



PCHET 2020

On-line Edition

Agenda

**28th September 2020 - PCHET's Technological section
and
29th September 2020 – The main conference event**

Area 1	Good practices
Area 2	National strategies and implementation
Area 3	Mechanisms to support development
Area 4	Legislation
Area 5	Innovations

Polish/English translation available!

15:00-18:00	September 28th Scientific and technological section and discussion panels				
	Electric motors or hydrogen internal combustion engines Moderated by Prof. M Brzeżański				
15.00-16.30	Jesper Themsen BALLARD Comparative assessment of batteries vs. fuel cells in the electrification of mobility	Prof Marek Brzeżański Cracow University of Technology Internal combustion engines for pure hydrogen /gas mixture	Pedro Bravo Keyou Hydrogen internal combustion engines for buses	Dr Piotr Bielaczyc Institute of Automotive Research and Development BOSMAL Sp. z o.o. Testing methodologies for electric drives for cars	Dr Andrzej Szalek Toyota Motor Poland Hybrid, fuel cell and electric car manufacturer's experience – Toyota case study
16.40-18.00	Railway dedicated session Moderated by Prof. Tadeusz Uhl				
	D.Eng. Piotr Głowski (video) President, the city of Piła Hydrogen in the city of Piła	Prof. Tadeusz Uhl AGH and EC Engineering Hydrogen fuel of the future for rail transportation	Witold Gadoś Siemens Mobility Siemens Mobility - Experience In fuel cell In locomotive	Tomasz Pelc Nexus Cosnultants "Hy-way to Hel" Pomeranian Hydrogen Valley	
	September 29th – The main conference event				
	Opening and greetings				
10:00-10:45	Ireneusz Zyska Ministry of Climate	Leszek Bonna (video) Vice-Marshal of the Pomeranian Voivodeship	Katarzyna Gruszecka-Spychała (video) Vice-President of City of Gdynia	Jarosław Filipczak President of Regional Pomeranian Chamber of Commerce	
10:55-11:00	Break				
11:00-11:35	European section - Hydrogen in Europe				
	Tudor Constantinescu Principal Advisor to Director General of DG Energy Present EC strategy and objectives on hydrogen		Jorgo Chatzimarkakis Hydrogen Europe The potential of hydrogen energy to transform Europe's energy landscape		
11:35-11:45	Break				

11:45-12:45	The strategies of Polish Champions				
	Sylwia Pawlak Hydrogen Technologies at LOTOS	Jacek Smyczyński PKN Orlen Beginning of Hydrogen in Poland by PKN Orlen	Arkadiusz Sekściński (video) Vice president Polskie Górnictwo Naftowe i Gazownictwo SA	Sławonir Halbryt Cluster of Hydrogen and Clean Coal Energy Technologies Cluster's Strategy – a road towards open innovations	
12:45-13:00	Break				
13:00-13:55	Europe and Poland in the global H2 context				
	Prof. Wojciech Gis Institute of Motor Transport Hydrogen Poland in the context of Europe and global hydrogen developments - overview	Grzegorz Pawelec Hydrogen Europe EU Funds and Hydrogen technologies as an opportunity for post COVID-19 economic recovery		Jan Wegener NOW GmbH Germany's Road to Hydrogen: past, present and future	
13:55-14:00	Break				
14:00-15:15	Section Poland				
	Szymon Byliński Ministry of Climate Polish Hydrogen Strategy	Dr Grzegorz Tchorek University of Warsaw The use of RES in transport the state of work in Poland	Dr Jan Staniłko Ministry of Economic Development Hydrogen project evaluation in IPCEI format	Maurycy Rzeźniczak City of Gdynia PDA Support project for Pomerania	Sławomir Halbryt Sescom SA HGaas Project
15:15-15:30	Break				
15:30-16:10	Legal session - discussion panel Moderated by Michał Sznycer				
	Alexandru Floristean Hydrogen Europe FCH JU The CertifHy system for tracking the origin of green (renewable) and blue (low-carbon) hydrogen		Ewa Mazur Ministry of Climate		Prof. Jakub Kupecki (TBC) Institute of Power Engineering
16:10-16:50	Social dialogue regarding hydrogen in society and economy Moderated by Maciej Dębski				
	prof. Piotr Stankiewicz Nicolaus Copernicus University in Toruń, director of the Łukasiewicz Research Network - Institute of Organization and Management in Industry ORGMASZ	Hydrogen ship model (video) – education project	Jacek Wysocki Advanced System Engineering's representative – Building the trust for hydrogen		Damian Mucha Vice-president of Pomeranian Regional Chamber of Commerce
16:50-17:00	Break				
17:00-18:00	Good practices in Europe				
	Guillermo Figueruelo Malo Fundación para el Desarrollo de las Nuevas Tecnologías del Hidrógeno en Aragón Big HIT – New concept of hydrogen territories	Andreas Hänel DBI - Gastecnologisches Institut GmbH Freiberg Hydrogen Utilization in the Seaport of Emden/Germany	Jens Bischoff Enapter Modular AEM electrolyser		Gregor Blanka Fronius Fronius Solhub for decentralized production, storage and utilization of green hydrogen
Final debate and summary of PCHET 2020 by Mateusz Cabak, BiznesAlert.pl					