



PROGRAMME AT A GLANCE

- HIGH LEVEL POLICY CONFERENCE – PROGRAMME
- B2B FORUM – PROGRAMME
- EU RESEARCH DAYS - PROGRAMME
- CLEAN HYDROGEN PARTNERSHIP FORUM
- SIDE EVENTS

MONDAY, OCTOBER 24 - DAY 1: GLOBAL DAY

12:00 - 13:30

Registration - Hall 11
Welcome Lunch - Foyer Auditorium 500

13:30 - 15:15

SESSION 1 - BUILDING THE GLOBAL HYDROGEN ECONOMY - AUDITORIUM 500

Welcome remarks by the hosts

- Jorgo Chatzimarkakis, Chief Executive Officer (CEO), Hydrogen Europe
- Bart Biebuyck, Executive Director, Clean Hydrogen Partnership

Special video address

- Kadri Simson, European Commissioner for Energy

Opening remarks

- Jon André Løkke, President of the board, Hydrogen Europe
- Melissa Verykiou, Governing Board Chair Elect, Clean Hydrogen Partnership

Keynote video remarks

- Gerd Müller, Director General, United Nations Industrial Development Organization (UNIDO)

Building the global hydrogen economy

- Jorgo Chatzimarkakis, CEO, Hydrogen Europe

Fireside chat

- Håkon Vollidal, CEO, Nel Hydrogen
- Dr. Sopna Sury, Chief Operating Officer (COO) Hydrogen, RWE Generation

Moderated by

- Aleksandra Tomczak, Member of Cabinet of the Executive Vice President for European Green Deal Frans Timmermans, European Commission

Closing remarks

- Nils Aldag, Co-Chair of the Renewable Hydrogen Coalition and CEO and co-founder, Sunfire

15:15 - 15:45

Coffee Break - Foyer Auditorium 500

15:45 - 17:00

SESSION 2 - HYDROGEN AND NEW GEOPOLITICS OF ENERGY - AUDITORIUM 500

Setting the scene

- Meredith Annex, Head of Heating & Hydrogen, BloombergNEF

Speech

- Ireneusz Zyska, Secretary of State, Government Plenipotentiary for Renewable Energy Sources, Ministry of Climate and Environment, Poland

Panel debate

- Stefano Signore, Head of Unit INTPA.F.1 - Climate Change and Sustainable Energy; Nuclear Safety, European Commission
- Petra Schwager, Division Chief of Climate and Technology Partnerships, UNIDO
- Cristian Carraretto, Head of Energy Transition in the Sustainable Business and Industry department, EBRD
- Francisco Pablo de la Flor García, Chair of the United Nations ECE Group of Experts on Gas
- Giorgos Triantafyllou, Strategy General Manager, Motor Oil

Moderated by

- Innocent Uwuijaren, Chairman, African Hydrogen Partnership and Co-founder, Cheranna Energy

Closing video remarks

- Jozef Síkela Czech Minister for Industry and Trade, EU Presidency

17:00 - 18:00

SESSION 3 - TRANSPORTING HYDROGEN - GLOBAL AND EUROPEAN INFRASTRUCTURE - AUDITORIUM 500

Setting the scene

- Ralph Bahke, Managing Director, ONTRAS

Panel Debate

- Manon Van Beek, CEO, TenneT
- Daniel Teichmann, CEO, Hydrogenious
- Pierre Duvieusart, Deputy CEO, GRTgaz
- David Bryson, COO, Uniper
- Björn Heinlein, Of Counsel, Clifford Chance
- Riccardo Galletta, Infrastructure, Gas & Retail department, ACER

Moderated by

- Mechthild Wörsdörfer, Deputy Director General - DG Energy, European Commission

Closing keynote video remarks

- Werner Hoyer, President, EIB

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19:00 - 21:30	Hydrogen Europe Autumn Market (upon invitation only)	
TUESDAY, OCTOBER 25 - DAY 2: EU POLICY DAY		
09:00 - 10:00	Registration - Hall 11 & Welcome Coffee - Catering Area High Level Policy Conference	Registration & Flagship Expo open - Hall 11
10:00 - 10:15	<p>SESSION 4 - ENSURING RESILIENCE AND DIVERSIFICATION OF THE EUROPEAN HYDROGEN ECONOMY - HALL 11: HIGH LEVEL AUDITORIUM</p> <p>Opening remarks and previous day summary</p> <ul style="list-style-type: none"> · Jorgo Chatzimarkakis, CEO, Hydrogen Europe <p>Keynote speech</p> <ul style="list-style-type: none"> · Parliamentary State Secretary Stefan Wenzel MdB from the Federal Ministry for Economic Affairs and Climate Action <p>Panel debate</p> <ul style="list-style-type: none"> · Torsten Granberg, CEO & Founder, Plagazi, Green hydrogen producer from waste · Nienke Homan, President Sustainable Hydrogen Club · Wayne-Daniel Kern, CFO, Bosch Fuel Cell Technologies · Janneke Hermes, Member of the Executive Board and CFO, Gasunie <p>Moderated by</p> <ul style="list-style-type: none"> · Jorgo Chatzimarkakis, CEO, Hydrogen Europe <p>Closing video remarks</p> <ul style="list-style-type: none"> · João Galamba, Secretary of State for Energy, Portugal 	<p>SESSION 1 - EUROPEAN CLEAN HYDROGEN ALLIANCE: PROJECT PIPELINE ONE YEAR ON - HALL 11: B2B CONFERENCE ROOM</p> <p>Speakers</p> <ul style="list-style-type: none"> · Jose Noldin, CEO, GravitHy · Gregory Bartholome, Project Lead HyNetherlands, ENGIE <p>Moderator by</p> <ul style="list-style-type: none"> · Jyri Ylkanen, Principal Policy Officer, DG GROW, European Commission
10:15 - 11:15		
11:15 - 11:30	Coffee Break Catering Area High Level Policy Conference	Comfort Break
11:30 - 11:45	<p>SESSION 5 - UNDERSTANDING THE EU HYDROGEN STRATEGY AND HOW TO MOVE FORWARD IN THE GREEN TRANSITION HALL 11: HIGH LEVEL AUDITORIUM</p> <p>Keynote Speech</p> <ul style="list-style-type: none"> · Rosalinde van der Vlies, Director Clean Planet, EC & Vice-Chair of the Governing Board, Clean Hydrogen Partnership <p>Panel Debate</p> <ul style="list-style-type: none"> · Dr. Christoph Noeres, Head of Green Hydrogen at thyssenkrupp nucera · Vasilis Gregoriou, Chairman and CEO, Advent Technologies · Christelle Werquin, General Delegate, France Hydrogène · Steven Engels, Managing Director P2X Benelux, Orsted <p>Moderated by</p> <ul style="list-style-type: none"> · Rosalinde van der Vlies, Director Clean Planet, EC & Vice-Chair of the Governing Board, Clean Hydrogen Partnership <p>Closing remarks</p> <ul style="list-style-type: none"> · Markus Exenberger, Executive Director, H2Global Stiftung and Managing Director, H2 Global Advisory 	<p>SESSION 2 - CLEAN HYDROGEN MONITOR 2022 LAUNCH HALL 11: B2B CONFERENCE ROOM</p> <p>Keynote Speech</p> <ul style="list-style-type: none"> · Stephen Jackson, Chief Technology and Market Officer, Hydrogen Europe <p>Presentation by the Hydrogen Europe authors</p> <ul style="list-style-type: none"> · Grzegorz Pawelec, Director, Intelligence, Hydrogen Europe · Matus Muron, Senior Analyst, Intelligence, Hydrogen Europe · Joana Fonseca, Analyst, Intelligence, Hydrogen Europe <p>Followed by Q&A</p>
11:45 - 12:45		
12:45 - 13:00	<p>SESSION 6 - TRANSFORMING THE MOBILITY SECTOR WITH HYDROGEN (PART 1) - HALL 11: HIGH LEVEL AUDITORIUM</p> <p>Keynote speech</p> <ul style="list-style-type: none"> · Adina-Ioana Vălean, European Commissioner for Transport, European Commission <p>Panel debate or Fireside chat</p> <ul style="list-style-type: none"> · Otto Preiss, COO, Rolls-Royce Power Systems · Glenn Llewellyn, Vice President, Zero-Emission Aircraft at Airbus <p>Moderated by</p> <ul style="list-style-type: none"> · Jorgo Chatzimarkakis, CEO, Hydrogen Europe <p>Closing remarks</p> <ul style="list-style-type: none"> · Maria Spyraiki, Member of the European Parliament 	Comfort Break
13:00 - 14:00	Lunch Break Catering Area High Level Policy Conference	Side Event H2UB: Start-ups disrupting the European hydrogen economy - B2B Conference Room
14:00 - 14:15	<p>SESSION 3 - HYDROGEN ECOSYSTEM SUPPLY CHAIN: OUTLINE AND BOTTLENECKS - HALL 11: B2B CONFERENCE ROOM</p> <p>Introduction</p> <ul style="list-style-type: none"> · Dominik Richter, Analyst, Innovation, Hydrogen Europe <p>Panel debate</p> <ul style="list-style-type: none"> · Lars Martiny, Hydrogen Economy Director Strategic Partnership, Chemours · Margery Ryan, Principal Strategy Analyst, Platinum Group Metals (PGM), Johnson Matthey · Javier Dufour, PhD Chemical Engineering, King Juan Carlos University / IMDEA Energy Institute · Christian Gebauer, Head of Hydrogen Systems, Heraeus <p>Moderated by</p> <ul style="list-style-type: none"> · Olivier Bucheli, President, European Electrolyser and Fuel Cell Forum 	Comfort Break
14:15 - 14:45		
14:45 - 15:15	<p>SPECIAL KEYNOTE ADDRESS</p> <p>Speaker</p> <ul style="list-style-type: none"> · Frans Timmermans, Executive Vice-President, European Commission 	Comfort Break

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15:15 - 15:30	<p>SESSION 6 - TRANSFORMING THE MOBILITY SECTOR WITH HYDROGEN (PART 2) - HALL 11: HIGH LEVEL AUDITORIUM</p> <p>Panel debate on road transport</p> <ul style="list-style-type: none"> · Gerrit Marx, CEO, IVECO Group · Mehdi Ferhan, COO, HYVIA · David Holderbach, CEO, HYVIA · Juergen Guldner, VP Hydrogen, Fuel Cell Technology and Vehicle Projects, BMW Group <p>Moderated by</p> <ul style="list-style-type: none"> · Jorgo Chatzimarkakis, CEO, Hydrogen Europe <p>Closing remarks (10min)</p> <ul style="list-style-type: none"> · Ismail Ertug, Member of the European Parliament 	<p>SESSION 3 - HYDROGEN ECOSYSTEM SUPPLY CHAIN: OUTLINE AND BOTTLENECKS - HALL 11: B2B CONFERENCE ROOM</p> <p>Introduction</p> <ul style="list-style-type: none"> · Dominik Richter, Analyst, Innovation, Hydrogen Europe <p>Panel debate</p> <ul style="list-style-type: none"> · Margery Ryan, Principal Strategy Analyst, Platinum Group Metals (PGM) · Javier Dufour, PhD Chemical Engineering, King Juan Carlos University / IMDEA Energy Institute · Christian Gebauer, Head of Hydrogen Systems, Heraeus · Lars Martiny, Hydrogen Economy Director Strategic Partnership, Chemours <p>Moderated by</p> <ul style="list-style-type: none"> · Olivier Bucheli, President, European Electrolyser and Fuel Cell Forum
15:30 - 15:45		Comfort Break
15:45 - 16:00		
16:00 - 16:30	<p>Coffee Break Catering Area High Level Policy Conference</p>	
16:30 - 16:45	<p>SESSION 7 - CLEAN HYDROGEN IN INDUSTRY - HALL 11: HIGH LEVEL AUDITORIUM</p> <p>Keynote Speech</p> <ul style="list-style-type: none"> · Kerstin Jorna, Director-General - DG GROW, European Commission <p>Panel Debate</p> <ul style="list-style-type: none"> · Hildegard Bentele, Member of the European Parliament · Tomas Malango, Renewable Fuels and Circular Economy Director, Repsol · Valérie Ruiz Domingo, Group Hydrogen Vice President, Engie · Raphaël Tilot, Executive President Renewables & Hydrogen, John Cockerill <p>Moderated by</p> <ul style="list-style-type: none"> · Kerstin Jorna, Director-General - DG GROW, European Commission 	<p>SESSION 4 - FINANCING THE HYDROGEN ECOSYSTEM: OPPORTUNITIES AND CHALLENGES - HALL 11: B2B CONFERENCE ROOM</p> <p>Introduction</p> <ul style="list-style-type: none"> · Marie Espitalier-Noel, Manager, Funding and Financing, Hydrogen Europe <p>Pitches</p> <ul style="list-style-type: none"> · Nicolas Brahy, Managing Partner, Hy24 · Laurent Thery, Senior Advisor, Eiffel Investment Group · Christian Pho Duc, Chief Technology Officer, Smartenergy · Alena Fargere, Principal, Swen Capital Partners · Henry Rushton, Director, ING · Allegra Kowalewski-Ferreira, Partner, Breakthrough Energy Ventures · François Gilles, Innovation Finance Advisory, European Investment Bank (EIB) <p>Moderated by</p> <ul style="list-style-type: none"> · Marie Espitalier-Noel, Manager, Funding and Financing, Hydrogen Europe
16:45 - 17:00		Comfort Break
17:00 - 17:20		
17:20 - 18:00	<p>SESSION 8 - HYDROGEN AS A GLOBAL COMMODITY, THE ROLE OF GUARANTEES OF ORIGIN - HALL 11: HIGH LEVEL AUDITORIUM</p> <p>Study presentation</p> <ul style="list-style-type: none"> · Daria Nochevnik, Director for Policy and Partnerships, Hydrogen Council <p>Panel Debate</p> <ul style="list-style-type: none"> · Noé van Hulst, Chair, IPHE · Peter Mackey, VP H2 Strategy and policy support, Air Liquide · Katrien Verwimp, Coordinator Energy Sector Integration, Auditors Team Coordinator, Association of Issuing Bodies · Daria Nochevnik, Director for Policy and Partnerships, Hydrogen Council <p>Moderated by</p> <ul style="list-style-type: none"> · Wouter Vanhoudt, Director EMEA, Hincio, CertifHy project <p>Closing Remarks</p> <ul style="list-style-type: none"> · Jorgo Chatzimarkakis, CEO, Hydrogen Europe 	<p>SESSION 5 - INNOVATIVE HYDROGEN STORAGE AND CARRIER SOLUTIONS: WHAT ARE THE OBSTACLES? WHERE IS THE BUSINESS CASE? - HALL 11: B2B CONFERENCE ROOM</p> <p>Presentations</p> <ul style="list-style-type: none"> Salt caverns and depleted gas fields for hydrogen storage · Julien Breton, Head of New Business and Services, Storengy <p>Depleted gas fields</p> <ul style="list-style-type: none"> · Matteo Scapolo, Reservoir Engineer, Snam <p>Innovative hydrogen carriers – solid based</p> <ul style="list-style-type: none"> · Baruch Halpert, CEO, Electriq-Global <p>Innovative hydrogen carriers – liquid based</p> <ul style="list-style-type: none"> · Corine Dubruel, CEO Hysilabs <p>Moderated by</p> <ul style="list-style-type: none"> · Laura Bravo Diaz, Energy Storage R&D Scientist, JRC, European Commission
18:00 - 19:00	<p>Expo Drinks Reception (open to all visitors) - Hall 11 Exhibition</p>	

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WEDNESDAY OCTOBER 26 - DAY 3: EU RESEARCH DAY	
09:00 - 10:00	Registration & Welcome Coffee - Foyer Hall 11
10:00 - 10:30	Registration & Flagship Expo open
10:00 - 10:30	<p>SESSION 9 - INTRODUCTION - HALL 11: HIGH LEVEL AUDITORIUM</p> <p>Panellists</p> <ul style="list-style-type: none"> · Melissa Verykios, CEO, Helbio Technologies and member of the Governing Board of Clean Hydrogen Partnership · Rosalinde van der Vlies, Director, Clean Planet, EC and Vice-Chair of the Clean Hydrogen Partnership · Laurent Antoni, President, Hydrogen Europe Research <p>Moderator</p> <ul style="list-style-type: none"> · Bart Biebuyck, Executive Director, Clean Hydrogen Partnership
10:30 - 11:00	<p>SESSION 6 - AMMONIA: A VERSATILE HYDROGEN CARRIER HALL 11: B2B CONFERENCE ROOM</p> <p>Intro presentation Green ammonia report</p> <ul style="list-style-type: none"> · Joana Fonseca, Analyst, Intelligence, Hydrogen Europe <p>Panel debate</p> <ul style="list-style-type: none"> · Jorge Requena, Independent Board Member & CEO's Senior Advisor, Grupo Fertiberia · Rami Reshef, CEO, Gencell · Angela Kruth, Speaker & Coordinator, CAMPFIRE Alliance · Sven Goethals, Business Development Director Energy, Tractebel · Sergio Ghezzi - Green Ammonia and Clean Fuels Platform Manager, Baker Hugses <p>Moderated by</p> <ul style="list-style-type: none"> · Kate Macfarlane, Senior Business Development Director, Linde Clean Hydrogen <p>Followed by Q&A</p>
11:00 - 11:15	Comfort Break
11:15 - 11:30	<p>SESSION 10 - MEMBER STATES' COMBINED EFFORTS ON R&I - HOW TO BECOME MORE INCLUSIVE AND LEVERAGE FUNDING FROM MEMBER STATES - HALL 11: HIGH LEVEL AUDITORIUM</p> <p>Panellists</p> <ul style="list-style-type: none"> · Marko Maver, Secretary and Cabinet Member at the Ministry of Environment and Spatial Planning of the Republic of Slovenia · Lora Yosifova, Head of Sector, Ministry of Innovation and Growth, Bulgaria · Christos Dimas, Deputy Minister, Ministry for Research and Technology, Greece · Klaus Bonhoff, Director General, Federal Ministry for Digital and Transport, Germany · Joan Groizard, Director, Institute for the Diversification and Saving of Energy (IDAE), Spain <p>Moderator</p> <ul style="list-style-type: none"> · Bart Biebuyck, Executive Director, Clean Hydrogen Partnership
11:30 - 12:00	Coffee Break Catering Area High Level Policy Conference
12:00 - 12:15	<p>SESSION 11 - HYDROGEN SKILLS AGENDA - HALL 11: HIGH LEVEL AUDITORIUM</p>
12:15 - 12:30	Comfort Break
12:30 - 13:00	<p>SESSION 7 - EUROPEAN CLEAN HYDROGEN ALLIANCE: ELECTROLYSERS AND THEIR SUPPLY CHAINS HALL 11: B2B CONFERENCE ROOM</p> <p>Speakers</p> <ul style="list-style-type: none"> · Constantine Levoyannis, Head of EU Affairs, Nel · Christopher Frey, Senior Manager Public Affairs, Sunfire <p>Moderated by</p> <ul style="list-style-type: none"> · Siobhan McGarry, Policy officer, DG GROW, European Commission
12:30 - 13:00	<p>SESSION 8 - DEEP DIVE ON HYDROGEN IN BUILDINGS HALL 11: B2B CONFERENCE ROOM</p> <p>Introduction by the Moderator</p> <ul style="list-style-type: none"> · Nicolas Jensen, Director EU Regulatory Affairs, Bosch Thermotechnik <p>Presentation of the 2021 study on the value of hydrogen in the heating market</p> <ul style="list-style-type: none"> · David Bothe, Director, Frontier Economics <p>Panel debate</p> <ul style="list-style-type: none"> · Leonie Assheuer, EU Affairs Manager, Viessman and Chair of Hydrogen Europe Buildings Working Group · Stephan Laux, Director of Business Development, Alkaline Fuel Cell Power · Alexandre Closset, VP Business Development, SolidPower · David Bothe, Director, Frontier Economics <p>Moderated by</p> <ul style="list-style-type: none"> · Nicolas Jensen, Director EU Regulatory Affairs, Bosch Thermotechnik
13:00 - 13:30	Lunch Break - Catering Area High Level Policy Conference
13:30 - 14:15	Lunch Break

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14:15 - 14:30	Lunch Break - Catering Area High Level Policy Conference	SESSION 9 - DECARBONISATION OF EU STEEL INDUSTRY HALL 11: B2B CONFERENCE ROOM
14:30 - 15:15	<p>SESSION 12 - MORE INFORMATION COMING SOON HALL 11: HIGH LEVEL AUDITORIUM</p> <p>Panellists</p> <ul style="list-style-type: none"> · Axel Krein, Executive Director, Clean Sky Joint Undertaking · Paulina Brzezicka, Innovation Finance Advisory, European Investment Bank · Franz Lehner, Head of Division International Cooperation, NOW GmbH · Klaus Peters, Secretary General, European Steel Technology Platform · Sven Schade, Policy Officer, DG Research and Innovation, European Commission <p>Moderator</p> <ul style="list-style-type: none"> · Torsten Klimke, Head of Innovation and Research Unit, DG MOVE, European Commission 	<p>Intro presentation Steel from solar energy report</p> <ul style="list-style-type: none"> · Grzegorz Pawelec, Director, Intelligence, Hydrogen Europe <p>Panel debate</p> <ul style="list-style-type: none"> · Julian Schorpp, Head Decarbonisation Policy, ThyssenKrupp · Robert-Jan Jeekel, Head of European Union Institutional Affairs, ArcelorMittal · Ola Hansén, Director for Public Affairs, H2 Green Steel · Martin Pei, Executive Vice President and CTO, SSAB <p>Moderated by</p> <ul style="list-style-type: none"> · Willem Huisman, General Management, Strategy, Sales, Chemical Industry, Hydrogen, Sustainability, Cefic
15:15 - 15:30		Comfort Break
15:30 - 16:00	Coffee Break - Catering Area High Level Policy Conference	SESSION 10 - EUROPEAN CLEAN HYDROGEN ALLIANCE: PREPARING A STANDARDISATION ROADMAP HALL 11: B2B CONFERENCE ROOM
16:00 - 16:30	<p>SESSION 13 - HYDROGEN VALLEYS UNDER REPOWEREU HALL 11: HIGH LEVEL AUDITORIUM</p> <p>Panellists</p> <ul style="list-style-type: none"> · Pauline Rouch, Head of Cabinet of Commissioner Gabriel, European Commission · Cécile Combette-Murin, Head of the Normandie Brussels Office · Susanné Wallner, Business Manager, Mariestad Municipality · Ivo Milatic, State Secretary, Ministry of Economy and Sustainable Development, Croatia · Paul McCormack, Innovation Manager at the Belfast Metropolitan College 	<p>Speakers</p> <ul style="list-style-type: none"> · Sabine Pintaske, Association and Standardization Manager, Siemens Energy · Guy de Reals, Director Strategy & Special Projects, Air Liquide · Bernard Gindroz, Consulting, BMGI <p>Moderated by</p> <ul style="list-style-type: none"> · Patrice Millet, Administrator, DG GROW, European Commission
16:00 - 16:45		Comfort Break
16:45 - 17:00	<p>Moderator</p> <ul style="list-style-type: none"> · Tudor Constantinescu, Principal Adviser DG Energy, European Commission 	SESSION 11 - E-FUELS: FUTURE MARKETS AND CHALLENGES HALL 11: B2B CONFERENCE ROOM
17:00 - 17:30	<p>CLOSING KEYNOTE SPEECH</p> <ul style="list-style-type: none"> · Pauline Rouch, Head of Cabinet of Commissioner Gabriel, European Commission 	<p>Keynote</p> <ul style="list-style-type: none"> · John Cooper, Director General, FuelsEurope <p>Panel debate</p> <ul style="list-style-type: none"> · Fernando Miguelez-Garcia, Representative to EU and NATO, Navantia · Alba Soler, Science Executive Refining Transition, Concawe · Manfred Stefener, Managing Director, Freudenberg e-Power Systems · Julian Renz, Head of Programmes, ZeroAvia · Julien Rossi, Head of Safran EU Representation office, Safran <p>Moderated by</p> <ul style="list-style-type: none"> · Zlatko Kregar, Policy Officer, DG Mobility and Transport
17:30 - 18:00	AWARDS CEREMONY WITH NETWORKING EVENT HIGH LEVEL POLICY AUDITORIUM	
18:00 - 20:00	<p>Clean Hydrogen Awards</p> <ul style="list-style-type: none"> - H2Valley of the Year handed over by Pauline Rouch, Head of Cabinet of Commissioner Gabriel, European Commission - Best Innovation Award handed over by Signe Ratso, Deputy Director-General - Directorate-General Research and Innovation, European Commission - Best Success Story Award handed over by Melissa Verykios, CEO, Helbio Technologies and member of the Governing Board of Clean Hydrogen Partnership - Best Outreach Award handed over by Bart Biebuyck, Executive Director, Clean Hydrogen Partnership - Young Scientist Award handed over by Laurent Antoni, President, Hydrogen Europe Research <p>Hydrogen Europe Research "Young Scientists Awards" (below 35 years old) for H2 production, H2 storage and distribution, H2 usages, Cross-Cutting activities, introduced and handed over by Laurent Antoni, President, Hydrogen Europe Research</p> <p><i>Reserved for Clean Hydrogen Partnership Forum registered participants</i></p>	<p>Placeholder for B2B Forum content</p>

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THURSDAY 27 OCTOBER 2022 - DAY 4		
09:00-09:30		Registration & Flagship Expo open - Hall 11
09:30-10:00	Registration - Hall 11 & Welcome coffee - VIP restaurant Olive	WOMEN IN GREEN HYDROGEN BREAKFAST HALL 11: AUDITORIUM
10:00-11:00	HALL 11: HIGH LEVEL AUDITORIUM 10:00 WELCOME Speaker · Bart Biebuyck, Executive Director, Clean Hydrogen Partnership 10:05 CLEAN HYDROGEN PARTNERSHIP - PROGRAMME STATUS Speaker · Mirela Atanasiu, Head of Unit Operations & Communication, Clean Hydrogen Partnership 10:35 PROJECTS PORTFOLIO ANALYSIS Hydrogen Production · Nikolaos Lymperopoulos, Project Officer, Clean Hydrogen Partnership Hydrogen Distribution and Storage · Dionisis Tsimis, Project Officer: Clean Hydrogen Partnership	
11:00-11:15	Coffee Break	
11:15 - 11:30		Comfort Break
11:30 - 12:00	PROJECTS PORTFOLIO ANALYSIS End-Uses - Transport · Lionel Boillot, Project Officer: Clean Hydrogen Partnership	SESSION 12 - WASTE TO HYDROGEN PRODUCTION HALL 11: B2B CONFERENCE ROOM Welcome remarks · Maximillian Kuhn, Advisor, Hydrogen Europe Intro presentation · Stefan Petters, Business Development Consult, guo Panel debate · Christian Bestien, Director, Business development, Sales and Marketing, Haffner energy · Danica Maljković, CEO, Indeloop · Nadia Romdhane, Head of Process Engineering, Green Hydrogen Technologies · Matti Malkamäki, Chairman of the Board, HyClamite · Stefan Petters, Business Development Consult, guo Moderated by · Luigi Crema, Director, Centre Sustainable Energy, Foundation Bruno Kessler (FBK)
12:00 - 12:15	Clean Heat and Power · Antonio Aguilo Rullan, Project Officer, Clean Hydrogen Partnership	
12:15 - 12:30	Cross-cutting Issues (Standards, Safety and Education) · Alberto Garcia Hombrados, Project Officer, Clean Hydrogen Partnership	
12:30 - 13:45	Lunch Break - VIP restaurant Olive	

Parallel sessions

13:45 - 15:30	EUROPEAN HYDROGEN VALLEYS MEETING ROOM 1122 (TOP FLOOR) Moderated by · Antonio Aguilo Rullan, Project Officer, Clean Hydrogen Partnership Green Hysland – Deployment of a H2 Ecosystem on the Island of Mallorca · Carlos Navas, Enagás Heavenn - Update on HEAVENN: Achievements and challenges in Northern Netherlands' H2 Valley · Geerte de Jong, Programme Manager HEAVENN Hyland - Hydrogen Regions in Germany · Alexander Gehling, NOW GmbH PDA2 + H2V2 - Promoting Hydrogen Deployment in Regions and Valleys · Pedro Guedes de Campos, Clean Hydrogen Partnership Scientific Panel Discussion · Nigel Holmes, CEO at Scottish Hydrogen and Fuel Cell Association	MANUFACTURING (FOR SUPPLY CHAINS) MEETING ROOM 1121AB (TOP FLOOR) Moderated by · Pietro Caloprisco, Project Officer, Clean Hydrogen Partnership LOWCOST-IC – Low Cost Interconnects with highly improved Contact Strength for SOC Applications · Ragnar Kiebach, Technical University of Denmark MAMA-MEA - Additive manufacturing for fuel cells · Silvain Buche, Johnson Matthey Hydrogen Technologies StaSHH – The StasHH standard for heavy-duty fuel cells · Federico Zenith, SINTEF Digital INN-BALANCE – INNovative Cost Improvements for BALANCE of Plant Components of Automotive PEMFC Systems · Karl Samuelsson, PowerCell Scientific Panel Discussion · Prof. Ravi Thampi, University College Dublin
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15:30 - 16:00 **Coffee Break**

Parallel sessions

16:00 - 17:45	<p>END-USES: CLEAN HEAT & POWER MEETING ROOM 1122 (TOP FLOOR)</p> <p>Moderated by</p> <ul style="list-style-type: none"> · Eleni Kontonasiou, Project Officer, Clean Hydrogen Partnership <p>PACE - Stationary fuel cells as an energy solution for homes and small businesses - outcomes of the PACE project</p> <ul style="list-style-type: none"> · Hans Korteweg, COGEN Europe <p>ComSos - Commercial-scale SOFC systems (ComSos)</p> <ul style="list-style-type: none"> · Jari Kiviaho, VTT Smart Industry and Energy Systems <p>GRASSHOPPER - GRASSHOPPER: Providing grid services with fast and flexible Hydrogen PEM Power plants</p> <ul style="list-style-type: none"> · German Nieto, Nedstack Nederland <p>EVERYWH2ERE - Hydrogen EVERYWH2ERE: first results from transportable genset demonstrations</p> <ul style="list-style-type: none"> · Giannicola Loriga, RINA Consulting Scientific Panel Discussion <p>Scientific Panel Discussion</p> <ul style="list-style-type: none"> · Maria Founti, National Technical University of Athens 	<p>PRE-NORMATIVE RESEARCH FOR STANDARDS MEETING ROOM 1121AB (TOP FLOOR)</p> <p>Moderated by</p> <ul style="list-style-type: none"> · Alberto Garcia Hombrados, Project Officer, Clean Hydrogen Partnership <p>PRHYDE - Protocol for heavy-duty hydrogen refuelling Introduction and key results</p> <ul style="list-style-type: none"> · Vincent Mattelaer, Toyota Motor Europe – R&D – Fuel Cell Division <p>HYDRAITE - HYDRAITE - Hydrogen Delivery Risk Assessment and Impurity Tolerance Evaluation</p> <ul style="list-style-type: none"> · Jaana Viitakangas, Vtt Technical Research Centre Of Finland Ltd <p>e-SHYIPS - Eco-systemic Approach towards H2 Passenger Ferries Pre-normative Research Cells</p> <ul style="list-style-type: none"> · Arianna Bionda, Politecnico di Milano <p>AD ASTRA - Harnessing Degradation mechanisms to prescribe Accelerated Stress Tests for the Realization of SOC lifetime prediction Algorithms</p> <ul style="list-style-type: none"> · Massimiliano Della Pietra, ENEA <p>Scientific Panel Discussion</p> <ul style="list-style-type: none"> · Beatriz Acosta Iborra, DG JRC, European Commission
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17:45 - 19:30 **Networking Event**
Reserved For Clean Hydrogen Partnership – EU Research Days registered participants



FRIDAY 28 OCTOBER 2022 - DAY 5

09:00-09:30 **Registration & Welcome coffee - VIP restaurant Olive**

Parallel sessions

9:30 – 11:15	<p>HYDROGEN PRODUCTION MEETING ROOM 1122 (TOP FLOOR)</p> <p>Moderated by</p> <ul style="list-style-type: none"> · Nikos Lymperopoulos, Project Officer, Clean Hydrogen Partnership <p>REFHYNE – Clean Refinery Hydrogen for Europe</p> <ul style="list-style-type: none"> · Anders Ødegård, SINTEF <p>H2Future – Hydrogen Meeting Future Needs of Low Carbon Manufacturing Value Chains</p> <ul style="list-style-type: none"> · Robert Paulsteiner, VERBUND <p>Neptune - Neptune: Next Generation PEM Electrolysers under New Extremes</p> <ul style="list-style-type: none"> · Daniel Greenhalgh, ITM Power <p>MultiPLHY - Multimegawatt high-temperature electrolyser to generate green hydrogen for production of high-quality chemical products</p> <ul style="list-style-type: none"> · Julie Mougín, Technologies Hydrogène <p>Scientific Panel Discussion</p> <ul style="list-style-type: none"> · Prof. Joris Proost, Université Catholique de Louvain 	<p>END-USES: TRANSPORT MEETING ROOM 1121AB (TOP FLOOR)</p> <p>Moderated by</p> <ul style="list-style-type: none"> · Lionel Boillot, Project Officer, Clean Hydrogen Partnership <p>H2ME 2/ZEFER - ZEFER and H2ME: Flagship projects in hydrogen mobility for light vehicles in Europe</p> <ul style="list-style-type: none"> · Romain Picard, Element Energy <p>3EMOTION - Environmentally Friendly, Efficient Electric Motion</p> <ul style="list-style-type: none"> · Stefan Neis, WaterstofNet <p>REVIVE - Refuse Vehicle Innovation and Validation in Europe</p> <p>Hydrogen Ports Study - Creating impetus for ports ecosystems to kickstart to European hydrogen economy</p> <ul style="list-style-type: none"> · Stijl Vercammen, Deloitte <p>Scientific Panel Discussion</p>
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11:15 – 11:45 **Coffee Break - VIP restaurant Olive**

- HIGH LEVEL POLICY CONFERENCE – PROGRAMME
- B2B FORUM – PROGRAMME
- EU RESEARCH DAYS - PROGRAMME
- CLEAN HYDROGEN PARTNERSHIP FORUM
- SIDE EVENTS

Parallel sessions

11:45 – 13:30	<p>HYDROGEN STORAGE AND DISTRIBUTION MEETING ROOM 1122 (TOP FLOOR)</p> <p>Moderated by</p> <ul style="list-style-type: none"> · Dionisis Tsimis, Project Officer, Clean Hydrogen Partnership <p>SHERLOHCK - Sustainable and cost-efficient catalyst for hydrogen and energy storage applications based on liquid Organic Hydrogen Carriers</p> <ul style="list-style-type: none"> · Konstantin Tarasov, CEA <p>HIGGS - Readiness of the European transmission network for the transport of 20% H2 blends</p> <ul style="list-style-type: none"> · Javier Sánchez-Lainez, Coordinator of the hydrogen conditioning and transport area <p>COSMHYC DEMO/COSMHYC XL - Innovative H2 Compression Demonstration in a Public HRS</p> <ul style="list-style-type: none"> · Rami Chahroui, project coordinator at COSMHYC DEMO <p>HYPSTER – HypSTER, Hydrogen Pilot Storage for large Ecosystem Replication</p> <ul style="list-style-type: none"> · Maurice Schlichtenmayer, ESK GmbH, Germany <p>Scientific Panel Discussion</p> <ul style="list-style-type: none"> · Rosa Puentes, ENTSOG 	<p>BUILDING BLOCKS FOR TRANSPORT APPLICATIONS MEETING ROOM 1121AB (TOP FLOOR)</p> <p>Moderated by</p> <ul style="list-style-type: none"> · Claudiu Pavel, Project Officer, Clean Hydrogen Partnership <p>CRESCENDO – Platinum group metal free anodes and cathodes for proton exchange membrane fuel cells</p> <ul style="list-style-type: none"> · Deborah Jones, CNRS <p>GAIA – High power density automotive membrane electrode assemblies</p> <ul style="list-style-type: none"> · Deborah Jones, CNRS <p>PEGASUS - PEMFC based on platinum group metal free structured cathodes</p> <ul style="list-style-type: none"> · Pierre-André Jacques, PEMFC Components Laboratory <p>THOR - THOR Project: Use of a Thermoplastic composite for Hydrogen Compressed Pressure Vessels</p> <ul style="list-style-type: none"> · Denis Ragot, FORVIA <p>Scientific Panel Discussion</p> <ul style="list-style-type: none"> · Prof. Pierre Millet, Université Paris-Sud
13:30 – 15:00	Lunch Break -VIP restaurant Olive	
15:00 – 16:00	<p>CLOSING SESSION AND KEY TAKE-AWAYS</p> <p>Moderated by</p> <ul style="list-style-type: none"> · Bart Biebuyck, Executive Director, Clean Hydrogen Partnership · Hélène Chraye, Head of Unit Clean Energy Transition, DG Research and Innovation, European Commission · Nils A. Røkke, Executive VP Sustainability, SINTEF, President EERA and Chair of Clean Hydrogen Partnership Stakeholder Group · Lut Bollen, Policy Advisor, Flemish Government, Department Of Economy, Science & Innovation and Vice Chair of Clean Hydrogen Partnership States' Representative Group 	
16:00 – 16:15	<p>CLOSING REMARKS</p> <ul style="list-style-type: none"> · Bart Biebuyck, Executive Director, Clean Hydrogen Partnership 	