



European Green Ammonia Summit 2024

6-7 March 2024
Düsseldorf, Germany

Taking Action to Ensure a Sustainable and Profitable Future for Green Ammonia

Key Topics

- Clarification on Current and Future European Regulations
- Contextualising the Energy Transition
- Addressing the Effect of Globalisation on Europe
- Creating an Optimal and Efficient Value Chain
- Developments in Electrolyser Technology
- Improvements to the Symbiotic Relationship of Hydrogen and Ammonia
- Streamlining the Future of Shipping Fuel
- Assessing Changes to the Fertiliser and Resulting Agricultural Industries

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STAMICARBON

ACI's European Green Ammonia Summit 2024 will be taking place on the 6th & 7th March 2024, in Dusseldorf, Germany.

For its inaugural edition, the conference will address the industry's vital issues such as Managing Premium Renewable Energy Costs, Enhanced Benefits to the Fertiliser Market and Streamlining the Future of Shipping Fuel. Indeed, the entire value chain and intermediary steps between will be addressed to ensure the bright future of Green Ammonia.

The two day conference will bring together senior executives from Green Ammonia Producers, Renewable Energy Providers, Fuel Manufacturers, Fertiliser Producers, Supply Chain Intermediaries, as well as other influential stakeholders amongst the wider industry.



Who Will Attend?

ACI's European Green Ammonia Summit 2024 will bring together senior executives from:

- Fertiliser Producers
- Renewable Energy Suppliers
- Ship Owners
- Gas Companies
- R&D Scientists
- Association Representatives
- Regulatory & Policy Officers
- Business Development Directors
- Technical Managers
- Technology & Solution Providers
- Consultants

Registration Is Simple

If you would like to register for this event or wish to find out more information, you can contact **Marcin Janecki** using any of the following methods:

Tel: +48 61 6467047

Email: mjanecki@acieu.net

Online: <http://www.acieu.net>

Conference Fees

Conference (Includes Documentation Packet) 6th—7th March 2024	£1,895
Documentation Packet Only	£495

Members and customers of all supporting organisations are entitled to a discount off their conference package.

Discounts are available for multiple/group bookings.



Opportunities to Meet Your Target Audience:

Showcase your technologies to the industry, with opportunities to demonstrate the capabilities of your latest products and services. Companies can gain direct access to our senior level audience and have an increased level of visibility and exposure through branding and networking at the conference. This will allow you to attract new business and forge lasting commercial relationships.

For information on available commercial opportunities, please contact:

Abhishek Shankar

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Düsseldorf, Germany

DAY 1

Wednesday 6th March 2024

08:00 **REGISTRATION & COFFEE**

09:00 **CHAIR'S OPENING REMARKS**



Hans Vrijenhoef
President
Ammonia Energy Association

09:15 **CONFERENCE PRESENTATION**
Making the Transition to Green Ammonia Happen



Esben L. Sorensen
Senior Director, Global Market Development
Plug Power Inc.

- Taking leadership, an attractive portfolio and removing show-stoppers

09:35 **CONFERENCE PRESENTATION**
Adaptations and Upcoming Developments in EU Legislation



Grzegorz Pawelec
Director, Intelligence
Hydrogen Europe

- How current regulations linked to Blue Ammonia will translate to Green Ammonia
- Creating clear, unified industry-collaboration to prevent further delays in production

10:20 **PANEL DISCUSSION**
Sustaining an Optimal Value Chain for Green Ammonia



Hans Vrijenhoef
President
Ammonia Energy Association



Dario Formenti
System Manager – Sustainable Fuels
ISCC

- Evaluating changes to optimise the new value chain of Green Ammonia
- Overcoming logistical hurdles for transportation
- Solutions to create a coherent and collaborative circular supply chain

11:05 **MORNING REFRESHMENTS**

11:35 **PANEL DISCUSSION**
Addressing the Effect of Globalisation on Europe



Hans Vrijenhoef
President
Ammonia Energy Association



Ashwani Dudeja
President
ACME Group



Akshay Bhardwaj
Head of Commercial Business Development
OCI Global

- Contextualising Europe's market on a global scale with focus on the ME and USA
- Analysing impact of the US IRA compared to EU policies
- Details on key future global markets such as China and India

12:15 **LUNCH**

13:15 **CONFERENCE PRESENTATION**
Exploring Opportunities in Green Ammonia's Power Potential



Pat Han
Technical Director
Skovgaard Energy

&



John Hansen
Senior Consultant
BoegildConsult

- Assessment of current sectors utilising Ammonia
- Future prospects yet untouched for Green Ammonia
- Strategies to provide consistent sources of renewable power

14:00 **AFTERNOON REFRESHMENTS**

14:30 **SESSION ONE**
Detailed Developments on Major Green Ammonia Projects and Technology



Sebastian Kihle
Chief Technology Officer
H2Carrier



Igor Egaña
Business Development Manager
H2Site



Tathagata Basu
General Manager, Refining & Petrochemical Vertical Market
Honeywell



Baishakhi Bhattacharyya
EMEA Growth Leader - Refining & Petrochemicals
Honeywell

&

- Outlining the Project Landscape across Europe
- Consideration of novel technologies in electrolyzers and risks in investment

16:10 **CLOSE OF DAY ONE**

DAY 2

Thursday 7th March 2024

08:30 **REGISTRATION & COFFEE**

09:00 **CHAIR'S OPENING REMARKS**



Hans Vrijenhoef
President
Ammonia Energy Association

09:05 **CONFERENCE PRESENTATION**
Is Ammonia the Answer to Decarbonising Energy Systems?

- Ammonia existing market overview
Ammonia emerging uses as clean fuel and
- other fuels overview (H2/meOH) + transport challenges
- Clean ammonia demand/supply insights



Aline Ingram
Senior Consultant
Poten & Partners

09:25 **CONFERENCE PRESENTATION**
Power Sourcing for Green Ammonia Production



Paul Kessler
Project Development & Execution
EDP Renewables

10:10 **MORNING REFRESHMENTS**

10:40 **SESSION TWO**
Improving the Symbiotic Relationship of Hydrogen and Green Ammonia



Frédéric Haas
Senior Manager Global Offtake & Partnerships
Engie - Hydrogen



Hege Økland
Managing Director - Iverson eFuel
Hy2Gen



André Jurses
CEO
VolH2

- Focus on Developments in Hydrogen Transportation
- Providing consistent and reliable feedstock of Green Hydrogen
- How to combine both the potential for Green Ammonia as a Hydrogen carrier and production feedstock
- Scaling up Hydrogen production to match Ammonia demand

12:30 **LUNCH**

13:30

SESSION THREE

Streamlining the Future for Green Ammonia as a Fuel and Power Source



Jens Peter Baltersen
Senior Project Manager
DFDS



Andreas Schmid
General Manager, Technology Development
WinGD



Charlie McKinlay
Marine Decarbonisation Consultant
Lloyd's Register Group

- Creating a viable shipping fuel to compete with LNG and Methanol and meet decarbonisation targets
- Assessing the market potential of other conceptual types of fuel e.g automotive and aviation
- Latest developments in efficient engine designs for Green Ammonia

15:20

AFTERNOON REFRSHMENTS

15:50

SESSION FOUR

Assessing Potential Changes to the Fertiliser Market and Agricultural Industry



Rolf Postma
Process Engineer
Stamicarbon

- Highlighting the enhanced benefits Green Ammonia can provide vs Blue Ammonia
- Ensuring market growth continues and not impacted by additional costs
- Competing with the ever-growing urea market and its products

16:05

PANEL DISCUSSION

Evaluating the Impact of Green Ammonia for Downstream Customers



Hans Vrijenhoef
President
Ammonia Energy Association



Faig Abbasov
Shipping Programme Director
Transport & Environment

- Ensuring current market share is protected and finding ways to continue growth
- Analysing the growing European market and the resulting product markets

16:50

CHAIR'S CLOSING REMARKS

17:00

END OF CONFERENCE