

Crediting Process of the JCM and matching platform "Global Match"

(Subject to change due to bilateral consultation)

Yuji MIZUNO, PhD
Secretary-General
JCM Implementation Agency (JCMA)

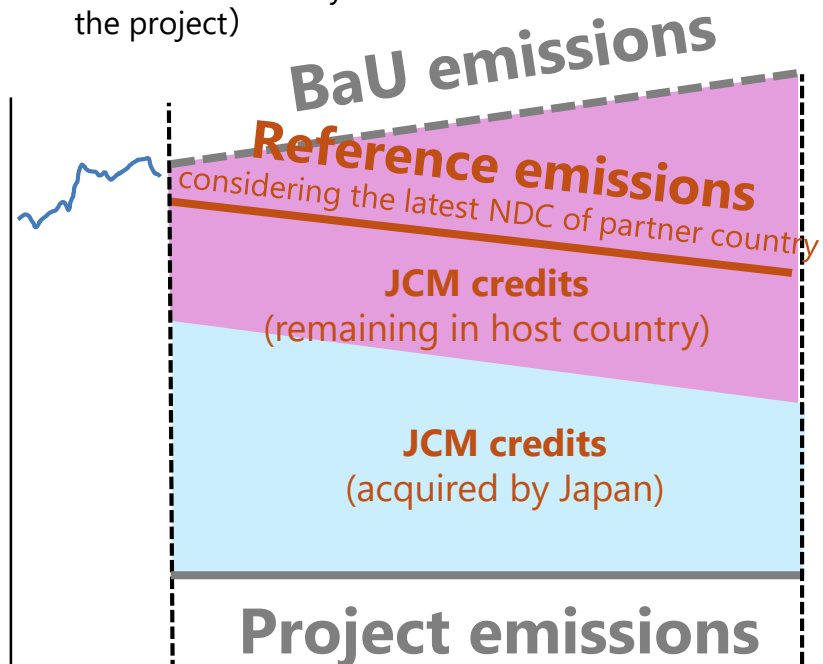
23 September 2025

Overview of calculation and sharing of JCM Credits

1. Mitigation outcomes issued as **JCM credits** are the difference between **project emissions** and **reference emissions** that are established considering the **latest NDC of partner country**.
2. **Total mitigation outcomes by JCM projects**, the difference between business-as-usual (BaU) and project emissions, **consist of mitigation outcomes that is NOT issued as JCM credits, mitigation outcomes issued as JCM credits acquired by partner countries and Japan**. All of them **contribute to achieving their NDCs**.
3. **Allocation of total mitigation outcomes for each government and participant** will be consulted bilaterally, taking into consideration their **respective contributions to the JCM project**. Such contribution includes **private and public financial contributions, in-kind contributions, such as technical and operational contributions**.

Emission amount

(from sources covered by the project)



Total mitigation outcomes by JCM projects

Mitigation outcomes not issued as JCM credits

Mitigation outcomes issued as JCM credits acquired by partner country

Mitigation outcomes Issued as JCM credits acquired by Japan

India's contribution

Reflected in partner country's inventory and contributes to achieving its NDC

Japan's contribution

Used for Japan's NDC, etc

Start of project

End of crediting period

Time

- The sharing of JCM credits is decided by the Joint Committee with prior approval of the Government of India and Government of Japan **based on the assessment of following elements**

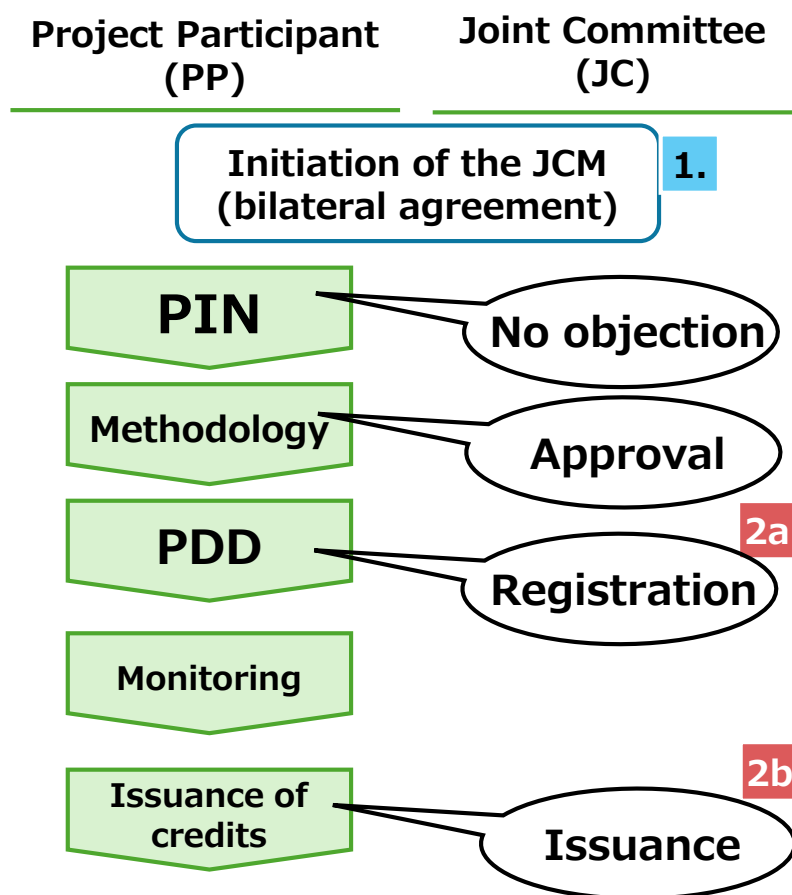
Elements to be assessed for credit sharing

- Extent of each side's respective contributions to mitigation outcomes including private and public financial contributions, such as, subsidies provided by each government wherever applicable, in-kind contributions, such as technical and operational contributions and the terms of finance.
- Extent in which the expected carbon credit revenue could lead to improvement in the unit economics of the project.

- **JCM is to be implemented in consistent with Article 6** which prescribes for the use of mitigation outcomes realized overseas towards national emissions reduction targets.
- Such prescriptions include **authorization and corresponding adjustment** to avoid double counting.
- Each government **authorizes the JCM credits to be transferred as ITMOs** for the use toward the achievement of Japan's NDC and/or for the use of other international mitigation purpose, consistent with the guidance on cooperative approaches, referred to in Article 6, paragraph 2 of the Paris Agreement (hereinafter referred to as "the guidance").
- Such **authorization** described in the preceding paragraph is **made at the time of issuance of the JCM credits.**
- **The Government of India applies corresponding adjustments** to the JCM credits issued in the JCM registry of Japan as well as the JCM credits issued in the registry of India that are authorized for the use toward other international mitigation purposes, consistent with the guidance.
- Each government checks the status of the issuance and use of JCM credits and makes sure that **double counting is avoided.**

Authorization of JCM credits can be simple

- “Authorization” is an act by Parties of authorizing the use of ITMOs from a cooperative approach as stipulated in Paris Agreement.
- Japan proposes efficient authorization arrangements to enhance foreseeability for private companies as JCM cycle covers careful examination enough for A6 authorization



1. Authorization of JCM as a cooperative approach

What	Authorization of JCM, incl authorization process
When	At the time of signing of MoC
Report	Copy of authorization attached to an initial report

2a. Authorization of Entity of each project

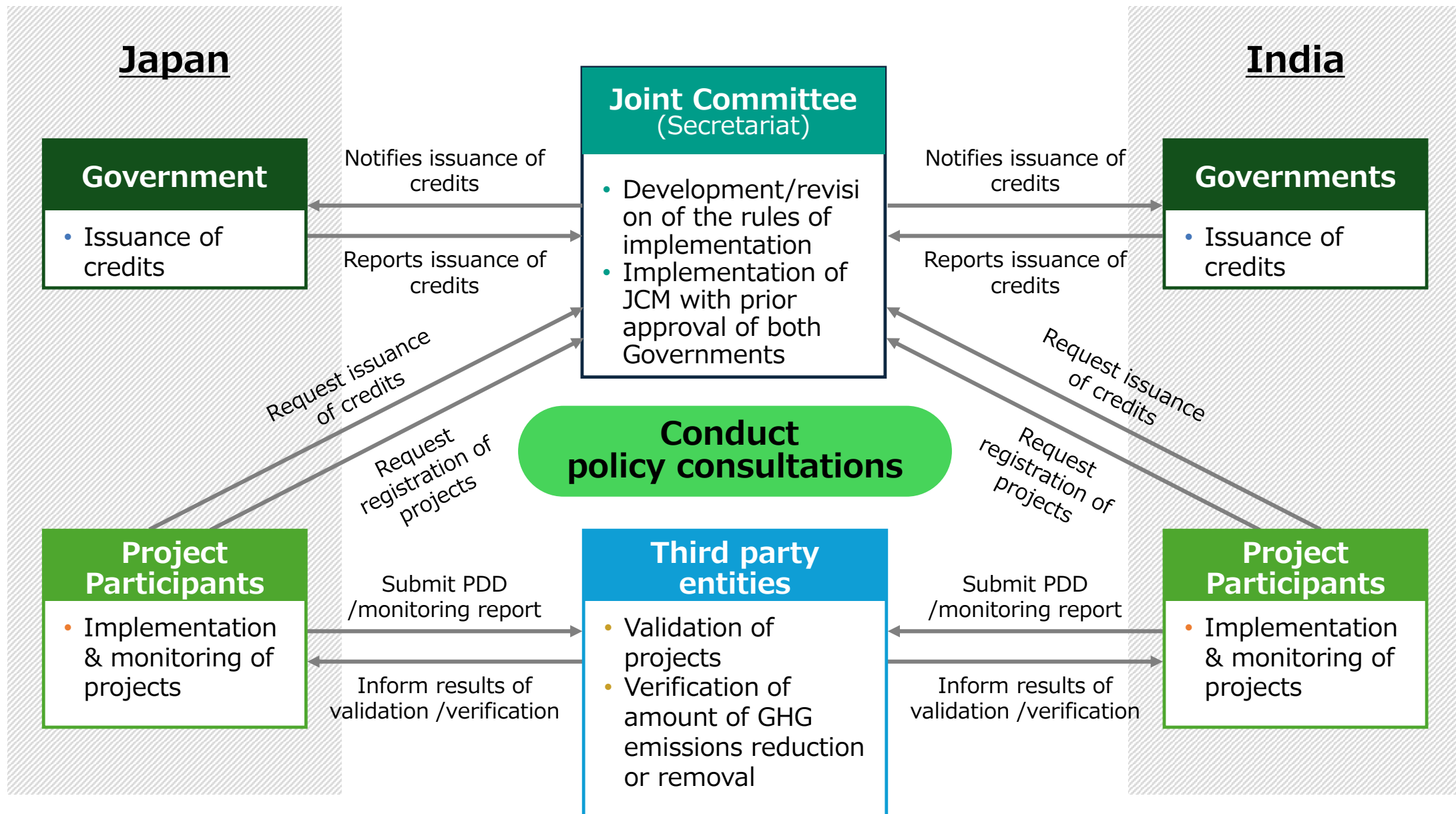
What	Entities of project participants
When	At the time of project registration
Report	Attachment to the 1. authorization

※Right after registration, the **Government of India issues a Letter of Intent for credit issuance**

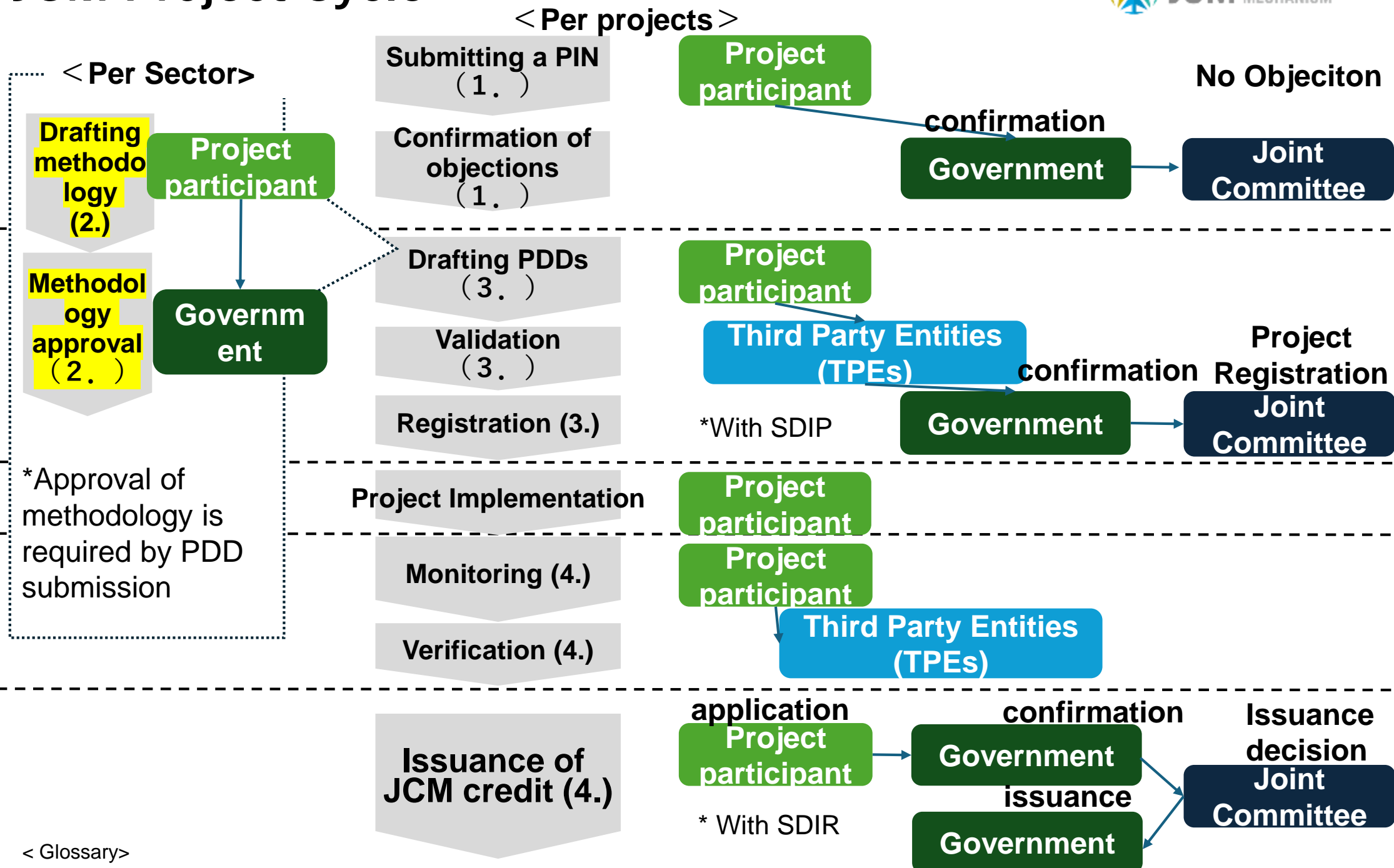
2b. Authorization of final quantity of ITMOs

What	Final quantity of ITMOs and period
When	At the time of issuance of JCM credits
Report	Attachment to the 1. authorization

Roles of actors in the JCM



JCM Project Cycle



< Glossary >

PIN (Project Idea Note): A document that explains the outline of the project to the other country and confirms whether there are any objections.

PDD (Project Design Document): A project design document that includes monitoring methods and estimated emission reductions for emission reductions. Required for project registration.

- Project Idea Note describes an overview of a planned JCM project of project participants, explain the planned project's alignment with the list of activities approved by the Government of India under Article 6.2 of Paris Agreement and alignment with the provision outlined in the MoC.
- The Joint Committee, subsequent to the in-principle approval from the Government of India, decides, with prior approval by both governments, whether to object or not to object, and upon no objection of the Joint Committee, the project participants may proceed to the request for registration of the project as JCM project.

PIN Contents (Draft)

1. **Description of the project, including how the project reduces GHG emissions**
2. **Reasons and rationale for implementing the project under the JCM**
3. Location of the project
4. Expected Schedule of the project
5. Type and duration of crediting period
6. **Expected scale of investment and financial sources**
7. Applicable JCM methodology(ies)
8. **Expected Mitigation Outcome (GHG emission reductions/removals)**
9. Contacts

- Projects should demonstrate the reasons and rationale why the project participants propose to implement the project under the JCM, instead of a purely commercial project.
- Also, describe how the proposed project provides any benefits to the partner country, given that the partner country should apply corresponding adjustments for JCM credits acquired by Japan.

Examples of Reasons and rationale for the project under the JCM

1. Features and Benefits

- Advantages of the technology and/or solution
- Superior quality of energy or materials produced
- Efficient production processes
- Participation of local companies, contributing to industrial development through capacity building and technology transfer

2. Need for Credit Incentives

- The project requires credit revenue (including subsidies) .
- Technical barriers, lack of precedents, or low awareness
- Challenges in maintenance and institutional setup
- Potential for scaling up and expanding within the country

Eligible activities under Art 6.2 in India has already been defined by MOEFCC in June, 2024

Activities finalised to be considered for trading of carbon credits under Article 6.2 mechanism to facilitate transfer of emerging technologies and mobilise international finance in India

I . GHG Mitigation Activities:

1. Renewable energy with storage (only stored component)
2. Solar thermal power
3. Off- shore wind
4. Green Hydrogen
5. Compressed bio-gas
6. Emerging mobility solutions like fuel cells
7. High end technology for energy efficiency
8. Sustainable Aviation Fuel
9. Best available technologies for process improvement in hard to abate sectors
10. Tidal energy, Ocean Thermal Energy, Ocean Salt Gradient Energy, Ocean Wave Energy and Ocean Current Energy
11. High Voltage Direct Current Transmission in conjunction with the renewal energy projects

II . Alternate Materials: 12. Green Ammonia

III . Removal Activities: 13. Carbon Capture Utilization and Storage

1. What is “JCM Global Match”?

- ◆ JCM Global Match is an entirely **free** of charge platform which facilitates match making between potential JCM project implementers.
- ◆ Around 1,000 active users have been registered from over 60 countries.

<https://gec.force.com/JCMGlobalMatch>



The screenshot shows the homepage of the JCM Global Match platform. At the top is a navigation bar with links: Home, What is JCM, How to Use, Good Practice, MDBs, and FAQ. The main header features a large image of hands stacked together, with the text "JCM Global Match" and "A FREE matching platform for decarbonizing businesses!". Below this, a paragraph states: "This business matching platform is dedicated to support formation of any kind of JCM projects to accelerate diffusion of advanced decarbonizing technologies. You can **SEARCH** for **COMMUNICATE** with other users and **ADVERTISE** your business freely in this site."

***Major features** of the “JCM Global Match”

Below the features section, there are three numbered icons: 1. FIND (Potential partner), 2. ADVERTISE (Your company to other users), and 3. DISCUSS (your business plan). Each icon has a corresponding button: "見る" (View) for FIND, "YouTube" for ADVERTISE, and "共有" (Share) for DISCUSS.

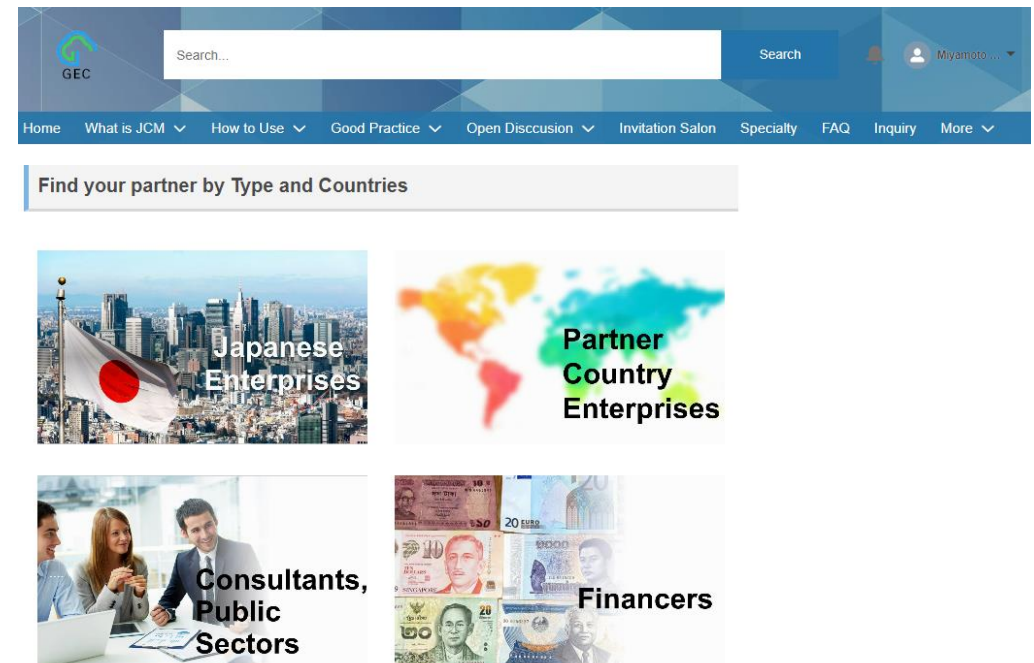
To the right of the features section is a diagram titled "Consortium for JCM". It shows a central handshake icon. To the left is a circle containing a Japanese flag and a building icon, labeled "Japanese Enterprise". To the right is a circle containing a globe icon and a building icon, labeled "Partner Country Enterprise". Below the handshake are two smaller icons: a person with a lightbulb labeled "Consultants, Public sectors" and a bank building labeled "Financers".

Feature 1: Find your business partner



① Search your potential partner by technology, country, or company name.

② Obtain company lists




Feature 2: Advertise your company to other users

2 ADVERTISE

Your company to
other users

① Update your profile page

② “Open Discussion” is also the place you can advertise your products and services freely.



Kojina Yuri
Global Environment Centre Foundation (GEC)

Company Name **INDUSTRY**

Global Environment Centre Foundation (GEC)

WEBSITE URL **INDUSTRY (Other)**

<https://gec.jp/>

DEPARTMENT

Financing Programme Group 2

COUNTRY

Japan

[Edit](#)

Among the Four Categories

Consultant/Public Sector

Mission Statement①

contributing to the conservation of the environment around the world and undertaking activities to promote international cooperation to protect the global environment

PLEASE SPECIFY HERE

introducing low-carbon technology into developing countries using the JCM, operating JCM Global Match platform

Open Discussion



Feature 3: Discuss your business plan

3 DISCUSS Your business plan

① Use “Invitation salon” for closed communications

[Home](#) [What is JCM](#) [How to Use](#) [Good Practice](#) [Open Discussion](#) [Invitation Salon](#) [Specialty](#) [FAQ](#) [Inquiry](#)



JCM Global Match

A FREE matching platform for decarbonizing businesses!

Invitation Salon

Invitation Salon is a closed chat room where you can communicate with other users keeping confidentiality.

You can create your own Invitation Salon and invite other users you'd like to speak with, and have a discussion with them in a closed set-up.

You don't have to send a matching request. Just send your invitation.

An invitee can leave a chat room after receiving an invitation but it's not of his/her interest.

Create a new Invitation Salon

Create an Invitation Salon

*Name

Description

Information

Salesforce Sans

12

B

I

U

S

Confirm