# Project Idea Note for JCM Project

_____ *(Title of the project)*

*(Should be self-explanatory and clearly indicate the activity leading to GHG emissions reductions / removals)*

Date of Submission: dd/mm/yyyy
Partner country: _____
PIN reference number*: _____
*(*For the secretariat use only)*

The information described in this document may change as the project develops.

## 1. Description of the project, including how the project reduces/removes GHG emissions

**Please also explain the implementation structure, such as financial structure, money flow of the project, as far as possible.*

## 2. Reasons and rationale for implementing the project under the JCM

**Please explain why the project participants propose to implement the project under the JCM, instead of a purely commercial project. Please 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.*
*Please also explain how the project aligns with an eligible/positive list or relevant guidance in the partner country, if applicable.*

## 3. Location of the project

## 4. Expected Schedule of the project

| | |
|---|---|
| **Expected starting date of operation** | dd/mm/20yy |
| **Expected schedule up to the starting date of operation.** | |

## 5. Type and duration of crediting period

☐ Fixed period of 10 years
☐ Renewable period of five (5) years, which may be renewed twice at the maximum
☐ Other (please specify: )

## 6. Expected scale of investment and financial sources

| | |
|---|---|
| **Total investment cost** | In national currency:<br>In Japanese Yen: |
| **Contribution by Japanese private finance** | In national currency:<br>In Japanese Yen:<br>* |
| **Contribution by the Government of Japan for the JCM** | In national currency:<br>In Japanese Yen:<br>** |
| **Contribution from the existing schemes and programmes of Partner Countries** | In national currency:<br>In Japanese Yen:<br>** |

** Please explain how the project will be financed and what financial contribution or economic incentive will make the project viable, in case there is no financial support from the Government of Japan for the JCM:*

*** Please explain what kind of financial support is expected, in case there is financial support from the Government of Japan for the JCM or from the existing schemes and programmes of the Government of partner country.*

## 7. Applicable JCM methodology(ies)

☐ Existing methodology(ies) (Please specify)_____

☐ New methodology(ies) needed (Briefly explain the status below)

_____

## 8. Expected Mitigation Outcome (GHG emission reductions/removals)

| **Mitigation Outcome** | **Amount** | **Explanatory note** *Please explain how those numbers are calculated and the reason for allocation*. |
|---|---|---|
| A. Expected GHG emission reductions/ removals against reference emissions* (JCM credits) | $tCO_2eqt$/ year (average) | |
| (optional) Credits acquired by Japanese companies and/or government | % | |
| (optional) Credits acquired by partner country's companies and/or government<br>*These reductions should be reflected in the partner country's GHG inventory* | % | |
| B. (optional) Expected GHG emission reductions/removals against Business-as-usual (BaU) emissions**<br>*These reductions, excluding the amount of credits acquired by Japan, should be reflected in the partner country's GHG inventory* | $tCO_2eq$/year (average) | |

** The reference emissions are established below BaU, in a manner that a proposed project contributes to the achievement of the NDC of a partner country.*

*** BaU emissions represent plausible emissions in providing the same outputs or service level of the proposed JCM project in the partner country.*

## 9. Contacts

**Representative Japanese participant for the project and its roles in the project**

| | |
|---|---|
| Name of the entity | |
| Business description | |
| Roles of the entity in the project | |
| Name and position of the contact person | |
| E-mail / Phone number | |

**Other Japanese participant(s) for the project and their roles in the project**

| | |
|---|---|
| Name of the entity | |
| Business description | |
| Roles of the entity in the project | |
| Name and position of the contact person | |
| E-mail / Phone number | |

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

| | |
|---|---|
| Name of the entity | |
| Business description | |
| Roles of the entity in the project | |
| Name and position of the contact person | |
| E-mail / Phone number | |

**Government of partner country**

| | |
|---|---|
| Name of the relevant ministry or governmental agency | |
| Name and position of the contact person | |
| E-mail / Phone number | |

**Government of Japan**

| | |
|---|---|
| Name of the relevant ministry or governmental agency | |
| Name and position of the contact person | |
| E-mail / Phone number | |

# Attachment

## Additional information for Project Idea Note for JCM Project in Thailand

1. Select the project model

☐ Single project
☐ Bundled project
☐ Programme of Activities (PoA)

2. Select the eligible project type from the table in accordance with Thailand's International Carbon Credit Guideline approved by the Cabinet resolution on 26 August 2025

| Project type | Details |
|---|---|
| Capture, storage or utilization of greenhouse gases | ☐ Carbon Capture and Storage (CCS) |
| | ☐ Carbon Capture and Utilization (CCU) |
| | ☐ Direct Air Capture (DAC) |
| | ☐ Other …… |
| Renewable energy or fossil fuel replacement | ☐ Green hydrogen energy |
| | ☐ Tidal energy |
| | ☐ Offshore wind energy |
| | ☐ Geothermal energy |
| | ☐ Sustainable aviation fuel (SAF) |
| | ☐ Production or use of green ammonia in energy and industrial sector |
| | ☐ Other<br>(Please specify the details)<br>…… |
| Improvement of energy efficiency in buildings, factories or households | ☐ High-efficiency electric furnaces and electric boilers as fossil fuel furnace replacements |
| | ☐ High-efficiency electric motors for industrial processes |
| | ☐ Other …… |
| Improvement of efficiency of electricity or heat generation | ☐ Energy storage |
| | ☐ Green pallet production from agricultural waste for combined heat and power |
| | ☐ Other<br>(Please specify the details)<br>……..…… |
| Greenhouse gas reduction in transport sector | ☐ Electrification of transportation systems |
| | ☐ Hydrogen vehicles |
| | ☐ Plug-in hybrid electric vehicles (PHEVs) with a fuel cell |

| Project type | Details |
|---|---|
| | ☐ Electric vehicles |
| | ☐ Improvement of engine efficiency |
| | ☐ Other …… |
| Improvement of production process or management of industrial waste | ☐ Improvement of the process or technology of chemical or petrochemical production |
| | ☐ Production of low carbon cement |
| | ☐ Production of methanol using carbon dioxide or green hydrogen |
| | ☐ Reduction of the use of fluorinated gases by avoiding use, substitution, recovery, reuse, reclamation, and environmentally friendly disposal |
| | ☐ Other …… |
| Improvement of production process or management of agricultural and livestock waste | ☐ Soil management |
| | ☐ Methane reduction of rice cultivation |
| | ☐ Improvement of animal feeds |
| | ☐ Improvement of animal breeds |
| | ☐ Production of advanced bio methanol from agricultural waste and scraps |
| | ☐ Other …… |
| Wastewater or waste management using advanced technology | ☐ Technology for decomposing of food waste |
| | ☐ Community's wastewater treatment system |
| | ☐ Other …… |
| Emission reduction from forest areas | ☐ Restoration of degraded forests |
| | ☐ Sustainable forest management |
| | ☐ Forestation for carbon sequestration |
| | ☐ Other …… |
| ☐ Other project types as approved by the National Committee on Climate Change Policy (NCCC) and consistent with national mitigation plan, policy or measures<br>Please provide details on the project type(s) and the date of approval from the NCCC.<br>……<br>……<br>…… | |

3. Please provide details of technologies, equipment and systems to be deployed in the proposed project, including, where available, improved efficiency compared to a reference* scenario, which represents greenhouse gas emissions lower than business-as-usual (BaU) levels for delivering the same outputs or service levels of the proposed project in Thailand context.

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4. Role of carbon finance for mitigation activity implementation

4.1. Investment cost

Amount (in THB) and applicable exchange rate (if originally in JPY/USD)

| | |
|---|---|
| Total investment cost | …….. THB |
| Japanese side | …….. THB |
| - Private finance | …….. THB |
| - Government of Japan | …….. THB |
| Thai side | …….. THB |
| - Private finance | …….. THB |
| - Government of Thailand* | …….. THB |

i.e., Energy Conservation Promotion Fund (Ministry of Energy), Power purchase Agreement with FiT, BoI

Please provide details on any subsidy, grant, tax exemption, or other forms of support that have been received or are expected to be received for the proposed project.

...……...……

……...……

- Other institutional/private support

...……..……...……

……...……

4.2. Payback period（Optional） …….. years

Please attach the Economic Feasibility Study. Any confidential information may be redacted as necessary.

4.3. Equity IRR (if not available, project IRR)

| | |
|---|---|
| Without any support | …….. % |
| With any form of support or incentives provided by the Government of Thailand or its agencies | ..... % |
| With JCM financial support and any form of support or incentives | |

provided by the Government of Thailand or its agencies. ..... %

*If Project IRR is used, the project participant provides an appropriate WACC benchmark such as sector specific value, together with supporting references and data sources as appropriate.

5. Project participants fulfill all of the following conditions:

☐ At least 10% of mitigation outcomes (the verified amount of emission reductions from project operations) shall be retained by the Thai project participant and counted towards Thailand's NDC target

☐ To continue project operations after the end of the crediting period, without further credit issuance, for further greenhouse gas mitigation and benefits to the SDGs

6. The project activity fulfill the following conditions:

☐ Both governments implement the JCM in accordance with the relevant domestic laws and regulations in force in respective countries

☐ Not part of the NDC implementation actions

☐ Emissions reductions not occurring in the absence of project activity

☐ Project activity implemented beyond what is required by applicable laws (regulatory surplus)

☐ Barriers to the implementation of the project activity i.e., technological barriers, financial barriers, institutional barriers

7. Contribution to SDGs

Please specify at least two SDGs, other than SDG 13: Climate Action, that are supported by the project activity, and provide details on how the project contributes to each selected SDG.

☐ SDG .....:

……

☐ SDG .....:

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