









CONFERENCE SCHEDULER > DAY 1 < 21 OCTOBER 2025

DAY 1	<div>HYDROGEN LEADERSHIP SUMMIT LOCATED: UPPER B4</div> <div>SPONSORED BY: </div>	<div>GREEN HYDROGEN PRODUCTION & ELECTROLYSER DEVELOPMENT LOCATED: UPPER B3</div> <div>SPONSORED BY: </div>	<div>CCS POLICY, REGULATION AND CAPTURE TECHNOLOGIES LOCATED: HALL B6</div> <div>SPONSORED BY:  TONEXUS</div>
09:00	Welcoming Remarks - Hydrogen Policy and Regulations	Welcoming Remarks - Green Hydrogen Production	Welcoming Remarks - CCUS Leadership and Regulation
09:10	Opening Remarks	Hydrogen production via biomass thermolysis	Necessary Evil or Business Opportunity? How Carbon Management Is Fuelling Decarbonisation and Growth.
09:15	Leadership Keynote		
09:30	Accelerating European Hydrogen	HySynergy - one of Europe's largest facility for large scale production of green hydrogen	The world's energy market opportunities, and how Carbon Capture in Europe fits
09:35			
09:45	Panel Discussion: Germany's New Leadership and the Future Hydrogen Economy	System Optimisation and Techno-economic analysis of renewable hydrogen production plants	Panel Discussion: Germany's New Leadership and the Future of CCUS
10:00			
10:25	Germany's Hydrogen Economy	NETWORKING BREAK	NETWORKING BREAK
10:30			
10:40	NETWORKING BREAK	NETWORKING BREAK	From North Sea Legacy to Net Zero Leadership: Scotland's Lessons Learned from the CCUS Opportunity
10:45			
10:50	Panel Discussion: Unlocking Growth: Innovation in the Global Hydrogen Landscape	Optimising Green Hydrogen Production: Balancing CAPEX, OPEX, and Power Quality with Water-Cooled Thyristor Rectifiers	Market Status of CO ₂ Capture Technologies: Trends and Future Outlook
11:00			
11:15	National Hydrogen Pipeline Project Update	Panel Discussion: Green Hydrogen at Industrial Scale: Lessons from Frontline Projects	Insurance Insights: Addressing Risk and Resilience in CCS Projects
11:20			
11:40	Panel Discussion: How Tariffs Shape Global Renewable Energy Markets	To RFNBO or not to RFNBO - is this really the question?	De-risking CCS: How real projects are becoming investable and bankable
11:45			
12:05	NETWORKING LUNCH	Advancing Green Hydrogen Production	Roaring Engines, Fizzing Cans: An Unexpected Partnership in the Energy Transition
12:10			
12:30	NETWORKING LUNCH	Closing Remarks	Closing Remarks
12:55			
13:20	Welcoming Remarks - Hydrogen Funding and Global Markets	NETWORKING LUNCH	NETWORKING LUNCH
13:25			
13:55	Panel Discussion: Building the Ideal Hydrogen Ecosystem: Why Collaboration Across Regions, Sectors, and Borders Is Key	Welcoming Remarks - Electrolyser Production and Development	Welcoming Remarks - Carbon Capture Technologies and Policies
14:00			
14:25	Panel Discussion: Global & European Hydrogen Financing	How partnering with a global market leader can leverage your process or product	Shaping a Net-Zero Industrial Future — Activating Global Industrial Decarbonisation with CCUS Technology
14:30			
14:45	Panel Discussion: Hydrogen Markets and Cross-Border Trade	Optimisation Of Green Hydrogen Electrolyser Plant Efficiency And Required Power Quality Solution	Providing an agnostic and holistic evaluation program for Carbon Capture Utilisation and Storage (CCUS) technologies
14:55			
15:20	NETWORKING BREAK	Efficiency on water purification system for renewable hydrogen production	Panel Discussion: Carbon Capture - Technical, Economic and Regulatory Challenges
15:30			
15:40	Panel Discussion: Hydrogen Markets and Cross-Border Trade	Partnership between industry and research for accelerating the development of high temperature electrolysers in Poland	Impact of advanced waste heat recovery on Carbon capture economics in industrial applications
15:45			
16:05	A supply chain's market view and the need for collaboration	Panel Discussion: Electrolyser Production and Supply Chain Challenges	How Combining Technological and Chemical Know-How enables Optimal Design and Operation of Carbon-Capture Units
16:10			
16:25	Hydrogen Ecosystem - Huge promises, little realization and way forward	Success factors in the EPC business: experiences and lessons learned in hydrogen projects	Disruptive CO ₂ capture technology surpassing state-of-the-art capture cost
16:30			
16:35	Closing Remarks	Closing Remarks	Closing Remarks
16:40			
16:50	Closing Remarks	Closing Remarks	Closing Remarks
16:55			
17:20	Closing Remarks	Closing Remarks	Closing Remarks

CONFERENCE SCHEDULER > DAY 2 < 22 OCTOBER 2025

DAY 2	FUEL CELL INNOVATION, PERFORMANCE AND MOBILITY LOCATED: UPPER B4	LOW CARBON HYDROGEN PRODUCTION LOCATED: UPPER B3 <div>SPONSORED BY: </div>	CARBON CAPTURE, STORAGE & TRANSPORT LOCATED: HALL B6 <div>SPONSORED BY:  TONEXUS</div>	
09:00	Welcoming Remarks - Fuel Cell Production and Research	Welcoming Remarks - Hydrogen Production Technologies	Welcoming Remarks - Carbon Capture Solutions	
09:05				
09:10	Innovative PEM Fuel Cell Integration: Bridging Technology and Real-World Applications	Production Costs and Potential Colour Distribution of Future European Hydrogen Supply	Investigation of DAC materials under industry-relevant conditions and improvement possibilities	
09:35	Hydrogen-to-Power Plants: Bridging the Gap to Net Zero by 2050	The Synergy of Blue and Green Hydrogen Technologies in Driving Clean Energy Transition	Panel Discussion: Scaling DAC - Challenges and Opportunities in Europe	
10:00	Fuel Cell Production Research	NETWORKING BREAK		
10:20		The key questions of natural (white) hydrogen: "Where? Why? Who? How? And how much?"		
10:30				
10:45	NETWORKING BREAK		Advancing Large-Scale Carbon Capture in Cement Production	
10:50	From Ground to Grid: Unleashing the Power of White Hydrogen			
10:55	The Evolving Stationary Fuel Cell Market is Set for Significant Growth		Electrically Driven CO2 Capture for Cement Industry - Maximising Efficiency, Minimising Emissions	
11:10				
11:15	Panel Discussion: Reducing the Production Costs of your Electrolysers and Fuel Cells	Panel Discussion: Natural hydrogen – can the reality deliver the potential?	Recent advancement in Post Combustion CO2 Capture Technology	
11:25				
11:35			Closing Remarks	Three lessons learned from three years of operating three demonstration units
11:40				
12:05	Closing Remarks	NETWORKING LUNCH		
12:10				
12:15				
12:20				
12:25	NETWORKING LUNCH	Welcoming Remarks - Scaling Low-Carbon Hydrogen	NETWORKING LUNCH	
12:30				
12:55				
13:00				
13:15	Welcoming Remarks - Fuel Cells for Mobility Applications	Business models for low-carbon hydrogen – unlocking market potential and economic viability		
13:20				
13:25	Navigating EU & US Hydrogen Regulations: Ensuring Compliance for On-Road and Off-Road Applications			
13:30				
13:45	Safeguarding the Future: Hydrogen Fuel Cell Explosion Protection Across Industries (Automotive, Marine, Aviation, Stationary Power Generation)	Business Model Innovation for accelerating low carbon Hydrogen	Welcoming Remarks - Carbon Storage and Transport	
13:55				
14:00		Engineering the Hydrogen Value Chain: A Unified Approach to Electrolysis, Compression, and Industrial Scalability	Built to last: turning concrete Into a carbon sink	
14:05				
14:10	Hydrogen Aviation Research at ZAL TechCenter in Hamburg	Legacy wells as a part CO2 Storage Assurance: Learnings, Observations and International Experience"		
14:20				
14:30		Power & Process Optimisation via CoSimulation	Leveraging Phosphogypsum Reserves for Permanent Carbon Capture & Storage: Redefining Heavy Industry's Environmental Strategy	
14:35				
14:45	Panel Discussion: Fuel Cell Transport – Scaling Hydrogen Mobility	Panel Discussion: Scaling Low-Carbon Hydrogen for Industry & Power	Deploying CCS at Scale: GE Vernova's Scope in Net Zero Teesside and Innovation in EGR	
14:55				
15:00	Hydrogen Purity for FC-Drives- Evaluation of the impact of greases on hydrogen quality according to ISO 14687 Grade D	Renewable Energy Supply for Industrial Plants Made Reliable	Innovating CO2 offshore storage from a marine perspective	
15:20				
15:30	Fuel Cell Exhaust Air System for Commercial Vehicle Applications	Powering the Hydrogen Future: High-Efficiency Technologies for Low-Carbon Production and Distribution	Panel Discussion: Europe's CO ₂ Transport Network	
15:45				
15:55	Novel Usages for Fuel Cells: Aviation use case	Liquid Hydrogen: Enabling Hydrogen Production at Scale	CO2 Dehydration: Teaching Old Dehydration Technologies New Tricks	
16:10				
16:20	Closing Remarks	Closing Remarks	Closing Remarks	
16:35				
16:45	Closing Remarks	Closing Remarks	Closing Remarks	
16:55				
17:00				
17:20	Closing Remarks	Closing Remarks	Closing Remarks	
17:25				

CONFERENCE SCHEDULER > **DAY 3** < 23 OCTOBER 2025

DAY 3	HYDROGEN DERIVATIVES & SUSTAINABLE FUELS LOCATED: UPPER B4 <div>SPONSORED BY:  Sumitomo SHI-FW</div>	HYDROGEN SYSTEMS AND INFRASTRUCTURE DEVELOPMENT LOCATED: UPPER B3 <div>SPONSORED BY:  LUXFER GAS CYLINDERS</div>	CARBON UTILISATION AND BLUE HYDROGEN LOCATED: HALL B6 <div>SPONSORED BY:  TONEXUS</div>
09:00	Welcoming Remarks - Efuels and SAFs	Welcoming Remarks - Hydrogen Ports and Infrastructure	Welcoming Remarks - Carbon Utilisation
09:10	E-fuel Production: Key Pathways, Technologies & Innovations	Hydrogen ecosystem in the Port of Hamburg	Carbon Capture and Green Methanol Production Potential in the Pulp and Paper Industry
09:35	Unlocking investments in SAF: Leveraging financial Instruments to drive SAF bankability	Port of Antwerp-Bruges as a hydrogen import hub and CO2 export hub for Belgium and Germany	Capturing 200 000 tpa CO2 from the Westenergy Waste to Energy plant – the source for producing e-methanol
10:00	Total Water management Approach in Developing Ultra Low Carbon Intensity Hydrogen & Derivatives Projects	Panel Discussion: North Sea Powerhouse – Port Development and Offshore Electrolysis	Scaling-up low temperature CO2 electrolyser to industrial levels
10:25	NETWORKING BREAK		Finland and the Baltic Sea region as H2 powerhouse -Hydrogen in the European energy transition
10:45			
10:50		A Comparative LCOX analysis of SAF production via Methanol and Fischer–Tropsch routes	NETWORKING BREAK
11:10			
11:15	Decarbonising a Cement Facility for Sustainable Aviation Fuel Production	Integrating Offshore Hydrogen into Europe’s Future Energy System: An Update from AquaVentus	Panel Discussion: Scaling Carbon Utilisation Technologies for Commercial Deployment
11:40	Panel Discussion: The Role of SAFs in Decarbonising Aviation		Accelerating LH ₂ Innovation: From Simulations to Experimental Infrastructure
12:00			
12:05	A true zero-carbon strategy for airlines based on hydrogen	100kg of Hydrogen within 10 minutes: How RHeaDHy project is powering the future of freight	Decarbonising with CO ₂ -derived eNG
12:20			
12:25			
12:30	Closing Remarks	Improving H2 refuelling - lessons from around the world	NETWORKING LUNCH
12:45			
12:50	NETWORKING LUNCH	Closing Remarks	
12:55			
13:20			
13:25	Welcoming Remarks - Ammonia Technology and Markets	NETWORKING LUNCH	Building Scalable CCUS Infrastructure: Enabling Blue Hydrogen and CO ₂ Utilisation
13:50			
13:55	Low Carbon ammonia Opportunities and Challenges for the European Market	Welcoming Remarks - Hydrogen Storage and Transport	Big Blue H ₂ ope
14:00			
14:20	Enabling the Ammonia Economy: Integrated Technologies for Energy, Hydrogen, and Chemical Applications	Potential for Exporting Low-Carbon Hydrogen from the UK and Ireland to Germany and Continental Europe	Panel Discussion: Green hydrogen - Is the hype over and will blue hydrogen be more than just a bridge technology?
14:25			
14:30	Panel Discussion: The Future of Ammonia	Virtual Pipelines Enabling Hydrogen Deployment	Blue Hydrogen – Technical & Economic Booster for the Energy Transition
14:45			
14:50	Panel Discussion: The Future of Ammonia	German Standardisation Roadmap Hydrogen Technologies - A Success Story on making standards work for an effective hydrogen market ramp-up	Closing Remarks
14:55			
15:10	Handling safe NH3 bunkering in Northern Europe Ports	Panel Discussion: Safe and Scalable Hydrogen Storage Technologies	Closing Remarks
15:20			
15:35	Innovative Development and Qualification of Large-Bore Flexible Hoses for Liquified Ammonia Transfer in Marine Offshore Applications	Substance inputs for underground hydrogen storage tanks	
15:45			
15:50	High-Throughput Testing of Ru-based Catalysts for Ammonia Cracking		
15:55			
17:05	Closing Remarks		
17:10			
17:20			
17:25			