



Role of Powerfuels in EU energy transition: The need for effective regulation

The role of powerfuels as missing link in the global energy transition has been clearly highlighted by several studies. Powerfuels provide value for different countries in different ways, as powerfuels suppliers, technology providers, demand countries or a combination of all of these. Powerfuels production technologies are market-ready as demonstrated by various pilot studies. With effective regulations that reflect the carbon-neutral nature of powerfuels, a global market for powerfuels can be created. In this event, the state-of-the-art technology and the challenges, opportunities for creating effective regulation will be discussed.



Date: **Monday, June 17, 2019, 15:30 – 21:00**



Venue: AREA 42, Rue des Palais 46, 1030 Bruxelles, Belgium

Agenda

15:30	Registration
16:00	Welcome address Andreas Kuhlmann, CEO German Energy Agency (dena), Spokesperson of the Global Alliance Powerfuels
16:10	Powerfuels technology frontiers The technologies for production of powerfuels are already demonstrated and tested. Through economies of scale further reduction in costs can be achieved. In this section, the state-of-art powerfuels technologies will be showcased with the help of pilot studies and/or commercial applications, where these technologies have proven their ability. Impulse talk – Electrolyser technologies Open for interested speakers Impulse talk – Carbon Capture technologies Open for interested speakers Impulse talk – Variety of Powerfuels and their application Benedikt Stefánsson, Director of Business Development, Carbon Recycling International
16:40	Powerfuels technology frontiers – Roundtable dialogue Powerfuels technology innovation provides value for the entire energy system. The outlook for future technology developments will be discussed in this roundtable, where stakeholders from different aspects of the energy system share their expectations for the future of powerfuels.
17:25	Break



17:45	EU regulatory horizons for powerfuels While powerfuels production technology is progressing at ever faster speed, in many ways current regulation does not allow for economically viable use of powerfuels. In this section, the challenges and opportunities for creating regulatory frameworks that reflect the carbon neutral nature of powerfuels in enabling energy transition will be discussed. Some of the proposals on how regulatory framework could be adapted to leverage the benefits of powerfuels in Europe will be outlined in this section. Impulse talk Megan Richards, Director Energy Policy, European Commission (t.b.c.) Impulse talk Andreas Kuhlmann, CEO German Energy Agency (dena), Spokesperson of the Global Alliance Powerfuels The Global Alliance Powerfuels has developed a guideline paper, to outline the fundamental principles of effective and efficient regulation, enabling the further market development. Impulse talk – Enabling powerfuels – sector-specific regulation towards market development Jori Sihvonon, Clean Fuels Officer, Transport & Environment
18:15	EU regulatory horizons for powerfuels – Roundtable dialogue Creating effective regulations needs transparent discussion between various stakeholders related to powerfuels. In this roundtable we will like to get the inputs of different stakeholders on their expectations for powerfuels related regulations.
19:00	Dinner, special guest & networking
21:00	End