

08.30 – 09.00	Welcome, concept and objectives- Room Alcide de Gasperi – Floor 2			
	Demonstration activities in road transport	Fuel cells Degradation aspects	Sustainable Hydrogen production	New materials and stacks for FC applications
	Room Alcide de Gasperi (GASP)- Floor 2	Room Jean Durieux (DURI)- Floor 1	Room Sicco Mansholt (MANS)- Floor 0	Room Lord Jenkins (JENK)- Floor 0
	Moderators: Carlos Navas; Joerg Wind	Moderators: Mirela Atanasiu, Lenaic Georgelin	Moderators: Eveline Weidner, Joaquin Martin Bermejo	Moderators: Jean-Luc Delplancke, Guillaume Leduc
09.00 – 09.30	H2moves , H2 Moves scandinavia	DECODE, understanding of degradation mechanisms to improve components and design of PEFC	NanoPEC, nanostructured photoelectrodes for energy conversion	RAMSES , Robust Advanced Materials for Metal Supported SOFC
09.30 – 10.00	CHIC , Clean Hydrogen in European Cities	MCFC-CONTEX , Molten Carbonate Fuel Cell catalyst and stack component degradation and lifetime: Fuel Gas contaminant effects and extraction strategies	SOLHYDROMICS, nanodesigned electrochemical converter of solar energy into H2 hosting natural enzymes or their mimics	PEMICAN , PEM with Innovative low cost Core for Automotive application
10.00 – 10.30	Autostack , automotive fuel cells stack cluster initiative for Europe	ROBANODE , Understanding and minimizing anode degradation in hydrogen and natural gas fuelled SOFCs.	HYCYCLES, materials and components for hydrogen production by sulphur based thermochemical cycles	Maestro , MembrAnEs for Stationary applications with RObust mechanical properties
10.30 – 11.00		KEEPEMALIVE , Knowledge to Enhance the Endurance of PEM fuel cells by accelerated lifetime verification Experiments	HYDROSOL-3D , Scale up of thermochemical hydrogen production in a solar monolithic reactor: a 3 rd generation design study	SCOTAS-SOFC , Sulphur, Carbon, and re-Oxidation Tolerant Anodes and Anode Supports for Solid Oxide Fuel Cells

Break

	<i>Early market demonstrations for materials handling vehicles</i>	<i>Fuel cells Degradation aspects (cont)</i>	<i>Hydrogen production and storage activities</i>	<i>New materials for FC applications</i>
	<i>Room Alcide de Gasperi (GASP)- Floor 2</i>	<i>Room Jean Durieux (DURI)- Floor 1</i>	<i>Room Sicco Mansholt (MANS)- Floor 0</i>	<i>Room Lord Jenkins (JENK)- Floor 0</i>
	<i>Moderators: Enrique Giron, Ralph-Uwe Dietrich</i>	<i>Moderators: Mirela Atanasiu, Angelo Moreno</i>	<i>Moderators: Carlos Saraiva Martins, Luis Correas</i>	<i>Moderators: Lenaic Georgelin, Jean-Luc Delplancke</i>
11.15 – 11.45	SHEL , Sustainable Hydrogen Evaluation in Logistics	DEMMEA , understanding the degradation mechanisms of membrane-electrode-assembly for temperature PEMFCS and optimisation of the individual components	NANOHY , novel nano-composites for hydrogen storage applications	SMALLINONE , smart membrane for hydrogen energy conversion: all fuel cell functionalities in one material
11.45 – 12.15	MobyPost , MOBILITY WITH HYDROGEN FOR POSTAL DELIVERY	PREMIUM ACT , Predictive modelling for Innovative Unit Management and accelerated Testing procedures of PEFC,	FLYHY , Fluorine substituted high capacity hybrids for hydrogen storage at low working temperatures	EFFIPRO , efficient and robust fuel cell with novel ceramic proton conducting electrolyte
12.15 – 12.45	HyLIFT-DEMO , European demonstration of hydrogen powered fuel cell forklifts	LOLIPEM , Long-life PEM-FCH &CHP systems at temperatures $\geq 100^{\circ}\text{C}$	SSH2S , Fuel cell coupled solid state hydrogen storage tank	SOFC-LIFE , Solid Oxide Fuel Cells – Integrating Degradation Effects into Lifetime Prediction Models
12.45 – 13.30		STAYERS , Stationary PEM fuel cells with lifetimes beyond five years	RELHY innovative solid oxide electrolyser stacks for efficient and reliable hydrogen production	

Lunch				
	Portable and back-up power applications	New electrolyzers for Hydrogen production	Stationary applications proof-of-concepts and System components development	New materials and stacks for FC applications
	Room Alcide de Gasperi (GASP)- Floor 2	Room Jean Durieux (DURI)- Floor 1	Room Sicco Mansholt (MANS)- Floor 0	Room Lord Jenkins (JENK)- Floor 0
	Moderators: Enrique Giron, Mikael Sloth	Moderators: Eveline Weidner, Luis Correias	Moderators: Mirela Atanasiu, Helge Holm-Larsen	Moderators: Carlos Saraiva Martins, Lenaic Georgelin
14.30 – 15.00	ISH2SUP, In situ H2 supply technology for micro fuel cells	WELTEMP, water electrolysis at elevated temperatures	LOTUS, Low temperature Solid Oxide Fuel Cells for micro-CHP applications	IDEAL- Cell, innovative dual membrane fuel cell
15.00-15.30	IRAFC, Development of an Internal Reforming Alcohol High Temperature PEM Fuel Cell Stack	Primolyzer, Pressurised PEM Electrolyzer stack	ASTERIX3, assessment of SOFC CHP systems build on the technology of htceRamIX 3	ZEOCELL, nanostructured electrolyte membranes based on polymer-ionic liquids zeolite composites for high temperature PEM fuel cell
15.30 – 16.00	FITUP, Fuel cell field test demonstration of economic and environmental viability for portable generators, backup and UPS power system applications	NEXPEL, Next-Generation PEM Electrolyser for Sustainable Hydrogen Production	ASSENT, Anode Sub-System Development & Optimisation for SOFC systems	METSOFC , development of next generation metal based SOFC stack technology
16.00-16.30	NH34PWR, ammonia based fuel cells power for off-grid cell phone towers	ADEL, Advanced ELectrolyser for Hydrogen Production with Renewable Energy Sources	CATION, Cathode Subsystem Development and Optimisation	QUASIDRY, quasi-anhydrous and dry membranes for next generation fuel cell

<i>Break</i>				
	<i>Training and regulatory aspects</i>	<i>Socio-economic and benchmarking activities</i>	<i>Operation diagnostics tools for stationary applications</i>	<i>Pre-normative research & Life cycle assessment activities</i>
	<i>Room Alcide de Gasperi (GASP)- Floor 2</i>	<i>Room Jean Durieux (DURI)- Floor 1</i>	<i>Room Sicco Mansholt (MANS)- Floor 0</i>	<i>Room Lord Jenkins (JENK)- Floor 0</i>
	<i>Moderators: Guillaume Leduc, Steffen Moller-Holst</i>	<i>Moderators: Enrique Giron, Joerg Wind</i>	<i>Moderators: Helge Holm-Larsen, Angelo Moreno</i>	<i>Moderators: Carlos Navas, Joaquin Martin Bermejo</i>
16.45 – 17.15	TrainHy-Prof , Building Training Programmes for Young Professionals in the Hydrogen and Fuel Cell Field	Prepar-H2 , Preparing socio and economic evaluations of future H2 lighthouse projects	GENIUS , generic diagnosis Instrument for SOFC Systems	HyQ , Hydrogen fuel Quality for transportation and other energy applications
17.15 – 17.45	HYPROFESSIONALS , Development of educational programs and training related to hydrogen technologies and fuel cells in Europe	NextHyLights , Supporting action to prepare large-scale hydrogen vehicle demonstration in Europe	D-CODE , DC/DC Converter-based Diagnostics for PEM systems	HyCOMP , Enhanced Design Requirements and Testing Procedures for Composite Cylinders intended for the Safe Storage of Hydrogen
17.45 – 18.15	HyFacts , Identification and Dissemination of Hydrogen Safety facts to regulators and public safety officials	FC-EUROGRID , Evaluating the Performance of Fuel Cells in European Energy Supply Grids	DESIGN , Degradation Signatures identification for stack operation diagnostics	FC_Hy Guide , guidance document for performing LCA's on hydrogen and fuel cell technologies
18.15 – 18.45	Closing Session: Feedback to be provided to SGA, Room Alcide de Gasperi – Floor 2			

	Demonstration projects
	Cross cutting projects
	H ₂ production and storage
	Fuel cells materials and degradation
	Proof of concept, design for stationary