

JENESYS 2022 Brunei-Japan "Energy Technology" Exchange (Online Invitation Program) Report

1. Online Program Overview

【Objectives】 The main purpose of the program was for young administrative officials from Brunei to learn about renewable energy technologies in Japan, and Japan's international contributions to that field. Through this program, it is expected to confirm the importance of energy cooperation between the two countries, and to build a network among the parties involved.

【Participants】 Total: 24 young government officials from Brunei (Climate Change Secretariat, Department of Energy)

【Location】

Pre-study Program: Tokyo, Online Program: Tokyo, Kyoto, Hokkaido and Malaysia

【Program Schedule】

This program was partly implemented jointly with other programs.

Date Location	Program contents	Participants' questions and reactions
Pre-study Program		
January 24, 2023	【Lecture, Q&A Session】 (1) Theme-related Lecture "Japan's initiatives towards Carbon Neutrality in Japan and Asia" Lecturer: Ms. NUKUI Erika, Deputy Director, International Affairs Division, Agency for Natural Resources and Energy, Ministry of Economy, Trade and Industry of Japan (2) Q&A Session	The lecture was on the cooperative relationship with Japan in the field of energy in Brunei, Japan's policy on energy transition in light of the current situation, and future cooperation with Brunei. The participants listened intently to the content related to their work. They were very interested in the lecture that touched on multifaceted energy measures.
Self-Study before coming to Japan	【Video Viewing】 (1) Welcome Address (2) Overview/Mission (3) Virtual Home Visit (4) Allure Aichi -Industry / Cutting-edge technology (5) Study Japanese Culture in Kyoto	Participants watched videos about the program and deepened their understanding of the program's objectives, its themes, and Japan. In addition, a video of the lecture (held on January 24) was shared for those who could not attend the Lecture on the

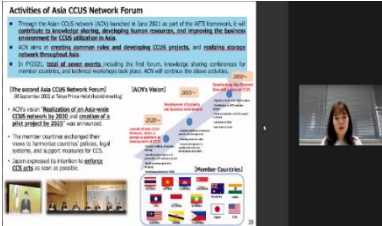

	(6) Learning Japanese (7) Jan. 24 th Theme Lecture “The history of cooperation between Japan and Brunei in the field of energy and regarding Energy Transition in Japan”	Theme.
Online Program (14 participants in total during the following seven days)		
Day 1 February 1, 2023 Tokyo, Hokkaido	【Orientation】 (Note)Jointly conducted with other programs (1) Opening Session (2) Orientation Part 1 Program overview and purpose (3) Orientation Part 2 Program schedule and details (4) Exchange among participants by group (5) Closing Session	In the orientations by group, after sharing the upcoming program, the participants were divided into their presentation groups and the assignments were allotted to each person. The participants understood the objectives of the program and the learnings, and each presentation group discussed what to prepare for the presentation at the reporting session.
Day 2 February 2, 2023 Malaysia	【Lecture on the Theme, Q&A Session】 (1) Opening session (2) 【Lecture on the Theme】 “Floating Solar System in Malacca State, Malaysia” Lecturer: Mr. Uli Goltenbott Division Head of Engineering Division and Malaysia Country Manager Senior Commercial Manager / Indonesia Country Manager International Business Department, Shizen Energy Inc. (3) Q&A session (4) Review (by group) (5) Closing session	The participants seemed very interested in the floating solar system that was created based on a groundbreaking idea, and intently listened to the lecture. During the Q&A session, many questions were asked such as, “Is the life span of equipment different on sea and on land?” and “Is recycling possible?” The participants seemed to have learned that there are still many issues to be solved although it's a great idea project.
Day 3 February 3, 2023 Tokyo	【Lecture on the Theme / Q&A Session】 (1) Lecture “Energy Transition - Our approach to a Hydrogen Society - “ Lecturer: Mr. UJIIE JUNYA New Business Development & Head of Promotion Department Carbon Neutral Group	Participants from the Brunei Climate Change Secretariat, the Ministry of Energy, and the Prime Minister’s Office eagerly took notes during the difficult lecture, showing their seriousness. A Q&A session was also held actively, and the lecturer offered words of encouragement, saying, “I hope the Brunei government will

	(2) Q&A session	carry out its renewable energy initiatives with such enthusiasm.”
Day 4 February 4, 2023 Kyoto	【Japanese Cultural Experience】 (Note)Jointly conducted with other programs Tea ceremony experience (1) Opening Session (2) Lecture / demonstration “Chado/Sadou The Way of Tea and Traditional sweets “Wa-gashi” Lecturer: Mr. Souhaku SUZUKI, Vice Secretary General, Kyoto North Branch, Urasenke Tankokai Federation (3) Q&A session (4) Closing Session	In the tea ceremony experience, the lecturer and his wife together welcomed the participants at their home in Kyoto. There was a warm welcome, and it was like a home visit experience for the participants. The participants looked surprised with various aspects of Japanese culture, including the personality of the lecturer and his wife, their hospitality, and the meaning of Japanese sweets “Wa-gashi.”
Day 5 February 5, 2023 Hokkaido	【Observation】 (Note)Jointly conducted with other programs Virtual tour in Otaru City, Hokkaido (1) Overview of Otaru City, Hokkaido (2) Drone relay in Otaru’s Shukutsu area (3) Virtual tour Sakaimachi-dori Street, Otaru City - Otaru Canal Guide: Mr. Ryu TAKAHASHI, Hospitality Promotion Project Member, Otaru Tourism Association (4) Q&A Session Speaker: Ms. Tomoko NAGAOKA, Deputy Secretary General for Project Promotion, Otaru Tourism Association (5) Closing Session	In the virtual tour in Otaru City, in addition to drone relays, a local guide gave a tour of the city and culture. The participants evaluated the tour highly, and many expressed their desire to visit Otaru in Hokkaido someday.
Day 6 February 6, 2023 Hokkaido	【Workshop】 (Note)Jointly conducted with other programs Preparation for debriefing meeting presentations (1) Workshop description (2) Creation of action plan (by group) (3) Closing Session	Group members cooperated with each other enthusiastically, reviewed the learnings in accordance with the program’s theme, thought about an action plan, and prepared the presentations for the reporting session.





Day 7 February 7, 2023	【Reporting Session】 (Note)Jointly conducted with other programs (1) Presentation (by group) (2) Commentary (3) Closing Session	For the Brunei participants, experiencing a joint reporting session with other programs on a different theme seemed to give them a sense of rivalry for the presentation. The presentations were held in a limited period of time, but the participants were presenting a lot of content.
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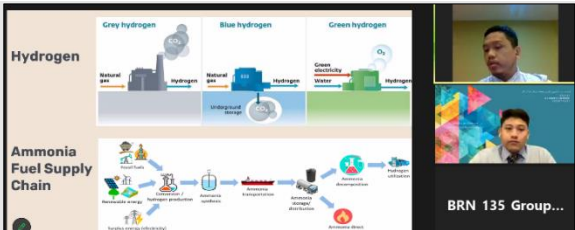

2. Program Photos

Pre-study Program

	
January 24 【Webinar, Q&A Session】 “History of Cooperation between Japan and Brunei in the Energy Sector and Japan’s Approach to Energy Transition”	January 24 【Pre-study Program】 Group photo

Online Program

	
February 1 【Orientation】 Each group shares their way forward	February 2 【Lecture, Q&A Session】 “Floating Solar System in Malacca State, Malaysia”
	
February 3 【Lecture, Q&A Session】 Group photo	February 4 【Japanese Cultural Experience】 Tea ceremony

	
February 5 【Observation】 Virtual tour in Otaru City, Hokkaido	February 6 【Workshop】 Preparations for the reporting session
	
February 7 【Reporting Session】 Action plan presentations	February 7 【Reporting Session】 Group photo

3. Voices from Participants (excerpt)

◆ Working Youth

The visit to Otaru city was pleasant. The highly technical lectures on renewable energy and hydrogen technology were very informative. The lecturers were also very open to questions, and this is very pleasant for our learning experience.



◆ Working Youth

The exchanges between participants, presenters and facilitators about the topics are engaging and eye-opening especially the tea ceremony where we got to learn more about the special ceremony.

◆ Working Youth


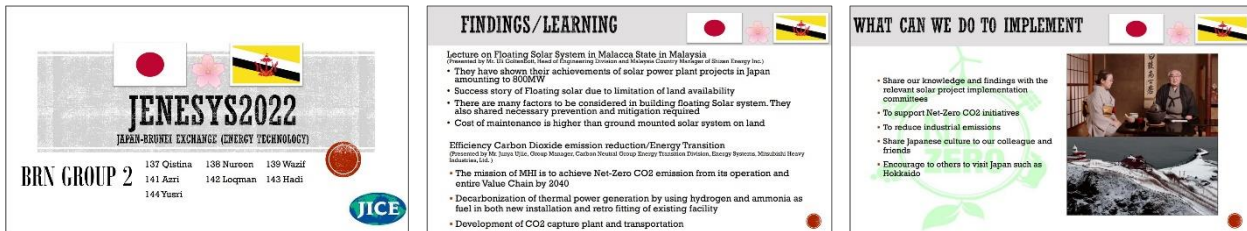
Very technical lectures provide great knowledge that I was really interested in. The speakers are clear experts in their field and I really appreciate learning from them.

4. Disseminations by the participants (excerpt)

	
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<p>February 6, 2023 (Instagram)</p> <p>Virtual tour in Otaru City, Hokkaido.</p> <p>Super interested at all the places mentioned and shown by amazing navigators.</p> <p>Expected looking forward to visiting Hokkaido in the future.</p>	<p>February 6, 2023 (Instagram)</p> <p>Thank you for inviting us to join this wonderful program.</p> <p>It was enjoyable and hopefully explaining well for the topic that I didn't expect to join.</p> <p>These projects being held can improve our society.</p>
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5. Action Plans for After Returning Home Presented at the Reporting Session (excerpt)

Japan-Brunei Exchange (Energy Technology) (1)	
	
<p>■ Implementation plan:</p> <p>We will disseminate the following information on new technologies and renewable energy development.</p> <ul style="list-style-type: none"> ● All new energy-related technologies in use today, including solar, floating solar, wind, hydro and ammonia ● How Japan is cooperating with the world to supply energy ● How Japan is working to develop these technologies for future cooperation between Japan and Brunei 	
<p>■ Whom:</p> <p>Local NGOs, Brunei government</p>	
<p>■ Method of implementation:</p> <p>Create graphic designs that can be easily shared by people who see Instagram posts</p>	
Japan-Brunei Exchange (Energy Technology) (2)	
	
<p>■ Implementation plan:</p> <p>After returning home, we will share the following knowledge and findings gained from the program with the relevant solar power project implementation committee.</p> <ul style="list-style-type: none"> ● Support projects that reduce greenhouse gas emissions to zero 	

- Reduce industrial emissions
- Share Japanese culture with our colleagues and friends
- Encourage other people to visit places in Japan, such as Hokkaido

Implementation agency: Japan International Cooperation Center (JICE)