

# PIONEERING A GREEN FUTURE, TOGETHER

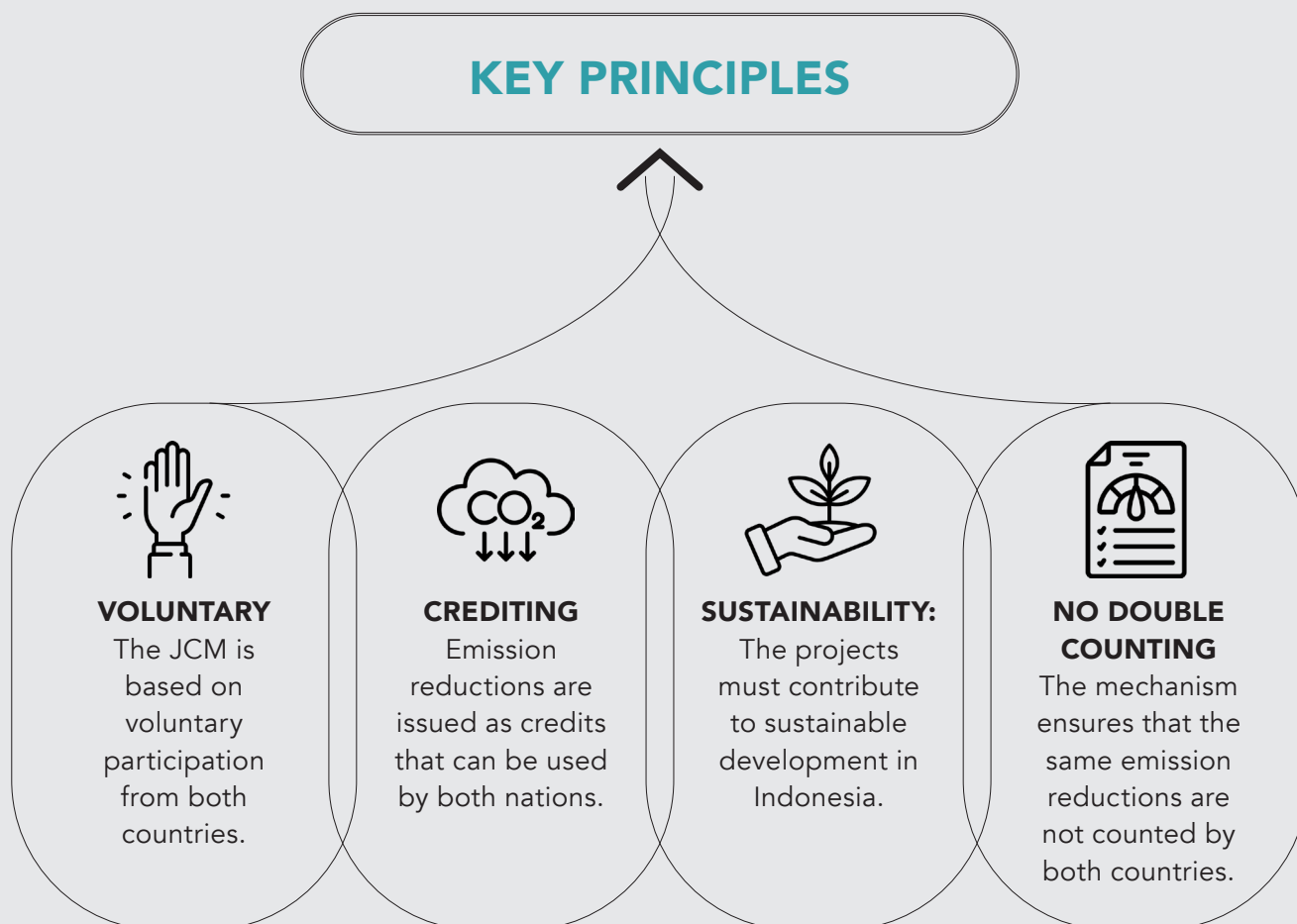
Accelerating Indonesia's low-carbon development through the Joint Crediting Mechanism (JCM) with Japan.



# WHAT IS THE JOINT CREDITING MECHANISM?

The JCM is a bilateral cooperation framework between the governments of Japan and Indonesia. It was officially initiated on August 26, 2013, and its primary goal is to facilitate the transfer and diffusion of advanced low-carbon technologies, products, and services from Japan to Indonesia.

Through this partnership, both countries work together on projects that reduce greenhouse gas (GHG) emissions. The resulting emission reductions are quantitatively measured and shared between both nations, helping them achieve their respective Nationally Determined Contributions (NDCs) under the Paris Agreement.



# THE JCM PROJECT CYCLE: FROM IDEA TO IMPACT

**The JCM follows a clear and transparent process to ensure environmental integrity.**

## PROJECT PROPOSAL

A project idea is proposed by a Japanese and Indonesian company in a partnership.

## VALIDATION

A designated third-party entity (TPE) verifies that the project meets JCM criteria and its methodology for measuring GHG reductions is robust.

## REGISTRATION

The proposed project, once validated, is officially registered by the Joint Committee, which is composed of representatives from both the Indonesian and Japanese governments.

## MONITORING & VERIFICATION

The project's performance is regularly monitored, and the GHG reductions are verified by a TPE.

## CREDITING

The verified emission reductions are issued as JCM credits, which are then shared between both countries based on their respective contributions to the project.



# JCM SECTORAL SCOPES AND HOW CBQA Global SUPPORTS YOU

**The Joint Crediting Mechanism covers these key sectors for emission**

## **1. Energy Industries**

### **(renewable and non-renewable sources)**

This sector covers projects related to the generation of energy from both renewable sources (like solar, wind, hydro) and non-renewable sources (such as coal, gas). It includes activities to reduce greenhouse gas emissions through efficient energy production.

## **2. Energy Distribution**

This includes the transmission and distribution of energy (electricity, gas, etc.) from production facilities to end-users. Improvements or innovations that reduce losses and emissions in energy distribution networks fall under this scope.

## **3. Energy Demand**

This sector covers measures to reduce energy consumption or improve energy efficiency in different sectors, such as residential, commercial, or industrial users. It involves activities like demand-side management.

## **4. Manufacturing Industries**

This involves various manufacturing processes where energy consumption and emissions can be optimized or reduced. Projects can include cleaner production techniques and waste energy recovery in manufacturing.

## **5. Chemical Industry**

Projects under this scope target emission reductions in chemical manufacturing processes. This may involve improvements in chemical processes, waste gas treatment, or substitution of raw materials to lower emissions.





# CBQA Global SERVICES RELEVANT TO JCM SCOPES

CBQA Global is a reliable certification, audit, training, verification, and validation body that supports both national and international organizations. Relevant to its role as a designated operational entity (DOE) under JCM, CBQA Global offers the following services that align with the scopes 1-5:

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- **Validation and Verification** for GHG emission reductions under these sectoral scopes, ensuring that projects meet JCM standards and contribute accurately to emission reductions.

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- **Certification of management systems**, including environmental management (ISO 14001) and greenhouse gas accounting (ISO 14064), which are critical to implement and maintain emissions reduction projects.

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- **Audits and Assessments** to evaluate energy efficiency, environmental impact, and compliance with international sustainability standards.

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- **Training** and capacity building for organizations to implement energy efficiency improvements, sustainable manufacturing practices, and clean energy projects.

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- **Consulting and Support** in sustainability strategies including GHG inventories, climate action planning, and environmental risk management.

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**Through CBQA Global's expertise, you gain trusted support across the project lifecycle—from development through monitoring and reporting—ensuring credible contributions to Indonesia's low-carbon goals.**

# A CATALYST FOR INDONESIA'S GREEN ECONOMY

## TECHNOLOGY TRANSFER

Gain access to cutting-edge, low-carbon technologies from Japan, accelerating Indonesia's transition to a green economy.

## SUSTAINABLE DEVELOPMENT

The projects create co-benefits such as job creation, improved energy efficiency, and enhanced waste management.

## INVESTMENT AND FUNDING

Receive financial support and incentives, such as up to a 50% subsidy from the Japanese government, for project implementation.

## CAPACITY BUILDING

Through collaboration, Indonesian companies and institutions gain valuable expertise in implementing and managing low-carbon projects.

## GHG EMISSION REDUCTION

Implement projects that directly reduce greenhouse gas emissions, helping Indonesia meet its national climate goals.

## JCM IN ACTION: PIONEERING PROJECTS IN INDONESIA

The JCM has already  
supported numerous projects  
across a range of sectors.  
Here are a few examples:

Installation of rooftop  
solar power systems at  
industrial facilities and  
commercial buildings.

### Renewable Energy

Introduction of high-  
efficiency equipment  
like chillers and boilers  
in factories to reduce  
energy consumption.

### Energy Efficiency

### Waste Management

Projects that capture  
methane gas from  
landfills or wastewater  
treatment to use as a  
source of energy.

Introduction of  
CNG-Diesel hybrid  
buses in cities to  
reduce emissions  
from public  
transport.

### Transportation

# PARTNERING FOR A LOW-CARBON FUTURE

ARE YOU AN INDONESIAN OR JAPANESE COMPANY  
INTERESTED IN DEVELOPING A JCM PROJECT?  
JOIN THE GROWING NUMBER OF BUSINESSES  
CONTRIBUTING TO GLOBAL CLIMATE ACTION  
WHILE DRIVING INNOVATION AND GROWTH.

[www.cbqaglobal.com](http://www.cbqaglobal.com)



YOUR TRUSTED PARTNER

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