



FUTURE ENERGY ASIA

TECHNICAL SUMMIT

ASIA'S SOLUTION TO
THE WORLD'S ENERGY
CHALLENGES

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FUTURE ENERGY ASIA **TECHNICAL** **CONFERENCE** SPEAKER BRIEFING PACK

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Session Date, Venue and Time

Date: Wednesday, 15 May 2024

Venue: FEA Technical Conference Theatre 1, Queen Sirikit National Convention Center, Bangkok, Thailand

Time: 16:15 - 17:35

The Speaker Session

Category:	Clean Hydrogen
Chair:	Vincent Ting, Principal, Roland Berger
Presentation time:	16:15 - 16:35
Presentation title:	Storage compressors as keystones of the hydrogen value chain
Speaker:	Kyle Manzer, Area Sales Manager - Australia, New Zealand & Philippines, Neuman & Esser South East Asia
Presentation time:	16:35 - 16:55
Presentation title:	Evaluating policy to support scaling of green hydrogen in Thailand
Speaker:	Thomas Koller, Regional Hydrogen and CCUS Segment Lead, APAC, DNV
Presentation time:	16:55 – 17:15
Presentation title:	The most economical solution for green hydrogen production and storage
Speaker:	Jihyun Hwang, Professor, KENTECH
Presentation time:	17:15 – 17:35
Presentation title:	Green and low carbon hydrogen production initiative and its future projection
Speaker:	Debashis Thakur, Senior Manager (Technical Service), Numaligarh Refinery Limited

Full profiles contained at the end of this document.

Session Format

- The Chair will welcome each speaker separately to the stage and introduce each presentation and speaker to the audience.
- Each presentation is 20 minutes in length.
- The speaker(s) will make their presentation for 15 minutes and follow with 5 minutes for Q&A, between the speaker(s), Chair, and the audience.
- At the end of each Session, there is a 15 minute break.

Speaker Registration and Badge

Speaker registration is processed by the organisers and you do not need to register separately.

Once registered, you will be sent an email confirmation, with a QR code and accompanying instructions that will allow you or your teams to pick up a printed badge on-site.

Please note that you are required to wear your badge throughout the show. The badge will show your name and company and will be scanned at various entry points. It is non-transferable and should only be used by you.

Your Future Energy Asia Technical Conference Speaker Badge will give you access to:

- The Opening Ceremony
- The Future Energy Asia Technical Conference
- Delegate Lunches, Coffee and Refreshments
- The Exhibition
- The Speaker Lounge – access to a private environment with lounge facilities for speakers to prepare and network away from the show exhibition floor.

On-site Contacts

FEA Strategic Summit Theatre:

Aileen Vitug, Senior Conference Producer

M: +65 8498 2051 E: AileenVitug@dmgevents.com

Note:

- WhatsApp or text messages are advisable for quick responses onsite.
- If you have any questions when arriving on-site, please contact the FEA team for assistance. Alternatively, please report to the Speaker Lounge and inform the hostess that you are a speaker for a panel taking place in the FEA Technical Summit Theatre 1.
- In the event that we need to make contact with you on-site to advise you of any changes, please provide a mobile number. Alternatively, please provide full contact details of your onsite liaison representative, who we can convey updates to.
- We request all panelists to be available to meet with the moderator 30 minutes prior to the start of the session.
- The meeting will take place in the Speaker Lounge located in the top left of the venue map below, between the FLA Strategic Summit Theatre and Technical Conference Theatre 2. This is to facilitate introductions and take care of any last-minute arrangements.
- AV technicians will be on hand to provide you with your microphone and our Stage Coordinator will lead you to the Technical Conference Theatre 2 and take you to your seat, from where you will then be asked to the stage.

Additional Passes

Additional discounted passes are available for your colleagues to attend as delegates with an 25% discounted rate.

If you wish to attend any of the co-located conferences, a separate delegate pass must be purchased.

For more information, please email delegates@futureenergyasia.com or call +44 208 609 8707 for assistance.



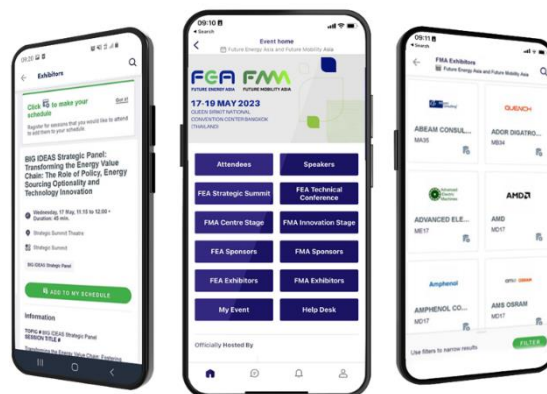
App Access

We encourage you to download the official mobile app.

Your app access is automated and linked to your registration. You will receive a prompt to log in only after you receive your badge confirmation.

- View the latest agendas
- Bookmark conference sessions and exhibitors
- Create a personalized agenda
- AI Matchmaking
- Network with other attendees, exhibitors and delegates
- View Exhibitor List & arrange meetings

For more information, contact the app team today:
app@futureenergyasia.com



Media

Speaker Interviews:

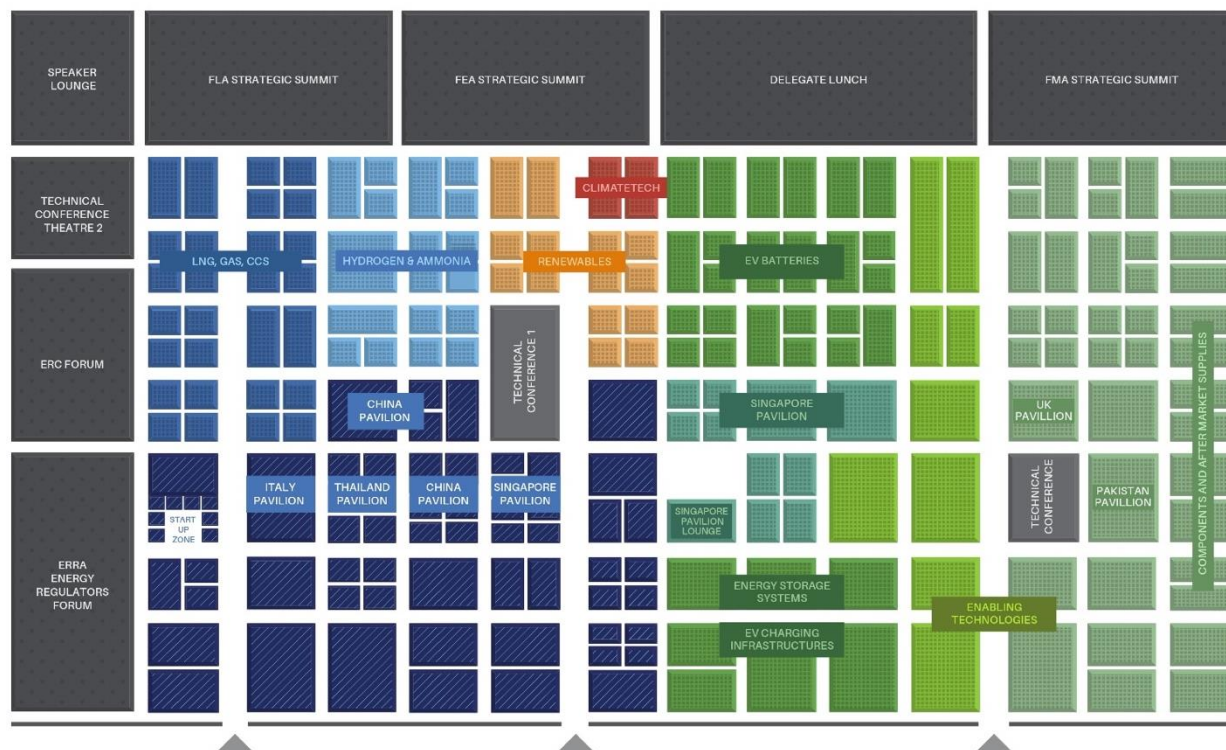
- The world's media gathers at Future Energy Asia, and we make the opportunity available to all of our speakers to see the list of registered journalists.
- Credentialed media registered to attend includes journalists from leading news outlets as well as broader energy trade publications.
- Please let us know if you are interested in making yourself available for media interviews during your time at Future Energy Asia. Our team would be pleased to contact your communications team to review the opportunities.
- Alternatively, for general media and PR-related queries, please contact: marketing@futureenergyasia.com

Social Media:

- We encourage our speakers to share the news about your participation at Future Energy Asia, before, during and after the event, with your networks across social media channels. During the event, we hope you will document as much of your experience as possible and tag us in, so that we can engage with your content. We also recommend that you share content posted to our Future Energy Asia LinkedIn page for maximum publicity.
- Future Energy Asia on social media:
 - Official Hashtag: #FEA2024
 - [LinkedIn](#)

We would like to remind you that media is present throughout the event and your participation at Future Energy Asia will be photographed and recorded for future advertising, marketing and promotional activities. By attending Future Energy Asia, you are consenting to be photographed.

Venue Map



Explore the exhibition space

More than 300 exhibitors showcasing the best, most innovative solutions from across the energy, natural gas, LNG and mobility ecosystems.

Future Energy Asia facilitates the networking opportunities needed and the investment required to transform the energy landscape together.

Queen Sirikit National Convention Center

An iconic landmark at the heart of downtown Bangkok, the Queen Sirikit National Convention Center (QSNCC) is a versatile venue suited to all kinds of events. This state-of-the-art facility is designed to offer flexible solutions both today and in the future.

Opening Times:

15 May 2024: 10am to 6pm

16 May 2024: 10am to 6pm

17 May 2024: 10am to 5pm



Travel and Logistics

QSNCC

The Queen Sirikit National Convention Center (QSNCC) is easily accessible by rail, bus and car. If you are driving, QSNCC provides indoor parking for up to 3,000 vehicles, with direct elevator access to the event levels. Accessible parking, priority parking and EV charging bays are also available at the venue.

MRT



The MRT Blue Line travels through a number of cultural and commercial districts in Bangkok, including QSNCC's stop at Queen Sirikit National Convention Center station (Exit 3).

A tunnel connects the QSNCC MRT Station to QSNCC, and a passageway directly connects to the exhibition hall, providing seamless connectivity.

CAR



From Rachadapisek Road, U-turn under the bridge over the Rama 4 intersection. QSNCC is on your left. From the first stage expressway system, Chalerma Maha Nakhon Expressway (Bang Na - Din Daeng - Dao Khanong), take the Rama 4 Road exit and turn left at the Rama 4 intersection to enter Rachadapisek Rd. QSNCC is on your left.

From Kluay Nam Thai, go straight to Rama 4 Intersection, then turn right into Rachadapisek Road. QSNCC is on your left.

From Rama 3, road take the flyover over the Rama 4 intersection. Stay in the left lane and after coming down to

Benjakitti Park.

AIRPORT



Suvarnabhumi Airport and Don Mueang International Airport are 45 minutes' and 30 minutes' drive, respectively, to QSNCC. Visitors and attendees can take a taxi or arrange a private transfer to QSNCC.

The Airport Rail Link connects Suvarnabhumi Airport to the Makkasan Station - which adjoins Phetchaburi MRT Station. From here, ride.QSNCC is about five minutes train ride.

SRT Dark Red Line's Don Muang Station connects Don Mueang International Airport to Bang Sue Grand Station. Visitors can take the MRT Blue Line from Bang Sue MRT Station to QSNCC.

BTS



Take the BTS Skytrain to Asok interchange station, then transfer to When you arrive at Queen Sirikit National Convention Center MRT Station, take exit 3 to connect to the QSNCC lower ground level.

BUS



The public bus routes 136 and 185 stop right in front of QSNCC. The main entrance is within a short walk from the bus stop.

Official Travel Partner

Burnaby solutions is the official travel partner for Future Energy Asia 2024. If you need any assistance with hotel accommodation, please visit Accommodation - Future Energy Asia or contact: enquiry@burnaby-solutions.com or call +65 69110855.

Travel & Immigration

Visa Information

Thailand allows tourists from 64 countries to enter Thailand without a visa. They are granted to stay a maximum of 30 days if they are entering Thailand via an international airport or entering through a land border checkpoint from neighboring countries. For more information, visit <https://www.thaiembassy.com/thailand-visa/thai-visaexemption-and-bilateral-agreement>

Visa On Arrival

The Visa On Arrival allows passport holders of 19 countries to enter Thailand provided they meet requirements. For more information, visit <https://www.thaiembassy.com/thailand-visa/visa-onarrival>

All other travelers not eligible to enter Thailand via the above options are to obtain visas with the Royal Thai Embassy prior to their visit.

Your Stay in Thailand

Public Safety

Thailand is generally a safe country to travel to. As a popular tourist destination, the most common crimes include petty theft, pick-pocketing and tourist-targeted scams.

Cash and Card Usage

It is advisable to carry some cash with you at all times. While major credit cards and debit cards are accepted in large businesses, hotels and restaurants in Thailand, you might find that smaller stores do not accept cards.

Tipping Culture

Tipping is not obligatory in Thailand, but it is appreciated for excellent service. A good guide for tipping is an estimated 10% of your bill.

WI-FI

Most hotels and cafes are equipped with wireless internet that you can tap into. Voltage in Thailand is 220 volts. Electrical plugs are Type A, B and C. You are advised to bring a suitable travel adaptor and/ or a voltage converter with you.

Useful Contact Numbers

Tourist Police: 1155

Emergency: 1669

All Urgent matters: 191

Explore Bangkok

Make the most of your trip to Thailand. These are some of the must see attractions that you can discover during your visit.



The Grand Place



Train Night Market



Museum Siam



Sao Chingcha



Erawan Shrine



Wat Arun Temple

Panel Profiles

Chair:



Vincent Ting, Principal, **Roland Berger**

Vincent Ting is a Principal at Roland Berger, who brings over 15 years of experience in the energy sector. Currently based in Malaysia, he operates extensively across Southeast Asia, providing his expert insights and strategic direction to a diverse range of clients.

His expertise spans a broad spectrum of energy-related topics, with a particular emphasis on energy transition and alternative energy. Over his career, Vincent has guided energy companies, power producers, and chemical companies towards sustainable and innovative solutions. His clientele also extends to industrial manufacturers, green industrial park operators, and public sector agencies, reflecting his broad appeal and extensive industry knowledge.

Speakers:

Presentation time:

16:15 - 16:35

Presentation title:

Storage compressors as keystones of the hydrogen value chain

Speaker:

Kyle Manzer, Area Sales Manager - Australia, New Zealand & Philippines, **Neuman & Esser South East Asia**



Kyle has 2.5 decades of engineering, management & consulting experience in the energy sector and has worked across the North America, South America, Asia and Europe on multiple projects. He is currently developing opportunities for Neuman & Esser South East Asia in Australia, New Zealand & the Philippines as Sales Manager based out of Thailand.

Kyle holds a bachelor's degree in Mechanical Engineering from the University of Arkansas and is a licensed Professional Engineer in the State of Texas, USA.

Presentation time:

16:35 - 16:55

Presentation title:

Evaluating policy to support scaling of green hydrogen in Thailand

Speaker:

Thomas Koller, Regional Hydrogen and CCUS Segment Lead, APAC, **DNV**



Dr Thomas Koller is the Hydrogen and CCUS Regional Lead, APAC for DNV, advising on the energy transition and the opportunities and challenges of hydrogen and related technologies. He has a background in policy development, regulation, and law with experience from the UK, Europe and Australia.

Thomas is passionate about accelerated action to combat climate change having worked in both the public and private sector to bring about transformative change.

Presentation time:

16:55 – 17:15

Presentation title:

The most economical solution for green hydrogen production and storage

Speaker:

Jihyun Hwang, Professor, **KENTECH**



Prof. Dr. Jihyun Hwang holds a PhD in offshore cryogenic liquefaction process optimization from graduate school of Seoul National University, South Korea. He is an experienced Hydrogen, LNG, Oil & Gas process professional who brings 20 years of relevant experience to specific projects and technology development. He is a Professor, Head of Hydrogen Energy at KENTECH (<https://www.kentech.ac.kr>), a managing director for FIP (Fraunhofer Innovation Platform)-H2Energy@KENTECH (FIP-H2ENERGY@KENTECH) as well as Head of the HYLOT R&D lab (<https://hylot.kentech.ac.kr>), specialized in Hydrogen & LNG processes and project engineering. Before joining KENTECH, Prof. Dr. Jihyun Hwang worked as an expert in different international

companies in South Korea, the United States, the Netherlands, and Germany. He is an esteemed technology development leader for (floating and onshore) hydrogen production & storage projects with in-depth knowledge and technical expertise in process engineering for cryogenic processes (Hydrogen, LNG) and liquefaction engineering, blue hydrogen, green and blue ammonia, and methanol production.

Presentation time:

17:15 – 17:35

Presentation title:

Green and low carbon hydrogen production initiative and its future projection

Speaker:

Debashis Thakur, Senior Manager (Technical Service), **Numaligarh Refinery Limited**



Joined as Graduate Engineer Trainee on August 2007, having more than 16 years of experience in the field of refinery operation & technical services. The following are the different portfolios where I have been working till date 2007 to 2020: Working as a process Engineer in Hydrogen and hydrocracker unit of the refinery and engaged in refinery turnarounds, revamp activities, process trouble shooting etc. 2020- till date: Working in technical services in the area of grey & green hydrogen, feasibility studies on alternative fuels (ethanol from different feedstocks), new product development, design & simulation etc.



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