

THE MUST-ATTEND URBAN ENERGY EVENT IN ASIA!

2nd ASIA URBAN ENERGY ASSEMBLY

Supporting the Energy Transition in the Asia-Pacific

31 August - 1 September 2023, Queen Sirikit National Convention Center Bangkok, Thailand

✓ 30+ Speakers

✓ 200+ Participants

✓ 5+ International Seminars

✓ Co-located with ASEAN Sustainable Energy Week



PLENARY SESSION

- SUPPORTING THE ENERGY TRANSITION IN THE ASIA-PACIFIC



RENEWABLE ENERGY

- SUPPORTING THE INTEGRATION OF RENEWABLE ENERGY IN CITIES



DISTRICT ENERGY

- INTERNATIONAL DISTRICT ENERGY OUTLOOK
- ACCELERATING DISTRICT ENERGY IN APAC



PARALELL SESSIONS

- TECHNOLOGY FOCUS / CAPACITY BUILDING
- BUSINESS MEETINGS / SITE VISITS

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2nd ASIA URBAN ENERGY ASSEMBLY

Supporting the Energy Transition in the Asia-Pacific

31 August - 1 September 2023, Queen Sirikit National Convention Center Bangkok, Thailand

Session Introduction

Title: Asia Urban Energy Assembly – Supporting the Energy Transition in the Asia-Pacific

Event type: International Conference (part of the ASEAN Sustainable Energy Week)

Venue: Queen Sirikit National Convention Center, Bangkok, Thailand

Hosted by: APUEA and Informa Markets

Date: 31 August -1 September, 2023

Time: 08:30 – 16:30

Language: English



Background:

The 2nd edition of the Asia Urban Energy Assembly will be held as a 2-day international conference between 31 August and 1 September at Queen Sirikit National Convention Center in Bangkok, Thailand. The event is co-located with ASEAN Sustainable Energy Week, one of ASEAN's largest and most comprehensive International Exhibition and Conferences on Renewable Energy, Energy Efficiency, and Environmental Technology. In 2022, ASEAN Sustainable Energy Week had more than 20,000 visitors from 52 countries, which makes it one of the best meeting platforms in the region to get updates on market developments, technologies, financing and project opportunities, and much more.

Most major economies in the Asia-Pacific region have set net-zero GHG targets by mid-century, and national governments are working to update energy and climate policies to achieve this. This year's edition of the Asia Urban Energy Assembly is themed "Supporting the Energy Transition in the Asia-Pacific" and aims to present, discuss and explore solutions that can help to speed up the energy transition and help countries reach their climate targets. Luckily, the world's Renewable Energy resources are vast, and Southeast Asia alone has 17.2 TW of Renewable Energy resources available. For example, using only 1% of available Solar PV resources in Thailand would cover the country's total power production capacity of 49 GW.

Another important topic is the world's growing cooling demand. Today, space cooling stands for 10% of the world's GHG emissions, and with increased temperatures due to global warming and population and economic growth in the hottest part of the world, the cooling demand is expected to triple by 2050, leading to equivalent increased energy demand if no action is taken. The majority of the growing cooling demand comes from Asia, which is why cooling is sometimes called the elephant in the waiting room, referring to its importance in the energy transition and meeting climate targets.

The 2nd edition of the Asia Urban Energy Assembly will focus on how the public and private sectors can contribute to the Energy Transition by applying technology and solutions that exist today to increase energy efficiency and integrate more renewable energy into our society. The event will include the latest outlook status of the Energy Transition, explore how more Renewable energy can be integrated into our cities, and how District Energy systems can be one tool in the toolbox to reach climate targets in the Asia Pacific region. The expected audience includes energy professionals from the public and private sectors, including utilities, government officials, policymakers, utilities, developers, consultants, investors, international organizations, universities, and more.

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Draft Agenda

2nd ASIA URBAN ENERGY ASSEMBLY

Supporting the Energy Transition in the Asia-Pacific

31 August - 1 September 2023, Queen Sirikit National Convention Center
Bangkok, Thailand

Day 1, 31 August 2023

Registration and Networking

Time	Activity
08:30-09:00	Registration and Networking

Session 1: Plenary Session – Supporting the Energy Transition in the Asia-Pacific

Moderators:	Mikael Jakobsson, President, Asia Pacific Urban Energy Association (APUEA) Peter Lundberg, Executive Director, Asia Pacific Urban Energy Association (APUEA)
Time	Activity
09:00-09:10	Welcome Remarks <ul style="list-style-type: none">- Asia Pacific Urban Energy Association (APUEA)- Ian Roberts, Vice President Asia, Informa Markets
09:10-09:30	Keynote Address: Current and Future Energy Developments in Thailand Dr. Veerapat Kiatfuengfoo, Representative of Permanent Secretary and Deputy Permanent Secretary, Ministry of Energy (TBC)
09:30-10:30	Panel Discussion: Asia Energy Transition Outlook Moderated by, APUEA <ul style="list-style-type: none">- Ministry of Energy, Thailand- Arjit Sengupta, Director, BEE (India) (TBC)- Nguyen Dang Thu Cuc, Deputy Head, Division for GhG Emission Reduction and Ozone Layer Protection- Michael Renfrew, Program Lead, EnergyLab Cambodia- Anderson Alves, UNDP- Tristan Knowles, ADB (TBC)- Rana Yusuf Nasir, Vice Chairman Board of Expert, Indonesian Society for Energy Conservation & Efficiency (MASKEEI)
10:30-11:00	Coffee Break
11:15-12:15	Panel Discussion: Sustainable Real-Estate Developments Moderated by, APUEA <ul style="list-style-type: none">- Dr. Sopon Pornchokchai, President, International Real Estate Federation Thailand (FIABCI)- Dr. Prateep Tangmatitham, Chairman of the Board, SUPALAI (TBC)- Suttha Ruengchaipaiboon, COO, MQDC (TBC)- Nuttane Virochpoka, Assistant Vice President, Sustainability, Frasers Property (TBC)

Networking Lunch

Time	Activity
12:15-13:30	Networking Lunch

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2nd ASIA URBAN ENERGY ASSEMBLY

31 August - 1 September 2023, Queen Sirikit National Convention Center
Bangkok, Thailand

Day 1, 31 August 2023

Session 2: Supporting the Integration of Renewable Energy in Cities

Moderators:	Asia Pacific Urban Energy Association (APUEA)
Time	Activity
13:30-13:40	Session Introduction <ul style="list-style-type: none">- Asia Pacific Urban Energy Association (APUEA)
13:40-13:55	RE-organising the power systems for the transition <ul style="list-style-type: none">- Emanuele Bianco, Program Officer, International Renewable Energy Agency (IRENA)
13:55-14:10	Potential Integration of Renewable Power for Transportation <ul style="list-style-type: none">- Nattapol Suropunt, Senior Electrical Engineer, Black & Veatch- Sikarin Semachai, Senior Electrical Engineer, Black & Veatch
14:10-14:25	Unlocking the Renewable Energy Potential with Distributed Energy Resources Management Systems <ul style="list-style-type: none">- Vachan Alva, Senior Manager, Head of Sales, Yokogawa Engineering Asia
14:25-14:40	Chilled water as a Service for the Industrial Sector <ul style="list-style-type: none">- Oscar Loza Duran, Group Head Business Development, Sales & Offering Management, BECIS
14:40-14:55	Supporting the Energy Transition with District Cooling <ul style="list-style-type: none">- Danfoss
14:55-15:10	The Importance of Systemic Efficiency <ul style="list-style-type: none">- R Narayanan, Group Senior Vice President & Head of Motion Business, Asia, ABB
15:10-15:30	Coffee Break
15:30-16:20	Panel Discussion – Q&A Moderated by, APUEA <ul style="list-style-type: none">- Vachan Alva, Yokogawa- Oscar Loza Duran, BECIS- R Narayanan, ABB- Emanuele Bianco, IRENA- Dr. Onvaree Techakesari, Black & Veatch- Danfoss- Kamol Tanpipat, Chief Executive Officer, Unisys
16:20	Session Wrap up <ul style="list-style-type: none">- APUEA

Session 3: Exhibition Tour

Time	Activity
16:30 -18:00	Exhibition Tour

Session 4: Evening Activity

Time	Activity
18:30-22:00	Event Dinner

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2nd ASIA URBAN ENERGY ASSEMBLY

31 August - 1 September 2023, Queen Sirikit National Convention Center
Bangkok, Thailand

Day 2, 1 September 2023

Session 1: International District Energy Developments

Moderator:	Asia Pacific Urban Energy Association (APUEA)
Time	Activity
09:00-09:15	Session Introduction - Asia Pacific Urban Energy Association (APUEA) / DBDH
09:15-09:30	District Cooling Developments in Thailand - Maxime Geoffroy, Managing Director, NXITY Thailand
09:30-09:45	District Cooling Developments in Malaysia - Adrian Lim Hock Heng, General Manager, KJ Engineering
09:45-10:00	District Cooling Developments in India - Sandeep Kachhawa, AEEE (TBC)
10:00-10:15	District Cooling Developments in Qatar - Ms. Aysha Alshriem, Sustainability Lead, Qatar Cool
10:15-10:30	District Cooling Developments in Indonesia - Rana Yusuf Nasir, Vice Chairman Board of Expert, Indonesian Society for Energy Conservation & Efficiency (MASKEEI)
10:30-10:45	District Energy Developments in Singapore - Maggie Tan, Head, Keppel EaaS Thailand
10:45-11:00	District Energy Developments in Europe - Eloï PIEL, Director of Market Intelligence at Euroheat & Power
11:00-11:15	Coffee Break
11:15-12:00	Panel Discussion - Moderated by, APUEA - Maxime Geoffroy, NXITY Thailand - Adrian Lim Hock Heng, KJ Engineering - Rana Yusuf Nasir, Indonesian Society for Energy Conservation & Efficiency (MASKEEI) - Eloï PIEL, Euroheat & Power - Sandeep Kachhawa, AEEE (TBC) - Ms. Aysha Al Shriem, Qatar Cool - Maggie Tan, Head, Keppel EaaS Thailand

Networking Lunch

Time	Activity
12:00-13:00	Networking Lunch

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2nd ASIA URBAN ENERGY ASSEMBLY

31 August - 1 September 2023, Queen Sirikit National Convention Center
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Day 2, 1 September 2023

Session 2: : Panel Discussion: Accelerating District Energy in the Asia-Pacific

Moderator: Asia Pacific Urban Energy Association (APUEA)

Time **Activity**

Keynote Presentation: APUEA

Panel Discussion

- 13:00-14:25**
- Sudheer Perla, Country Manager, Tabreed
 - Maggie Tan, Maggie Tan, Head, Keppel EaaS Thailand
 - Lars Hummelose, Managing Director, Danish Board of District Heating (DBDH)
 - Danfoss
 - Asian Development Bank
 - UNDP

14:25-14:30 **Summary and Conclusion**

Session 3: Afternoon Parallel Sessions

Session	Technical Session	DC in India	Business Meetings
Host	Heatnet / Heat Academy	AEEE and GIZ	Individual arrangements
Time	14:30 – 16:00	14:30 – 16:00	N/A
Venue	Breakout hall	Breakout hall	Meeting rooms available
Description	Taking departure from a real case District Energy development, a constellation of companies adding value across the project process will describe how they have provided technologies, know-how, and solutions for a successful implementation.	India is to become the regions largest District Cooling market. Meet the key actors and discuss how you can get involved in the growing market and learn more about the experiences to date.	Participants can set up business meetings with other participants and use the facilities available.

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