



# Power to X (P2X)

LIVE ONLINE TRAINING

25 - 27 June 2024



Live Digital

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# Course Information

LIVE ONLINE TRAINING

June 2024

Part 1

25 June

Part 2

26 June

Part 3

27 June

3pm - 6pm AEST

## Key Learning Objectives

- What is P2X? What does it mean for the energy sector and the wider economy?
- Who is involved? Where is it happening? What are the risks?
- Practical knowledge of the new hydrogen economy and its likely trajectory
- How hydrogen, methanol and ammonia will play a key role in the hydrogen economy
- Power to X 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 P2X economic opportunity
- Key markers in the commercial development of P2X
- Local and global opportunities near you

## Who Will Benefit

Existing energy companies particularly those who are already part of the oil and gas supply chain. Particularly relevant to engineering companies, those involved with ports, offshore operations, in storage compression equipment and shipping sectors.

## About the Course

The Power-to-X and associated hydrogen and derivatives 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 across the globe where hydrogen strategies are appearing on a weekly basis. The journey to a hydrogen economy will be challenging and innovation will be required however, early engagement with those commissioning projects will enable early movers to reap the maximum from the opportunity presented.

The course 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 hydrogen economy develops. Delegates will be guided as to where early opportunities are most likely to lie, who is involved and how to get in front of them.



# 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.

## Course Outline

### POWER TO X

- What does this strange name mean?
- Types of hydrogen
- Hydrogen potential
- Hydrogen and the route to net zero

### RENEWABLES, P2X AND HYDROGEN

- Wind to P2X
- Renewables and P2X
- Distribution of Efuels and hydrogen
- Methanol, Ethanol Ammonia and hydrogen
- P2X and Efuel Shipping
- P2X Storage

### PRACTICAL CONSIDERATIONS

- Making P2X, Methanol, Hydrogen and Methanol safely
- Commercial considerations

### SUPPLY CHAIN

- The rise of the circular economy
- Power to X Supply chains – what supplies, equipment and services will be needed, where and when?
- Timescales
- How will the P2X and hydrogen economies be implemented?

### MARKET ENGAGEMENT

- Route to market for P2X
- Clustering principles
- Procurement strategies
- Regional opportunities APAC dimensions, Australia, Japan, Singapore, India, Germany, Europe, the UK, USA
- National and global opportunities

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## Easy Ways to Register



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+61 (02) 9080 4399



[training@informa.com.au](mailto:training@informa.com.au)

## Power to X (P2X)

Course Code	Location/ Format	Course Parts	Course Dates	Standard Price		<b>Great Savings:</b> When you book <b>4 or more</b> participants! <b>Call us</b> today on <b>+61 (2) 9080 4399</b> or email <b>training@informa.com.au</b> to take advantage of the discount offer.
P24GR47AU02V	Live Digital	All 3 Parts	25 - 27 June 2024	\$2,095 + \$209.50 GST	<b>\$2,304.50</b>	

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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

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- 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](mailto:inhouse@informa.com.au)



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