



PCHET 2020

On-line Edition

Agenda

**28th September 2020 - Scientific and 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

15:00 - 18:00	September 28th Scientific and technological section and discussion panels				
Electric motors or hydrogen internal combustion engines					
Moderated by Prof. M Brzeźański					
15.00 - 16.30	Randy MacEwen President & CEO of BALLARD or Jesper Thomsen Comparative assessment of batteries vs. fuel cells in the electrification of mobility	Prof Marek Brzeźański Cracow University of Technology Internal combustion engines for pure hydrogen /gas mixture	Robin Zalwert Keyou Hydrogen internal combustion engines for buses	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					
	(TBC) Grupa LOTOS oraz PKN Designing of hydrogen locomotive	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		
10:00	September 29th – The main conference event				
10:00	Opening and greetings				
	Ministry Representative (TBC)	Marshal of the Pomeranian Voivodeship	President of City of Gdynia	President of RIGP – Representative of the Cluster of Hydrogen and Clean Technologies	
10:45	European section - Hydrogen in Europe				
	Frans Timmermans (TBC) The potential of hydrogen energy to transform Europe's energy landscape		President of PKN Orlen (TBC) The role of hydrogen in the Polish economy		
11:45	The strategies of Polish Champions				
	LOTOS - Hydrogen Road Map Will LOTOS introduce electrolysis hydrogen into refinery processes?	PKN Orlen – Is hydrogen to be sold only at service stations or is self-refueling possible? Hydrogen generation centrally or locally?	PGNiG Hydrogen injection into gas network grid - necessity and need.	Polenergia Why burning hydrogen in CHP will be profitable in PowerStation Nowa Sarzyna	ZE PAK – Green hydrogen from biomass - Hydrogenics project case study

12:45	Break			
13:00	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	Speaker (TBC) Hydrogen Europe - HORIZON 2020 implementation in the context of the covid-19 outbreak	Ireneusz Zyska - Government Representative for development of RES Conclusions of the EU Climate Summit in June - identifying the objectives to be allocated to the Just Transition Fund	
14:00	Section Poland			
	Szymon Byliński (TBC) Ministry of Climate Polish Hydrogen Strategy	Dr. Grzegorz Tchorek Head of expert group No. 2 EKO TRANSPORT Team for the Development of The Renewable Energy Industry and Benefits for the Polish Economy – Ministry of Climate The use of RES in transport the state of work in Poland.	Maurycy Rzeźniczak UM Gdynia PDA Support project for Pomerania	Stawonir Halbryt (TBC) Hydrogen Cluster Strategy
	Break			
15: 30	Legal session - discussion panel Moderated by Michal Sznycer			
	Alexandru Floristean FCH JU (TBC) FCH JU The CertifHy system for tracking the origin of green (renewable) and blue (low-carbon) hydrogen		Ministry of Development (TBC) Commissions dealing with the Electromobility Act, Biofuels industry representative	
16:15	Social dialogue regarding hydrogen in society and economy Moderated by Maciej Dębski			
	prof. Piotr Stankiewicz	Advanced System Engineering's representative - building trust for hydrogen.	Jakub Kupecki Institute of Energy and Cluster's Representative	
17:00	Good practices in Europe			
	Fernando Palacín Arizón (Hiszpania) Fundación para el Desarrollo de las Nuevas Tecnologías del Hidrógeno en Aragón	Jan Wegener NOW GmbH Germany's Road to Hydrogen: past, present and future	Jesper Andresen Green Hydrogen - New compact electrolysers	
Final debate and summary of PCHET 2020				