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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 Green Steel World Conference



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Forever Sustainable
Partner & Sustainable Finance
Advisor



Dr. SEBASTIAN KREFT
Metalshub
Co-Founder and
Managing Director



TIM ESCHERT
Fero Labs
Managing Director, EMEA



Dr. JOACHIM VON SCHÉELE
Linde
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Tenova
CEO



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



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



CRISTIANO BALESTRINO
Siemens Energy
Product Manager



JAKOB WAY
Nordic Bio-Graphite
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R. K. GOYAL
Saarloha Advanced Materials
Managing Director



GALINA DONNIK
Sirius
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



THOMAS BRÄCK
Meva Energy
Business Development Director

SHARE KNOWLEDGE

Conference Timetable

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	TBA
10:20	Galina Donnik	Sirius	Practical applications of AI for ESG reporting and regulatory compliance in the steel industry
10:45	Coffee break		
11:15	Roberto Pancaldi	Tenova	Technologies for green steel and competitiveness: paths to a sustainable decarbonization of steelmaking
11:40	Pélagie Mepin-Koebel	Eversens	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	Lunch break		
14:00	Dr. Harald Holzgruber	INTECO	Zero-emission, low-cost hydrogen – methane pyrolysis as pathway to green steel
14:25	Johannes Lohmann	EIB	Cleantech innovation for green steel
14:50	Dr. Joachim von Schéele	Linde	Green steel – How? When? Where?
15:15	Coffee break		
15:45	Interactive panel session: AI in Sustainable Finance Moderator: Karin Reuterskiöld (Forever Sustainable) Panelists: Maria Mähl (ESG Book)		
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 fossile free alternative for metal production
10:20	Coffee break		
10:50	R. K. Goyal	Saarloha Advanced Materials	Pioneering green steel production in India
11:15	Luca Niccolini	ANYbotics	Autonomous inspection in the metals industry
11:40	Coffee break		
12:00	Maximilian Schappelwein	Schneider Electric	Steel Reimagined
12:25	Mathias Gehl	Emerson	Non-intrusive and wireless instrumentation is crucial to minimize personnel and optimize steel production
13:00	Lunch		



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
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Dr. CARLOS BERNUY-LOPEZ
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Senior Consultant – PtX &
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Dr. MARITA NILSSON
Stegra
Hydrogen Technology &
Innovation Lead



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. BITAJ NAJMI
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. Bitaj Najmi	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	Esben Baltzer Nielsen	Stiesdal Hydrogen	Scaling green hydrogen with industrialized electrolysis
10:45	Coffee break		
11:15	Dr. Julie Mougín	CEA	Latest developments in high-temperature electrolysis: the MULTIPLY 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	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: Old vs new: the challenge of integration Moderators: Willem Frens (BA2C Europe / Latin America) and Dr. Carlos Bernuy-Lopez (Ramboll) Panellists: TBA		
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	Dr. René Peters	TNO	PosHYdon: offshore hydrogen production in the North Sea – current operation and future outlook
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		



Floorplan



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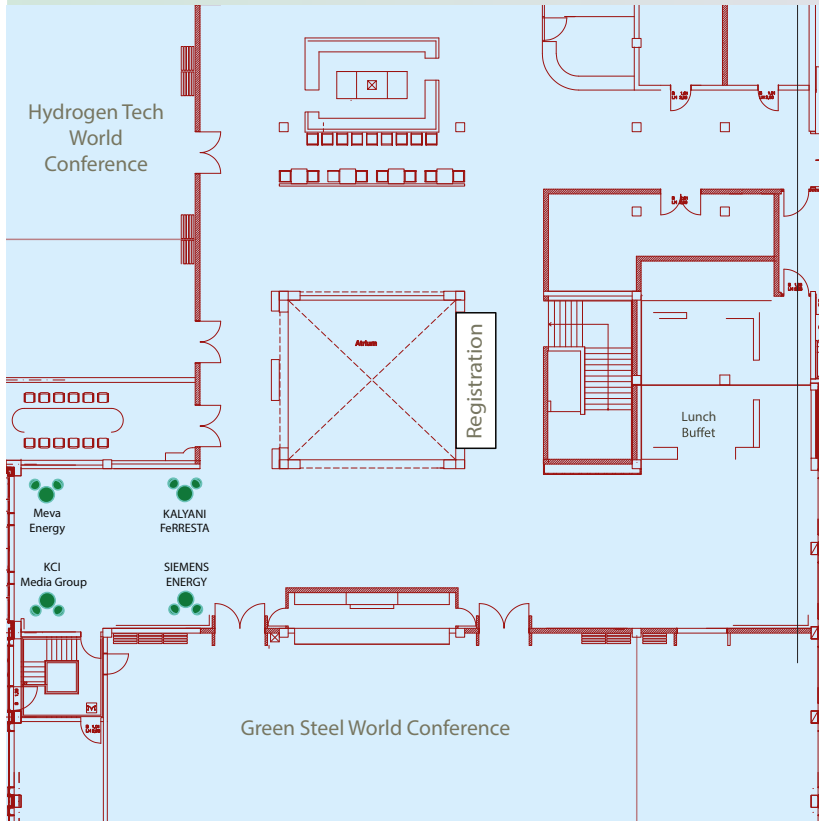


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