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CONFERENCE

FINANCING POWERFUELS PATHWAYS

BUSINESS & INNOVATION DRIVING THE POWERFUELS (R)EVOLUTION

9TH SEPTEMBER 2020

ONLINE CONFERENCE

9:00	<p>Conference opening</p> <p>Members & partners present projects and ideas in virtual rooms</p>
9:30	<p>Welcome address</p> <p>Moderation: Siobhan Hall, Editorial lead, EU energy policy, S&P Global Platts Andreas Kuhlmann, Speaker of the Global Alliance Powerfuels & CEO of dena Glenda Napier, CEO Energy Cluster Denmark</p>
9:45	<p>Keynote: Financing a low carbon energy system</p> <p>The global discussion on powerfuels, including hydrogen, has been driven by several larger trends: a shift of investment strategies towards green technologies and stronger European ambitions towards reaching climate targets. With the Green New Deal and national stimulus packages on the way, but a deep recession looming, what is the outlook for powerfuels projects?</p> <p>Moderation: Siobhan Hall, Editorial lead, EU energy policy, S&P Global Platts</p> <ul style="list-style-type: none"> • Annette Vestergaard Christensen, Finance and Admin Director, GreenLab • Jürgen Wollschläger, CEO, Project Lead Westküste 100
10:15	<p>Opening panel: Towards a european powerfuels & hydrogen pathway</p> <p>The EU has devised a European Hydrogen Strategy to put the European economy on track towards a green powerfuels-based economy. Also member states such as France, Italy, the Netherlands and Germany have introduced strategies and regulations specifically on hydrogen. While politicians are carefully designing the legal framework, companies are already exploring the business opportunities in hydrogen and powerfuels.</p> <p>Moderation: Andreas Kuhlmann, Speaker of the Global Alliance Powerfuels & CEO of dena</p> <p>Opening Panel:</p> <ul style="list-style-type: none"> • Cornelius Matthes, Senior Vice President, Dii Desert Energy • Egil Hystad, General Manager for Market Innovation, Wärtsilä Denmark A/S • Annette Vestergaard Christensen, Finance and Admin Director, GreenLab • Jürgen Wollschläger, CEO, Project Lead Westküste 100
11:00	Coffee break
11:10	<p>Study presentation & expert discussion: Powerfuels in a renewable energy world</p> <p>What would be the role of powerfuels in a fully renewable energy system of the future? A new study will present the opportunities that powerfuels play alongside green electricity, and outline a transition path for the world economy to meet the goals of the Paris agreement.</p> <p>Moderation: Siobhan Hall, Editorial lead, EU energy policy, S&P Global Platts</p> <p>Presentation:</p> <ul style="list-style-type: none"> • Kilian Crone, Team Lead Global Alliance Powerfuels, German Energy Agency (dena) • Prof. Christian Breyer, LUT University <p>Expert comments:</p> <ul style="list-style-type: none"> • Anastasios Perimenis, CCU Office, CO2 Value Europe • Patrick Schmidt, Senior Consultant, Ludwig Bolkow-Systemtechnik GmbH <p>Q&A session</p>
12:05	Coffee break

12:15	Parallel sessions – Powerfuels – the bigger picture	
12:15	<p>Scenarios for hydrogen imports from outside the EU</p> <p>The session will explore and discuss potential hydrogen import scenarios for Europe and discuss how to guarantee the sustainability criteria and tradability. Moderation: Kilian Crone, Team Lead Global Alliance Powerfuels, (dena)</p> <ul style="list-style-type: none"> • Timo Bollerhey, Director, Transformative Investments, German organisation for international cooperation (GIZ) • Aram Sander, Head of International Business, ENERTRAG • Yuriy Melnikov, Senior Analyst, Skolkovo – Moscow School of Management • Louis Watine, Deputy Director, System Development represents ENTSOE 	<p>Scaling powerfuels projects: From research grants to Hydrogen Purchase Agreements</p> <p>The risks of financing an infant industry clearly differ from financing a mature industry with a proven technology. First regional commercial projects of powerfuels and hydrogen entered the market. The panel will showcase investments that already have been made, presenting their value propositions and how they have been financed and supported by initiatives, schemes and have made use of financial tools.</p> <p>Moderation: Siobhan Hall, Editorial lead, S&P Global Platts</p> <ul style="list-style-type: none"> • Frank Sibert, Head of Sustainable Business Germany, BNP Paribas • Karl Hauptmeier, Managing Director, Norsk E-Fuels AS • Mats Lundberg, Board member & Sustainability expert, Sandvik
13:15	Lunch break Members & partners present projects and ideas in virtual rooms	
14:15	Parallel sessions – Financing & enabling powerfuel markets	
14:15	<p>Regulators' perspective: Strategies and pathways for cost degression of powerfuels</p> <p>In the last months, progress was made as national strategies on powerfuels and hydrogen were put in place. The session will explore the next steps towards working on regulatory schemes and mechanisms to enable an international market for powerfuels.</p> <p>Moderation: Siobhan Hall, Editorial lead, S&P Global Platts</p> <ul style="list-style-type: none"> • Boyana Achevski, Secretary General, GIE • Guido Bortoni, Adviser to the Deputy Director-General on Internal Energy Market Regulatory Issues, DG Energy, EU Commission • Ulf Eriksen, VP Hydrogen, Statkraft 	<p>(Re-)assessing country risk</p> <p>Powerfuels offer the unique opportunity to contribute to a low-carbon and molecule-based energy system. Some of the world's best renewable potentials can provide an enormous economic growth as well as significant business opportunities. The session will assess specific regional and country risks and explore the development pathways for powerfuels.</p> <p>Moderation: Frank Wouters, Director, EU GCC Clean Energy Technology Network</p> <ul style="list-style-type: none"> • Kirsten Westphal, Senior Associate, German Institute for International and Security Affairs • Ernst Rauch, Global Head Climate & Public Sector Business Development / Chief Climate and Geo Scientist, Munich RE • Kilian Crone, Team Lead, Global Alliance Powerfuels
15:15	Coffee break	
15:30	Closing panel – Powerfuels across the demand sectors	
15:30	<p>Exploring sector synergies – How can cross-sectoral demand signals support the market ramp-up?</p> <p>While with existing regulation the automotive sector has the highest willingness to pay, industries faced with strong international competition such as steelmakers and aviation are still searching for a competitive framework. The panel will investigate the technical and economic potential for unified demand signals.</p> <p>Moderation: Siobhan Hall, Editorial lead, EU energy policy, S&P Global Platts</p> <ul style="list-style-type: none"> • Troels Ranis, Director, Danish Energy Industries Federation • Enno Harks, Deputy Director, BP Europa SE • Reinhard Otten, Strategy Sustainable Product Development, AUDI • Alena Fargere, Principal, SWEN Capital Partner 	
16:30	Closing remarks	
16:45	End	