



WORLD HYDROGEN 2024

SUMMIT & EXHIBITION

13-15 MAY 2024

ROTTERDAM AHOY, NETHERLANDS

IN PARTNERSHIP WITH:



Government of the Netherlands



provincie
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City of
Rotterdam



Port of
Rotterdam

THE OFFICIAL WORLD HYDROGEN SUMMIT IN ROTTERDAM

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CONFIRMED SPEAKERS

1. **H.E. Rob Jetten**, Minister for Climate and Energy Policy, **Government of the Netherlands**
2. **H.E. Leonore Gewessler**, Federal Minister for Climate Action, Environment, Energy, Mobility, Innovation and Technology, **Austria**
3. **Sang Hyup Kim**, Co-Chairperson, Presidential Commission on Carbon Neutrality and Green Growth, **Republic of Korea**
4. **H.E. Elisa Facio**, Minister of Industry, Energy and Mining, **Government of the Republic of Uruguay**
5. **H.E. Rosilena Lindo**, Secretary of Energy, **Government of Panama**
6. **Mr. Shin Hosaka**, Vice-Minister for International Affairs, **METI**
7. **Hon. Tom Koutsantonis MP**, Minister for Energy and Mining, **Government of South Australia**
8. **Dr. Michel Heijdra**, Vice Minister for Climate & Energy, **Ministry of Economic Affairs and Climate Policy, Government of The Netherlands**
9. **Karlo van Dam**, Director of Sustainable Industry, Ministry of Economic Affairs and Climate Policy, **Government of The Netherlands**
10. **Stefanie Murphy**, Director of Hydrogen and Industrial Carbon Capture, **UK Government**
11. **Christian Maaß**, Director General Heat, Hydrogen and Efficiency, Federal Ministry for Economic Affairs and Climate Action, **Government of Germany**
12. **Dr. Philipp Steinberg**, Director General of Economic Stabilisation, Energy Security, Gas and Hydrogen Infrastructure, Federal Ministry for Economic Affairs and Climate Action, **Government of Germany**
13. **Frederik Zevenbergen**, Regional Minister, **Province of Zuid-Holland**
14. **Ahmed Aboutaleb**, Mayor, **City of Rotterdam**
15. **Anna Shpitsberg**, Deputy Assistant Secretary, **U.S. Department of State**
16. **Thomas Schauf**, Director (Geschäftsführer), **Metropolregion Rheinland**
17. **Boudewijn Siemons**, Chief Executive Officer and Interim COO, **Port of Rotterdam**
18. **Martijn Coopman**, Program Manager International Hydrogen Supply Chains, **Port of Rotterdam**
19. **Randolf Weterings**, Programme Manager, Hydrogen, **Port of Rotterdam**
20. **Nico van Dooren**, Head of Business Development, **Port of Rotterdam**
21. **Jeroen Steens**, Commercial Delivery Director, **Port of Rotterdam**
22. **Christian Pho Duc**, Chief Technology Officer, **Smartenergy**
23. **Pedro Campos**, Director Business Development H2 and eSAF, **Smartenergy**
24. **Fiona Simon**, CEO, **Australian Hydrogen Council (AHC)**

25. **Ann-Kathrin Lipponer**, Associate Programme Officer, **IRENA**
26. **Alicia Eastman**, Co-host, **Everything About Hydrogen**, Co-Founder and Board Member, **InterContinental Energy**
27. **Daria Nochevnik**, Director for Policy and Partnerships, **Hydrogen Council**
28. **Clare Jackson**, CEO, **Hydrogen UK**
29. **Sonia Maleky**, Director of Hydrogen Technology, **Microsoft**
30. **Kajsa Ryttberg Wallgren**, Executive Vice President, Growth & Hydrogen Business, **H2 Green Steel**
31. **Noé van Hulst**, Vice-Chair, **IPHE**, Hydrogen Advisor, **IEA & Gasunie**
32. **Ivo Bols**, President, Europe and Africa, **Air Products**
33. **Caroline Stancell**, Executive Director of Hydrogen, Europe & Africa, **Air Products**
34. **Anouck Massant**, Hydrogen for Mobility Business Manager Northern Europe, **Air Products**
35. **Steve Hamburg**, Chief Scientist, **Environmental Defense Fund**
36. **Ilissa Ocko**, Climate Scientist II, **Environmental Defense Fund**
37. **Mark Brownstein**, Senior Vice President, **Environmental Defense Fund**
38. **Felipe Arbelaez**, Senior Vice President Hydrogen & CCS, **bp**
39. **Audrey Megill**, VP for Projects New Energy, **bp**
40. **Simon Herbert**, Vice President, EAME, **ExxonMobil | Low Carbon Solutions**
41. **Bert De Backker**, Policy & Strategy Manager, EAME, **ExxonMobil | Low Carbon Solutions**
42. **Dr. Nikunj Gupta**, VP, New Energies and Technical Projects Division, **ADNOC**
43. **Thomas Pasfield**, VP, Hydrogen Business Development, **ADNOC**
44. **Nizam Salem**, Director, Projects Development and Execution, Masdar Green Hydrogen, **Masdar**
45. **Andreas Bieringer**, Director, Green Hydrogen Business Development and Commercial, Masdar Green Hydrogen, **Masdar**
46. **Laurel Broten**, CEO, **Invest in Canada**
47. **Carlos Barrasa**, Executive VP Commercial & Clean Energies, **Cepsa**
48. **Jorge Palomar Herrero**, Global Hydrogen Development Director, **Iberdrola**
49. **David Burns**, Vice President Clean Energy, **Linde**
50. **Jeff Pollack**, Chief Strategy & Sustainability Officer, **Port of Corpus Christi Authority**
51. **Marcel Galjee**, Chief Strategy Officer, **HyCC**
52. **Willemien Terpstra**, CEO, **Gasunie**
53. **Paul Dainora**, Head of Business Development, **thyssenkrupp nucera**
54. **Christian Stuckmann**, VP Business Development Hydrogen, **Uniper Hydrogen**
55. **Kasper Tipsmark Therkildsen**, Chief Engineer of Alkaline Electrolysis, Envision Hydrogen, **Envision Energy**
56. **Peter Wagner**, CEO, **Nikkiso Clean Energy and Industrial Gases Group**

57. **Ramon van den Dungen**, Managing Director Energy Sector Coverage, Hydrogen Lead, The Netherlands, **ING**
58. **Steve Milward**, Chief Operating Officer, **8 Rivers**
59. **Douglas van der Wiel**, Chief Growth Officer, **Advario B.V.**
60. **Occo Roelofsen**, Founder, **Power2X**
61. **Taco Hoencamp**, Business Development, Hydrogen, **RHDHV**
62. **Martin van 't Hoff**, Commercial Manager Hydrogen, **Technip Energies**
63. **Damien Eyriès**, Chief Executive Officer, **Rely**
64. **Dr. Sopna Sury**, Chief Operating Officer Hydrogen, **RWE Generation SE**
65. **Rafael Fejervary**, Hydrogen Director, **SLB**
66. **John Gunn**, Global Manager of Operations, Energy Transition, **Bechtel**
67. **Fabian Jochem**, Head of Power-to-Gas Sales, **SMA Altensio GmbH**
68. **Dr Dean Bialek**, Chief Officer, External Relations & Government Affairs, **CWP Global**
69. **Anders Lundquist**, Business Development Manager, **TechnipFMC**
70. **Sanjeev Gupta**, CEO, **GFG Alliance**
71. **Andreas Lippert**, Vice President and General Manager Electrolyzers, **Accelera by Cummins**
72. **Lotte Rosenberg**, Chief Executive Officer, **Carbon Recycling International**
73. **Mattijs Slee**, CEO, **Battolyser Systems**
74. **Alan Hayes**, Global Head of Pricing for Energy Transition, **S&P Global Commodity Insights**
75. **Tamme Mekkes**, Business Development Director, **Koole Terminals**
76. **Dr. Peter Podesser**, Chief Executive Officer (CEO), Board Chairman, **SFC**
77. **Shaun Gregory**, EVP New Energy, **Woodside Energy**
78. **Alex MacIntosh**, Director Business Development and Transactions, **Australian Renewable Energy Agency (ARENA)**
79. **Alana Barlow**, Deputy Director-General, Hydrogen and Future Fuels, **Queensland Government**
80. **Luc Kox**, Chief Commercial Officer, **Hazer Group**
81. **Steve Quilter**, Executive General Manager, Growth and Future Energy, **Stanwell Corporation**
82. **Jop van Hattum**, Managing Director, **Theia Energy**
83. **Koos-Jan van Brouwershaven**, CEO, **H2 Fuel**
84. **Darren A Dale**, Director of Product Management, **Xylem**
85. **Michel Erades**, Senior Director Global Energy Transition, **McDermott**
86. **Eng. Abdulaziz Al Shidhani**, Managing Director, **Hydrom**
87. **Ines Kraft**, Director Project Procurement Supply Chain Management, **Sunfire**
88. **Gonzalo Moyano**, CEO, **MAE**
89. **Dr. Hans Dieter Hermes**, Executive Vice President Hydrogen & Renewable Energies, **SEFE Securing Energy for Europe GmbH**

90. **David Bow**, CCO, **Verdagy**
91. **Mark Hutchinson**, Chief Executive Officer, **Fortescue Energy**
92. **Maribel Rodríguez Olmo**, Responsible of Hydrogen Business, **Repsol**
93. **Dr Marc Isabelle**, Director & CEO, **european economics**
94. **Angie Salom**, Manager Energy, Latin America & Caribbean, **FMO**
95. **Michael Jones**, Business Development Manager, Low Carbon Solutions, **Sempra Infrastructure**
96. **Omar Shkeir**, Head of Business Development - EMEA, **Electric Hydrogen**
97. **Alexander Kotschi**, Country Market Director Energy - Germany, **Ramboll**
98. **Eva Ravn Nielsen**, Global Adviser, Power-to-X, **Ramboll**
99. **Tim Hard**, SVP Energy Transition, **Argus**
100. **Dr Minh Khoi Le**, Vice President, Head of Hydrogen Research, **Rystad Energy**
101. **Christopher Hebling**, Director International, **Fraunhofer Institute for Solar Energy Systems ISE**
102. **Rene Peters**, Business Director Gas Technology, **TNO**
103. **Jan Strybol**, Deputy General Secretary, **EIGA**
104. **Laurent Antoni**, Executive Director, **IPHE**
105. **Madadh MacLaine**, Secretary General, **Zero Emissions Ship Technology Association**
106. **Celia Greaves**, CEO, **Hydrogen Energy Association**
107. **Bart Biebuyck**, CEO, **Green Energy Park**
108. **Hadi Hajibeygi**, Professor of Geo-Energy Solid and Fluid Mechanics, **TU Delft**
109. **Alexander Garbar**, Head of Corporate Development and Strategy, **Duisburger Hafen AG**
110. **Dirk Rabelink**, CEO, **ULC-Energy**
111. **Susana Moreira**, Executive Director, Co-chair, **H2Global Foundation**
112. **Paul Lucchese**, Chair, **IEA Hydrogen TCP**
113. **Fernanda Delgado**, CEO, **ABIHV - Brazilian Green Hydrogen Industry Association**

SUMMIT DAY ONE

MONDAY 13 MAY

07:30 WELCOME BREAKFAST & REGISTRATION

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08:30 SUMMIT WELCOME ADDRESS

Speakers

- **Rob Arthur**, Director of Partnerships, **Sustainable Energy Council**
- Master of Ceremonies: **Simone van Trier**
- **H.E. Rob Jetten**, Minister for Climate and Energy Policy, **Government of the Netherlands**
- **Frederik Zevenbergen**, Regional Minister, **Province of Zuid-Holland**
- **Ahmed Aboutaleb**, Mayor, **City of Rotterdam**
- **Boudewijn Siemons**, Chief Executive Officer and Interim COO, **Port of Rotterdam**

09:15 KEYNOTE ADDRESSES

- **Christian Pho Duc**, Chief Technology Officer, **Smartenergy**
- **Ivo Bols**, President, Europe and Africa, **Air Products**

09:45 **SESSION 1: Leading Global Hydrogen Projects**

- Current projects underway leading developments
- Lessons learnt to date from global trade
- Policies incentivising demand towards a profitable energy transition
- Will we achieve the 10+10 MTPA by 2030 in Europe?

Moderator

Dr Dean Bialek, Chief Officer, External Relations & Government Affairs, **CWP Global**

Panellists

Simon Herbert, Vice President, EAME, **ExxonMobil | Low Carbon Solutions**

Dr. Nikunj Gupta, VP, New Energies and Technical Projects Division, **ADNOC**

Carlos Barrasa, Executive VP Commercial & Clean Energies, **Cepsa**

Paul Dainora, Head of Business Development, **thyssenkrupp nucera**

Christian Stuckmann, VP Business Development Hydrogen, **Uniper Hydrogen**

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

10:45 **NETWORKING COFFEE BREAK**

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11:15 **SPOTLIGHT:** International Hydrogen Trade Forum

- Findings of the corridor study and priority actions to accelerate cross border trade of hydrogen derivatives.

Moderator

Daria Nochevnik, Director for Policy and Partnerships, **Hydrogen Council**

Panellists

H.E. Rob Jetten, Minister for Climate and Energy Policy, **Government of the Netherlands**

H.E. Leonore Gewessler, Federal Minister for Climate Action, Environment, Energy, Mobility, Innovation and Technology, **Austria**

Boudewijn Siemons, Chief Executive Officer and Interim COO, **Port of Rotterdam**

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

12:00 **SPOTLIGHT:** The Netherlands to Germany Hydrogen Corridor

Speakers

- **Dr. Michel Heijdra**, Vice Minister for Climate & Energy, **Ministry of Economic Affairs and Climate Policy, Government of The Netherlands**
- **Christian Maaß**, Director General Heat, Hydrogen and Efficiency, Federal Ministry for Economic Affairs and Climate Action, **Government of Germany**
- **Dr. Philipp Steinberg**, Director General of Economic Stabilisation, Energy Security, Gas and Hydrogen Infrastructure, Federal Ministry for Economic Affairs and Climate Action, **Government of Germany**

12:15 **SESSION 2:** Harnessing Hydrogen to Decarbonise Hard to Abate Sectors

- The future vision for a decarbonised world
- Public and private sector collaboration to decarbonise heavy industries
- Addressing suitability in diverging industries and applications
- Power-to-x opportunities beyond hydrogen to enable cross sector decarbonisation
- Off takers lessons learned to date and priorities

Keynote Address

Felipe Arbelaez, Senior Vice President Hydrogen & CCS, **bp**

Moderator

Occo Roelofsen, Founder, **Power2X**

Panellists

Felipe Arbelaez, Senior Vice President Hydrogen & CCS, **bp**

Taco Hoencamp, Business Development, Hydrogen, **RHDHV**

Kajsa Ryttberg Wallgren, Executive Vice President, Growth & Hydrogen Business, **H2 Green Steel**

Michel Erades, Senior Director Global Energy Transition, **McDermott**

Omar Shkeir, Head of Business Development - EMEA, **Electric Hydrogen**

Maribel Rodríguez Olmo, Responsible of Hydrogen Business, **Repsol**

13:30 NETWORKING LUNCH

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14:30 SESSION 3: Hydrogen Transportation, Distribution and Storage

- Supply Chain integration to develop hydrogen ecosystems
- Building trust with customers to enable scaling up
- Developing transportation and distribution efficiencies for cost reduction
- Underground hydrogen storage to allow for scaling-up the hydrogen economy

Presentation

Willemien Terpstra, CEO, **Gasunie**

Moderator

Paul Lucchese, Chair, **IEA Hydrogen TCP**

Panellists

Willemien Terpstra, CEO, **Gasunie**

Peter Wagner, CEO, **Nikkiso Clean Energy and Industrial Gases Group**

Dr. Sopna Sury, Chief Operating Officer Hydrogen, **RWE Generation SE**

Tamme Mekkes, Business Development Director, **Koole Terminals**

Douglas van der Wiel, Chief Growth Officer, **Advario B.V.**

15:30 SPOTLIGHT: How to maximize hydrogen's climate benefits and minimize its risks

Speaker

Steve Hamburg, Chief Scientist, **Environmental Defense Fund**

15:45 SPOTLIGHT: Clean Energy Storage Solutions for a Net Zero Future

Moderator

Celia Greaves, CEO, **Hydrogen Energy Association**

Panellists

Anders Lundquist, Business Development Manager, **TechnipFMC**

Dr. Peter Podesser, Chief Executive Officer (CEO), Board Chairman, **SFC**

Hadi Hajibeygi, Professor of Geo-Energy Solid and Fluid Mechanics, **TU Delft**

16:15 NETWORKING COFFEE BREAK

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16:45 SESSION 4: Low Carbon Hydrogen Production & CCUS

- Low carbon hydrogen latest project and policy developments
- What are the barriers holding low carbon hydrogen back?
- How critical is low carbon hydrogen to meet current targets?
- CCUS as a key enabler of hydrogen demand and infrastructure development
- Utilising CCUS to decarbonise existing hydrogen markets

Moderator

Jeroen Steens, Commercial Delivery Director, **Port of Rotterdam**

Panellists

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

Steve Milward, Chief Operating Officer, **8 Rivers**

Martin van't Hoff, Commercial Manager Hydrogen, **Technip Energies**

Rafael Fejervary, Hydrogen Director, **SLB**

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John Gunn, Global Manager of Operations, Energy Transition, **Bechtel**
Lotte Rosenberg, Chief Executive Officer, **Carbon Recycling International**

17:45 SPOTLIGHT: International Power-to-X Workshop: Concluding Statement

Speakers

Dr. Christopher Hebling, Director International, **Fraunhofer Institute for Solar Energy Systems ISE**

Rene Peters, Business Director Gas Technology, **TNO**

END OF DAY 1

18:00 GALA DINNER

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SUMMIT DAY TWO

TUESDAY 14 MAY

08:00 WELCOME BREAKFAST & REGISTRATION

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8 RIVERS

08:45 OPENING KEYNOTE ADDRESSES

- **Mr. Shin Hosaka**, Vice-Minister for International Affairs, **METI**
- **Sang Hyup Kim**, Co-Chairperson, Presidential Commission on Carbon Neutrality and Green Growth, **Republic of Korea**
- **Hon. Tom Koutsantonis MP**, Minister for Energy and Mining, **Government of South Australia**

09:45 SESSION 5: Electrolyser Developments

- Will there be enough electrolyser production capacity?
- Electrolyser giga factories: will there be enough capacity? What are the bottlenecks?
- Electrolyser advancements towards commercial scale-up & cost reduction
- Grid integration of hydrogen electrolysers

Moderator

Eva Ravn Nielsen, Global Adviser, Power-to-X, **Ramboll**

Panellists

Kasper Tipsmark Therkildsen, Chief Engineer of Alkaline Electrolysis, Envision Hydrogen, **Envision Energy**

Andreas Lippert, Vice President and General Manager Electrolysers, **Accelera by Cummins**

Mattijs Slee, CEO, **Battolyser Systems**

Fabian Jochem, Head of Power-to-Gas Sales, **SMA Altenso GmbH**

Darren A Dale, Director of Product Management, **Xylem**

10:45 NETWORKING COFFEE BREAK

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11:30 SESSION 6: Renewable Hydrogen Production

- Will there be enough green power from Wind, Solar, Hydro, Geothermal?
- Overcoming challenges in scaling up production
- What is needed to build a successful project
- Renewable power cost decline curve

Project Update

Eng. Abdulaziz Al Shidhani, Managing Director, **Hydrom**

Moderator

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

Panellists

Christian Pho Duc, Chief Technology Officer, **Smartenergy**

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

Nizam Salem, Director, Projects Development and Execution, Masdar Green Hydrogen, **Masdar**

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

Gonzalo Moyano, CEO, **MAE**

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

12:30 NETWORKING LUNCH

Sponsored by:



13:30 **SESSION 7: Financing Hydrogen Projects**

- De-risking investment opportunities to accelerate capital flow into hydrogen
- Case Studies in successful project funding and financial instruments working worldwide
- What funding opportunities are available for hydrogen projects?

Moderator

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

Panellists

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

Alan Hayes, Global Head of Pricing for Energy Transition, **S&P Global Commodity Insights**

Pedro Campos, Director Business Development H2 and eSAF, **Smartenergy**

Dr Marc Isabelle, Director & CEO, **european economics**

Angie Salom, Manager Energy, Latin America & Caribbean, **FMO**

14:15 **SPOTLIGHT: Invest in Canada**

Speakers

Laurel Broten, CEO, **Invest in Canada**

14:30 **SPOTLIGHT: Hydrogen in the Americas**

Moderator

Bart Biebuyck, CEO, **Green Energy Park**

Panellists

H.E. Elisa Facio, Minister of Industry, Energy and Mining, **Government of the Republic of Uruguay**

H.E. Rosilena Lindo, Secretary of Energy, **Government of Panama**

Anna Shpitsberg, Deputy Assistant Secretary, **U.S. Department of State**

15:15 NETWORKING COFFEE BREAK

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15:45 SPOTLIGHT

Keynote Address

Sanjeev Gupta, CEO, GFG Alliance

16:00 SESSION 8: Realising Offtake Agreements and Demand for Hydrogen Hosted by:



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- How can we bring the full supply chain to FID simultaneously?
- How can we mobilise hydrogen to ensure the survival of energy intensive industries?
- What are the obstacles to scaling up demand for hydrogen?
- How can end users position themselves optimally for the energy transition?

Moderator

Noé van Hulst, Vice-Chair, IPHE, Hydrogen Advisor, IEA & Gasunie

Panellists

Thomas Pasfield, VP, Hydrogen Business Development, ADNOC

Andreas Bieringer, Director, Green Hydrogen Business Development and Commercial, Masdar Green Hydrogen, Masdar

Sonia Maleky, Director of Hydrogen Technology, Microsoft

Shaun Gregory, EVP New Energy, Woodside Energy

Ines Kraft, Director Project Procurement Supply Chain Management, Sunfire

Damien Eyriès, Chief Executive Officer, Rely

17:00 SPOTLIGHT: Deep Dive into Australian Opportunities Panel

Moderator

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Fiona Simon, CEO, Australian Hydrogen Council (AHC)

Panellists

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

Alana Barlow, Deputy Director-General, Hydrogen and Future Fuels, **Queensland Government**

Luc Kox, Chief Commercial Officer, **Hazer Group**

Steve Quilter, Executive General Manager, Growth and Future Energy, **Stanwell Corporation**

Jop van Hattum, Managing Director, **Theia Energy**

17:45 SESSION 9: Standardization, Certification & Regulations

- Global coordination for commercial trade and carbon credits
- Global standardisation on the carbon intensity of energy molecules
- Working towards mutual recognition of certification schemes across the world to facilitate global trade

Moderator

Jan Strybol, Deputy General Secretary, **EIGA**

Panellists

Bert De Backker, Policy & Strategy Manager, **ExxonMobil | Low Carbon Solutions**

Laurent Antoni, Executive Director, **IPHE**

Ilissa Ocko, Climate Scientist II, **Environmental Defense Fund**

Ann-Kathrin Lipponer, Associate Programme Officer, **IRENA**

Daria Nochevnik, Director for Policy and Partnerships, **Hydrogen Council**

18:30 END OF DAY 2

SUMMIT DAY THREE

WEDNESDAY 15 MAY

08:00 WELCOME NETWORKING BREAKFAST

09:00 SPOTLIGHT: European Hydrogen Policies

Moderator

Clare Jackson, CEO, Hydrogen UK

Panellists

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

Karlo van Dam, Director of Sustainable Industry, Ministry of Economic Affairs and Climate Policy, Government of The Netherlands

Dr. Philipp Steinberg, Director General of Economic Stabilisation, Energy Security, Gas and Hydrogen Infrastructure, Federal Ministry for Economic Affairs and Climate Action, Germany

09:45 SESSION 10: Global Ports Leading the Energy Transition to a Hydrogen Economy

- Latest progress in the development of Europe's Hydrogen Hub
- Green Shipping Corridors as a means to accelerate the hydrogen ecosystem
- Latest updates from the U.S. Hydrogen Hubs funding
- The role of Ports in the decarbonisation of maritime and bunkering.

Moderator

Madadh MacLaine, Secretary General, Zero Emissions Ship Technology Association

Panellists

Nico van Dooren, Head of Business Development, Port of Rotterdam

Jeff Pollack, Chief Strategy & Sustainability Officer, Port of Corpus Christi Authority

Alexander Garbar, Head of Corporate Development and Strategy, Duisburger Hafen AG

10:30 NETWORKING COFFEE BREAK

11:00 SESSION 11: Decarbonising Shipping

- Projections for shipping decarbonisation
- Power-to-x pathways to decarbonise shipping
- Policies incentivising the transition to e-fuels
- The role of ammonia, methanol, liquid hydrogen, LOHC

Moderator

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

Panellists

Mark Brownstein, Senior Vice President, **Environmental Defense Fund**
Koos-Jan van Brouwershaven, CEO, **H2 Fuel**

11:45 SPOTLIGHT: State of the Industry Keynote Address

Keynote Address

Daria Nochevnik, Director for Policy and Partnerships, **Hydrogen Council**

12:00 SPOTLIGHT: Leading Cities Spearheading Hydrogen Development

Moderator

Noé van Hulst, Vice-Chair, **IPHE**, Hydrogen Advisor, **IEA & Gasunie**

Panellists

Ahmed Aboutaleb, Mayor, **City of Rotterdam**
Thomas Schauf, Director (Geschäftsführer), **Metropolregion Rheinland**

13:00 NETWORKING LUNCH

14:00 SESSION 12: An Outlook for Hydrogen's Future

- Where could the hydrogen industry be in 5-10 years?
- Bringing hydrogen projects to FID

- What are the opportunities and bottlenecks as the hydrogen industry progresses?
- How can we use what we have learned so far to accelerate the industry?

Moderator TBC

Panellists

Mark Hutchinson, Chief Executive Officer, **Fortescue Energy**

Martijn Coopman, Program Manager International Hydrogen Supply Chains, **Port of Rotterdam**

Fiona Simon, CEO, **Australian Hydrogen Council (AHC)**

David Bow, CCO, **Verdagy**

Michael Jones, Business Development Manager, Low Carbon Solutions, **Sempra Infrastructure**

14:45 **SESSION 13: Hydrogen Accelerating Sustainable Mobility**

- Latest projects and priorities to meet 2030 targets
- Cross sector collaboration to develop a hydrogen mobility ecosystem
- Timescales towards achieving net-zero long-haul mobility
- Case Studies from successful hydrogen transportation deployment to date

Moderator

Dr Minh Khoi Le, Vice President, Head of Hydrogen Research, **Rystad Energy**

Panellists

Anouck Massant, Hydrogen for Mobility Business Manager Northern Europe, **Air Products**

Manfred Schuckert, Head of Intl. Hydrogen Strategy, **Daimler**

15:30 **NETWORKING COFFEE BREAK**

16:00 **SESSION 14: Scaling Up Electrolysis for Large Scale End-Use**

- Challenges and opportunities in scaling up electrolysis
- Integrating for e-fuels, e-methanol and ammonia productions
- Considering cost externalities within CAPEX and OPEX projections
- Challenges for the Power Grid when scaling up electrolysis
- Utilising nuclear base load power for high efficiency electrolysers

Moderator

Fernanda Delgado, CEO, ABIHV - Brazilian Green Hydrogen Industry Association

Panellists

Randolf Weterings, Programme Manager, Hydrogen, Port of Rotterdam

Audrey Megill, VP for Projects New Energy, bp

Dirk Rabelink, CEO, ULC-Energy

Alexander Kotschi, Country Market Director Energy - Germany, Ramboll

17:00 END OF SUMMIT

WHAT'S ON AT WORLD HYDROGEN 2024

SUNDAY 12 MAY	MONDAY 13 MAY	TUESDAY 14 MAY	WEDNESDAY 15 MAY	THURSDAY 16 MAY
Site Visits Port of Rotterdam	Summit Day 1 Exhibition Day 1	Summit Day 2 Exhibition Day 2	Summit Day 3	Site Visits Port of Rotterdam
VIP Exhibition Opening Ceremony	H2 Tech Series Day 1	Africa Hydrogen Forum	WORLD HYDROGEN 2024 SUMMIT & EXHIBITION	
World Hydrogen Awards Ceremony	Gala Dinner	H2 Tech Series Day 2	SUMMIT 13th-15th May	
			EXHIBITION 13th-14th May	

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GET IN TOUCH WITH THE TEAM



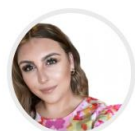
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