



Global Alliance  
Powerfuels

## A New Horizon: The Role of Powerfuels in the Global Energy Transition



Date: **Monday, April 8, 2019, 03:30 – 06:00 p.m.**



Venue: Berlin, Humboldt Carré, Behrenstr. 42, 10117 Berlin



Moderation:

**Christoph Jugel**, Director Energy Systems, German Energy Agency (dena)

**Stefan Siegemund**, Deputy Head of the Renewable Energies and Mobility Division, dena

*Renewable electricity-based hydrogen, ammonia and hydrocarbons in liquid and gaseous form can replace today's fossil resources in many applications. They allow energy storage, trading and logistics in a global market, and thus increase the resilience of the energy systems. These green powerfuels will thus provide the missing link to reach the climate goals for many countries.*

*In September 2018, the German Energy Agency (dena) initiated the Global Alliance Powerfuels together with renowned corporate partners as founding members. The Alliance will publish a greenpaper document, which focuses on the value of powerfuels in successfully implementing the energy transition, and opening new business opportunities. With this paper, a global discussion and consultation process will be started to arrive at a general consensus on powerfuels within the following six months. The guiding questions will be: Which relevance do powerfuels have in the energy transition and which economic and political conditions are necessary to foster the development of a global market?*

*This event builds up on the Global Cooperation on Hydrogen and Fuel Cells conference earlier that day, which discusses the necessity for global cooperation in particular in the area of hydrogen. The goal is to expand the discussion towards renewable hydrogen-based powerfuels and exchange in an interactive fishbowl format.*

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## Agenda

**03:00 Registration & Snacks**

*Note: Participants from previous conference Global Cooperation on Hydrogen and Fuel Cells are very welcome.*

**03:30 Welcome Address**

**Kristina Haverkamp**, Managing Director, German Energy Agency

**03:40 Powerfuels as Missing Link in the Global Energy Transition - Insights from the Global Alliance Powerfuels Greenpaper**

**Christoph Jugel**, Director Energy Systems, German Energy Agency

**04:00 Reaching Climate Targets with Powerfuels?**

**The Role of Energy Carriers in the Defossilisation of the Global Energy System**

**Dr. Dolf Gielen**, Director of Innovation and Technology Centre, International Renewable Energy Agency (IRENA)

**International Perspective on Powerfuels –The World Energy Council’s point of view**

**Dr. Carsten Rolle**, CEO World Energy Council Germany (WEC)

**Interactive Discussion (Fishbowl)**

**04:40 Powerfuels as a Business Opportunity? Cost-competitiveness and Value Chains**

**Prof. Dr. Walter Mérida**, University of British Columbia

**Interactive Discussion (Fishbowl)**

**05:00 Acceptance of the Energy Transition – Benefits of Powerfuels**

**Dr. Kurt Wagemann**, CEO DECHEMA e.V.

**Interactive Discussion (Fishbowl)**

**05:30 Concluding Remarks & Snacks**

**06:00 End**