



WORLD HYDROGEN 2025

SUMMIT & EXHIBITION

20 - 22 MAY 2025

ROTTERDAM, NETHERLANDS

IN PARTNERSHIP WITH:



Government of the Netherlands



provincie
Zuid-Holland



City of
Rotterdam



Port of
Rotterdam

HYDROGEN IS HAPPENING:

NAVIGATING INDUSTRY CONSOLIDATION WITH SOLID FIDS

Part of the SEC World Hydrogen Series

The Largest and Most Senior Hydrogen Summits



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Speakers indicated are in the process of being invited & are not necessarily confirmed. Private Companies are subject to sponsorship pricing unless discretion is exercised.

WORLD HYDROGEN 2025 AT A GLANCE

MONDAY 19 MAY												
09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	
	Site Visits											
TUESDAY 20 MAY												
09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	
Strategic Summit								Exhibition Opening Reception & Awards*		*Delegates & Exhibitors only		
WEDNESDAY 21 MAY												
09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	
Strategic Summit									Evening Reception			
	Exhibition Open to Visitors											
	3x H2 Tech Stages Presentations & Panels											
THURSDAY 22 MAY												
09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	
Strategic Summit												
	Exhibition Open to Visitors											
	3x H2 Tech Stages Presentations & Panels											
FRIDAY 23 MAY												
09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	
	Site Visits											

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CONFIRMED SPEAKERS

1. **H.E. Sophie Hermans**, Minister of Climate Policy & Green Growth, **Government of The Netherlands**
2. **H.E. Dr. Kgosientso Ramokgopa**, Minister of Electricity and Energy, **Government of South Africa**
3. **H.E. Diego Pardow**, Minister of Energy, **Government of Chile**
4. **H.E. Mohsin Al Hadhrami**, Undersecretary of Energy & Minerals, **Sultanate of Oman**
5. **H.E. Airidas Daukšas**, Vice Minister of Energy, **Government of Lithuania**
6. **Dr. Zeid Al Ghareeb**, General Manager of Hydrogen and Carbon Circular Economy, **Ministry of Energy of The Kingdom of Saudi Arabia**
7. **Shinichi Kihara**, Director General for International Policy on Carbon Neutrality, **Ministry of Economy, Trade and Industry, JAPAN**
8. **Kim JaeHong**, President & CEO, **Korea Hydrogen Alliance (H2Korea)**
9. **Stefanie Murphy**, Director of Hydrogen and Industrial Carbon Capture, **UK Government**
10. **Carola Schouten**, Mayor, **City of Rotterdam**
11. **Boudewijn Siemons**, Chief Executive Officer, **Port of Rotterdam**
12. **Berte Simons**, COO, **Port of Rotterdam**
13. **Duna Uribe**, Programme Manager Clean Ammonia, **Port of Rotterdam**
14. **Naomi van den Berg**, Program Manager Sustainable Supply Chains, **Port of Rotterdam**
15. **Maarten Wetselaar**, CEO, **Moeve**
16. **Ivo Bols**, President, Europe and Africa, **Air Products**
17. **Caroline Stancell**, Executive Director of Hydrogen, Europe & Africa, **Air Products**
18. **Anouck Massant**, Director Hydrogen for Mobility Northern Continent & European Strategy, **Air Products**
19. **Alexander Tancock**, CEO & Chairman of the Board, **InterContinental Energy**
20. **Richard Colwill**, Head of Engineering and Innovation, **InterContinental Energy**
21. **Andrew Beard**, President of Hydrogen, **Shell**
22. **Suhail Kak**, Hydrogen EU Venture Director, **Shell**
23. **Dr. Werner Ponikwar**, CEO, **thyssenkrupp nucera**
24. **Ivana Jemelkova**, CEO, **Hydrogen Council**
25. **Dr. David Burns**, Vice President Clean Energy, **Linde**
26. **Jan Taschenberger**, COO New Green Power & Gas, **Uniper**
27. **Alexey Ustinov**, SVP Sustainable Energy Systems, **Siemens Energy**
28. **Christian Belting-Clar**, Head of Applied H2 Compression, **Siemens Energy**
29. **Vibeke Rasmussen**, SVP Product Management and Certification, **Yara Clean Ammonia**
30. **Erwin Penfornis**, Vice President Hydrogen Energy World Business Line, **Air Liquide**
31. **Dr. Eugene McKenna**, Sustainable Technologies Director, **Johnson Matthey**
32. **Jorge Palomar Herrero**, Global Hydrogen Development Director, **Iberdrola**
33. **María Sicilia**, Co-Chairwoman, **European Hydrogen Backbone**, Director, Investment Planning & Control, **Enagás**
34. **Ramon van den Dungen**, Managing Director Energy Sector Coverage, Hydrogen Lead The Netherlands, **ING**
35. **Henry Rushton**, Director, Energy Sector Coverage, Hydrogen EMEA Lead, **ING Bank**
36. **Torben Hvid Larsen**, Chief Technology and Operations Officer, **Green Hydrogen Systems**
37. **Pierre-Etienne Franc**, CEO, **Hy24**
38. **Björn Ledergerber**, Senior Vice President, **SFC**
39. **Mohammad Abdelqader El Ramahi**, Chief Green Hydrogen Officer, **Masdar**
40. **Damien Eyriès**, Chief Executive Officer, **Rely**

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41. **James Mnyupe**, Head of Programme, **Namibia Green Hydrogen Programme (NGH2P)**
42. **Occo Roelofsen**, Founding Partner & CEO, **Power2X**
43. **Ole Skatka Jensen**, Vice President, Europe, Middle East & Africa, **Nikkiso Clean Energy & Industrial Gases Group**
44. **Maribel Rodríguez Olmo**, Hydrogen Business Director, **Repsol**
45. **John Gunn**, Global Manager of Operations, Energy Transition, **Bechtel**
46. **Beth Trask**, Vice President, Global Energy Transition, **Environmental Defense Fund**
47. **Baishakhi Bhattacharyya**, Growth Leader - Sustainable Fuels and Chemicals (EMEA Region), **Honeywell**
48. **Nikunj Panchal**, Global Vice President of Energy, Infrastructure Transition, **Ricardo**
49. **Matthew Hingerty**, Deputy Chairman, Deputy CEO, Head of Business Development, **Star Scientific Limited**
50. **Michèle Azalbert**, Chief Hydrogen Officer, Hydrogen, **Gentari**
51. **Dr. Hans Dieter Hermes**, Executive Vice President Hydrogen & Clean Energies, **SEFE Securing Energy for Europe GmbH**
52. **Alicia Eastman**, Co-Host, **Everything About Hydrogen**, Co-Founder and Board Member, **InterContinental Energy**
53. **Alex MacIntosh**, Director Business Development and Transactions, **Australian Renewable Energy Agency (ARENA)**
54. **Taco Hoencamp**, Business Development Director New Energy, **Royal HaskoningDHV**
55. **Xander Japin**, Sr. Business Developer Hydrogen & CO₂, **VTTI BV**
56. **Keith Croysdale**, Business Development Manager, **Luxfer Gas Cylinders Europe**
57. **Jorgo Chatzimarkakis**, CEO, **Hydrogen Europe**
58. **Dr. Laurent Antoni**, Executive Director, **IPHE**
59. **Susana Moreira**, Executive Director, Co-chair, **H2Global Foundation**
60. **Jerome Henry**, Hydrogen Global Center of Competence Manager, **Hitachi Energy**
61. **Emilie Hoogsteden**, CEO, **Sohar Port & Free Zone**
62. **Eng. Nawal Alhanaee**, Director of Future Energy Department, Ministry of Energy and Infrastructure, **UAE**
63. **Tim Hard**, SVP Energy Transition, **Argus**
64. **Marcel Galjee**, Chief Strategy Officer, **HyCC**
65. **Dr Peter Pötschacher**, Vice President Region EU & Middle East, **ITM Power**
66. **Jolanda Stevens**, Program Manager for Zero Emissions Aviation, **KLM Royal Dutch Airlines**
67. **Stefan Fenchel**, Project Manager Sustainability BMW Group Plant Leipzig, **BMW Group**
68. **Daniel Tas Sandermann**, Chief Commercial Officer, **Hysata**
69. **Mathilde Blanchard**, Senior Policy Lead, **Global CCS Institute**
70. **Clare Jackson**, Chief Executive, **Hydrogen UK**
71. **Noe van Hulst**, Vice Chair, **IPHE**; Hydrogen Advisor, **IEA & Gasunie**
72. **Dr Emma Guthrie**, CEO, **The Hydrogen Energy Association**

SUMMIT DAY ONE

TUESDAY 20 MAY

08:00 WELCOME BREAKFAST & REGISTRATION

09:00 WELCOME ADDRESSES

- Sustainable Energy Council
- **Carola Schouten**, Mayor, **City of Rotterdam**
- **Boudewijn Siemons**, Chief Executive Officer, **Port of Rotterdam**

09:35 KEYNOTE ADDRESSES

- **Ivo Bols**, President, Europe and Africa, **Air Products**
- **Maarten Wetselaar**, CEO, **Moeve**
- **Alexander Tancock**, CEO & Chairman of the Board, **InterContinental Energy**

10:20 STATE OF THE INDUSTRY FIRESIDE CHAT

- **Ivana Jemelkova**, CEO, **Hydrogen Council**

10:35 NETWORKING COFFEE BREAK

11:10 MINISTERIAL PANEL: GLOBAL POLICIES DRIVING SUPPLY & DEMAND FOR MARKET ACTIVATION

- Governments supporting hydrogen deployment: Are policies having the desired effect? What regulatory frameworks can be added or streamlined to increase effectiveness?

Moderator

Alicia Eastman, Co-Host, **Everything About Hydrogen**, Co-Founder and Board Member, **InterContinental Energy**

Panellists

H.E. Dr. Kgosientsho Ramokgopa, Minister of Electricity and Energy, **Government of South Africa**

H.E. Mohsin Al Hadhrami, Undersecretary of Energy & Minerals, **Sultanate of Oman**

Dr. Zeid Al Ghareeb, General Manager of Hydrogen and Carbon Circular Economy, Ministry of Energy, **Kingdom of Saudi Arabia**

Senior Representative, **Ministry of Energy, Algeria**

12:00 SPOTLIGHT: Shell Hydrogen Holland I

Speaker

Andrew Beard, President of Hydrogen, **Shell**

12:10 SESSION 1: PIONEERING HYDROGEN PROJECTS: TACKLING INDUSTRY CHALLENGES THROUGH PARTNERSHIPS

- Global projects spearheading industry development with cross-sector collaboration
- Lessons learnt to date requiring adjusting priorities towards 2030 goals
- Successful partnership tactics to mitigate risk and enable demand centres
- Projects leveraging hydrogen incentives and mandates to unlock a complementary hydrogen ecosystem

Moderator

Tim Hard, SVP Energy Transition, **Argus**

Panellists

Maribel Rodríguez Olmo, Hydrogen Business Director, **Repsol**

David Burns, Vice President Clean Energy, **Linde**

Jorge Palomar Herrero, Global Hydrogen Development Director, **Iberdrola**

Jan Taschenberger, COO New Green Power & Gas, **Uniper**

Mohammad Abdelqader El Ramahi, Chief Green Hydrogen Officer, **Masdar**

13:00 SPOTLIGHT: thyssenkrupp nucera

Speaker

Dr. Werner Ponikwar, CEO, **thyssenkrupp nucera**

13:10 NETWORKING LUNCH

Hosted by



14:15 SPOTLIGHT: JAPAN'S HYDROGEN POLICIES

Speaker

Shinichi Kihara, Director General for International Policy on Carbon Neutrality, **Ministry of Economy, Trade and Industry, JAPAN**

14:25 **SESSION 2: HYDROGEN DEMAND DRIVERS: FIRST MOVERS & MARKET CATALYSTS**

- Hydrogen Hubs kickstarting domestic demand and regional distribution in “lead markets” to enable export
- EU Mandates for decarbonisation of Steel, Shipping, Aviation driving hydrogen demand
- Which global policies and methodologies are having the biggest impact on demand creation? PTCs, CfDs, ETS, CBAM, LCFSs.
- Tackling barriers for clean hydrogen adoption in traditional use cases Fertilizers, refineries

Moderator

Panellists

Caroline Stancell, Executive Director of Hydrogen, Europe & Africa, **Air Products**

Occo Roelofsen, Founding Partner & CEO, **Power2X**

Dr. Hans Dieter Hermes, Executive Vice President Hydrogen & Clean Energies, **SEFE Securing Energy for Europe GmbH**

Suhail Kak, Hydrogen EU Venture Director, **Shell**

Vibeke Rasmussen, SVP Product Management and Certification, **Yara Clean Ammonia**

15:15 **NETWORKING COFFEE BREAK**

15:45 **SESSION 3: ACHIEVING HYDROGEN TARGETS: INFRASTRUCTURE INNOVATIONS IN STORAGE, TRANSPORT, & DISTRIBUTION**

- Latest Public – Private partnerships developing and maintaining common use hydrogen infrastructure, helping de-risk H2 investments and accelerating market activation
- Lessons learnt from current pipelines, terminals and storage facilities being built and repurposed for hydrogen use
- Navigating challenges within the buildup of the European Hydrogen Backbone
- Strategies to simplify regulatory approval frameworks whilst maintaining standards
- Hydrogen Valleys and Hubs streamlining hydrogen transportation and distribution to enable off-take

Moderator

Panellists

Christian Belting-Clar, Head of Applied H2 Compression, **Siemens Energy**

María Sicilia, Co-Chairwoman, **European Hydrogen Backbone**, Director, Investment Planning & Control, **Enagás**

Taco Hoencamp, Business Development Director New Energy, **Royal HaskoningDHV**

Xander Japin, Sr. Business Developer Hydrogen & CO2, **VTTI BV**

Keith Croysdale, Business Development Manager, **Luxfer Gas Cylinders Europe**

16:45 **END OF SUMMIT DAY 1. EXHIBITION OPENING & AWARDS**

19:00 **EXHIBITION CLOSURES / CLOSE OF DAY 1**

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SUMMIT DAY TWO

WEDNESDAY 21 MAY

08:00 WELCOME BREAKFAST

09:00 WELCOME ADDRESSES

09:15 MINISTERIAL KEYNOTE ADDRESSES

H.E. Sophie Hermans, Minister of Climate Policy & Green Growth, **Government of The Netherlands**

Hon Roger Cook, Premier; Minister for State Development; Trade and Investment; Economic Diversification, **Government of Western Australia**

09:45 SPOTLIGHT: TAKING FID - WHAT MAKES A BANKABLE PROJECT?

- Analysis of recent FIDs across the sector comparing various winning models

Speakers

Ramon van den Dungen, Managing Director Energy Sector Coverage, Hydrogen Lead the Netherlands, **ING**

Marcel Galjee, Chief Strategy Officer, **HyCC**

10:00 SESSION 4: FINANCING & INVESTMENTS ACROSS THE HYDROGEN VALUE CHAIN

- Strategies de-risking projects and creating a favourable investment environment especially for critical hydrogen infrastructure development
- What finance models are needed and what kinds of creative financing are emerging
- Government-backed finance mechanisms being deployed to provide certainty
- Latest updates from EU Hydrogen Bank Innovation Fund & H2 Global

Moderator

Susana Moreira, Executive Director, Co-chair, **H2Global Foundation**

Panellists

Nikunj Panchal, Global Vice President of Energy, Infrastructure Transition, **Ricardo**

Henry Rushton, Director, Energy Sector Coverage, Hydrogen EMEA Lead, **ING Bank**

Alex MacIntosh, Director Business Development and Transactions, **Australian Renewable Energy Agency (ARENA)**

Damien Eyriès, Chief Executive Officer, **Rely**

10:45 SPOTLIGHT: HOW GEOPOLITICS AFFECT HYDROGEN: INVESTOR'S VIEW

Speaker

Pierre-Etienne Franc, CEO, **Hy24**

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10:55 NETWORKING COFFEE BREAK

11:30 SPOTLIGHT: ENVIROMENTAL DEFENSE FUND

**11:45 SESSION 5: GLOBAL HYDROGEN STANDARDS & CERTIFICATION SOLUTIONS:
ENSURING INTEROPERABILITY AND COMPLIANCE ENABLEMENT**

- ISO Methodology: Update on the development of a global suite of standards for greenhouse gas emissions assessment for hydrogen & derivatives on a life cycle analysis basis
- Navigating technical standards: ISO UNIDO Technical Guidelines on ISO 19870
- Status of development and implementation of certification schemes in compliance markets
- Enabling Compliance and Optimization through Digital Solutions
- Challenges and solutions for interoperability between markets: pathway towards mutual recognition of certification schemes, standardization and how can digital solutions drive the same.
- Scalability of Digital solutions for Global Adoption, Future-proofing compliance and Reduction of Costs of Certification
- Synergies between hydrogen and carbon pricing and carbon monitoring and certification

Moderator

Jorgo Chatzimarkakis, CEO, Hydrogen Europe

Panellists

Dr Laurent Antoni, Executive Director, IPHE

Beth Trask, Vice President, Global Energy Transition, Environmental Defense Fund

Baishakhi Bhattacharyya, Growth Leader - Sustainable Fuels and Chemicals (EMEA Region), Honeywell

Dr Andreas Lehmann, CEO, Hydrogenious

Senior Representative, BMWK

12:30 SESSION 6: HYDROGEN CARRIERS: AMMONIA, METHANOL, LIQUID H2 & BEYOND

- What is the suitability of carriers for different end-use applications?
- Case studies of transport vectors, capacity, energy loss, infrastructure, cost and scalability
- CO₂-based hydrogen derivatives and policies for sustainable carbon sources
- Developing domestic production capacity to reduce import dependency for existing end-use cases

Moderator

Senior Representative, Ammonia Energy Association

Panellists

Duna Uribe, Programme Manager Clean Ammonia, Port of Rotterdam

Senior Representative, Carbon Recycling International

Senior Representative, Advario

13:00 NETWORKING LUNCH

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14:00 INTERNATIONAL HYDROGEN TRADE FORUM (IHTF) UPDATE

- Reality-check: where do we stand on global hydrogen trade partnerships?
- What are (recent) trade barrier and what possible measures could be implemented to mitigate them?
- The role and impact of global hydrogen (derivatives) supply chains in lead markets, such as green fertilizers, synthetic fuels and steel (Nexus energy-trade-food security)
- Maximizing local benefits of cross-border hydrogen trade for exporting and importing countries

Moderator

Ivana Jemelkova, CEO, Hydrogen Council

Panellists

H.E. Sophie Hermans, Minister of Climate Policy & Green Growth, Government of The Netherlands

H.E. Diego Pardow, Minister of Energy, Government of Chile

Boudewijn Siemons, Chief Executive Officer, Port of Rotterdam

14:45 SPOTLIGHT: PORTS AS ENERGY HUBS: THE ROLE OF PORTS IN ENABLING THE HYDROGEN ECONOMY

- Key enablers for accelerating the adoption of clean electrons and molecules in port industrial clusters by aggregating supply and demand, storage and distribution of clean energy
- Hydrogen hubs and supply chain integration: Updates from leading port industrial clusters developing sustainable hydrogen ecosystems
- Actionable steps to drive the impactful deployment of clean energy infrastructure
- Global partnerships and policy momentum building up capacity of trade corridors

Moderator

Panellists

Berte Simons, COO, Port of Rotterdam

Emile Hoogsteden, CEO, Sohar Port & Free Zone

15:15 NETWORKING COFFEE BREAK

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15:45 **SESSION 7: HYDROGEN'S ROLE IN HARD-TO-ELECTRIFY SECTORS**

- First movers case studies decarbonising operations in steel, cement, plastics, fertilisers, data centre industries
- Cross-sector collaboration securing long-term demand of hydrogen to decarbonise industry
- Latest trends and developments impacting suitability in diverging industries and applications
- Sustainable and cost-effective integration of hydrogen into industrial supply chains

Moderator

Clare Jackson, Chief Executive, **Hydrogen UK**

Panellists

Matthew Hingerty, Deputy Chairman, Deputy CEO, Head of Business Development, **Star Scientific Limited**

Michèle Azalbert, Chief Hydrogen Officer, Hydrogen, **Gentari**

Senior Representative, EMSTEEL

Senior Representative, Maersk

16:30 **SESSION 8: HYDROGEN MOBILITY: TRANSFORMING LAND, SEA, & AIR TRANSPORT**

- Partnerships rather than competition enabling common use hydrogen infrastructure development - refuelling, bunkering, storage and terminal facilities
- Scaling infrastructure, production and policy frameworks to enable widespread adoption, leveraging synergies between hydrogen applications in varying industrial sectors
- Lessons learnt to date from trucks, buses, trains, ferries running on hydrogen: What are the challenges that remain and how can they be addressed?
- Decarbonising shipping through power-to-x pathways: Are the global greenhouse gas levy and a global fuel standard the way?
- Policies incentivising the transition to e-fuels: Progress to date and lessons learnt from existing mandates

Panellists

Erwin Penfornis, Vice President Hydrogen Energy World Business Line, **Air Liquide**

Naomi van den Berg, Program Manager Sustainable Supply Chains, **Port of Rotterdam**

Jolanda Stevens, Program Manager for Zero Emissions Aviation, **KLM Royal Dutch Airlines**

Stefan Fenchel, Project Manager Sustainability BMW Group Plant Leipzig, **BMW Group**

Anouck Massant, **Director Hydrogen for Mobility Northern Continent & European Strategy, Air Products**

17:15 **SPOTLIGHT: Leading Cities & Regions Spearheading Hydrogen Development**

Panellists

Carola Schouten, Mayor, **City of Rotterdam**

17:45 **END OF SUMMIT DAY 2 & EXHIBITION NETWORKING**

18:30 **HYDROGEN SOCIAL DRINKS RECEPTION**

SUMMIT DAY THREE

THURSDAY 22 MAY

08:30 WELCOME BREAKFAST

09:30 WELCOME ADDRESS

- Province of South Holland

09:40 MINISTERIAL KEYNOTE ADDRESSES & FIRESIDE CHATS

Jaehong Kim, President & CEO, Korea Hydrogen Alliance (H2KOREA)

10:15 EUROPE MINISTERIAL PANEL DISCUSSION

- Are 2030 goals of 20 Mt of hydrogen in the energy mix still achievable?
- Latest corridor updates across the continent building up the EHB
- Navigating the challenges in creating a European and global market for renewable hydrogen
- Hydrogen initiatives to keep European countries competitive through the Clean Industrial Deal
- Policies supporting R&D in hydrogen tech

Moderator

Noe van Hulst, Vice Chair, IPHE; Hydrogen Advisor, IEA & Gasunie

Panellists

H.E. Sophie Hermans, Minister of Climate Policy & Green Growth, Government of The Netherlands

H.E. Airidas Daukšas, Vice Minister of Energy, Government of Lithuania

H.E. Angus Robertson, Cabinet Secretary for Constitution, External Affairs & Culture, Government of Scotland

11:00 NETWORKING COFFEE BREAK

11:30 **SESSION 9: THE ROLE OF LOW CARBON HYDROGEN & CCS IN THE GLOBAL HYDROGEN MARKET**

- Latest technology and policy developments driving low carbon hydrogen projects
- How can low carbon hydrogen be an enabler for H2 demand and infrastructure development?
- Deployment of CCUS technologies to decarbonise existing hydrogen markets
- Overcoming water management challenges across varying geographies

Moderator

Mathilde Blanchard, Senior Policy Lead, **Global CCS Institute**

Panellists

Ole Skatka Jensen, Vice President, Europe, Middle East & Africa, **Nikkiso Clean Energy & Industrial Gases Group**

Dr Eugene McKenna, Sustainable Technologies Director, **Johnson Matthey**

Stefanie Murphy, Director of Hydrogen and Industrial Carbon Capture, **UK Government Senior Representative, Environmental Defense Fund**

Senior Representative, Sonatrach

12:15 **SPOTLIGHT: Namibia Green Hydrogen Programme**

James Mnyupe, Head of Programme, **Namibia Green Hydrogen Programme (NGH2P)**

12:25 **SESSION 10: SCALING UP RENEWABLE HYDROGEN PRODUCTION & REDUCING COSTS**

- Insights from affordable projects delivering efficiencies and layering support mechanisms
- Partnerships enabling the scale up of renewable energy capacity to meet increasing demand including from Hydrogen production
- Creating an integrated energy system with RE, electrolysis and storage
- Benefits, challenges and cost analysis of producing renewable hydrogen with on/off grid renewable energy
- Where is greater regulatory support needed to unlock project finance and development?

Moderator

Eng. Nawal Alhanea, Director of Future Energy Department, Ministry of Energy and Infrastructure, **UAE**

Panellists

Alexey Ustinov, SVP Sustainable Energy Systems, **Siemens Energy**

John Gunn, Global Manager of Operations, Energy Transition, **Bechtel**

Dr Narin Phoawanich, Deputy Governor- Fuel, **Electricity Generating Authority of Thailand (EGAT)**

Jason Mortimer, SVP, Global Commercial, **Electric Hydrogen**

Richard Colwill, Head of Engineering & Innovation, **InterContinental Energy**

13:10 **NETWORKING LUNCH**

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14:10 **SESSION 11: ELECTROLYSER & FUEL CELL BREAKTHROUGHS: INNOVATIONS & SCALING UP**

- Latest tech innovations driving electrolyser and fuel cell efficiencies
- Public-Private strategies to scale up electrolyser capacity and enable cost reductions in a hydrogen economy
- Critical raw material supply risks and bottlenecks for current and future H2 technology development
- Risk sharing to overcome bankability challenges especially regarding track record and operating data
- Manufacturing automation to enable volume and ecosystems
- Grid integration of hydrogen electrolysers: opportunities and challenges
- Contractual guarantees and insurance lessons to date

Moderator

Dr. Emma Guthrie, CEO, **The Hydrogen Energy Association**

Panellists

Björn Ledergerber, Senior Vice President, **SFC**

Jerome Henry, Hydrogen Global Center of Competence Manager, **Hitachi Energy**

Dr Peter Pötschacher, Vice President Region EU & Middle East, **ITM Power**

Senior Representative, **Envision Energy**

Daniel Tas Sandermann, Chief Commercial Officer, **Hysata**

14:55 **SPOTLIGHT: HYDROGEN SAFETY BOOTCAMP & CHALLENGE: BEST PRACTICES AND STANDARDS**

Test yours and your team's understanding of hydrogen safety at this interactive session designed to challenge your assumptions and inform your operations. Bring your colleagues and refreshments!

- Global codes and standards to safely build, maintain and operate equipment, systems and facilities
- Rewarding a safety culture as a cornerstone for industry-wide success
- Reporting, analysing and sharing case studies to build trust and maintain continual learning

15:15 **NETWORKING COFFEE BREAK**

15:45 SESSION 12: NAVIGATING TODAY'S CHALLENGES: DELIVERING SUCCESSFUL HYDROGEN PROJECTS

- Current projects successfully navigating macroeconomic pressures in the day-to-day: inflation, interest rates, supply chain shortages, energy and electrolyser costs, workforce limitations.
- Strategies to create certainty in turbulent market conditions
- Mitigating regulatory challenges to maintain project bankability

Moderator

Ivana Jemelkova, CEO, Hydrogen Council

16:30 SESSION 13: WHAT'S ON THE HYDROGEN HORIZON? OUTLOOK FOR THE FUTURE OF HYDROGEN

- Action points and priorities from the past 3 days of strategic discussions highlighting how World Hydrogen Summit will catalyse the hydrogen market activation in line with climate goals
- Revising and adapting 2030 targets to reach 2050 goals: What are the key changes needed?
- The next 5 years' industry milestones and success roadmaps

17:15 END OF SUMMIT DAY 3

17:30 CLOSING SPEECHES ON EXHIBITION H2 TECH STAGE

19:00 EXHIBITION CLOSURES / END OF WORLD HYDROGEN 2025