



Global Alliance  
**POWERFUELS**



Powered by

**dena**  
German Energy Agency

**CONFERENCE**

# **CONNECTING POWERFUEL HUBS**

LEVERAGING VALUE CHAINS FOR POWERFUELS

**23<sup>RD</sup> JUNE 2021**

ONLINE CONFERENCE

ORGANISED BY



Global Alliance  
**POWERFUELS**

IN COOPERATION WITH



**10 JAHRE**  
**RENEWABLE**  
**ENERGY**  
**HAMBURG**  
ENERGIESYSTEME  
DER ZUKUNFT

10:30	<b>Welcome reception and Networking</b>		<b>Networking</b>
11:00–11:15	<b>Opening remarks German Energy Agency (dena)</b> <b>Andreas Kuhlmann, Speaker of the Global Alliance Powerfuels</b>		
11:15–11:40	<b>Keynote</b> Powerfuel hubs are essential, we need them, and they are already there. They offer a chance to transform and defossilise current energy hubs, they are facilitators of clean shipping and aviation, they bring production and demand sectors together		
11:40–12:30	<b>Session 1: Powerfuel Hubs support International value chains of powerfuels</b> Physical hubs are the cornerstones of global trade and connecting the world. Powerfuel Hubs will most likely serve as well as anchors for global trade of hydrogen and its derivatives. And, they will do much more: Powerfuels will be produced, converted, traded and facilitated at Powerfuel Hubs and the opening panel will showcase international Powerfuel Hubs, which are operating already.		
12:30–12:40	<b>Coffee Break</b>		<b>Networking</b>
12:40–13:30	<b>Session 2: Developments in Japan in Hydrogen Transportation and Production</b>	<b>Session 3: Hubs as prosumer of Powerfuels</b> Applications of transport, such as aviation and shipping, are the most likely around the first adopters of powerfuels. High demand, high volumes are strong demand pull for production facilities at the same time. The session will explore the blueprint of powerfuel prosumers.	
13:30–14:15	<b>Programme Break</b>		
14:15–15:05	<b>Session 4: Hamburg Hydrogen Hub for Logistics, Industry and Aviation</b> “The door to the world” – the self-reference of Hamburg stands for openness and innovation and leading the development of a Powerfuel Hub certainly requires both. As an important international harbours with huge renewables energy production capacities in the front yard, Hamburg has core requirements ready to build upon.		<b>Networking</b>
15:05–15:15	<b>Coffee Break</b>		
15:15–16:05	<b>Session 5: Harbours: Hubs for powerfuel transport and distribution</b> As harbours have always been the gates to the world, the transportation of liquid and gaseous energy carriers is one of the key elements of the energy transition and enabler to carry harvested renewable energy to all places. This session will explore the role of harbours in powerfuel markets.	<b>Session 6: Transition pathways – the key role of hubs in global trade and the shift in globally traded fuels</b> Powerfuels are coming in various forms and properties – from hydrogen to kerosene to methanol – they can be applied in nearly all demand sectors and enhance the global process of defossilisation of traded (power-) fuels.	
16:05–16:10	<b>Coffee and Networking time</b>		<b>Networking</b>
16:10–17:00	<b>Session 7: Moving Powerfuel Hubs forward – Political framework and support mechanisms to promote the development of powerfuel value chains</b> Powerfuels and specifically hydrogen have made a huge step forward in 2020, a wide range of national strategies have been implemented and funding programmes have been set up. Now it's time for action and building up Powerfuels Hub will ensure, that powerfuels are available at the right place and time.		

17:00–17:10	<b>Coffee Break</b>	
17:10–18:00	<p><b>Session 8: Trading of green powerfuel properties: Certification, standardisation and import sustainability criteria</b></p> <p>Recognition and certification of Powerfuels are key to develop global markets with standardised renewable fuels. Producers and offtakers have the common interest to trade renewable-based and low-emission powerfuels. The session will explore current models in development and suggest best practices.</p>	
18:00–18:10	<p><b>Closing remarks</b>  <b>Andreas Kuhlmann, Speaker of the Global Alliance Powerfuels</b></p>	
18:10–18:30	<b>Digital Dinner Reception &amp; Networking</b>	
18:30	<b>End of conference</b>	