



Seminar on the Joint Crediting Mechanism (JCM) Implementation in Thailand
– Further Contributions to GHG Emission Reductions in Thailand through the JCM –

JCM Project Development Cycle and Eligible Project Activities



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Manager of Carbon Credit Certification Office
Thailand Greenhouse Gas Management Organization



Thursday, December 19, 2024



09:00-12:00 Thailand Time



Mayfair Ballroom A, The Berkeley Hotel Pratunam, Bangkok





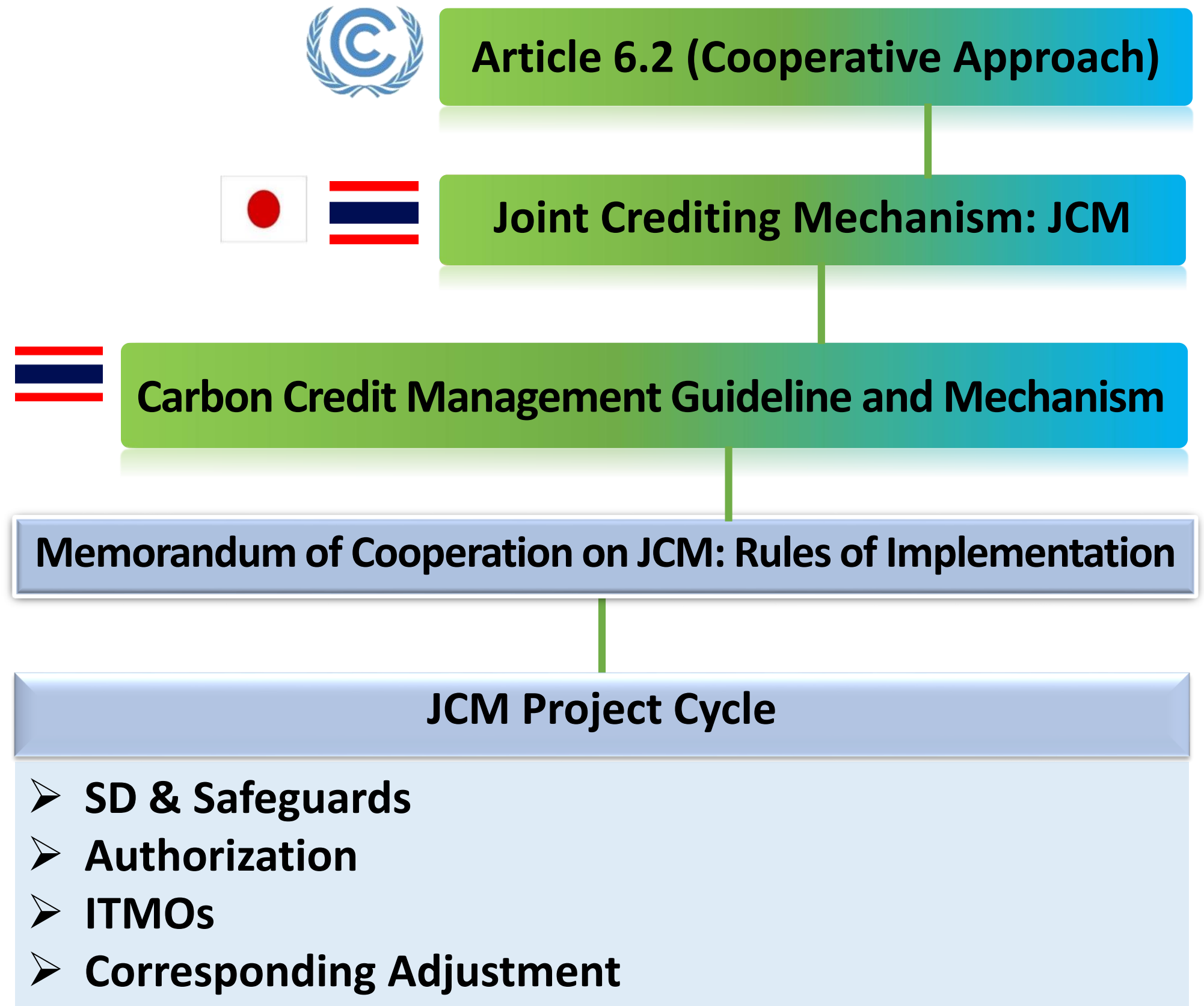
Arrangements for Aligning the JCM Implementation in Thailand with Article 6

Memorandum of Cooperation on the Joint Crediting Mechanism between the Government of the Kingdom of Thailand and the Government of Japan (MoC)

6. Both governments mutually recognize that part of credits issued from emission reductions and removals achieved by a project in line with Attachments 1 and 2, may be used towards the achievement of Japan's nationally determined contribution and the rest of the said credits may contribute to the achievement of the Thailand's nationally determined contribution, while ensuring that double counting is avoided on the basis of corresponding adjustments, consistent with the guidance.

7. Each government authorizes the credits issued in the JCM registry of Japan for use towards the achievement of Japan's nationally determined contribution as internationally transferred mitigation outcomes, consistent with the guidance.

<https://www.jcm.go.jp/th-jp/information/516>





Project Development Process: JCM Track under Premium T-VER

JCM Planned Project

JCM Project Registration

JCM Credits Issuance

International transfer

Japanese Ministry/
PPs submit PIN of
a planned project to JC

PPs submit documents to
Government of Japan and TGO
for registration

PPs submit documents
to Government of Japan
and TGO for credit issuance

TGO cancels the credits in the
special account for the JCM in
the Thai registry and notifies
the Government of Japan

JC approves
planned projects

PPs open an account
in the Thai registry

Government of Japan
considers and approves
the issuance of the credits

Government of Japan issues
the corresponding amount of
credits in a holding account(s)
of the JCM registry of Japan

Government of Japan
approves registration

DCCE considers and approves
fulfillment of authorization

Government of Japan provides
authorization for the credits,
completing the first
international transfer (ITMOs)

PPs submit an authorization
request to DCCE/DCCE considers
and provides authorization for
the credits to be generated
from the JCM project

TGO approves and issues
credits in special account
and holding account (Thai PP)

**TGO approves and registers
the project under Premium T-VER**

LoA - Letter of Authorization

PIN - Project Idea Note

ITMOs - Internationally Transferred Mitigation Outcomes

DCCE - Department of Climate Change and Environment

TGO - Thailand Greenhouse Gas Management Organization

T-VER – Thailand Voluntary Emission Reduction Program

PPs – Project Participants

JC – Joint Committee



Project Development Step 1: Approval of JCM Planned Project

JCM Planned Project

Japanese ministry/PPs submit PIN of a planned project to JC

Secretariat conducts a completeness and forwards the PIN to JC

JC approves planned projects



JCM_TH_F_PIN_ver01.0_draft

Project Idea Note for JCM Project

PIN reference number	<i>(For the secretariat use only)</i>
-----------------------------	---------------------------------------

All the information described in this document is at the pre-implementation stage and may change as the project develops.

1. Basic project information	
1.1. Date of Submission	dd/mm/yyyy
1.2. Partner country <i>(A host county where the planned project is located)</i>	
1.3. Title of the planned project <i>(Should be self-explanatory and clearly indicate the activity leading to GHG emissions reductions / removals)</i>	

The Joint Committee makes the result publicly available, including the PIN reference number, the name of the planned project, the date of submission in the above, and the reason for objection when the Joint Committee objects to the planned project described in the PIN through the JCM website.



Project Idea Note (PIN)



2. Project participants and contact information

2.1. Representative Japanese participant for the project and its roles in the project

(For identification of the person in charge for the project in terms of communication)

Name of the entity (<i>Company, etc.</i>):	■
Roles of the entity in the project:	■
Address of the contact entity:	■
Website of the contact entity:	■
Name and position of the main contact person in the entity:	Last name: ■ First name: ■ Position: ■
E-mail of the main contact person:	■
Phone number of the main contact person:	■

2.2. Japanese participant(s) for the project and their roles in the project except for the entity in 2.1.

(If possible, please indicate the contact person of each entity involved in the project)

2.3. Participant(s) of partner country for the project and their roles in the project

(If possible, please indicate the contact person of each entity involved in the project)

2.4 Relevant ministry or governmental agency of partner country

(If possible, please indicate the contact person)



3. Project information

3.1. Summary of the planned project

Description of the project:
(Project implementation scheme, role of each participant, etc. Insert an image of the implementation structure in section 5)

Location of the project

Technologies, products, systems, services, infrastructure, or implementation of mitigation actions to be adopted for the project, and a brief description of them:

Status and progress of the project
(Feasibility study, license application status, etc.):



Project Idea Note (PIN)



3.2. Expected scale of investment	Total project costs: In project currency: [redacted] In Japanese Yen: [redacted] Breakdown (in project currency): [redacted]
3.3. Applicable JCM methodology(ies)	<input type="checkbox"/> Existing methodology(ies) (<i>Please specify below</i>) [redacted] <input type="checkbox"/> New methodology(ies) needed (<i>Briefly explain the status below</i>) [redacted]
3.4. Expected GHG emission reductions / removals (unit: tCO₂/year)	[redacted] tCO ₂ /year
3.5. Expected schedule up to the commercial operations date and the project registration under the JCM	[redacted]



Eligible activities: Carbon Credit Management Guideline and Mechanism



Being a project that leads to reduction of greenhouse gas emissions from sources or enhancement of greenhouse gas sinks and reservoirs in addition to those prescribed in the national greenhouse gas mitigation plans;



Being a project that supports greenhouse gas reduction in order to achieve the goals of the Nationally Determined Contributions (NDC) and Thailand's Long-Term Low Greenhouse Gas Emission Development Strategy (Thailand LTS);



Being a project that sets forth a fair allocation of carbon credits, by considering investment contribution or the international rules or framework of an international agreement, or the applicable rules and regulations;



Being a project with a crediting period not exceeding the timeframe of the NDC implementation period;



Being a project that promotes development and transfer of advanced technology or innovation and requires a large amount of investment and promotes access to financial resources to address climate change and reduce greenhouse gas emissions from sources or enhance greenhouse gas sinks and reservoirs;



The greenhouse gas mitigation outcomes from a project operated in Thailand that are used for an international objective shall be certified in tons of carbon dioxide equivalent (tCO₂eq).



Project Idea Note (PIN)



3.6. Contribution to Partner Country's NDC (Nationally Determined Contributions)

Please explain how the planned project contributes to the partner country's NDC by selecting all the applicable options below and providing a brief supporting information:

- Regulatory surplus (reduce GHG emissions from sources or enhance GHG sinks and reservoirs in addition to those described in the Thailand national greenhouse gas mitigation plans)

Please specify relevant section(s) and description in the national plans below:

■

- Additional to the business as usual (BAU)

Please describe the BAU scenario below:

■

- Development and transfer of advanced technology or innovation

Please briefly describe the contribution below:

■

- Large investment and promotes access to financial resources to address climate change and reduce GHG emissions from sources

Please briefly describe the contribution below. Details can be explained in Section "4. Financial contribution":

■

- Other (Please specify below)

■



Project Idea Note (PIN)



3.7. Contribution other than GHG emissions reductions or removals
(Financial contribution should be explained in section 4)

3.8. Credit allocation

Select one of the following:

- Credit allocation is still under discussion among project participants.
- Project participants propose a preliminary percentage of credit allocation as below, *understanding the condition that numbers will be decided by the Joint Committee at the time of project registration:*
**In case the project expects to receive financial support from the Government of Japan, the Government of Japan determines a preliminary percentage of credit allocation.*

Partner country (Government and project participants)	■ %
Japan (Government and project participants)	■ %

The reason for the above credit allocation:	<p><i>(The planned project should demonstrate a fair allocation of carbon credits by considering investment contribution, international rules, a framework of an international agreement, or applicable rules and regulations.)</i></p> <p>■</p>
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Project Idea Note (PIN)



4. Financial contribution

(Please indicate which government support is expected; otherwise, explain in the "Other" section.)

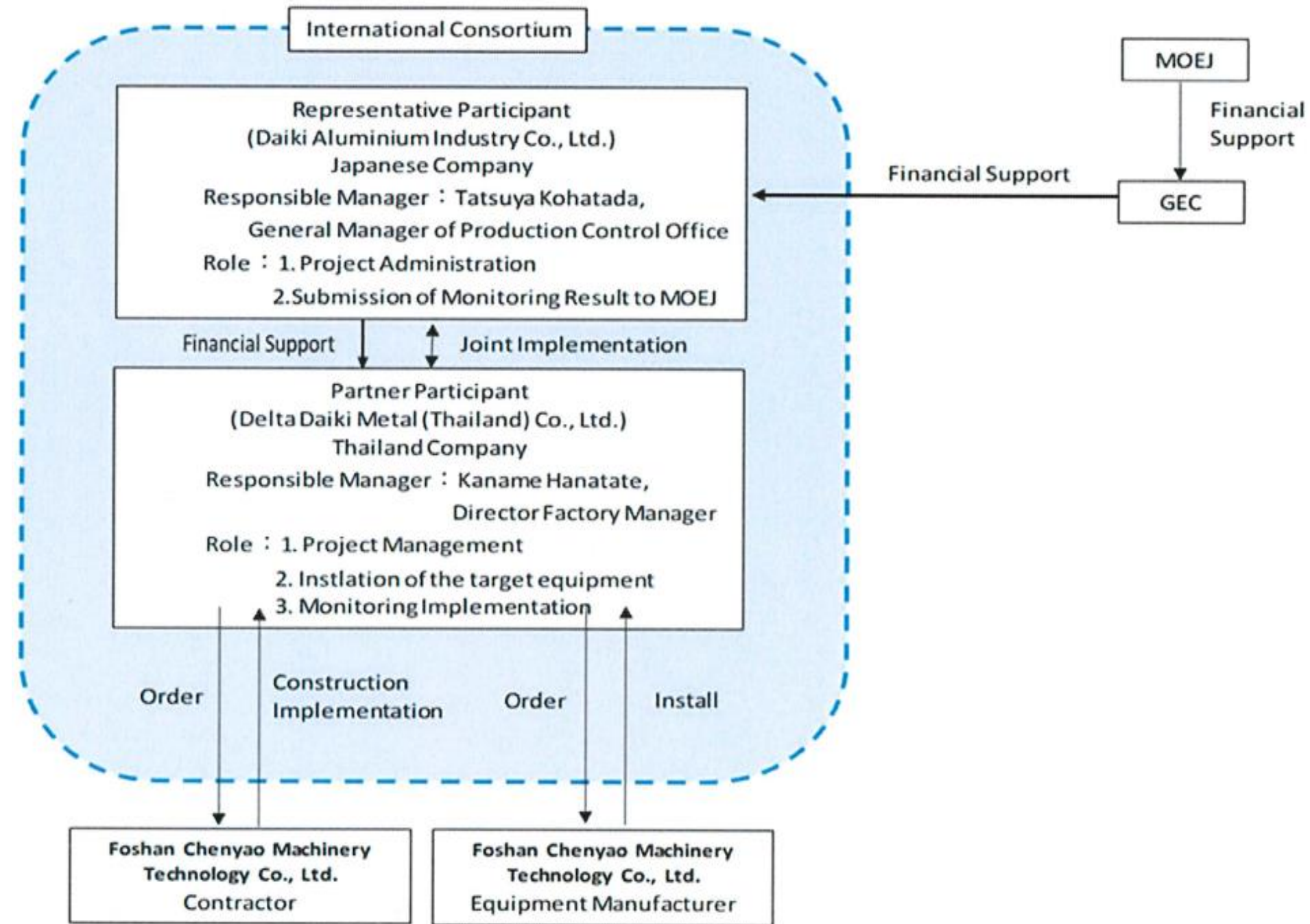
<input type="checkbox"/> Financial support from the Government of Japan: Select one of the following	Fiscal Year of Japan
<input type="checkbox"/> Financing Programme for JCM Model Project by Ministry of the Environment, Japan (MOEJ)	[]
<input type="checkbox"/> JCM Support Programme administered by the United Nations Industrial Development Organization (MOEJ)	[]
<input type="checkbox"/> F-gas Recovery and Destruction Model Project by MOEJ	[]
<input type="checkbox"/> Japan Fund for the JCM administered by the Asian Development Bank (MOEJ)	[]
<input type="checkbox"/> JCM Demonstration Project by New Energy and Industrial Technology Development Organization (Ministry of Economy Trade and Industry, Japan)	[]
<input type="checkbox"/> Other <i>(Please explain how the project will be financed and what financial contribution or economic incentive will make the project viable.):</i> []	[]



Project Idea Note (PIN)

5. Implementation structure

Please insert an image of the implementation structure including financial flows below:





6. Declaration of avoidance of double registration

By signing this declaration below, the project participant ensures the planned project with the JCM track under Premium T-VER will not result in double registration in other GHG mitigation crediting mechanisms, which then avoids double counting of GHG emission reductions by the project.

- I hereby declare that the planned project is not registered under any other GHG mitigation crediting mechanisms other than the JCM track under Premium T-VER, therefore, the planned project will not result in double counting of GHG emission reductions.
- I hereby declare that if the planned project is registered with the JCM track under Premium T-VER, the same project will not be registered under other international climate mitigation mechanisms.



Project Idea Note (PIN)



7. Statement of decision

This statement is effective with all project participants and will be valid until a superseding statement is submitted to the Thailand Greenhouse Gas Management Organization (Public Organization) and the Government of Japan through the Secretariat.

The project participant is solely responsible for honoring such arrangements. By signing below, the project participants confirm that this decision on a voluntary basis.

Project participant

Name of organization:

Name of authorized signatory:

Title:

Specimen Signature:

Date (DD-Month-YYYY)

Revision history of PIN

Version	Date	Contents revised
■	dd/mm/yyyy	■
■	dd/mm/yyyy	■
■	dd/mm/yyyy	■

**Project participants fill in this section when they submit a revised PIN to the Joint Committee.*

**Rows may be added, as needed*



Joint Committee of the Thai Side

1. Deputy Permanent Secretary,
Ministry of Natural Resources and Environment

Thai Co-chair

2. Department of Climate Change and Environment,
Ministry of Natural Resources and Environment

3. Pollution Control Department (PCD),
Ministry of Natural Resources and Environment

4. Office of Natural Resources and
Environmental Policy and Planning (ONEP),
Ministry of Natural Resources and Environment

5. Department of Industrial Works (DIW),
Ministry of Industry

6. Department of Alternative Energy Development
and Efficiency (DEDE), Ministry of Energy

7. Department of East Asian
Affairs, Ministry of Foreign Affairs

8. The Federation of Thai Industries (FTI)

9. Thailand Greenhouse Gas Management
Organization (TGO), Ministry of Natural
Resources and Environment





Joint Committee of the Japanese Side

1. Embassy of Japan in Thailand

Japanese Co-chair

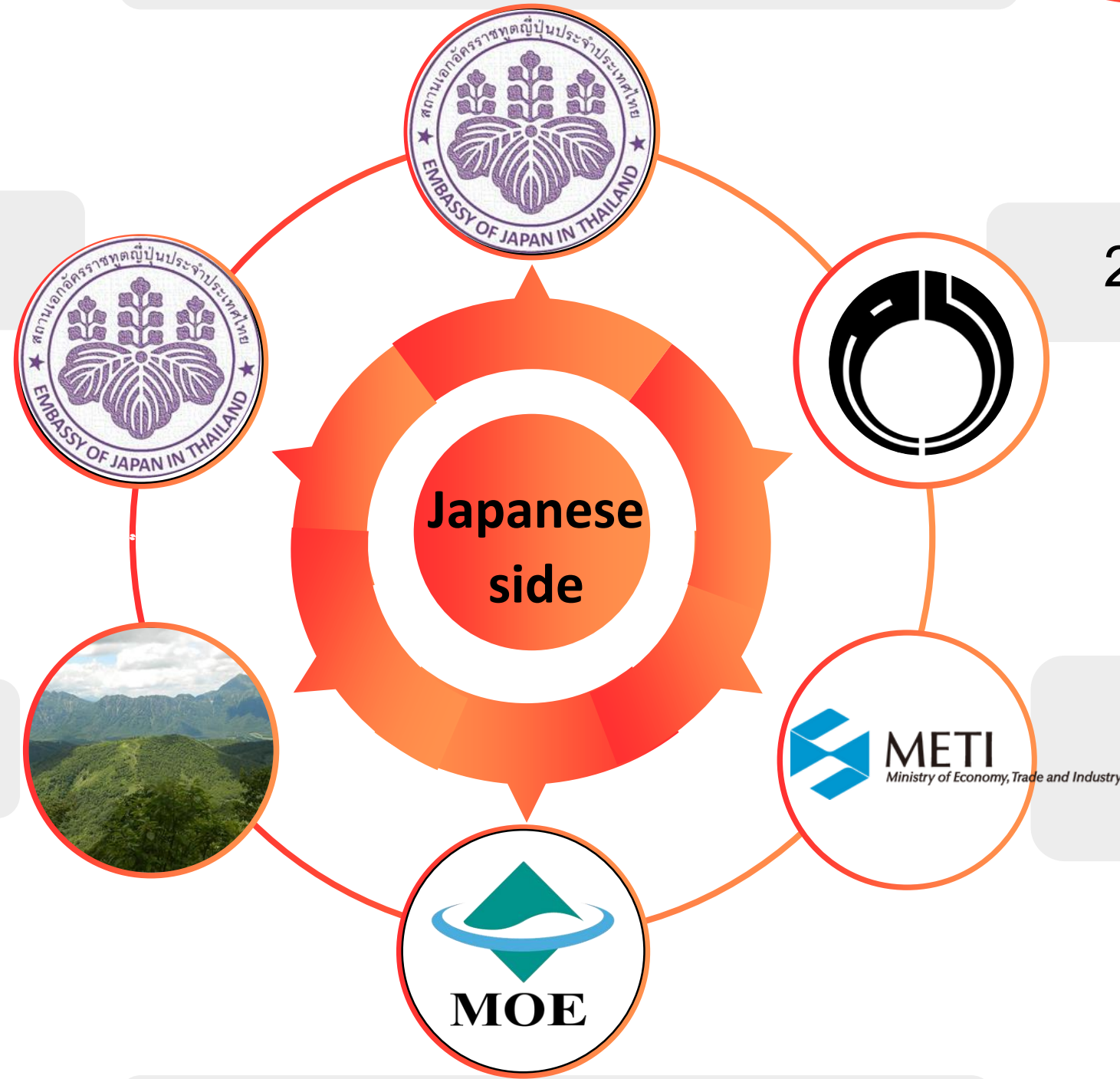
6. Embassy of Japan in Thailand

2. Ministry of Foreign Affairs

5. Forestry Agency

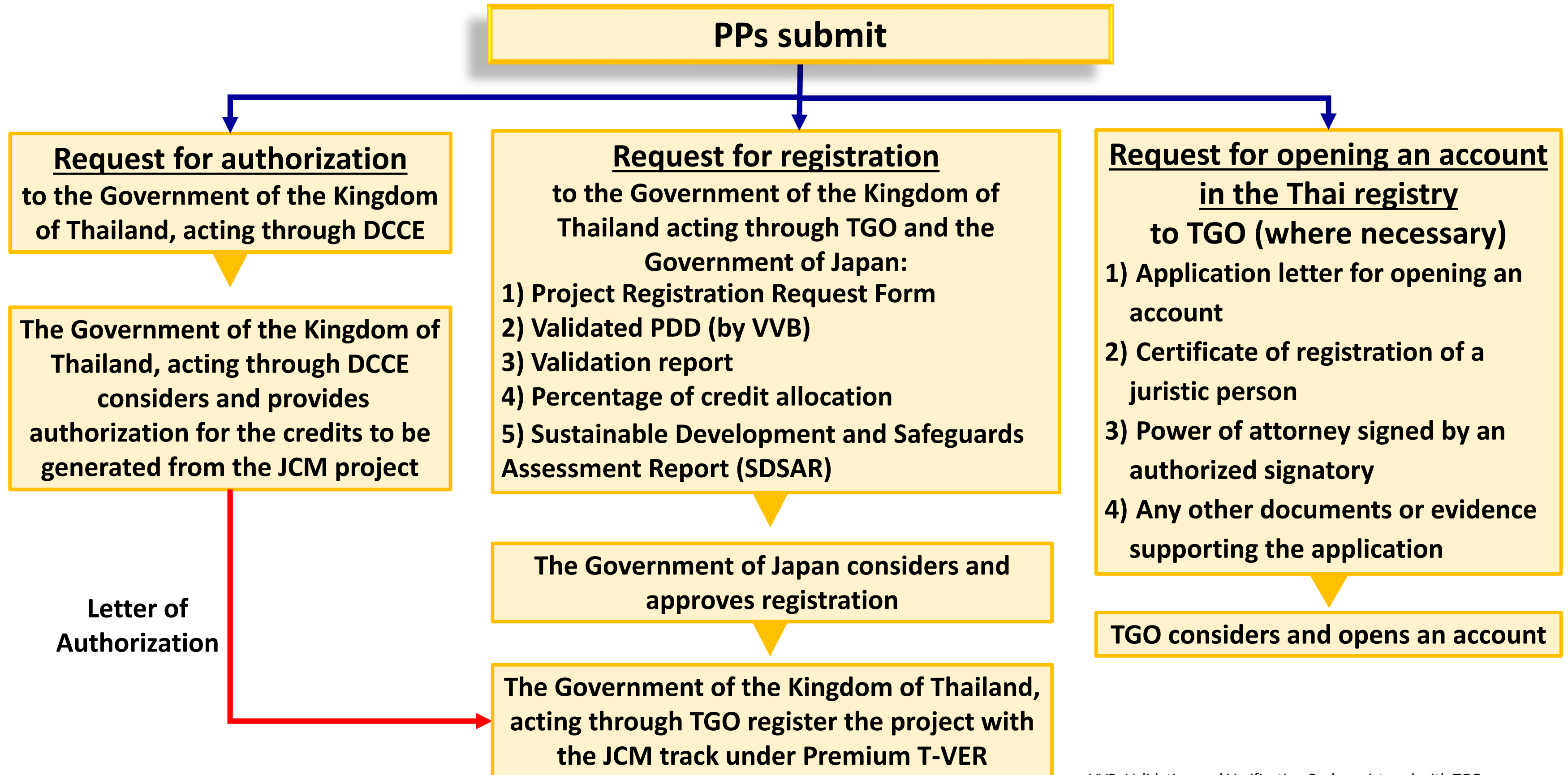
3. Ministry of Economy, Trade and Industry

4. Ministry of the Environment





Project Development Step 2: Project Registration





Project Development Step 2: Project Registration

Request for registration

- Required documents**
- 1) **Project Registration Request Form**
 - 2) Validated PDD
 - 3) Validation report
 - 4) Percentage of credit allocation
 - 5) SD & Safeguards Assessment Report



List of documents to be attached to this form <i>(Please check to confirm)</i>	PDD (latest version)	<input type="checkbox"/>
	MoC	<input type="checkbox"/>
	Validation report	<input type="checkbox"/>
	SDSAR	<input type="checkbox"/>
	Percentage of Credit Allocation Form	<input type="checkbox"/>
Reference number		
Title of the project		
Focal point entity		
Third-party entity (TPE)		
Applied methodology	No.	
	Version	
	Title	
	Sectoral scope	



Request for registration

Required documents

- 1) Project Registration Request Form
- 2) Validated PDD**
- 3) Validation report
- 4) Percentage of credit allocation
- 5) SD & Safeguards Assessment Report



Joint Crediting Mechanism Guidelines for Developing Project Design Document and Monitoring Report

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1. Scope and applicability	2
2. Terms and definitions	2
3. General guidelines	2
4. Developing a PDD.....	5
4.1. Completing a PDD form	5
4.2. Developing a Monitoring Plan.....	13
4.3. Preparing for actual measurement	14
5. Monitoring.....	17
5.1. Conducting monitoring.....	17
5.2. Data correction for actual measurement	17
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Project Development Step 2: Project Registration



■ About The Mechanism

■ Joint Committee

- JC Members
- JC Decision

■ Rules and Guidelines

■ Third Party Entity

■ Methodologies

- Proposed methodologies
- Approved methodologies
- Methodologies under put on hold

■ Project Cycle Search

- Project Cycle Search
- Request for registration
- Registered project
- Issuance of credits
- Request for post-

Registered project

Project title

Status

Reference number

[\[Advanced Search\]](#)

Total projects found: 11

Reference number	Project title	Status	Registration date	Emission Reductions (Average)
TH014	Introduction of 5MW Floating Solar Power System on Industrial Water Reservoir in Thailand	Project registered	28 Sep 20	2,539

Source: <https://www.jcm.go.jp/th-jp/projects/register>



Request for registration

Required documents

- 1) Project Registration Request Form
- 2) **Validated PDD**
- 3) Validation report
- 4) Percentage of credit allocation
- 5) SD & Safeguards Assessment Report



Source: https://www.jcm.go.jp/th-jp/projects/78/pdd_file

JCM Project Design Document Form

A. Project description

A.1. Title of the JCM project

Introduction of 5MW Floating Solar Power System on Industrial Water Reservoir in Thailand

A.2. General description of project and applied technologies and/or measures

The project involves installation of 5MW Floating solar farm equipment utilizing industrial Reservoir pond inside of Kabinburi Industrial Zone. The project is implemented by TSB Bangkok Co., Ltd., a company utilizing the crystalline silicon photovoltaic (PV) modules of Econess Energy Co., Ltd. as well as Power Optimizer of GNE New Energy Technology Co., Ltd..

PV system on the water will give higher power generation efficiency compared to the solar system on the ground under high atmosphere temperature due to the lower surface temperature of PV module.

The optimizer has a power shutdown function for each PV module. It can prevent an electric shock for Firefighters in case of fire. And monitoring function of the optimizer can detect leakage accident of PV module. The use of optimizer also minimizes the power generation loss of PV module string by PV module's specification variation.



Request for registration

- Required documents**
- 1) Project Registration Request Form
 - 2) Validated PDD
 - 3) Validation report**
 - 4) Percentage of credit allocation
 - 5) SD & Safeguards Assessment Report



JCM Validation Report Form

A. Summary of validation

A.1. General Information

Title of the project	<input type="text"/>
Reference number	<input type="text"/>
Third-party entity (TPE)	<input type="text"/>
Project participant contracting the TPE	<input type="text"/>
Date of completion of this report	<input type="text"/>

A.2 Conclusion of validation

Overall validation opinion	<input type="checkbox"/> Positive <input type="checkbox"/> Negative
----------------------------	--

A.3. Overview of final validation conclusion

Only when all of the checkboxes are checked, overall validation opinion is positive.

Item	Validation requirements	No CAR or CL remaining
Project design document form	The TPE determines whether the PDD was completed using the latest version of the PDD forms appropriate to the type of project and drafted in line with the Guidelines for Developing the Joint Crediting Mechanism (JCM) Project Design Document, Monitoring Plan and Monitoring Report.	<input type="checkbox"/>
Project description	The description of the proposed JCM project in the PDD is accurate, complete, and provides comprehension of the proposed JCM project.	<input type="checkbox"/>



Project Development Step 2: Project Registration

Request for registration

Required documents

- 1) Project Registration Request Form
- 2) Validated PDD
- 3) Validation report
- 4) Percentage of credit allocation**
- 5) SD & Safeguards Assessment Report



JCM Percentage of Credit Allocation Form

Title of the project							
Reference number							
Type and duration of crediting period							
Allocation of credits among project participants and/or both governments in percentage							
	Name and account number of project participants					Both governments	
	Name: Account number:	Name: Account number:	Name: Account number:	Name: Account number:	Name: Account number:	Government of Thailand	Government of Japan
Registry	<input type="checkbox"/> Government of Thailand <input type="checkbox"/> Government of Japan	<input type="checkbox"/> Government of Thailand <input type="checkbox"/> Government of Japan	<input type="checkbox"/> Government of Thailand <input type="checkbox"/> Government of Japan	<input type="checkbox"/> Government of Thailand <input type="checkbox"/> Government of Japan	<input type="checkbox"/> Government of Thailand <input type="checkbox"/> Government of Japan		
Percentage of credit allocation for a crediting period	Year 1						
	Year 2						
	Year 3						
	Year 4						
	Year 5						
	Year 6						
	Year 7						
	Year 8						
	Year 9						
	Year 10						
	Year 11						
	Year 12						
	Year 13						
	Year 14						
	Year 15						

Note:

- Please select a type and duration of a crediting period from a fixed period of 10 years or a renewable period of five (5) years which may be renewed twice at the maximum.
- The percentage of credit allocation may be filled in for each year of the selected period of 10 years for a fixed crediting period or five (5) years to the maximum of 15 years for a renewable crediting period, whereas credits may be issued for emission reductions or removals achieved until the end of the period referred to in paragraph 7 of the Rules of Implementation of the Joint Crediting Mechanism (JCM) for Existing Projects.
- Account numbers may be filled in if project participants already have one.



Request for registration

Required documents

- 1) Project Registration Request Form
- 2) Validated PDD
- 3) Validation report
- 4) Percentage of credit allocation
- 5) **SD & Safeguards Assessment Report**



Joint Crediting Mechanism Guidelines for Developing Sustainable Development and Safeguards Assessment Report and Monitoring Report

CONTENTS

1. Objectives	2
2. Scope and applicability.....	2
3. Terms and definitions	2
4. General guidelines	2
5. Developing SDSAR and SDSMR	4
5.1. Completing a SDSAR form	4
5.2. Completing a SDSMR form.....	15

Part	Details
1) General information of the project area before project implementation	Details about Environment and natural resources, society and economic
2) Sustainable Development Goals	Contributions of the proposed project to at least two SDGs, in addition to SDG13: Climate Action with proposed monitoring parameters
3) Do no net harm	Identification any negative environmental and socio-economic impacts and mitigation plan in order to ensure that project activities do no net harm with proposed monitoring parameters



Request for registration

Required documents

- 1) Project Registration Request Form
- 2) Validated PDD
- 3) Validation report
- 4) Percentage of credit allocation
- 5) **SD & Safeguards Assessment Report**



JCM	Joint Crediting Mechanism	SDSAR
	Sustainable Development and Safeguards Assessment Report	VERSION 01

Sustainable Development and Safeguards Assessment Report

Project description	
Title	
Project participant (Thai)	
Project participant (Japanese)	
Project location	
Latitude, longitude	
Project status	

Report description		
Date of report completion		
Version		
Corresponding author	Name	
	Title	
	Organization	
	Telephone	
	E-mail	

Note:

- Related figures, documents, evidence related to the description may be attached as annex.
- In the case where there is any other relevant issue that needs to be considered, it shall be specified in the last row of each area of assessment.



Project Development Step 2: Project Registration

Open an account in the Thailand Carbon Credit Registry



Nollapun Tunjin

Account Number: TH-710-10300-0

Get Account Code

credit list

transaction history

10 Year Vintage Min Max

Search

Project ID	Project Title	Year Vintage	Block	Total Credit	
#186	GPSC Cogeneration Plant (Central Utility Plant #4 : CUP-4) Phase 1	2020		4000	Transfer
#208	Community biogas from swine farms Phase 3 at Thamanao Sub-district, Ch...	2019		10	Transfer
#208	Community biogas from swine farms Phase 3 at Thamanao Sub-district, Ch...	2019		10	Transfer
#208	Community biogas from swine farms Phase 3 at Thamanao Sub-district, Ch...	2019		10	Transfer

Carbon Credit Project Inventory

ALL PROJECTS
433

CERTIFIED
181

PENDING CERTIFICATION
252

PROJECTS ENDED
61

Project Information

Cancellation Records

ITMOs Transfer Records

10



Transaction Date	Project ID	Project Title	Project Type	Serial Number	Quantity	Cooperative Approach
13 Dec 2024	#S0334	Bangkok Metropolitan Area E-Bus Zon...	Use of public transportation system	TH1-BCH-S0334-64-2023-20498685-20515528-1-0	16,844	Bilateral Cooperation with
13 Dec 2024	#S0333	Bangkok Metropolitan Area E-Bus Zon...	Use of public transportation system	TH1-BCH-S0333-64-2023-20486307-20498684-1-0	12,378	Bilateral Cooperation with
01 Dec 2023	#S0334	Bangkok Metropolitan Area E-Bus Zon...	Use of public transportation system	TH1-BCH-S0334-57-2022-16829924-16830920-1-0	997	Bilateral Cooperation with
01 Dec 2023	#S0333	Bangkok Metropolitan Area E-Bus Zon...	Use of public transportation system	TH1-BCH-S0333-57-2022-16829005-16829923-1-0	919	Bilateral Cooperation with



Project Development Step 3: Credits Issuance

PPs submit

Request for fulfillment of authorization
to the Government of the Kingdom of Thailand, acting through DCCE

The Government of the Kingdom of Thailand, acting through DCCE considers and approves fulfillment of authorization

Request for credits issuance
to the Government of the Kingdom of Thailand acting through TGO and the Government of Japan:

- 1) Credits Issuance Request Form
- 2) Verified monitoring report
- 3) Verification report
- 4) SD & Safeguards Monitoring Report
- 5) Non-permanence risk report (where applicable)

The Government of Japan considers and approves the issuance of the credits

The Government of the Kingdom of Thailand, acting through TGO issues credits in the special account for the JCM in the Thai registry

Positive Examination





Request for Credits Issuance

Required documents

- 1) Credits Issuance Request Form
- 2) Verified monitoring report
- 3) Verification report
- 4) SD & Safeguards Monitoring Report
- 5) Non-permanence risk report (where applicable)



JCM Credits Issuance Request Form		
List of documents to be attached to this form <i>(Please check to confirm)</i>	Verification report	<input type="checkbox"/>
	Monitoring report	<input type="checkbox"/>
	SDSMR	<input type="checkbox"/>
A list of documents submitted (in addition to the verification report, the monitoring report and sustainable development and safeguards monitoring report (SDSMR))	Yes / No (<i>underline as applicable</i>) <i>Please ensure that all documents listed are submitted.</i> <input checked="" type="checkbox"/> (<i>please list documents if applicable</i>)	
Title of the project	<input type="text"/>	
Reference number	<input type="text"/>	
Third-party entity (TPE)	<input type="text"/>	
Period covered by this request	Start: <input type="text"/> / End: <input type="text"/>	

Name of the focal point entity:	<input type="text"/>	
Authorised signatory:	<input type="text"/>	
Last name:	<input type="text"/>	First name: <input type="text"/>
Title:	<input type="text"/>	
Specimen signature:	<input type="text"/>	
	Date: <input type="text"/>	

[Signature by the focal point of the project participants as appeared on the MoC]



Project Development Step 3: Credits Issuance

Request for Credits Issuance

Required documents

- 1) Credits Issuance Request Form
- 2) **Verified monitoring report**
- 3) Verification report
- 4) SD & Safeguards Monitoring Report
- 5) Non-permanence risk report (where applicable)



	A	B
1	Monitoring Spreadsheet: JCM_TH_AM001_ver01.0	
2	Reference Number: TH014	
3	i	EG_{i,p}
4	solar PV system number	Quantity of the electricity generated by the project solar PV system <i>i</i> during the period <i>p</i>
5		MWh/p
6	1	8000.75
7	2	
8	3	
9	4	

	A	B	C	D	E	F	G	H	I
1	Monitoring Spreadsheet: JCM_TH_AM001_ver01.0								
2	Reference Number: TH014								
3	Monitoring Plan Sheet (Calculation Process Sheet) [Attachment to Project Design Document]								
4									
5	1. Calculations for emission reductions					Fuel type	Value	Units	Parameter
6	Emission reductions during the period <i>p</i>					N/A	2,552.2	tCO ₂ /p	ER _p
7	2. Selected default values, etc.								
8	Reference CO ₂ emission factor of grid and/or captive electricity					Electricity	0.319	tCO ₂ /MWh	EF _{RE}
9	3. Calculations for reference emissions								
10	Reference emissions during the period <i>p</i>					N/A	2,552.2	tCO ₂ /p	RE _p
11	Total quantity of the electricity generated in the project during the period <i>p</i>					Electricity	8,000.75	MWh/p	Σ EG _{i,p}
12	Reference CO ₂ emission factor of grid and/or captive electricity					Electricity	0.319	tCO ₂ /MWh	EF _{RE}
13	4. Calculations of the project emissions								
14	Project emissions during the period <i>p</i>					N/A	0.0	tCO ₂ /p	PE _p



Request for Credits Issuance

Required documents

- 1) Credits Issuance Request Form
- 2) Verified monitoring report
- 3) Verification report**
- 4) SD & Safeguards Monitoring Report
- 5) Non-permanence risk report (where applicable)



JCM Verification Report Form

A. Summary of verification

A.1. General Information

Title of the project	<input type="text"/>
Reference number	<input type="text"/>
Monitoring period	<input type="text"/>
Date of completion of the monitoring report	<input type="text"/>
Third-party entity (TPE)	<input type="text"/>
Project participant contracting the TPE	<input type="text"/>
Date of completion of this report	<input type="text"/>

A.2 Conclusion of verification and level of assurance

Overall verification opinion	<input type="checkbox"/> Positive <input type="checkbox"/> Negative
<input type="checkbox"/> Unqualified opinion	Based on the process and procedure conducted, <u>XXX</u> (TPE's name) provides reasonable assurance that the emission reductions for <u>YYYY</u> (project name) <ul style="list-style-type: none"> ✓ Are free of material errors and are a fair representation of the GHG data and information, and ✓ Are prepared in line with the related JCM rules, procedure, guidelines, forms and other relevant documents



Request for Credits Issuance

Required documents

- 1) Credits Issuance Request Form
- 2) Verified monitoring report
- 3) Verification report
- 4) SD & Safeguards Monitoring Report**
- 5) Non-permanence risk report (where applicable)



JCM	Joint Crediting Mechanism	SDSMR
	Sustainable Development and Safeguards Monitoring Report	VERSION 01

Sustainable Development and Safeguards Monitoring Report

Project description	
Title	

Part1: Monitoring Measures for SDG Contributions

Provide the details on the indicators identified under 2.1 (Tables can be added based on the number of SDGs selected)

SDG Number	
SDG Target	

Part 2: Monitoring negative impact

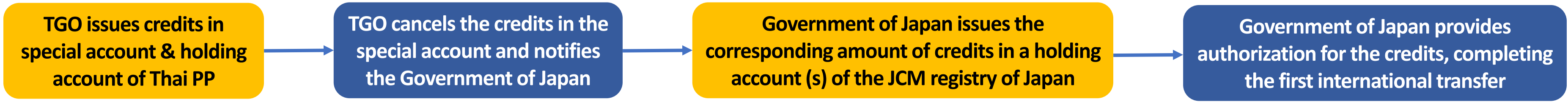
- *Provide the details of the impacts indicated under 3.1*
- *Specify monitoring measures for the identified action plans to mitigate harmful impacts to monitor and assess the implementation of such action plans.*

(Tables can be added based on the number of negative impacts identified)

+	Category of negative impact	
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Arrangements for Aligning the JCM Implementation in Thailand with Article 6



Carbon Credit Management Guideline and Mechanism

15. A transfer of carbon credits for an international objective shall be executed as follows:

15.1 a project developer files an application to transfer carbon credits for an international objective via the carbon credit registry system in accordance with the law establishing the Thailand Greenhouse Gas Management Organization (Public Organization);

15.2 the Organization records the transfer of carbon credits in accordance with the law establishing the Thailand Greenhouse Gas Management Organization (Public Organization);

15.3 the Organization prepares annual information regarding the transfers of carbon credits for international objectives in the format specified under the Paris Agreement and submits it to the Office by the end of January the following year; and

15.4 the Office applies a corresponding adjustment to avoid double counting of the greenhouse gas mitigation outcomes in accordance with the methods and procedures specified under the Paris Agreement

Regulation of the Board of Directors of Thailand Greenhouse Gas Management Organization re: rules for registration of purchases, sales, and transfers of carbon credits (No 2), B.E. 2567 (2024)

Chapter 3/2

Registration of Carbon Credits Transfer for International Objectives

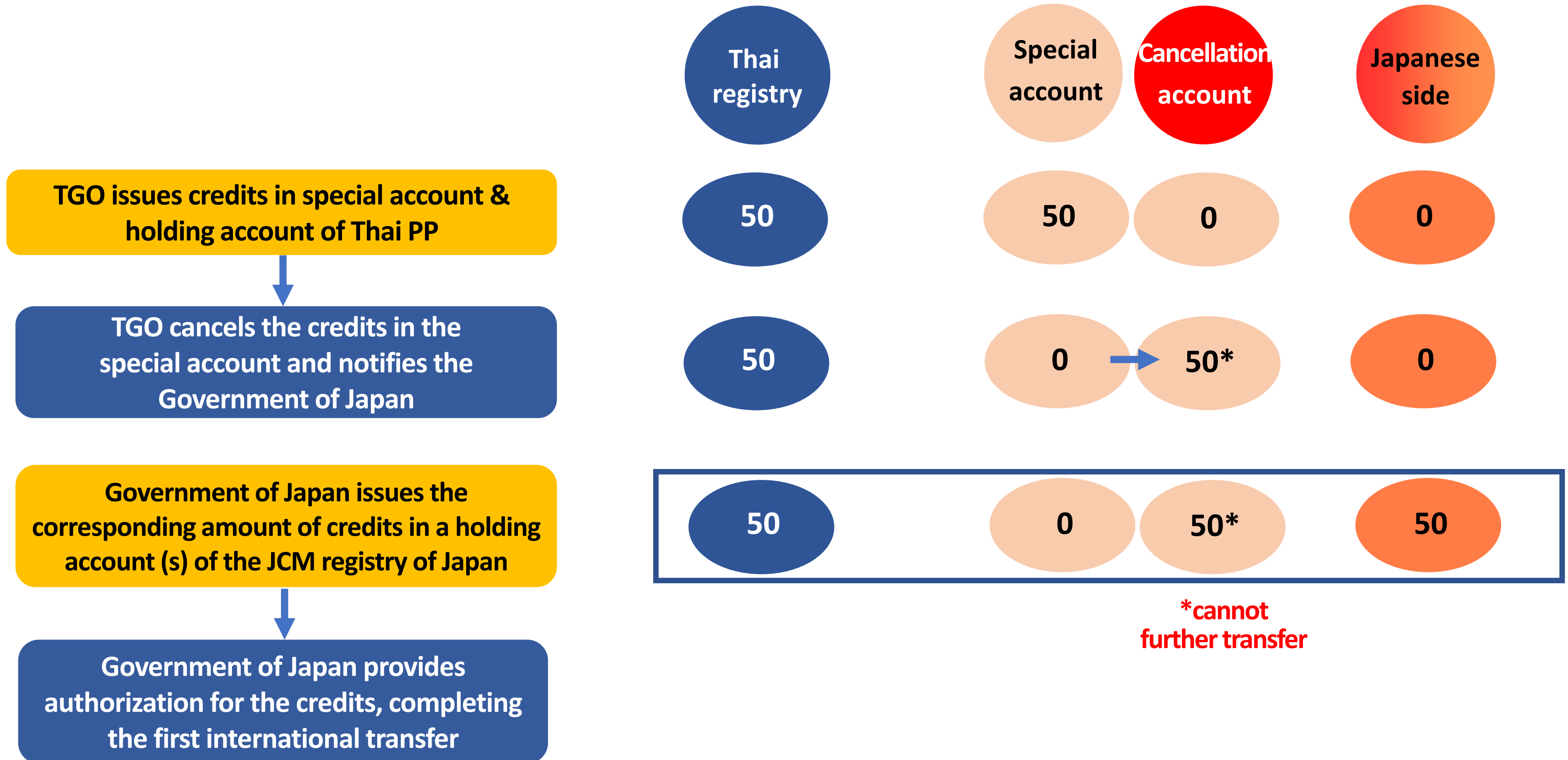
Clause 21/1 Chapter 3 shall be applicable to the registration of carbon credits transfer for international objectives, *mutatis mutandis*.

Clause 21/2 Carbon credits which an applicant can transfer for international objectives shall be from a greenhouse gas reduction project granted with the relevant Letter of Authorization, and be verified for its operational outcome as per the Letter of Authorization issued by the Department of Climate Change and Environment.

An applicant for carbon credits transfer for international objectives has duty to submit the Letter of Authorization, in paragraph one, to the Organization. Such letter shall at least contain items as follows:



Arrangements for Aligning the JCM Implementation in Thailand with Article 6





Thank You



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