



## Sustainable Energy Workshop on AI and Energy Held

- As part of the Abu Dhabi-Japan Economic Council (ADJEC)  
to Strengthen UAE-Japan Cooperation -

November 7, 2024

Japan Cooperation Center for the Middle East (JCCME)

On October 29, JCCME, in cooperation with the Abu Dhabi Department of Economic Development (ADDED), hosted the Sustainable Energy Workshop in Tokyo. This event was part of the Sustainable Energy Workshop Group's activities under the framework of the Abu Dhabi-Japan Economic Council (ADJEC\*<sup>1</sup>), with an 8-member UAE delegation in attendance. Approximately 60 participants from the Japanese government and private sectors actively engaged in the workshop, especially during the Q&A session. Following the workshop, all participants fostered further exchanges and networking in a luncheon, contributing to the event's success. On October 30 and 31, the delegation also visited several Japanese companies.

### <Workshop Summary>

- Theme  
Synergies for a Sustainable Future: AI & Energy Innovation in Japan and the UAE
  - The UAE and Japan will cooperate through innovation in the artificial intelligence (AI) and energy sectors, aiming to realize a sustainable future.
  - This theme was chosen based on the UAE's strategic investments in the AI sector as a national priority, led by H.E. Dr. Sultan Al Jaber, Minister of Industry and Advanced Technology and CEO of ADNOC. Founded in 2018 and based in Abu Dhabi, G42 is a cloud computing company developing solutions in AI, IoT, geospatial information, mobility, and public safety, and it plays a leading role in these initiatives. AIQ, whose representatives visited Japan for this event, is an ADNOC and G42-funded AI solutions company for oil and gas.
- Participating organizations and companies from the UAE:  
Eight representatives from ADNOC Executive Office, ADNOC Gas, ADNOC Onshore, ADNOC Refining, AIQ, and Masdar, along with two participants from ADNOC Japan.
  - Participating Japanese organizations and companies:  
Agency for Natural Resources and Energy, Ministry of Economy, Trade and Industry (METI), Institute of Energy Economics of Japan (IEEJ), ADJEC committee member companies, including banks, trading firms, oil and gas suppliers, and manufacturers; GlobalLogic, NEC Corporation, Yokogawa Corporation, NGK Insulators, Limited, Preferred Networks, Inc., Monstarlab Holdings Inc., Japan Bank for International Cooperation, Asahi Shimbun Company, and others.

- Agenda for October 29
  - 10:00 - 12:30 Workshop (including presentations by representatives from the UAE and Japan, a keynote speech, and a Q&A session)
  - 12:30 - 13:30 Luncheon for networking
  - 13:30 - 16:00 Meetings among individual company participants

ADNOC showed its interest especially in three key areas: enhancing the efficiency of the energy supply chain through AI, ensuring sufficient power supply to its AI data center, and increasing stakeholder benefits through AI applications.

Japanese companies introduced their latest technologies, including ultra-low-power semiconductors for AI applications, AI-driven autonomous plant operations, manpower and tool management using biometric and image recognition technologies, and truck autopilot systems. These topics generated significant interest among the UAE participants.



Delegation and Tamura Mitsuo,  
JCCME Secretary General



Sustainable Energy Workshop



**\*1: About ADJEC**

- ADJEC originated from a bilateral conference first held in 2011, based on the MOU between ADDED and JCCME, which included representatives from governmental organizations and private companies in Abu Dhabi, as well as Japanese firms. Currently, 23 Japanese companies and organizations participate in the conference and JCCME serves as secretariat of this conference. ADJEC oversees three working groups, including the aforementioned Sustainable Energy WG.
- The annual conference alternates between the UAE and Japan. The next event will take place in May 2025 in Tokyo, during the Osaka Expo.

JCCME will strive continuously to support Japanese companies' market entry, as well as business activities and collaboration, in the UAE, in cooperation with ADDED, ADNOC, and other UAE governmental organizations.

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