

“Forum on Advancing Article 6 Implementation through Business Engagement and JCM Project Matchmaking in Thailand” held in Bangkok

Thailand – December 17th, 2025

Summary Report (English)



The forum was organized to advance the implementation of Article 6 of the Paris Agreement through promoting JCM project matching and corporate engagement in Thailand, bringing together key stakeholders from both the public and private sectors to discuss the role of businesses in JCM project development and to create opportunities for meaningful partnership building.

The forum was co-hosted by the Ministry of the Environment of Japan (MOEJ) and the Thailand Greenhouse Gas Management Organization (Public Organization) (TGO), under the Ministry of Natural Resources and Environment, Thailand and co-organized by the Paris Agreement Article 6 Implementation Partnership (A6IP) Center/Institute for Global Environmental Strategies (IGES), the Overseas Environmental Cooperation Center, Japan (OECC), along with other supporting organizations, namely the JCM Implementation Agency (JCMA) designated by the Government of Japan, Japan External Trade Organization (JETRO) Bangkok Office, Japan International Cooperation Agency (JICA) Thailand Office, and the Federation of Thai Industries (FTI).

Opening Remarks



Ms. Mari Akiyama – Minister, Embassy of Japan in Thailand

Ms. Akiyama delivered the opening remarks on behalf of the Government of Japan. She highlighted the strong and long-standing cooperation between Japan and Thailand in the environmental and climate change fields, noting that Thailand was Japan's first recipient of environmental ODA. She underscored the significance of the first international transfer of carbon credits under the Joint Crediting Mechanism (JCM) in accordance with Article 6.2 of the Paris Agreement, generated from a floating solar power project in Thailand. This milestone demonstrates the environmental integrity and effectiveness of the JCM, as well as the importance of private sector engagement in delivering real mitigation outcomes. Ms. Akiyama expressed her hope that the forum would further accelerate bilateral cooperation and lead to new project development contributing to both countries' NDCs.



Mr. Nakhon Tangavirapat – Executive Director, Thailand Greenhouse Gas Management Organization (Public Organization)

Mr. Tangavirapat delivered opening remarks on behalf of the Ministry of Natural Resources and Environment of Thailand. He explained the objectives of the Joint Crediting Mechanism as a bilateral mechanism jointly implemented by Japan and its partner countries to promote greenhouse gas mitigation through financial and technological cooperation. He highlighted Thailand's achievement as the first JCM partner country to successfully transfer carbon credits under Article 6.2 of the Paris Agreement, demonstrating Thailand's readiness and leadership in international carbon market implementation. He emphasized that strengthened cooperation and business matching between Thai and Japanese companies are essential to expanding JCM project pipelines and supporting Thailand's climate objectives.

Session: Role of the JCM in Japan's Climate Change Policies and How to access Japan's support programs for the JCM



Maiko Uga – Program Manager, International Carbon Markets, Ministry of the Environment, Japan

Ms. Uga presented an overview of Japan's climate change policies, including Japan's commitment to achieve net-zero greenhouse gas emissions by 2050 and ambitious mid-term targets toward 2035 and 2040. She introduced Japan's forthcoming domestic emissions trading system (GX-ETS), noting that JCM credits are expected to be used as compliance units, thereby increasing demand for high-integrity international credits. She explained the JCM as a bilateral cooperation mechanism under Article 6 of the Paris Agreement, highlighting conservative crediting, credit sharing, and corresponding adjustments. Ms. Uga also outlined available Japanese support programs for JCM projects, including facility introduction subsidies, ADB-linked financing, and demonstration programs, and encouraged companies to consider JCM incentives at an early stage of project planning.

Session: Thailand's Participation in Article 6 and its expected contribution to NDC ambition – Use of Article 6 under the NDC Action Plan and Article 6.2 authorization criteria and process



Sunaree CHANGIN – Environmentalist, practitioner level, Department of Climate Change and Environment (DCCE)

The presentation outlined Thailand's national framework for implementing Article 6 of the Paris Agreement under its NDC Action Plan. The speaker explained Thailand's mitigation targets and the role of international cooperation in achieving up to 10% of mitigation outcomes through Article 6.2. The session detailed the institutional arrangements, including the establishment of an Article 6 Working Group, the roles of DCCE and TGO, and procedures for corresponding adjustments and reporting to the UNFCCC. Eligible project types, authorization criteria, and the step-by-step process for

obtaining Letters of Authorization were presented, with emphasis on avoiding double counting and ensuring alignment with sustainable development goals.

Session: How to Register Projects under the JCM track under Premium T-VER – Key requirements and processes



Ms. Pornpawee KITTITANAPHAN – Technical Officer, Carbon Credit Certification Office, Thailand Greenhouse Gas Management Organization (Public Organization) (TGO)

TGO provided detailed guidance on registering projects under the JCM track under the Premium T-VER, which is aligned with Article 6 requirements. She explained key eligibility criteria, including additionality beyond business-as-usual, conservative baseline setting, stakeholder consultation, and contribution to sustainable development. She also highlighted requirements for monitoring, reporting, and verification (MRV), third-party validation, and coordination with Japanese counterparts. The presentation clarified how JCM Track under Premium T-VER projects are registered and how credits are issued, and transferred in accordance with both JCM rules and international Article 6 guidance.

Session: Introduction to JCM Global Match



Yohei YOSHINAMI, Deputy Director, JCM Implementation Agency (JCMA)

Mr. Yohei introduced the JCM Global Match, an online business matchmaking platform operated by the JCM Implementation Agency (JCMA) to support the formulation of Joint Crediting Mechanism (JCM) projects. With around 1,000 registered users from over 60 countries, the platform enables participants to find potential partners by technology, country, or company, advertise their capabilities through profiles and open discussions, and discuss business plans via open or invitation-based communication tools, thereby facilitating international collaboration for JCM project development.

Session: Business Pitch – JCM-Relevant Project Concepts from Japan and Thailand

This session featured business presentations from Japanese and Thai companies showcasing technologies and project concepts suitable for implementation under the JCM in Thailand. The presentations focused on high-impact mitigation solutions and illustrated how advanced technologies can be deployed through bilateral cooperation.

Moderated by Satoshi IEMOTO, Senior Project Fellow, Overseas Environmental Cooperation Center, Japan (OECC)



Company Presentations



Iwatani Corporation (Thailand) Ltd. –
Fuchu Shunsuke, Head of Industrial Gases
& Energy Department



Sharp Solar Solution Asia Co., Ltd. –
Wachirawit Jitsuparat, Sales Supervisor



Thai EV – Chatchawan Chuleekeit, Head of Business Development



Taisei Corporation – Prang Subpa-asa, Business Development Section Assistant Manager



Charoen Pokphand Produce Co., Ltd. – Thanapat Supannasud, Carbon Strategy and Trading



Faeger Co. Ltd. – Tajima Daiki, Project Coordinator, Southeast Asia Business



Green Carbon Inc. – Harada Ryo, Manager, International Business Department, Credit Business Division



Tokyo Gas Co., Ltd. – Koga Takashi, Senior Manager, Decarbonization Advisory Business Sect, Solution Business Dept, Customer & Business Solution Company Solution Co-creation Division

Japanese and Thai companies showcased innovative and advanced low carbon technologies in various sectors, summarized below.

Iwatani Corporation (Thailand) Ltd.

Iwatani is balancing environmental protection with economic growth through two major initiatives in Thailand. The company has launched a refrigerant recovery and reclamation business, the first of its kind in Thailand, to clean and reuse high-warming-impact gasses that were previously vented. Additionally, they are developing a biogenic CO₂ project that recovers and purifies CO₂ from bio-ethanol production (sugarcane-derived), aiming to reduce industrial carbon footprints by 70% while securing a stable supply for the automotive and beverage sectors.

Sharp Solar Solution Asia Co., Ltd.

With over 65 years of solar expertise, Sharp highlighted a global track record of 16 awarded JCM projects totaling 324 MW. Their recent milestones include a major 2025 project in Thailand's Eastern Economic Corridor (EEC) featuring a 55 MW solar power system integrated with a 40 MWh storage battery for a data center. The company offers full in-house engineering capabilities for large-scale and next-generation JCM renewable energy solutions.

Thai EV

Thai EV focuses on the electrification of commercial fleets, having already deployed over 1,000 EV trucks and buses. Partnering with its subsidiary ReevX, the company provides an IoT and telematics ecosystem for real-time monitoring of battery health and routing. They utilize a digital MRV system to accurately track carbon emission reductions for international export deals, creating secondary revenue streams that accelerate the return on investment for fleet operators.

Taisei Corporation

Committed to a "Zero Carbon Society," Taisei showcased innovative construction technologies like T-eConcrete®, a carbon-negative material that fixes CO₂ captured from factory exhaust gasses. They are constructing Japan's first Zero Carbon Buildings and are implementing similar high-efficiency technologies in Thailand. The company also presented a circular economy project that converts agricultural waste (rice straw and husks) into green building materials, helping to reduce PM2.5 pollution from crop burning.

Charoen Pokphand Produce Co., Ltd.

As a leader in integrated agriculture, CP Produce is leveraging its network of 11,000+ farmers to implement large-scale carbon credit projects. Their ongoing JCM-relevant projects utilize Alternate Wetting and Drying (AWD) and regenerative agriculture to reduce methane emissions in rice cultivation. CP Produce seeks partners for technological collaborations, including IoT water sensors, smart irrigation automation, and joint research on soil organic carbon.

Faeger Co. Ltd.

Recognized as the leading agriculture-based carbon credit developer in Japan, Faeger puts farmers at the center of its business model to enhance food security and sustainability. They have successfully generated 26,000 hectares of AWD credits through a dedicated Android-based digital MRV system. Faeger is now expanding its expertise into Thailand, focusing on comprehensive farmer support that integrates water management with seed selection and mechanization to boost productivity.

Green Carbon Inc.

Green Carbon aims to unlock Thailand's massive AWD potential, estimated at 15 million tons of CO₂ reduction per year. Their pilot projects in Phitsanulok demonstrated an average 50% methane

reduction and a 5% increase in rice yields, providing significant income gains for local farmers. They utilize the Agreeen digital MRV platform, combining satellite data and automated validation to ensure high-integrity carbon credits.

Tokyo Gas Co., Ltd.

As a major JCM end-user, Tokyo Gas is exploring new procurement opportunities to reach its 2050 Carbon Neutrality Roadmap goals. The company is currently engaged in an AWD rice field pilot project in the Philippines in collaboration with Kubota and Creatura. They are also developing cutting-edge methane measurement and visualization technologies supported by JAXA, utilizing infrared lasers and numerical fluid simulation to enhance the quantitative evaluation of carbon credits.

Individual business matchings

Following the pitch presentations, individual business matching meetings were conducted between presenting companies, government representatives from Thailand and Japan, and interested participants. These meetings provided opportunities to discuss project ideas, partnership structures, and next steps toward JCM project development.



Key Takeaways and Conclusions

The forum reaffirmed the Joint Crediting Mechanism (JCM) as a practical and mature tool for implementing Article 6 of the Paris Agreement. Clear policy guidance from both governments, combined with growing private sector interest, positions Thailand and Japan to further scale up high-integrity mitigation projects. Participants emphasized the importance of early engagement with authorization processes, robust MRV systems, and active business collaboration. The forum concluded with a shared commitment to translate dialogue into concrete JCM project pipelines supporting NDC achievement in both countries.

References

Forum on Advancing Article 6 Implementation through Business Engagement and JCM Project Matchmaking in Thailand

<https://a6partnership.org/training-events/forum-on-advancing-article-6-implementation-through-business-engagement-and-jcm-project-matchmaking-in-thailand>

Date and Time: Wednesday, 17 December 2025, 9:00-17:30 (Bangkok time)

Location: Pullman Bangkok King Power, Bangkok, Thailand

Hosted by:

- Ministry of the Environment, Japan (MOEJ)
- Thailand Greenhouse Gas Management Organization (Public Organization) (TGO), under the Ministry of Natural Resources and Environment, Thailand

Co-Organizers and Partner Organizations:

- Embassy of Japan in Thailand
- Institute for Global Environmental Strategies (IGES) / Paris Agreement Article 6 Implementation Partnership (A6IP) Center
- Overseas Environmental Cooperation Center (OECC)
- JCM Implementation Agency (JCMA) designated by the Government of Japan
- Japan External Trade Organization (JETRO) Bangkok Office
- Japan International Cooperation Agency (JICA) Thailand Office
- The Federation of Thai Industries (FTI)

Agenda:

Time	Program	Speakers and Presenters
09:00-09:30	Registration	
09:30-09:50	Opening remarks (Japanese side)	Ms. Mari AKIYAMA, Minister, Embassy of Japan in Thailand
	Opening remarks (Thai side)	Ms. Preeyaporn SUWANAGED, Deputy Permanent Secretary, Ministry of Natural Resources and Environment, Thailand
09:50-10:00	Photo session	

Time	Program	Speakers and Presenters
10:00-10:20 (Presentation) 10:20-10:30 (Q&A)	Role of the JCM in Japan's Climate Change Policies and How to access Japan's support programs for the JCM	Maiko UGA, Program Manager for International Carbon Markets, Ministry of the Environment, Japan (MOEJ)
10:30-10:50 (Presentation) 10:50-11:00 (Q&A)	Thailand's Participation in Article 6 and its expected contribution to NDC ambition – Use of Article 6 under the NDC Action Plan and Article 6.2 authorization criteria and process	Sunaree CHANGIN, Environmentalist, practitioner level, Department of Climate Change and Environment (DCCE)
11:00-11:20	Coffee Break	
11:20-11:40 (Presentation)	How to register projects under the JCM track under Premium T-VER – Key requirements and processes	Pornpawee KITTITANAPHAN, Technical Officer, Carbon Credit Certification Office, Thailand Greenhouse Gas Management Organization (Public Organization) (TGO)
11:40-12:00	Q&A on the JCM track under Premium T-VER	TGO and MOEJ
12:00-13:30	Networking Lunch	
13:30-13:40	Introduction to JCM Global Match	Yohei YOSHINAMI, Deputy Director, JCM Implementation Agency (JCMA)
13:40-15:00	<p>Business pitching panel session: JCM-Relevant Project Concepts from Japan and Thailand</p> <p>This session will include presentations on projects ideas and technologies from both Japanese and Thai companies that are well-suited for implementation under the JCM. Focusing on high-impact, high-hanging fruit solutions—The</p>	<p>Moderated by Satoshi IEMOTO, Senior Project Fellow, Overseas Environmental Cooperation Center, Japan (OECC)</p> <p>Company presenters:</p> <p>1) Iwatani Corporation (Thailand) Ltd.</p>

Time	Program	Speakers and Presenters
	presentations aim to illustrate how advanced technologies can be applied in real settings.	<p>Fuchu Shunsuke, Head of Industrial Gases & Energy Department</p> <p>2) Sharp Solar Solution Asia Co., Ltd. Wachirawit Jitsuparat, Sales Supervisor</p> <p>3) Thai EV Chatchawan Chuleekeit, Head of Business Development</p> <p>4) Taisei Corporation Prang Subpa-asa, Business Development Section Assistant Manager</p> <p>5) Charoen Pokphand Produce Co., Ltd. Thanapat Supannasud, Carbon Strategy and Trading</p> <p>6) Faeger Co. Ltd. Tajima Daiki, Project Coordinator, Southeast Asia Business</p> <p>7) Green Carbon Inc. Harada Ryo, Manager, International Business Department, Credit Business Division</p> <p>8) Tokyo Gas Co., Ltd. Koga Takashi, Senior Manager, Decarbonization Advisory Business Sect, Solution Business Dept, Customer & Business Solution Company Solution Co-creation Division</p>
15:00-15:20	Key Takeaways and Session Summary	MOEJ and TGO
15:20-15:30	Coffee Break	

Time	Program	Speakers and Presenters
15:30-17:00	<p data-bbox="475 323 862 386">Business Matching and Individual Meetings</p> <p data-bbox="532 420 886 695">During this session, individual meetings can be arranged with pitching companies, TGO, and MOEJ/JCMA (15 minutes for each meeting slot). Arrangements for slot allocations/ appointments will be communicated with registered participants.</p>	Organized by OECC

End