



# **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*



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

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## 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. Kgositso Ramokgopa**, Minister of Electricity and Energy, **Government of South Africa**
3. **H.E. Diego Pardow**, Minister of Energy, **Government of Chile**
4. **H.E. Fernanda Cardona**, Minister of Industry, Energy & Mining, **Government of Uruguay**
5. **Hon. Amber-Jade Sanderson**; Minister for Energy and Decarbonisation, Manufacturing, Skills and TAFE, and the Pilbara; **Government of Western Australia**
6. **H.E. Airidas Daukšas**, Vice Minister of Energy, **Government of Lithuania**
7. **H.E. Santosh Kumar Sarangi**, Secretary, Ministry of New & Renewable Energy, **Government of India**
8. **H.E. Mohsin Al Hadhrami**, Undersecretary of Energy & Minerals, **Sultanate of Oman**
9. **Arne Weverling**, Regional Minister, **Province of Zuid-Holland**
10. **Maciej Ciszewski**, Head of Unit, Diversification & Joint Purchasing, DG Energy, **European Commission**
11. **Dr. Zeid Al Ghareeb**, General Manager of Hydrogen and Carbon Circular Economy, **Ministry of Energy of The Kingdom of Saudi Arabia**
12. **Shinichi Kihara**, Director General for International Policy on Carbon Neutrality, **Ministry of Economy, Trade and Industry, JAPAN**
13. **Dr. Philipp Steinberg**, Director General of Economic Stabilisation, Energy Security, Gas and Hydrogen Infrastructure, Federal Ministry for Economic Affairs and Energy, **Government of Germany**
14. **Stefanie Murphy**, Director of Hydrogen and Industrial Carbon Capture, **UK Government**
15. **Kim JaeHong**, President & CEO, **Korea Hydrogen Alliance (H2Korea)**
16. **Carola Schouten**, Mayor, **City of Rotterdam**
17. **Cllr. Phillippus A. Balhao**, Mayor of Lüderitz, **Namibia**
18. **Linda Wagner**, Deputy Mayor for Environment, Climate, Health, Consumer Protection and Culture, **City of Duisburg**
19. **Dr Christian Storost**, Head Division Intl. H2 Ramp-up, **German Federal Ministry for Economic Affairs & Energy**
20. **Dr Caroline Kollau**, Deputy DG Climate & Energy, Ministry of Climate Policy & Green Growth, **the Netherlands**
21. **Boudewijn Siemons**, Chief Executive Officer, **Port of Rotterdam**
22. **Berte Simons**, COO, **Port of Rotterdam**
23. **Duna Uribe**, Programme Manager Clean Ammonia, **Port of Rotterdam**
24. **Naomi van den Berg**, Program Manager Sustainable Supply Chains, **Port of Rotterdam**
25. **Carlos Barrasa**, EVP Commercial & Clean Energies, **Moeve**
26. **Ivo Bols**, President, Europe and Africa, **Air Products**
27. **Caroline Stancell**, Executive Director of Hydrogen, Europe & Africa, **Air Products**
28. **Anouck Massant**, Director Hydrogen for Mobility Northern Continent & European Strategy, **Air Products**
29. **Alexander Tancock**, CEO & Chairman of the Board, **InterContinental Energy**

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

30. **Richard Colwill**, Head of Engineering and Innovation, **InterContinental Energy**
31. **Andrew Beard**, President of Hydrogen, **Shell**
32. **Suhail Kak**, Hydrogen EU Venture Director, **Shell**
33. **Dr. Werner Ponikwar**, CEO, **thyssenkrupp nucera**
34. **Ivana Jemelkova**, CEO, **Hydrogen Council**
35. **Dr. David Burns**, Vice President Clean Energy, **Linde**
36. **Jan Taschenberger**, COO New Green Power & Gas, **Uniper**
37. **Timo Bollerhey**, CEO, **Hintco GmbH**
38. **Alexey Ustinov**, SVP Sustainable Energy Systems, **Siemens Energy**
39. **Christian Belting-Clar**, Head of Applied H2 Compression, **Siemens Energy**
40. **Vibeke Rasmussen**, SVP Product Management and Certification, **Yara Clean Ammonia**
41. **Erwin Penfornis**, Vice President Hydrogen Energy World Business Line, **Air Liquide**
42. **Dr. Eugene McKenna**, SVP Hydrogen & Sustainable Technologies, **Johnson Matthey**
43. **Jorge Palomar Herrero**, Global Hydrogen Development Director, **Iberdrola**
44. **María Sicilia**, Co-Chairwoman, **European Hydrogen Backbone**, Director, Investment Planning & Control, **Enagás**
45. **Ramon van den Dungen**, Managing Director Energy Sector Coverage, Hydrogen Lead The Netherlands, **ING**
46. **Henry Rushton**, Director, Energy Sector Coverage, Hydrogen EMEA Lead, **ING Bank**
47. **Jason Mortimer**, SVP, Global Commercial, **Electric Hydrogen**
48. **Frank Yu**, Senior Vice President, Head of Hydrogen Product Line, **Envision Energy**
49. **Torben Hvid Larsen**, Chief Technology and Operations Officer, **Green Hydrogen Systems**
50. **Pierre-Etienne Franc**, CEO, **Hy24**
51. **Björn Ledergerber**, Senior Vice President, **SFC**
52. **Mohammad Abdelqader El Ramahi**, Chief Green Hydrogen Officer, **Masdar**
53. **Damien Eyriès**, Chief Executive Officer, **Rely**
54. **James Mnyupe**, Head of Programme, **Namibia Green Hydrogen Programme (NGH2P)**
55. **Occo Roelofsen**, CEO, **Power2X**
56. **Ole Skatka Jensen**, Vice President, Europe, Middle East & Africa, **Nikkiso Clean Energy & Industrial Gases Group**
57. **Maribel Rodríguez Olmo**, Hydrogen Business Director, **Repsol**
58. **John Gunn**, Global Manager of Operations, Energy Transition, **Bechtel**
59. **Dr Steven Hamburg**, Chief Scientist, **Environmental Defense Fund**
60. **Beth Trask**, Vice President, Global Energy Transition, **Environmental Defense Fund**
61. **Baishakhi Bhattacharyya**, Growth Leader - Sustainable Fuels and Chemicals (EMEA Region), **Honeywell**
62. **Nikunj Panchal**, Global Vice President of Energy, Infrastructure Transition, **Ricardo**
63. **Olivia Carpenter-Lomax**, Head of Sustainable Energy Systems, **Ricardo**
64. **Matthew Hingerty**, Deputy Chairman, Deputy CEO, Head of Business Development, **Star Scientific Limited**
65. **Michèle Azalbert**, Chief Hydrogen Officer, Hydrogen, **Gentari**
66. **Dr. Hans Dieter Hermes**, Executive Vice President Hydrogen & Clean Energies, **SEFE Securing Energy for Europe GmbH**
67. **Alicia Eastman**, Managing Director, **APC Investors**, Co-Founder & Board Director, **InterContinental Energy**

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

68. **Alex MacIntosh**, Director Business Development and Transactions, **Australian Renewable Energy Agency (ARENA)**
69. **Taco Hoencamp**, Business Development Director New Energy, **Royal HaskoningDHV**
70. **Xander Japin**, Sr. Business Developer Hydrogen & CO<sub>2</sub>, **VTI BV**
71. **Keith Croysdale**, Business Development Manager, **Luxfer Gas Cylinders Europe**
72. **Jorgo Chatzimarkakis**, CEO, **Hydrogen Europe**
73. **Dr. Laurent Antoni**, Executive Director, **IPHE**
74. **Susana Moreira**, Executive Director, Co-chair, **H2Global Foundation**
75. **Pauline Raabe**, Project Manager, **H2Global Foundation**
76. **Jerome Henry**, Hydrogen Global Center of Competence Manager, **Hitachi Energy**
77. **Rotem Arad**, Chief Business Officer, **H2Pro**
78. **Emilie Hoogsteden**, CEO, **Sohar Port & Free Zone**
79. **Eng. Nawal Alhanaee**, Director of Future Energy Department, Ministry of Energy and Infrastructure, **UAE**
80. **Tim Hard**, SVP Energy Transition, **Argus**
81. **Ahmed Saad**, CEO, **SCZONE**
82. **Willemien Terpstra**, CEO, **Gasunie**
83. **Dr Ralf Schaaf**, Chief Technology Officer, **First Ammonia**
84. **Dr Jehan Kanga**, Founder & CEO, **RUX Energy**
85. **Kristjana M. Kristjánsdóttir**, CCO, **Carbon Recycling International**
86. **Jay Chang**, President & CEO, **Hyundai Motor Company**
87. **Marcel Galjee**, Chief Strategy Officer, **HyCC**
88. **Dr Peter Pötschacher**, Vice President Region EU & Middle East, **ITM Power**
89. **Matthew Tinari**, Chief Financial Officer and Chief Strategy Officer, **EverWind Fuels**
90. **Jolanda Stevens**, Program Manager for Zero Emissions Aviation, **KLM Royal Dutch Airlines**
91. **Alasdair Leapman**, Director, European Sales Applications, **Plug Power**
92. **Stefan Fenchel**, Project Manager Sustainability BMW Group Plant Leipzig, **BMW Group**
93. **Dr Andreas Lehmann**, CEO **Hydrogenious LOHC Technologies**
94. **Daniel Tas Sandermann**, Chief Commercial Officer, **Hysata**
95. **Dr Dimitrios Dimitriou**, Group Vice President ESG & Sustainability, **EMSTEEL Group**
96. **Ralph de Haan**, Partner, **MarineFifty**
97. **Youcef Khanfar**, Central Director Green & Renewable Energies, **Sonatrach**
98. **Nick Barilo**, Executive Director, **Center for Hydrogen Safety (CHS)**
99. **Mathilde Blanchard**, Senior Policy Lead, **Global CCS Institute**
100. **Clare Jackson**, Chief Executive, **Hydrogen UK**
101. **Noe van Hulst**, Vice Chair, **IPHE**; Hydrogen Advisor, **IEA & Gasunie**
102. **Dr Emma Guthrie**, CEO, **The Hydrogen Energy Association**
103. **Trevor Brown**, Executive Director, **Ammonia Energy Association**

# SUMMIT DAY ONE

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## 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**

**09:25 KEYNOTE ADDRESSES**

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

**10:00 FIRESIDE CHAT: THE ROLE OF GREEN HYDROGEN IN REVITALIZING EUROPEAN COMPETITIVENESS AND ADVANCING DECARBONIZATION**

- **Carlos Barrasa**, EVP Commercial & Clean Energies, **Moeve**
- **Dr. Philipp Steinberg**, Director General of Economic Stabilisation, Energy Security, Gas and Hydrogen Infrastructure, Federal Ministry for Economic Affairs and Energy, **Government of Germany**
- **Dr Gokce Mete**, Senior Partnership Manager, **Vattenfall**, Co-founder & Board Member, **Women in Green Hydrogen**

**10:20 FIRESIDE CHAT: STATE OF THE INDUSTRY**

- **Ivana Jemelkova**, CEO, **Hydrogen Council**
- **Pierre-Etienne Franc**, CEO, **Hy24**

**10:35 NETWORKING COFFEE BREAK**

Hosted by





## 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**, Managing Director, **APC Investors**, Co-Founder & Board Director, **InterContinental Energy**

### **Panellists**

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

**H.E. Fernanda Cardona**, Minister of Industry, Energy & Mining, **Government of Uruguay**

**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**

## 12:00 **SPOTLIGHT: HYDROGEN'S PATH TO REALITY: SCALING WITH DISCIPLINE, POLICY, & PARTNERSHIP**

### **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**

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### 13:10 NETWORKING LUNCH

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### 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

**Olivia Carpenter-Lomax**, Head of Sustainable Energy Systems, **Ricardo**

#### Panellists

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

**Occo Roelofsen**, 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

Hosted by



## 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**

**Sjoerd Boer**, Vice President New Energies, **Advorio**

### **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, **VTI BV**

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

## 16:45 **END OF SUMMIT DAY 1**

## 17:00 **EXHIBITION OPENING & AWARDS CEREMONY**

The World Hydrogen Awards celebrates the exceptional achievements from companies and individuals who are driving the hydrogen industry forward. Their accomplishments deserve well-rounded recognition, and many others will build on their successes for years to come.

Join us at the Awards Ceremony where 6 winners will be recognised in different categories for their fantastic contribution to the hydrogen industry.



**CLEAN  
PROJECT**



**INDUSTRIAL  
APPLICATION**



**FUTURE  
LEADER**



**HYDROGEN  
TRANSPORT**



**PORT OF  
THE FUTURE**



**PERSON OF  
THE YEAR**

## 19:00 **EXHIBITION CLOSING / CLOSE OF DAY 1**

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## SUMMIT DAY TWO

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### WEDNESDAY 21 MAY

**08:00 WELCOME BREAKFAST**

**09:00 WELCOME ADDRESSES**

**Hon. Amber-Jade Sanderson**; Minister for Energy and Decarbonisation, Manufacturing, Skills and TAFE, and the Pilbara; **Government of Western Australia**

**09:15 MINISTERIAL KEYNOTE ADDRESSES**

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

**09:30 SPOTLIGHT: HINTCO AUCTIONS, 2<sup>ND</sup> H2 GLOBAL TENDER**

**Timo Bollerhey**, CEO, Hintco GmbH

**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**

**Senior Representative, Moeve**

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

**Speaker**

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

**10:55 NETWORKING COFFEE BREAK**

**11:25 SPOTLIGHT: ENVIRONMENTAL DEFENSE FUND**

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

**Dr Steven Hamburg, Chief Scientist, Environmental Defense Fund**

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

**Dr Andreas Lehmann, CEO Hydrogenious LOHC Technologies  
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
- CO<sub>2</sub>-based hydrogen derivatives and policies for sustainable carbon sources
- Developing domestic production capacity to reduce import dependency for existing end-use cases

**Moderator**

**Trevor Brown, Executive Director, Ammonia Energy Association**

**Panellists**

**Duna Uribe, Programme Manager Clean Ammonia, Port of Rotterdam**

**Kristjana M. Kristjánsdóttir, CCO, Carbon Recycling International**

**Matthew Tinari, Chief Financial Officer and Chief Strategy Officer, EverWind Fuels**

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### 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**

**Jay Chang**, President & CEO, **Hyundai Motor Company**

### 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

**Emilie Kaern**, Lead, Transitioning Industrial Clusters, **World Economic Forum**

#### Panellists

**Berte Simons**, COO, **Port of Rotterdam**

**Emile Hoogsteden**, CEO, **Sohar Port & Free Zone**

**Ahmed Saad**, CEO, **SCZONE**

### 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**

**Dr Dimitrios Dimitriou**, Group Vice President ESG & Sustainability, **EMSTEEL Group**

**Ralph de Haan**, Partner, **MarineFifty**

**Alasdair Leapman**, Director, European Sales Applications, **Plug Power**

## 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

### **Moderator**

**Clare Harris**, Executive Director, **Power2X**

### **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 Spearheading Hydrogen Development**

### **Moderator**

### **Panellists**

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

**Cllr. Phillippus A. Balhao**, Mayor of Lüderitz, **Namibia**

**Linda Wagner**, Deputy Mayor for Environment, Climate, Health, **Consumer Protection and Culture**, **City of Duisburg**

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

## 18:30 **HYDROGEN SOCIAL RECEPTION**

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## SUMMIT DAY THREE

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### THURSDAY 22 MAY

08:30 **WELCOME BREAKFAST**

09:30 **WELCOME ADDRESS**

**Arne Weverling**, Regional Minister, **Province of Zuid-Holland**

09:40 **MINISTERIAL KEYNOTE ADDRESS**

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

09:50 **SPOTLIGHT: TWO EUROPEAN MECHANISMS, ONE GOAL: ACCELERATING HYDROGEN MARKET DEPLOYMENT**

#### **Moderator**

**Dr Caroline Kollau**, Deputy DG Climate & Energy, Ministry of Climate Policy & Green Growth, the Netherlands

#### **Panellists**

**Maciej Ciszewski**, Head of Unit, Diversification & Joint Purchasing, DG Energy, **European Commission**

**Dr Christian Storost**, Head Division Intl. H2 Ramp-up, **German Federal Ministry for Economic Affairs & Energy**

**Pauline Raabe**, Project Manager, **H2Global Foundation**

10:15 **EUROPEAN HYDROGEN POLICIES**

- 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. Airidas Daukšas**, Vice Minister of Energy, **Government of Lithuania**

**Gijs Postma**, Deputy Director, Ministry of Climate and Green Growth, **Dutch Government**

**Dr. Christine Falken-Grosser**, Head of Division, Hydrogen – Coordination, Federal Ministry for Economic Affairs and Climate Action, **Government of Germany**

**Maciej Ciszewski**, Head of Unit, Diversification & Joint Purchasing, DG Energy, **European Commission**

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



**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**, SVP Hydrogen & Sustainable Technologies, **Johnson Matthey**

**Stefanie Murphy**, Director of Hydrogen and Industrial Carbon Capture, **UK Government**

**Yousef Khanfar**, Central Director Green & Renewable Energies, **Sonatrach**

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

**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 Alhanaee**, 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**

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

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

**Frank Yu**, Senior Vice President, Head of Hydrogen Product Line, **Envision Energy**

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### 13:10 NETWORKING LUNCH

### 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
- Manufacturing automation to enable volume and ecosystems
- Grid integration of hydrogen electrolysers: opportunities and challenges
- Risk sharing to overcome bankability challenges especially regarding track record and operating data
- 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**

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

**Rotem Arad**, Chief Business Officer, **H2Pro**

### 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

#### Speaker

**Nick Barilo**, Executive Director, **Center for Hydrogen Safety (CHS)**

### 15:15 NETWORKING COFFEE BREAK

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

**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 we 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

**Panellists**

**Willemien Terpstra, CEO, Gasunie**

**Dr Ralf Schaaf, Chief Technology Officer, First Ammonia**

**Dr Jehan Kanga, Founder & CEO, RUX Energy**

**17:15 END OF SUMMIT DAY 3**

**17:30 CLOSING SPEECHES ON EXHIBITION H2 TECH STAGE**

**19:00 EXHIBITION CLOSES / END OF WORLD HYDROGEN 2025**