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Green Steel
WORLD



Hydrogen Tech
World

CONFERENCE

13-14 May 2025

Van der Valk Airporthotel Düsseldorf

CONFERENCE PROGRAMME



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Industry leaders speaking at Hydrogen Tech World Conference



Dr. SAMI PELKONEN
ANDRITZ
EVP Green Hydrogen,
Renewable Fuels & P2X



HEMANGI JADHAV
Topsoe
Market Developer (PtX)



KAY RADTKE
Worley
VP Renewable Hydrogen Europe



GÖRAN NYSTRÖM
Ovako
Senior Advisor



Dr. JULIE MOUGIN
CEA
Deputy Director for
Hydrogen Technologies



Dr. CARLOS BERNUY-LOPEZ
Ramboll
Senior Consultant – PtX &
Hydrogen Technologies



Dr. MARITA NILSSON
Stegra
Hydrogen Technology &
Innovation Lead



Dr. VOLKER SCHÖLLMANN
HYBRIT Development
Head of Technology & IP



GABRIEL PADÍN GONZÁLEZ
AtlantHy
Renewable Hydrogen &
E-fuels Project
Development Engineer



DANIEL MERCER
Storengy Deutschland
Managing Director



WILLEM FRENS
BA2C Europe /
Latin America
Managing Director &
Principal Project Developer



Dr. RENÉ PETERS
TNO
Business Director
Gas Technology



NICLAS MEIER
Aucotec
Global Account Manager
Renewables



YODRICK MONBEIG
Rely
Product Owner EMS



LORENZO LA PORTA
ILF Consulting Engineers
Project Engineer – Hydrogen



Dr. BRUNO G. POLLET
UQTR Hydrogen
Research Institute
Director



Dr. THORSTEN KROL
Siemens Energy
Senior Key Expert – Energy
Systems, Grid Stability &
Energy Storage



Dr. BITAJMI
Entr, part of Aker Solutions
Principal Consultant –
Hydrogen & Derivatives



ESBEN BALTZER NIELSEN
Stiesdal Hydrogen
Head of Sales & Business
Development

Conference Timetable

13 May	Speaker	Company	Presentation title
09:00	Welcome by Matjaž Matošec, Editor-in-Chief & Conference Manager, Hydrogen Tech World		
09:05	Dr. Sami Pelkonen	ANDRITZ	From vision to reality: key insights and lessons from ANDRITZ's green hydrogen projects in Europe
09:30	Dr. Bitajmi	Entr, part of Aker Solutions	Integrating electrolyzer technologies into sustainable aviation fuel production
09:55	Gabriel Padín González	AtlantHy	Successful development of e-methanol projects: key considerations and lessons learned
10:20	Dr. René Peters	TNO	PosHYdon: offshore hydrogen production in the North Sea – current operation and future outlook
10:45	Coffee break		
11:15	Dr. Julie Mougin	CEA	Latest developments in high-temperature electrolysis: the MULTIPLHY project
11:40	Hemangi Jadhav	Topsoe	SOEC electrolyzers and their integration into hard-to-abate sectors
12:05	Willem Frens	BA2C Europe / Latin America	Creating value with green hydrogen: integrating SOEC, leveraging biogenic carbon and iron ore, and utilizing downstream infrastructure
12:30	Lunch break		
14:00	Dr. Thorsten Krol	Siemens Energy	Operation of an integrated steel plant with limited renewable power
14:25	Dr. Volker Schöllmann	HYBRIT Development	Underground hydrogen storage for HYBRIT's fossil-free iron and steel
14:50	Coffee break		
15:05	Dr. Marita Nilsson	Stegra	Decarbonising steel with hydrogen: the Stegra story
15:30	Göran Nyström	Ovako	Eliminating carbon emissions from industrial heat: Ovako's experience
15:55	Coffee break		
16:10	Panel discussion: Decarbonising steel: lessons from the frontlines of hydrogen integration Moderators: Willem Frens (BA2C Europe / Latin America) and Dr. Carlos Bernuy-Lopez (Ramboll) Panellists: Dr. Marita Nilsson (Stegra), Dr. Volker Schöllmann (HYBRIT Development), and Göran Nyström (Ovako)		
17:00	Networking reception		
14 May	Speaker	Company	Presentation title
09:00	Kay Radtke	Worley	CAPEX/LCOH savings through standardization and optimization of the OEM/BoP interface
09:30	Yodrick Monbeig	Rely	PtX plant optimization through advanced forecasting and operational planning
09:55	Lorenzo La Porta	ILF Consulting Engineers	Enhancing techno-economic feasibility in integrated Power-to-X projects through system optimization
10:20	Niclas Meier	Aucotec	The value of digital twins in the hydrogen economy
10:45	Coffee break		
11:15	Daniel Mercer	Storengy Deutschland	Opportunities and challenges in developing hydrogen storage within the context of the H ₂ market ramp-up
11:40	Esben Baltzer Nielsen	Stiesdal Hydrogen	Scaling green hydrogen with industrialized electrolysis
12:05	Dr. Bruno G. Pollet	UQTR Hydrogen Research Institute	Levelized cost of green hydrogen in Canada: wind energy-driven water electrolysis
12:30	Dr. Carlos Bernuy-Lopez	Ramboll	Cost-competitive clean hydrogen: CAPEX and OPEX insights for industrial integration
13:00	Lunch		
			

Industry leaders speaking at Green Steel World Conference



KARIN REUTERSKIÖLD
Forever Sustainable
Partner & Sustainable Finance
Advisor



Dr. SEBASTIAN KREFT
Metalshub
Co-Founder and
Managing Director



TIM ESCHERT
Fero Labs
Managing Director, EMEA



Dr. Ulf Narloch
CO₂ IQ
Managing Director



DR.-ING. MARKUS DORNDORF
Ternova
Senior Business Development
Director



Dr. HARALD HOLZGRUBER
INTECO
CEO



MARIA MÄHL
ESG Book
Partner and Head of
USA ESG Solutions



PÉLAGIE MEPIN-KOEBEL
EverySens
Country Director Germany



MATHIAS GEHL
Emerson
Industry Manager Metals &
Mining | Flexim Ultrasonic



Dr. SERGEI MISHIN
Emerson
Sales Director OEM Europe



LUCA NICCOLINI
ANYbotics
Partner and Head of
Account Executive EMEA – Metals



DR. BORIS RIGAULT
Siemens Energy
Corporate Field of Action
Director - Decarbonized Heat
& Industrial Processes



CRISTIANO BALESTRINO
Siemens Energy
Product Manager



R. K. GOYAL
Saarloha Advanced Materials
Managing Director



GALINA DONNIK
beSirius
Chief Impact Officer



KURT HERZOG
Primetals Technologies
Head of Industry 4.0



BERNHARD RISCHKA
Swiss Steel Group
Director Corporate Technology



MAXIMILIAN SCHAPPELWEIN
Schneider Electric
International Account Manager
Metals - Europe



JOHANNES LOHMANN
European Investment Bank
Cleantech Finance Advisor



VASCO FERREIRA COSTA
European Investment Bank
Senior Finance Advisor



JAKOB WAY
Nordic Bio-Graphite
CEO



THOMAS BRÄCK
Meva Energy
Business Development Director



MARCUS HILLBOM
Alleima
Business Development
Manager - Tube division



PETER DÖRMSTEDT
Kanthal (Alleima)
Project Manager -
Electric Process Gas Heating

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13 May	Speaker	Company	Presentation title
09:00	Welcome by Christian Borrmann, Brand Director, KCI World		
09:05	Kurt Herzog	Primetals Technologies	Digitalization: the catalyst for the green transformation in steel industry
09:30	Dr. Sebastian Kreft	Metalshub	Uncovering green premiums in steel: a data-driven path to sustainable value
09:55	Tim Eschert	Fero Labs	Unlock Efficiencies in 2025: Why You Need to Optimize People, Process, and Products with AI
10:20	Galina Donnik	beSirius	Practical applications of AI for ESG reporting and regulatory compliance in the steel industry
10:45	Coffee break		
11:15	Dr.-Ing. Markus Dorndorf	Ternova	Technologies for green steel and competitiveness: paths to a sustainable decarbonization of steelmaking
11:40	Pélagie Mepin-Koebel	EverySens	Rail, AI and the future of steel logistics
12:05	Dr. Boris Rigault & Cristiano Balestrino	Siemens Energy	Decarbonization of heat and energy efficiency in steel industry
12:30	Marcus Hillbom	Alleima	Challenges of comparing life cycle assessments (LCA) to make informed choices
12:55	Lunch break		
14:00	Dr. Harald Holzgruber	INTECO	Zero-emission, low-cost hydrogen – methane pyrolysis as pathway to green steel
14:25	Johannes Lohmann & Vasco Ferreira Costa	EIB	Cleantech innovation and financing for European green steel
14:50	Dr. Ulf Narloch	CO ₂ IQ	Can carbon pricing make green steel more competitive?
15:15	Coffee break		
15:45	Interactive panel session: AI in Sustainable Finance Moderator: Karin Reuterskiöld (Forever Sustainable) Panelists: Maria Mähl (ESG Book) Galina Donnik (beSirius)		
17:00	Networking reception		
14 May	Speaker	Company	Presentation title
09:00	Bernhard Rischka	Swiss Steel Group	Green steel strategy and circular economy activities at Swiss Steel Group
09:30	Jakob Way	Nordic Bio-Graphite	From reliance to resilience: securing Europe's eco-friendly graphite supply
09:55	Thomas Bräck	Meva Energy	Biosyngas – A fossil free alternative for metal production
10:20	Coffee break		
10:35	R. K. Goyal	Saarloha Advanced Materials	Pioneering green steel production in India
11:00	Luca Niccolini	ANYbotics	Autonomous inspection in the metals industry
11:25	Peter Dörmstedt	Kanthal (Alleima)	Electric process gas heating - an enabler of fossil-free DRI
11:50	Coffee break		
12:05	Maximilian Schappelwein	Schneider Electric	Steel Reimagined
12:30	Mathias Gehl & Dr. Sergei Mishin	Emerson	Non-intrusive and wireless instrumentation is crucial to minimize personnel and optimize steel production
12:55	Lunch		

Floorplan



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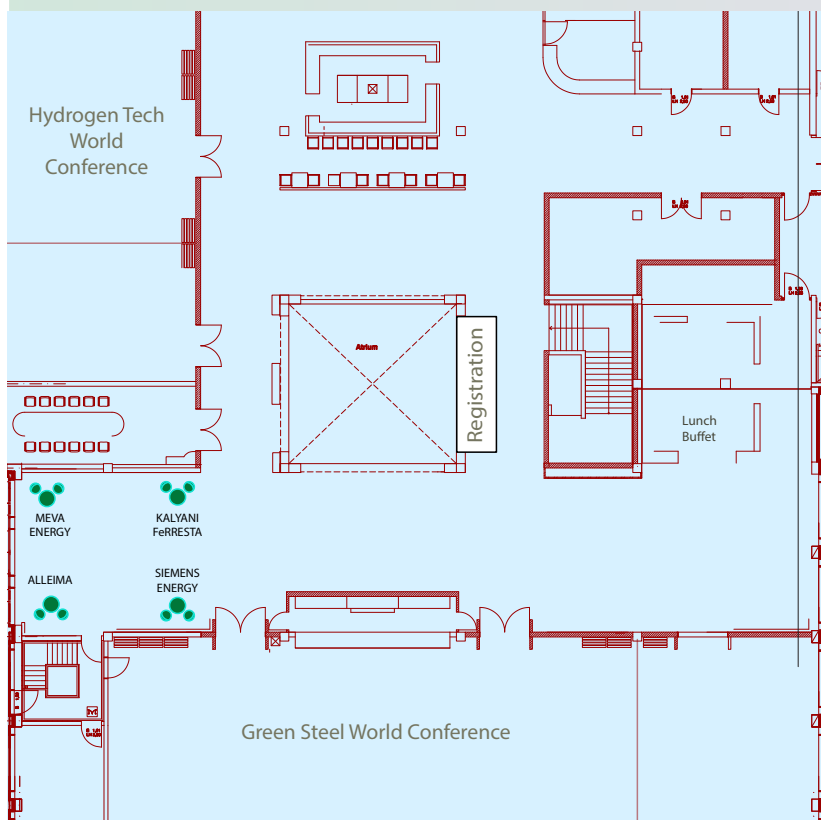


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