

Informa Connect

Academy



Workshop for Market Entrants to the Hydrogen Economy

LIVE ONLINE TRAINING

17 - 18 September 2024



Live Digital

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Course Information

Live Online Training

September 2024

Part 1

17 September

Part 2

18 September

3pm to 6pm AEST

Key Learning Objectives

- Practical knowledge of the new hydrogen fuel economy and its likely trajectory
- Hydrogen's role in the route to net zero
- How hydrogen can support the wind industry
- How ammonia will play a key role in the hydrogen economy
- Addressing hydrogen risks
- How hydrogen will integrate with the future gas grid
- Supply chain requirements: what supplies, equipment and services will be needed, where and when
- The importance of the supply chain of the 'megaproject' and what they tell us about the hydrogen economic opportunity
- Key markets in the commercial development of hydrogen
- Gain awareness of the route to market
- How to prepare for effective engagement
- Local and global opportunities near you
- Tactics for overcoming hurdles to market entry
- The requirement for a hydrogen strategy and model for your business

Meet Your Course Director



Charley Rattan

Hydrogen and offshore wind business advisor and trainer.

The course is led by Charley Rattan, international hydrogen expert and respected energy insider and facilitator bringing over 25 years' real-world renewable experience and a track record of successful major project delivery. Charley is a trusted strategic advisor to global energy companies and an advocate and facilitator for the emerging innovation energy market.

Charley is respected as a leading authority in hydrogen and renewables providing consultancy and training at high level across the globe including for key stakeholders, governments, consenting authorities and world organisations such as the United Nations.



"The examples were useful, and the first-hand experiences of the trainers were also very insightful."

- Senior Manager, AC Energy and Infrastructure Corporation

"Over the years I have attended many training courses provided by [Informa Corporate Learning]. I have always found the course content to be relevant and accurate and the course facilitators to be leaders in their field."

- Analyst, ENI Australia Ltd.

Course Information

About the Course

The hydrogen economy is expected to grow exponentially across the globe in the coming years. For example, the UK recently set a target to produce five gigawatts of hydrogen by 2030, representing a 40-fold increase from the current situation. This ambition is replicated worldwide where hydrogen strategies are appearing on a weekly basis. The journey to the hydrogen market will be challenging, and innovation will be needed. However, early engagement with those commissioning projects will enable early movers to reap the maximum from the opportunity presented.

This hydrogen economy training aims to provide a practical guide to enable companies to make informed decisions and plans based on the real opportunities that are emerging as the global market develops. You will be guided as to where early opportunities are most likely to lie, who is involved and how to get in front of them.

Course Overview

As we move towards zero-carbon, new applications for hydrogen promise to transform the way we live, work, and do business. Emerging technologies will revolutionise the way we think about energy, heating, transport and energy storage, creating a new economic infrastructure and supply chain where huge opportunities await.

The race is on for early entrants to the global hydrogen market, and this hydrogen economy course will help you avoid falling behind.

Who Will Benefit

- Existing energy companies - particularly those who are already part of the oil and gas supply chain and those looking to future-proof their capabilities
- Particularly relevant to engineering companies, those involved in storage compression equipment and shipping
- Companies seeking to enter the energy arena with its myriad opportunities in a market valued by the Bank of America at 11 trillion dollars

Course Outline

THE HYDROGEN ECONOMY

- Hydrogen: What is it?
- Types of hydrogen
- Hydrogen potential
- Hydrogen and the route to net zero

RENEWABLES AND HYDROGEN

- Wind to hydrogen
- Distribution of hydrogen
- Ammonia and hydrogen
- Shipping and hydrogen

PRACTICAL CONSIDERATIONS

- Making hydrogen safe for the gas grid
- Repurposing the gas grid
- Towards 100% hydrogen gas grid – Hydeploy programme
- Commercial considerations

SUPPLY CHAIN

- The rise of the circular economy
- Supply chains – what supplies, equipment and services will be needed, where and when?
- Gas grid requirements
- Timescales
- How will the hydrogen economy be implemented?

MARKET ENGAGEMENT

- Route to market
- Clustering principles
- 20% hydrogen versus 100% hydrogen
- Procurement strategies
- Aligning your company to purchaser requirements
- Who to talk to and how to do business?
- Overcoming the hurdles to market entry.
- Regional opportunities APAC dimensions, Australia, Japan, Singapore, India, Germany, Europe, the UK, USA
- Hydrogen fuel economy strategies for your business
- National and global opportunities

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Easy Ways to Register



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Course Code	Location/ Format	Course Parts	Course Dates	Standard Price		Great Savings: When you book 4 or more participants! Call us today on +61 (2) 9080 4399 or email training@informa.com.au to take advantage of the discount offer.
P24GR41AU02V	Live Digital	All 2 Parts	17 - 18 September 2024	\$1,895 + \$189.50 GST	\$2,084.50	

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ABOUT INFORMA CONNECT ACADEMY

Informa Connect

Academy

Informa Connect Academy is a premier provider of global education and training solutions that caters to a diverse range of professionals, industries, and educational partners. We are dedicated to promoting lifelong learning and are committed to offering learners expert guidance, training, and resources to help them stay competitive in a rapidly changing world.

Our comprehensive range of courses and programmes are tailored to meet the needs of all professionals, from aspiring specialists to seasoned experts. We partner with elite academic organisations and industry leaders with unmatched expertise in their respective fields to deliver an exceptional learning experience.

ON-SITE & CUSTOMISED TRAINING

Informa Connect Academy has a long-standing track record of delivering very successful customised learning solutions achieving real and measurable value for our clients through our senior training consultants. If you have 8+ interested people, an on-site course can be the ideal solution – giving you the opportunity to customise our course content to your specific training needs, as well as attracting significant savings compared to public course costs.

WHY CHOOSE ON-SITE WITH INFORMA CONNECT ACADEMY?

- 1. Custom design** – Together, we will identify the best blended learning solution for your culture, your people and your training objectives.
- 2. Quality assured** – We design market-leading training programs, concepts and methodologies, with a 400+ course portfolio. Our rigorously selected 900+ instructor faculty are recognised experts in their field. Quality of their content and delivery methods is assured through continuous monitoring and evolution.
- 3. On-site training** is a cost effective way to train your people and achieve your defined outcomes.

Speak with **Sushil Kunwar** on **+61 (2) 9080 4370** to discuss your customised learning solution, or email inhouse@informa.com.au



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