



CONFERENCE

FINANCING POWERFUELS PATHWAYS

BUSINESS & INNOVATION DRIVING THE POWERFUELS (R)EVOLUTION

9TH SEPTEMBER 2020

ONLINE CONFERENCE

ORGANISED BY



IN COOPERATION WITH



Version: July 22nd 2020

9:00	Conference opening Members & partners present projects and ideas in virtual rooms
9:30	Welcome address Andreas Kuhlmann, Speaker of the Global Alliance Powerfuels & CEO of dena
9:45	Keynote: Financing a low carbon energy system 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? <ul style="list-style-type: none">• Stephanie Pfeifer, Chief Executive Officer, Institutional Investor Group on Climate Change (tbc)• Fatih Birol, IEA (tbc)
10:15	Opening panel: Towards a european powerfuels & hydrogen pathway 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. Moderator: Andreas Kuhlmann (CEO of dena) Panel: <ul style="list-style-type: none">• Keynote Speaker: Klaus-Dieter Borchardt, Deputy Director-General responsible for the coordination of energy policy, the Energy Union and external policy in Directorate-General "Energy" (tbc)• CEO (tbc)
10:45	Coffee break
11:00	Study presentation & expert discussion : The role of powerfuels in a 100% renewable energy world 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. <ul style="list-style-type: none">• Prof. Christian Breyer, LUT University Expert comments: <ul style="list-style-type: none">• Kilian Crone, Global Alliance Powerfuels• Anastasios Perimenis, CO2 Value Europe• European Investment Bank (tbc) Q&A session
12:00	Moderated introduction to the parallel sessions
12:05	Lightning talk
12:15	Parallel sessions Powerfuels – the bigger picture Scenarios for hydrogen imports from outside the EU The session will explore and discuss potential hydrogen import scenarios for Europe and discuss how to guarantee the sustainability criteria and tradability. Scaling powerfuels projects: From research grants to Hydrogen Purchase Agreements 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 made use of financial tools.

13:10	Lunch break Members & partners present projects and ideas in virtual rooms
14:00	Moderated introduction
14:05	Parallel sessions Financing & enabling powerfuel markets Regulators' perspective: Strategies and pathways for cost degression of powerfuels 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.
15:15	Coffee break
15:30	Moderated introduction to the closing panel
15:35	Closing panel – Powerfuels across the demand sectors Exploring sector synergies – How can cross-sectoral demand signals support the market ramp-up? 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.
16:30	Closing remarks
16:45	End