

## Asian Heat Pump & Thermal Storage Technologies Network



**AHPNW Bangkok Workshop 2024**

**The 12<sup>th</sup> Asian Heat Pump & Thermal Storage Technologies Network (AHPNW)**  
**“Powering the Future: Energy Efficiency and Carbon Neutrality with Heat Pump Technology”**  
**On July 5<sup>th</sup>, 2024 (13:00 – 16:30) Conference room: MR109 EF**  
**at the Queen Sirikit National Convention Center (QSNCC)**

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12:30 – 13:00	<b>Registration</b>
13:00 - 13:05	<b>Welcome</b>
13:05 - 13:10	<b>Opening Remarks</b> <i>Mr. Wattanapong Kurovat</i> Director General of the Department of Alternative Energy Development and Efficiency (DEDE)
13:10 - 13:20	<b>Group Photo</b>
13:20 - 13:35	<b>Policy support for heat pump projects in Thailand</b> <i>Dr. Supachai Sampao</i> Chef of Energy Efficiency Standard and Conservation Group, DEDE, THAILAND
13:35 – 13:45	<b>Introduction to Asian Heat Pump &amp; Thermal Storage Technologies Network &amp; HPTCJ</b> <i>Mr. Akihiro Watanabe</i> Director International & Technical Research Department, HPTCJ, JAPAN
13:45 – 14:00	<b>Case of Japanese district heating and cooling system using advanced thermal storage technology</b> <i>Mr. Takahide Tokuda</i> Manager, HPTCJ, JAPAN
14:00 – 14:15	<b>Development and prospect of HP technology in China</b> <i>Dr. Sun Zongyu</i> Professor / Manager, China Academy of Building Research (CABR), CHINA
14:15 – 14:30	<b>Sorption based heat pumps for drying applications</b> <i>Dr. Rajagopal Saravanan</i> Professor from Anna University / Society Chair – ISHRAE, INDIA
14:30 – 14:50	<b>Coffee Break &amp; Networking</b>
14:50 – 15:35	<b>Powering the future: Heat pump technology</b> <ul style="list-style-type: none"> <li>• <b>Enhancing Energy Efficiency and Carbon Neutrality in Hotel Hot Water Systems: A Case Study on Heat Pump Water Heaters with IoT Integration and Future Optimization Development</b> Mr. Apichat Poomee, Chief Technical Officers, PAC Corporation (Thailand) Co., Ltd.</li> <li>• <b>Reference Installation CO<sub>2</sub> Heat pump in Thailand</b> Mr. Kiattikul Nilchan, Mayekawa (Thailand) Co., Ltd.</li> <li>• <b>Opportunities for heat pumps in the industrial sector in Thailand and Asian</b> Mr. Sakkarin Siriburanakan, Managing Director, GR Tech (Thailand) Co., Ltd</li> </ul>
15:35 - 15:55	<b>Q &amp; A session</b>
15:55 – 16:00	<b>Closing Remarks</b>

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# AHPNW BANGKOK WORKSHOP 2024

THE 12TH ASIAN HEAT PUMP & THERMAL STORAGE TECHNOLOGIES NETWORK



**Dr. Supachai Sampao**  
*Policy support for heat pump projects in Thailand*

**Takahide Tokuda**  
*Case of Japanese district heating and cooling system using  
advanced thermal storage technology*



**Mr. Akihiro Watanabe**  
*Introduction to Asian Heat Pump & Thermal Storage  
Technologies Network & HPTCJ*

**Dr. Sun Zongyu**  
*Development and prospect of HP technology in China*



**Dr. Rajagopal Saravanan**  
*Sorption based heat pumps for drying applications*

### Powering the future: Heat pump technology

- Mr. Apichat Poomee, PAC Corporation (Thailand) Co., Ltd.
- Mr. Kiattikul Nilchan, Mayekawa (Thailand) Co., Ltd.
- Mr. Sakkarin Siriburanakan, GR Tech (Thailand) Co., Ltd



# 5 July 2024



@ 13:00 - 16:20, ROOM : MR109 EF

QUEEN SIRIKIT NATIONAL CONVENTION CENTER

Visitor registration for  
ASEAN Sustainable Energy Week 2024