

From Production to Application:

THE #P2X CONFERENCE

Düsseldorf, 19th to 20th September 2022



Conference Venue

CCD Ost Messe Düsseldorf
Stockumer Kirchstraße 61
40474 Düsseldorf



PROGRAM

Day 1 Production

9:00

Registration | Welcome Coffee

9:45

Introduction **Peter Müller-Baum / Prof. Dr.-Ing. Michael Sterner / Sebastian Hillebrand**

10:00

Welcome **Dr. Stefan Kaufmann**, Former Innovation Commissioner for Green Hydrogen, German Federal Ministry for Education and Research

10:20

Keynote **Stefano Innocenzi**, SVP New Energy Business, Siemens Energy

10:50

Presentations on electrolysis technologies (Pecha Kucha)

followed by a Panel Discussion:

In five years from now, what of these presentations has changed?

- Bosch, **Björn Noack**
- Enapter, **Tim Cholibois**
- H-TEC SYSTEMS, **Jonas Wahl**
- Nel ASA, **Ole Jensen**

12:05

Presentation Alfa Laval MidEurope, **Sven Schreiber**: Accelerating P2X solutions: Heat transfer as key enabler for sustainable P2X applications

12:30

Lunch

13:30

Keynote **Dr. Cord Landsmann**, CEO thyssenkrupp Uhde: Chemistry connects energy: building the fast lanes for a global hydrogen society

14:00

Presentation session I P2X: Synthetic H2 derivatives

- ENERTRAG, **Ulrich Heindl**: HYPHEN, Namibia – Gigawatt scale green ammonia production by ENERTRAG
- HIF, **Thorsten Herdan**: eFuel production, not a dream but already a reality
- Ineratec, **Dr.-Ing. Tim Böltken**: Sustainable eFuels & e-products – Fuel production & quality in the Power-to-Liquid process
- Sasol, **Marc Siegel**: Green hydrogen-based fuels
- Haldor Topsoe, **John Bøggild Hansen**: Power-to-X from a Topsoe perspective
- Dens, **Tijn Swinkels**: X = Formic acid

15:15

Coffee & networking break

15:45

Presentation session II P2X: Synthetic H2 derivatives

- Air Liquide, **Dr.-Ing Sebastian König**: Renewables, electrolysis and methanol – perfect combination or nightmare?
- Synhelion, **Dr. Philipp Good**: Sun-to-Liquid: producing carbon-neutral fuels with solar heat
- KIT, **Roland Dittmeyer**: A new hybrid process combining CO₂ capture from biogas with methanol synthesis powered by green hydrogen
- EDL, **Dr. Michael Haid**: PtX technologies and EDL's industrial-scale HyKero plant
- Hy2gen AG, **Matthias Lisson**: Large scale Power-to-X installation within an European environment
- CAC, **Kevin Günther**: eFuels produced from methanol – a German technology

17:15

Wrap-up

19:00

Get together opening dinner, Hotel Nikko, Düsseldorf

PROGRAM

Day 2 Application

9:00

Welcome

Peter Müller-Baum / Prof. Dr.-Ing. Michael Sterner / Sebastian Hillebrand

9:15

Presentation

Oliver Wyman, **Holger Stamm**: DECARBONIZING STEEL: How the demand for greener steel will upend the supply chain

9:45

Keynote

Roger Miesen, CEO/COO RWE Generation

10:15

2 application sessions in 2 rooms, in parallel:

Room M: Transport, aviation & shipping

- Neuman & Esser, **Dr. David Franzen**: A comprehensive H2 system for an integrated mobility solution
- Airbus, **Siegfried Knecht**: Pathways to climate neutral flying
- Bundesverband der Deutschen Luftverkehrswirtschaft, **Wolf Dietrich Kindt**: Ptl kerosene from the aviation industry perspective

Room L: Electricity & heat

- GoGas Goch, **Heiko Schneider**: Fossil free heating systems for industrial buildings
- Green Hydrogen Esslingen, **Manuel Thielmann**: Esslingen's climate-neutral urban quarter
- Ostermeier H2ydrogen Solutions, **Dr. Markus Ostermeier**: Hydrogen goes local – use cases for decentralized hydrogen production and utilization

11:00

Coffee & Networking break / both rooms

Room M: Transport, aviation & shipping

- CMB, **Benjamin Weinacht**: The hydrogen-powered internal combustion engine as an option for climate-neutral shipping
- Ramboll, **Thomas Rust**: Alternative fuels for shipping on the horizon. But please mind the gaps
- MAN ES, **Alexander Feindt**: Hydrogen-derived synthetic fuels in shipping: the case for ammonia and methanol propulsion technology

Room L: Electricity & heat

- Viessmann, **Pierre Vial**: Hydrogen ready boilers and fuel cells
- Siemens, **Matthias Becker**: H2 energy park Blankenburg – green energy for a strong region
- Deutz, **Michael Halfen**: H2 Genset project with Rheinenergie

12:30

Lunch

13:30

Presentation Roland Berger, **Bernhard Langefeld**: Study on production technologies for hydrogen applications

14:00

Keynote **Michael Schaeffer**, Head of Product Line “Hydrogen & Synthesis Gas Plants” (HS), Linde

14:30

Presentation session transportation I

- OGE, **Niko Bosnjak**: H2ercules – Fast track to hydrogen
- Port of Rotterdam, **Jeroen Steens**: H2, LNG, methanol or ammonia – which port infrastructure for PtX leads us to fast European decarbonization?

15:00

Coffee & networking break

15:30

Presentation session transportation II

- Reederei Laeisz, **Harald Schlotfeldt**: Sea transport of hydrogen and its derivatives
- VOITH Group, **Alexander Mix**: H2 transport and storage solutions

16:00

Wrap-up & Outlook

17:00

Conclusion of the event

From Production to Application:

THE #P2X CONFERENCE

Düsseldorf, 19th to 20th September 2022

www.p2xconference.com



ABOUT US:

VDMA Power-to-X for Applications is a cross-industry platform for exchange, communication, and cooperation in the P2X community. It involves all important stakeholders, from the development of manufacturing processes through the production of synthetic fuels and raw materials using power-to-X technologies to the end customer. With our activities, we promote a holistic and technology-open approach to the transformation of energy systems, and we raise public awareness of environmentally friendly energy use and mobility.

<https://www.vdma.org/power-to-x-for-applications>



SPEAKERS:

From Production to Application: The #P2X Conference is the place to get latest first-hand information from renowned experts. We are happy to welcome more than 40 speakers from the entire value chain.

<https://www.p2xconference.com/speakers/>



Working Group
Power-to-X for Applications

Supported by
VDMA Power-to-X for Applications

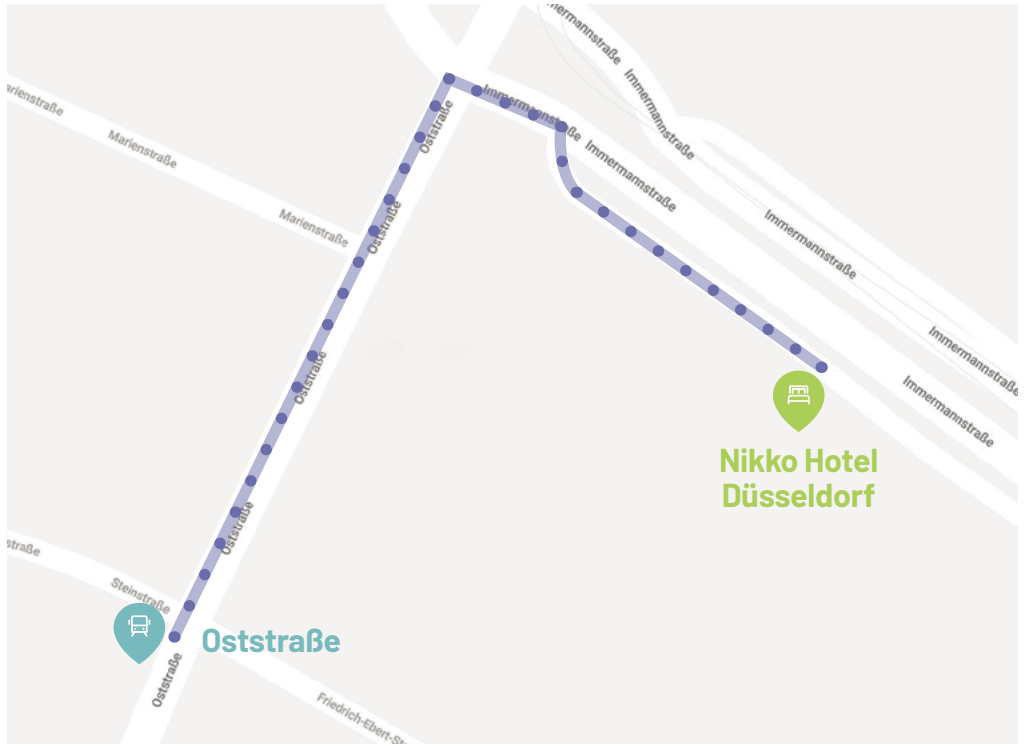
Organized by
VDMA Services GmbH
Lyoner Strasse 18
60528 Frankfurt am Main, Germany

GET TOGETHER OPENING DINNER:

19.09.2022 | 19:00 h at Hotel Nikko, Düsseldorf city

Your way to the venue

Nikko Hotel can be reached by public transport from **Messe Ost/ Stockumer Kirchstraße** with **U78** (in the direction of Düsseldorf Hbf) or **U79** (in the direction of D-Uni Ost/Botanischer Garten) to Oststraße. From Oststraße it is only a five minutes' walk to the hotel.



Be prepared and buy your ticket for public transport here



You can also buy your tickets at the ticket machines in the stations.

Sponsors



Association Partners



Media Partners

