

MINISTRY OF NATURAL RESOURCES
AND ENVIRONMENTAL SUSTAINABILITY



Ministry of the Environment



MALAYSIA-JAPAN **ENVIRONMENT WEEK** **PROGRAMME**



15-17 OCTOBER 2025



igem
INTERNATIONAL GREENTECH & ECO PRODUCTS
EXHIBITION & CONFERENCE MALAYSIA

PURPOSE and PARTICIPANTS



The Malaysia-Japan Environment Week aims to promote mutual understanding on environmental and related issues between Japan and Malaysia, and to explore opportunities for cooperation in fostering green business growth, thereby contributing to the realization of a decarbonized and resilient society.

The program will feature high-level keynotes, panel discussions, thematic seminars, and business pitch sessions. Over the course of three days, the event is expected to attract more than 600 participants, including representatives from the governments of Malaysia and Japan, local authorities, the private sector, research and academic institutions, international and regional organizations, and NGOs.

PROGRAMME AT A GLANCE

WED Oct. 15 th		THU Oct. 16 th		FRI Oct. 17 th	
Business Exhibition at Japan Pavilion	9:00	Business Exhibition at Japan Pavilion	9:00	Business Exhibition at Japan Pavilion	9:00
	10:00		10:00		10:00
	11:00		11:00		11:00
	12:00		12:00		12:00
	13:00		13:00		13:00
	14:00		14:00		14:00
	15:00		15:00		15:00
	16:00		16:00		16:00
Welcome Networking Morning Coffee		Networking Morning Coffee		Networking Morning Coffee	
SESSION 1 10:00 – 11:40		SESSION 3 10:00 – 11:30		SESSION 3 9:00 – 11:00	
Cleaner Energy Future Initiative for ASEAN (CEFIA) by METI		Water · Waste Pollution Control		Climate Change Mitigation (JCM) · Adaptation	
Business Pitch Session 11:40 – 12:30				COFFEE BREAK	
				SESSION 3 11:20 – 13:00	
				Waste-to-Energy & Recycled Materials Exporting from ASEAN by ASEAN-Japan Centre	
NETWORKING LUNCH 12:30 – 14:00		NETWORKING LUNCH 11:30 – 13:00			
SESSION 2 14:00 – 16:30		High-level and Plenary Sessions 13:00 – 15:00 (120min)			
Promoting Resource Circulation - ELV including Batteries Toward a Circular Economy - Co-organized by MGTC and MOE Japan					
		COFFEE BREAK			
		SESSION 4 15:30 – 17:00			
		PaSTI - GHG Measurement and Reporting by Companies -			

* The programme is subject to change without notice.

BUSINESS PITCH SPEAKERS

Looking for a cutting edge, robust, or comprehensive solutions for developing a sustainable society through business? Do not miss the integrated short presentation by exhibitors to each thematic seminars!

Follow up on the presentation can be done in the business networking hub and environmental technology exhibit. This is the opportunity to potentially finding partners for making the sustainable plan come true.

15th Oct : Environment Week Business Pitch Session

Azbil Malaysia Sdn.Bhd.

Wei Lun Chang



ASEAN-Japan Centre

Julius Tan Gonzales
Programme Associate
Research and Policy
Advocacy Team



SDG Impact Japan Inc.

HIORSE Daichi
Partner



JPRSI

TAKAGI Haruno
Project Associate



CTI Engineering Co., Ltd.

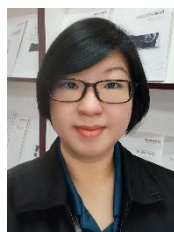
INOUE Yasushi
Senior Engineer



16th Oct : Water and Waste Pollution Control

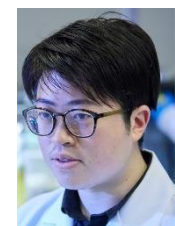
Shimadzu Malaysia Sdn Bhd

Mei Hui, Jau
Senior Marketing
Manager



Innoqua Inc. / INNOQUA ASIA SDN BHD.

KOZONO Takaomi
Researcher



Yokohama Water Co., Ltd.

HASEGAWA Koichi
Executive Director & General
Manager for Waterworks and
Sewerage Department



BUSINESS PITCH SPEAKERS

16th Oct : Water and Waste Pollution Control

AMITA HOLDINGS CO., LTD.

KANEMOTO Yuji
Processs & Product
Manager



BIOTECHWORKS-H2 Co.,Ltd.

NITANI Miki
Coo & Co-Founder



JFE Engineering Corporation / J&T Recycling Corporation

FUKAI Hajime
Director
Innovation Center
Environmental Solutions Sector



PNH Co., Ltd. , PNH Malaysia Sdn. Bhd.

Lee Jian Tat
Managing Director,
Malaysia Branch



17th Oct : Climate Change Mitigation (JCM) & Adaptation

Mitsubishi Electric Corporation

YAMAMOTO Tomoya
Manager



Geosphere Environmental Technology Corp.

TAWARA Yasuhiro
Pregident



SPACECOOL INC.

KIJIMA Yuto
Overseas Business
Development
Manager



AGC Inc

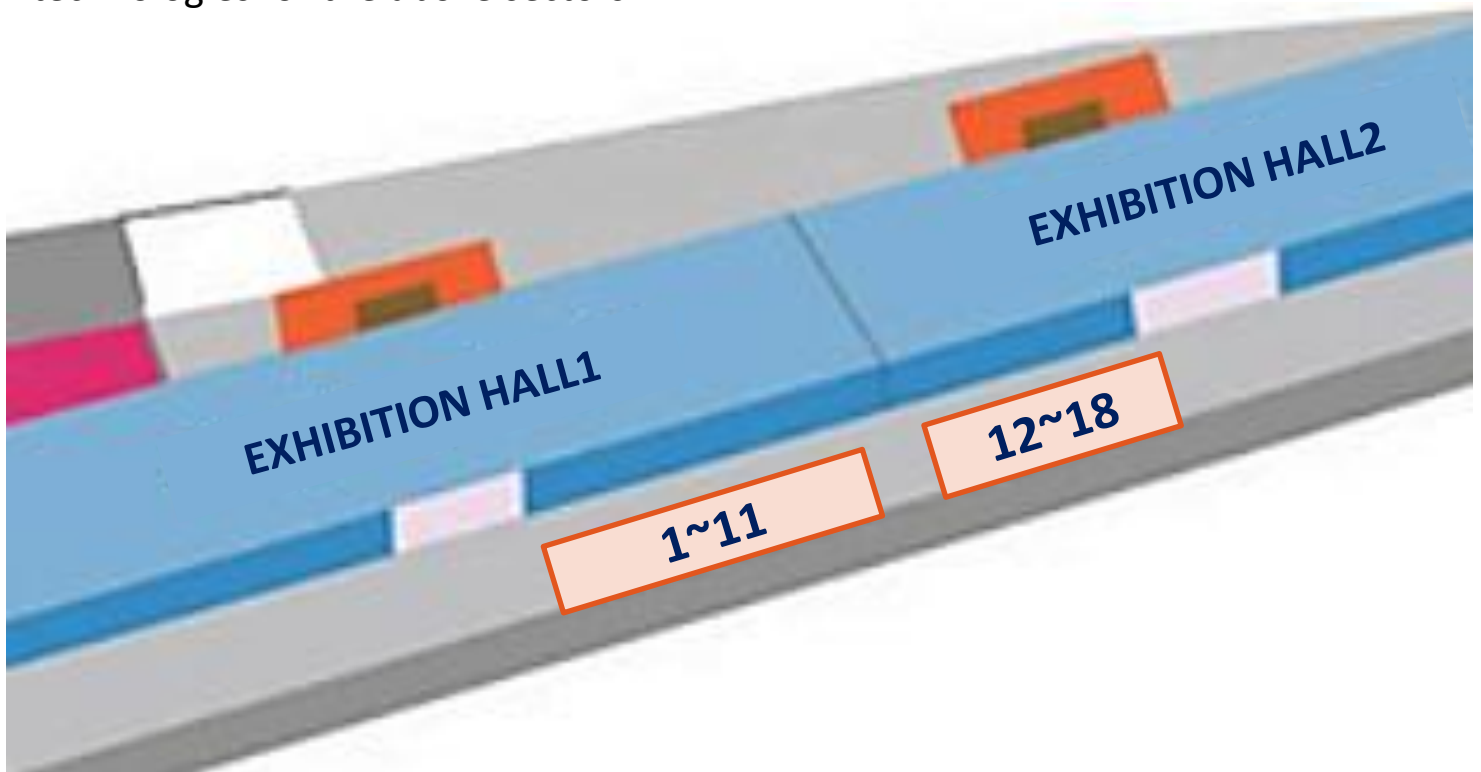
Ang David
Manager, Smart Glass



LAYOUT for EXHIBITON

Ground Floor Exhibition Hall 1&2 Foyer

Environmental technologies and solutions for climate change (mitigation and adaptation), waste management and recycle, air pollution / water pollution control, clean energies, smart city, mercury, marine plastics litter, hydrogen technologies, related to ESG investment / finance / insurance /finance • Research, consulting and furnishing solutions and advanced environmental technologies for the above sectors.



1	Daihatsu Motor Co., Ltd.	10	Japan International Cooperation Agency (JICA)
2	Mitsubishi Electric Corporation	11	ASEAN-Japan Centre
3	SDG Impact Japan Inc.	12	Geosphere Environmental Technology Corporation
4	SPACECOOL INC.	13	Zeroboard Inc.
5	Kanadevia Corporation	14	Shimadzu Malaysia Sdn. Bhd.
6	PNH Co., Ltd. / PNH Malaysia Sdn. Bhd.	15	CTI Engineering Co., Ltd.
7	BIOTECHWORKS-H2 Co.,Ltd.	16	AGC Inc.
8	Fukushima Prefecture	17	JFE Engineering group
9	Japan Platform for Redesign: Sustainable Infrastructure (JPRSI)	18	WOTA Corporation

SESSIONS OUTLINES

WED 15th OCT

Session 1 The Cleaner Energy Future Initiative for ASEAN (CEFIA)

CEFIA provides a platform for public–private collaboration to promote cleaner energy and decarbonization technologies in the ASEAN region. In cooperation with the Ministry of Economy, Trade and Industry (METI) of Japan, this session will highlight Zero Energy Buildings (ZEB) as well as hydrogen and ammonia technologies, focusing on their relevance for Malaysia, including Malaysia's growing energy demand and the need to enhance energy efficiency in its building sector. while diversifying energy sources and achieving decarbonization. ZEB can reduce energy consumption in urban development, while hydrogen and ammonia offer promising options as clean fuels to support Malaysia's energy transition. This session will introduce Japanese companies' advanced technologies and explore opportunities for collaboration with Malaysian stakeholders to accelerate the country's move toward sustainable energy.

Session 2 Promoting Resource Circulation - ELV & Batteries towards a Circular Economy -

As the ASEAN-Japan Resource Circulation Partnerships on E-Waste, ELV and Critical Minerals (ARCPEEC) has agreed to increase circularity on electronics, automobiles and other relevant supply chains in ASEAN countries, proper management of waste and transformation toward a circular economy through international cooperation is expected. To achieve sustainability in Malaysia's rapid economic growth and transition to carbon neutrality, this session showcases business practices from Malaysia and Japan on End-of-Life Vehicles (ELV), including batteries, while exploring public-private collaboration opportunities towards the transition to a circular economy with experts' insights.

THU 16th OCT

Session 3 Water and Waste Pollution Control

As Malaysia's economy is growing rapidly, the development of industrial and domestic wastewater treatment facilities or waste management infrastructures has not fully kept pace with the growth. In this seminar, the technologies and business models to improve pollution control regarding water and waste will be introduced. Showcasing innovative recycling technologies and material recovery, while leveraging digital solutions for monitoring and compliance to achieve a circular economy, and the use of waste-to-energy technologies for sustainable waste management. Water management focuses on decentralized water treatment systems, industrial water treatment systems, and advanced water purification technologies.

SESSIONS OUTLINES

THU 16th OCT

High-level and Plenary Session

This session will explore how Fukushima Prefecture, once devastated by disaster, is now emerging through regional revitalization as a model for integrated decarbonization and a regional regenerative city. Drawing from Japan's experience - particularly the "Platform for Decarbonization and Reconstruction" and forward-looking local initiatives - the session aims to foster collaboration between Malaysia and Japan on green transition at the community level. Youth, businesses, and local actors from both countries will come together to exchange insights and explore practical pathways for cooperation.

Session 4 PaSTI - GHG Measurement and Reporting by Companies -

This session will focus on the opportunity for society as a whole to move toward a carbon-neutral society by involving not only listed companies but also unlisted companies. Beyond regulatory requirements, leading companies have begun estimating and disclosing their GHG emissions. This data is increasingly used by business-to-business clients to assess Scope 3 emissions, by investors for ESG-related decision-making, and by the public. Malaysia is currently in the process of developing its own facility-level GHG emissions reporting system and exploring the introduction of a carbon trading mechanism. With experts regarding the necessity of MRV for GHG emissions from the private sector, industry associations, financial institutions, and government officials, discuss ways for the smooth implementation of carbon pricing in Malaysia in the future.

FRI 17th OCT

Session 5 Climate Change Mitigation (JCM) and Adaptation

A unique session to bring together policymakers and the business community from Malaysia and Japan, to share the state of implementing policy and measures aligned with the Paris Agreement, highlighting technology solutions made available in Malaysia. The role of synergies and international partnerships towards achieving net zero and adaptation actions will be discussed. This session brings two round-table discussions; 1) experts will exchange views on policy instruments, decarbonization technologies, the role of carbon credits, means to raise ambition, and 2) focuses on local involvement/stakeholder engagement, impact assessment, and project formulation, business model for adaptation.

Session 6 Sustainable Value Creation from Waste

Intellectual seminar to explore sustainable collaboration between Japan and ASEAN for high valued recycled materials from waste for the future!

Cleaner Energy Future Initiative for ASEAN (CEFIA)

MODERATOR

TBA

OPENING

Opening/ Introduction to CEFIA

CEFIA

Japanese Companies' Technology Introduction on ZEB

Energy Conservation Center, Japan

Mr. YAMAMOTO Katsuhiko, General Manager,
International Business Cooperation Center

AGC Inc.

Mr. DOUNOMAE Jun, Principal Researcher

TBD

Q & A

Technology Introduction on Hydrogen & Ammonia

JGC Holdings Corporation

TBC

IHI Power System SDN BHD

TBC

Asahi Kasei Corporation

TBC

Kanadevia Corporation

TBC

Q & A



Promoting Resource Circulation - ELV & Batteries Toward a Circular Economy - co-organized by MGTC and MOEJ

MODERATOR:

TBA

Welcome Remarks

TBC, National Resources and Environmental Sustainability (NRES), Malaysia

TBC, Ministry of the Environment(MOE), Japan

KEYNOTE PRESENTATIONS

Malaysia's Path to Circular EV Battery Management

TBC, MGTC, Malaysia

TBC, MOE, Japan

Study report on Vehicle Recycling Project in ASEAN

TBC, Economic Research Institute for ASEAN and East Asia (ERIA)

Industrial Insights

1. Japan Automobile Recycling

TBC, Tsuruoka Co., Ltd., Japan

2. Scaling Up Battery Recycling: Industry Innovation for Malaysia's Circular Future

TBC, Econili, Malaysia

3. Video Montage: Featuring Snapshots of Malaysia's Industry Practices

Coffee Break

Panel Discussion

Potential future Collaborating ideas between Malaysia and Japan for promoting Sustainable ELV Management

Moderator: ERIA/MOEJ

Pannelists TBC

WRAP-UP/CLOSING

TBC



Water and Waste Pollution Control

MODERATOR:

TBC

Opening Message

TBC, Ministry of the Environment, Japan

Keynote: The Current Situation of Water Environment and Waste Management in Malaysia

TBC, NRES, Malaysia

Part One. Water Pollution Control

*Model Project for the Improvement of the Water Environment in Asia
- Business Overview and Introduction of Japanese Technology -*

Ms. AKAMICHI, Mayu, Deputy Director,
Environment Management Division, MOEJ

Technology Presentations

Johkasou Performance Check
TBC, Daiki Axis (online)

Business Pitches

Innoqua Inc./Innoqua Asia Sdn., Bhd.
TBC

Shimazu Malaysia Sdn., Bhd.
TBC

Yokohama Water Co., Ltd.
TBC

Part Two. Waste Pollution Control

Introduction
Ministry of the Environment, Japan (TBC)

Business Pitches

Amita Holdings Co., Ltd.
TBC

JFE Engineering Group
TBC

Biotechworks – H2 Co., Ltd.
TBC

PNH Co., Ltd./PNH Malaysia Sdn. Bhd.
TBC



**Toward the regenerative city:
restore, renew, enhance
-Fukushima harnessing its potential;
from Environmental Remediation to Net Zero society-**

MODERATOR:
TBC

Opening Session

Opening Remarks

- Natural Resources and Environmental Sustainability (NRES)
- Ministry of the Environment, Japan (MOEJ)

Welcome Remarks

- Kuala Lumpur City
- Embassy of Japan in Malaysia
- Federation of Malaysia Manufacturer (FMM)

Photo Opportunity

Plenary Session

Keynote Speech

- Ministry of the Environment, Japan (MOEJ)
- Video Message: Governor of Fukushima Prefecture
- University students from Fukushima

Panel Discussion

- ◆ Moderator: Mr. UCHIDA Togo, Executive Director, ICLEI Japan
- University students from Fukushima
- University students from Malaysia
- Kuala Lumpur City



PaSTI**- GHG Measurement and Reporting by Companies -****MODERATOR:**

Dr. THOMAS, Maki,
Deputy Project Leader, OECC

Welcome Remark

NRES, Malaysia (TBC)

Ministry of the Environment, Japan (TBC)

Session Introduction

Difference Between Facility Level Reporting and Company Level Reporting

Mr. KOBAYASHI, Kunihiro, Project sub-leader, OECC

Keynote Presentations

Climate Change Policy in Malaysia

Dr. Mohd Hafdzuan Bin Adzmi, Principal Assistant Secretary, NRES, Malaysia

The Enhancement of Facility-level GHG Emission Measurement and Reporting and Bridging the Emission Trading System (ETS) in ASEAN

TBC, World Bank

Panel Discussion**Guiding Presentation**

The Importance of Facility-level Reporting and Linkage of Carbon Pricing

Mr. KOBAYASHI, Kunihiro, Ditto

Discussion Session

Theme: Sharing Best Practice of GHG Emission MRV, Including Supply Chains

Moderator: Mr. TAMAI Akihiro, Senior Project Fellow, OECC

Panelists

- Mr. KASUYA, Yasuhiro, Long-term Expert, JICA
- Mr. SUZUKI, Shintaro, Head of APAC Regional Business/ Managing Director, Zeroboard (Thailand) Co., Ltd.
- TBC
- TBC



Climate Change Mitigation(JCM) and Adaptation

MODERATOR
TBC

Opening Remarks

TBC, NRES, Malaysia
Vice-Minister of the Environment, Ministry of the Environment, Japan

PRESENTATIONS

Introduction of the State of Climate Change in Malaysia

TBC, NRES, Malaysia

Roundtable Discussion 1: Decarbonization-Policy, Technology and Supply Chain

1. TBC, NRES, Malaysia
2. TBC, MOE, Japan
3. Business Solution 1: Manufacturing
TBC, Federation of Malaysian Manufacturers
4. Business Solution 2: CCS
Mr. IWANAGA Shuhei, General Manager, Mitsui Co., Ltd
5. Business Solution 3: Waste-to-Energy
Mr. OHARA Takanobu, JFE Engineering Cooperation
6. Business Solution 4: Fluorocarbons Management
TBC, Daikin Malaysia Co., Ltd

Roundtable Discussion 2: Adapting to Climate Change

- Dr. MATSUDA Emiko, MOEJ
- TBC, CTI Engineering Co. LTD
- Ms. Hul Hunsopheary, Co-Founder / CEO of Evola Cambodia
- TBC

Business Pitch Presentations

- ◆ Mitsubishi Electric Corporation
Heat-related Total Solutions to Reduce Energy Costs and Support Decarbonization
- ◆ Spacecool Inc.
Adaptations to climate change utilizing radiative cooling materials
- ◆ Geosphere Environmental Technology Corp.
Next-generation early flood warning system
- ◆ AGC Inc.
Building Envelope Solutions with Energy Saving Glass

CLOSING

TBC

Sustainable Value Creation from Waste organized by ASEAN-Japan Centre

MODERATOR:
NRES TBC

Opening

Opening Remarks

General HIRABAYASHI, Japan-ASEAN Center

Welcome Remarks

Malaysia Gov. (TBC)

Sharing Insights by Japanese and Malaysia Experts and Businesses

Facilitator: TBC, Malaysia

Venous Industry, waste converting and recycling

TBC , Japan

Arterial Industry

TBC, Japan

Material Industry

TBC, Malaysia

Recycle Plastic Waste

TBC, Plustik, Indonesia G-Mark Awardee

Q&A and open floor discussion

Facilitator: TBC

Panelists: (TBC)

Closing

TBC



EVENT INFORMATION

CO-ORGANIZERS

Ministry of the Environment, Japan (MOEJ)
Ministry of Natural Resources and Environmental Sustainability (NRES)

SUPPORTING ORGANIZATIONS

ASEAN-Japan Centre (AJC)
Embassy of Japan in Malaysia
Embassy of Malaysia, Tokyo
Federation of Malaysian Manufacturing (FMM)
ICLEI Japan
Japan External Trade Organization (JETRO) Kuala Lumpur Office
Japan International Cooperation Agency (JICA) Malaysia Office
Malaysian Green Technology And Climate Change Corporation (MGTC)
Japan Platform for Redesign: Sustainable Infrastructure (JPRSI)
Overseas Environmental Cooperation Center (OECC)

PARTNER ORGANIZATIONS

Japanese Chamber of Commerce and Industry in Malaysia (JACTIM)

VENUE

Kuala Lumpur Convention Centre

Kuala Lumpur City Centre,
50088 Kuala Lumpur, Malaysia
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<https://www.klccconventioncentre.com/>



I N Q U I R Y

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Event Website

<https://jprsi.go.jp/ew2025my/en/index>

