

Hydrogen Tech World

Expo & Conference

Messe Essen | Germany | 26–27 June 2024

Bringing together experts from across the hydrogen value chain, this event provides an excellent opportunity to meet leading equipment and component manufacturers, project developers, and service providers, as well as to learn from and engage with engineers, thought leaders, technology innovators, and end users.



For all information regarding this event, please consult our website:

<https://hydrogentechworld.com>



Conference 2024

Industry leaders speaking at the HTW Conference



WILLEM FRENS
BA2C zero emission molecule project
development
Managing Director & Principal Project
Developer



WIEBKE PERMIN
Topsoe
Head of Markets, Market
Development PtX



ANTON FRISK
Southern Lights
Chief Product Officer



PHILIPPE CORNILLE
EIGA (European Industrial Gases
Association)
Secretary General



MAGNUS KILLINGLAND
DNV
Global Segment Lead Hydrogen
and Sustainable Fuels



JACQUES MOSS
Guidehouse Insights
Senior Research Analyst – Energy,
Sustainability & Infrastructure



STEPHEN B. HARRISON
sbh4 GmbH
Managing Director



CHRISTOPHE VALDENAIRE
Omniseal Solutions
Senior Business Development
Manager – Alternative Energies



FRANCESCO BINI
Baker Hughes
Hydrogen Solution Architect –
Compressors & Systems



CARLOS BERNUY-LOPEZ
Ramboll
Senior Consultant – Power-to-X
and Hydrogen Technologies



HENRIK TÆKKER MADSEN
Silhorko-Eurowater
Application Development Manager



MATTHIAS BREITWIESER
ionysis
Chief Technology Officer



**ANNE-FRÉDÉRIQUE
DEMAEREL**
Accelera by Cummins
Business Expert Large Industries –
Electrolyzers



CAROL XIAO
ISPT (Institute for Sustainable
Process Technology)
Director Business Development



AXEL FUNKE
H2Apex
Chief Technology Officer



STIJN VAN AKEN
Metalot
Project Leader Metal Fuels



JUSTINE BERNARD
Vallourec
Hydrogen Storage Technical
Manager



JENS HUNDRIESER
Endress+Hauser
European Industry Manager
Energy & Metal



ANGELA PHILIPP
Alleima
Technical Marketing Specialist

26 June	Speaker	Company	Presentation title
9:25	Welcome by Matjaž Matošec, Hydrogen Tech World Editor & Conference Manager		
9:30	Willem Frens	BA2C zero emission molecule project development	What to do with hydrogen? Industry follows energy – and not the other way around
9:55	Wiebke Permin	Topsoe	Industrializing SOEC electrolyzer production
10:20	Anton Frisk	Southern Lights	Green ammonia: key technical challenges to profitable production
10:45	Coffee break		
11:15	Philippe Cornille	EIGA (European Industrial Gases Association)	Can industrial standards help the safe rollout of hydrogen?
11:40	Magnus Killingland	DNV	Hydrogen safety and risk mitigation
12:05	Lunch break		
13:35	Jacques Moss	Guidehouse Insights	Outlook for electrolyser supply and demand in Europe
14:00	Stephen B. Harrison	sbh4 consulting	An overview of recent electrolyser innovations across the four main technologies (PEM, alkaline, SOEC, and AEM)
14:55	Coffee break		
15:20	Christophe Valdenaire	Omniseal Solutions	Metal and polymer sealing solutions for critical applications in the hydrogen value chain
15:45	Francesco Bini	Baker Hughes	Advanced H ₂ compression technology
16:10	End of Day 1		
27 June	Speaker	Company	Presentation title
9:30	Carlos Bernuy-Lopez	Ramboll	Beyond electrolyzers: what else should we look after?
9:55	Henrik Tækker Madsen	Silhorko-Eurowater	Water for green hydrogen – what you need to know
10:20	Matthias Breitwieser	ionysis	PFAS-free membrane-electrode-assemblies in PEM fuel cells and electrolyzers with competitive performance and durability: current status and future developments
10:45	Coffee break		
11:15	Anne-Frédérique Demaerel	Accelera by Cummins	Accelerate the shift with PEM water electrolysis
11:40	Carol Xiao	ISPT (Institute for Sustainable Process Technology)	Making better electrolyzers in a better way
12:05	Lunch break		
13:35	Axel Funke	H2APEX	Green hydrogen produced in Mecklenburg-Vorpommern to supply the steel industry in the Ruhr region
14:00	Stijn van Aken	Metalot	Iron power: enabling large-scale green energy storage using iron powder
14:25	Justine Bernard	Vallourec	Revolutionizing hydrogen storage for project optimization
14:50	Coffee break		
15:20	Jens Hundrieser	Endress+Hauser	Hydrogen in steel making for decarbonization
15:45	Angela Philipp	Alleima	Austenitic stainless steel for hydrogen applications – comparison of properties based on the chemical composition
16:10	End of Day 2		



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ONE TICKET = TWO GREAT SHOWS!

A single ticket – available for just EUR 85! – gives the holder unrestricted access to the Hydrogen Tech World Conference, the Green Steel World Conference, plus the entire expo floor with numerous companies active in the hydrogen and green steel sectors, for both days of the event. To register, please visit <https://hydrogentechworld.com/event-participation> or <https://greensteelworld.com/event-participation>.

Be a part of this world-class gathering of the hydrogen supply chain and do not miss the opportunity to meet and engage in person with the global community of hydrogen tech experts!

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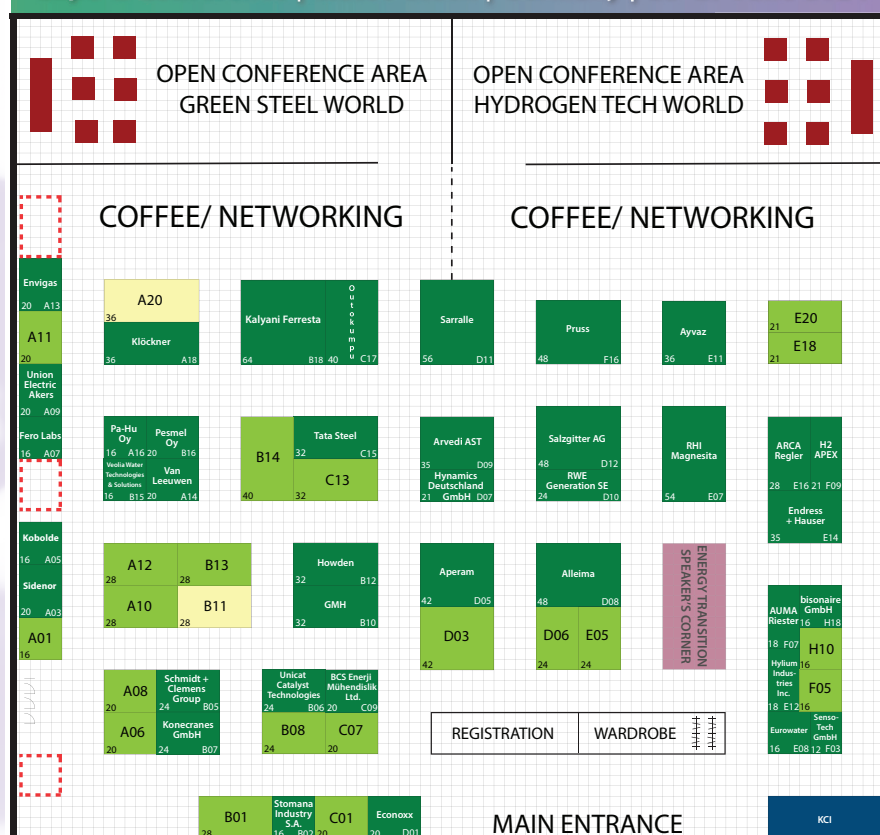
Arvedi AST

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EDF GROUP

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sustainable stainless steel



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For the latest version of the floorplan and further information about the exhibition, visit

<https://hydrogentechworld.com/exhibition>

