”

Participation: free but by invitation only, and preliminary registration is required

Registration: <https://cleanmobility.hu/> (further information: ildiko.nagy@jedlikanyosklaszter.hu)

Language: English (no translation provided)

Patrons: Iain Lindsay, Her Majesty’s Ambassador to Hungary
Péter Kaderják, State Secretary for Energy and Climate Policy

Programme (CET):

- 08.45 – 09.00 Arrival and registration
- 09.00 – 09.20 Welcome and opening by the patrons:
Mr. Iain Lindsay (HM Ambassador to Hungary)
Mr. Péter Kaderják (State Secretary for Energy and Climate)
- 09.20 – 09.40 **Amanda Lyne** (managing director, ULEMCo Ltd.; UK Hydrogen and Fuel Cell Association):
Hydrogen and Fuel Cells in the UK – Real transformation and innovation occurring across transport, power and heat that could deliver commercial benefit for all
- 09.40 – 10.00 **David Barnett** (business development director, Wrightbus Ltd.):
Hydrogen fuel cell bus development at Wrightbus Ltd. and European deployment plans
- 10.00 – 10.20 **Richard Stockwell** (Director – Strategic Innovations, Fuel Cell Systems Ltd.):
The Hydrogen Refuelling Spectrum
- 10.20 – 10.40 CEE Country presentations (2 countries: BG, SL) - 10 minutes / country
- 10.40 – 10.55 Questions & answers

Coffee break (15 min)

- 11.10 – 11.20 **Alexandru Floristean** (Hydrogen Europe):
How Hydrogen technologies can help achieve energy, climate and environmental policy objectives” (focus on RED-II and NECP)
- 11.20 – 11.40 *Hydrogen technology (UK) presentation-2* (to be confirmed)
- 11.40 – 12.00 **Karin Stehlík, Dr.** (HYTEP Czech Hydrogen Technology Platform):
Hydrogen technologies for innovative Visegrad region
- 12.00 - 12.20 CEE Country presentations (2 countries: PL, SK) - 10 minutes / country
- 12.20 – 12.30 Questions & answers

Launch break (30 min)

- 13.00 – 13.30 CEE Country presentations (3 countries: HR, RO, HU) -10 minutes / country
- 13.30 – 13.45 **Dóra Fazekas** (Cambridge Econometrics (CE), head of Budapest office)
The role for hydrogen in the low carbon economy
- 13.45 – 14.00 Introduction and summary of the CEE’s hydrogen-technology Opportunity Mapping
- 14.00 - 14.50 Informal discussion on opportunities, synchronizing plans; networking possibility
- 14.50 – 15.00 Closing

Background:

About the project “UK – Central Europe Hydrogen Energy collaboration in policy and technology” with 8 CEE countries

Workshop

The first ever UK – Central Europe technology and policy workshop will take place in September 2019 in Budapest bringing together policy, industry (and research) to familiarize with UK enabling policy landscape and technology offering in hydrogen and fuel cell technologies across transport and power to help CE’s policy environment. UK has considerable technology and policy experience, which can be useful for Central European countries where hydrogen solutions are gaining attention and momentum by policy makers and industry. During the Workshop Central European countries would have the possibility to introduce shortly their national hydrogen-technology development plans, or main projects, which will be summarized in a CE hydrogen opportunity map, as the second main element of the project.

Participating CE countries: BG, CR, CZ, HU, RO, SK, SL, PL

Organizer / coordinator: HU

Opportunity mapping




Gaining overview on hydrogen development plans across Central Europe will be the first step to facilitate partnership building and exploiting synergies especially in the area of hydrogen refuelling station development plans to inform these countries in their endeavour to create an inter-connected, “permeable” hydrogen network in the region. It will focus on two main issues:

- hydrogen refuelling station possibly with using on-site water electrolysis (possibly in cooperation with power grid) and the related EU Directive on Alternative Fuel Infrastructure (**AFI**, 2014/94/EU), its National Policy Framework(s), and the ongoing review process of the AFI directive. Hydrogen and hydrogen-technology aspects of National Climate & Energy Plans (**NCEP**) of participating countries can also be important since EU Member States have to finalize these NCEPs until the end of 2019.
- perspectives of - green and/or low-carbon - hydrogen in the frame of the new Renewable Energies Directive (**RED-II**, 2018/2001/EU) both in transport and in energy (production) sectors.

Target groups of participants

The first ever forum bringing together primarily stakeholders from the government (policy) sector and corporate sector, especially those who already have realized, participated or plan hydrogen energy projects in their country. Besides regulator bodies, research and innovation, national hydrogen associations (multiplier organisations) are also expected to participate. The UK – Central Europe Hydrogen Energy Collaboration workshop provides a unique opportunity to exchange experience and best practice in hydrogen energy solutions among all those who are working with hydrogen technology solutions, responsible for the provision of alternative fuels, fuel infrastructures (especially hydrogen refuelling stations) and fuel cell vehicles, as well as energy production (including – preferably green or low-carbon - hydrogen production for grid stabilisation, Power-to-Gas, energy storage projects etc.)

Further availabilities:

HHFCA	JÁK	UK HFCA	Visegrad Fund
			
www.hfc-hungary.org	www.jedlikanyosklaszter.hu	www.ukhfca.co.uk	www.hytep.cz/en/projects/visegrad