

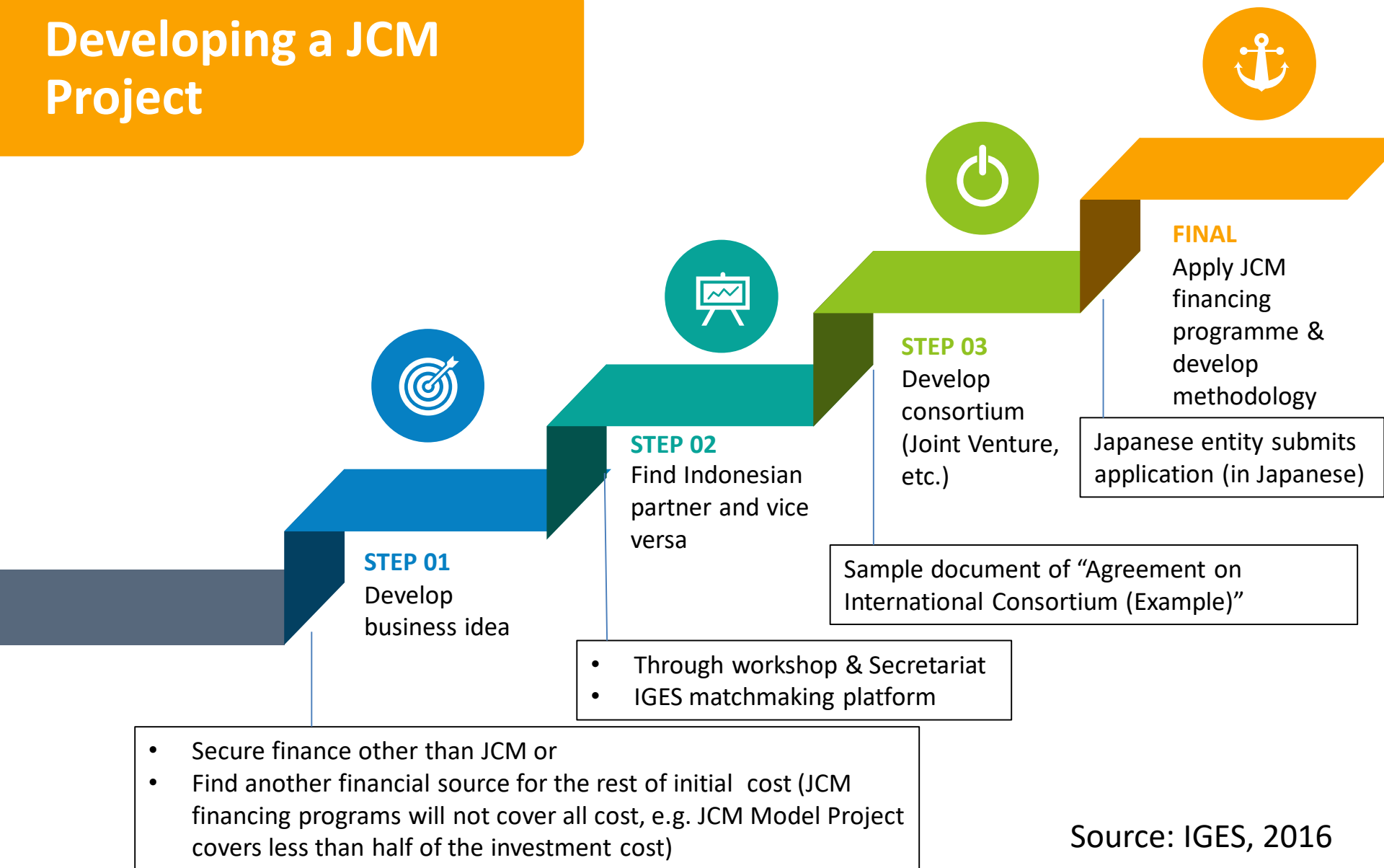


HOW TO BE JCM PROJECT PARTICIPANT



INDONESIA JCM SECRETARIAT

Developing a JCM Project



Source: IGES, 2016

How to access JCM information

Access the information through
JCM Website

<https://www.jcm.go.jp/id-jp>
<http://jcm.ekon.go.id/id/>
<http://gec.jp/jcm/>

Discuss with Japan JCM
Secretariat and Apply the
Study Idea

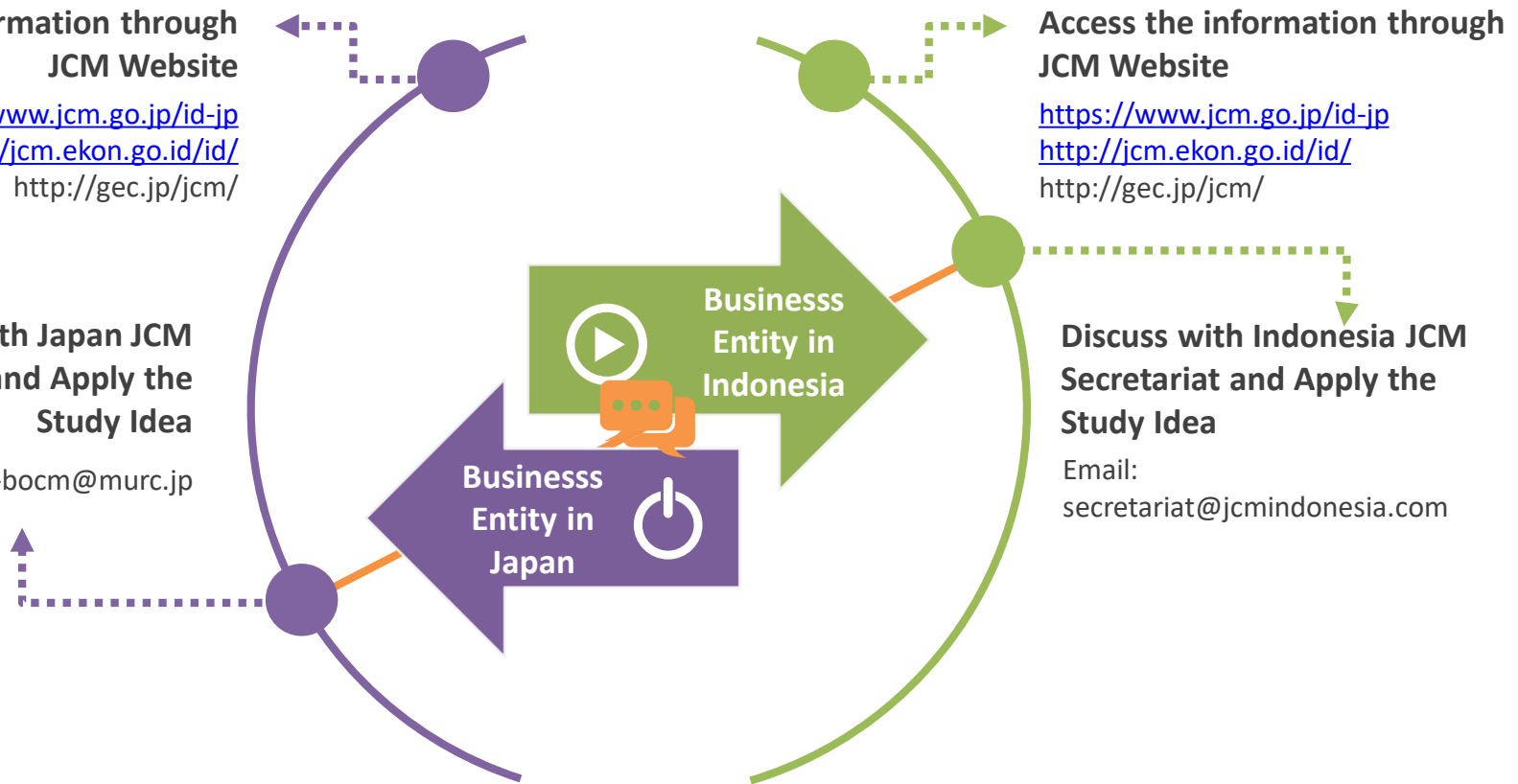
email: jcm-bocm@murc.jp

Access the information through
JCM Website

<https://www.jcm.go.jp/id-jp>
<http://jcm.ekon.go.id/id/>
<http://gec.jp/jcm/>

Discuss with Indonesia JCM
Secretariat and Apply the
Study Idea

Email:
secretariat@jcmindonesia.com



PREPARING PROJECT IDEA NOTES and SUPPORTING
MATERIALS

Project Idea Note

Project Idea Note for the JCM Model Project

| | |
|--|---|
| Document release date | 19/05/2017 |
| Title of the proposed project (should be self-explanatory and clearly indicate the activity leading to emissions reduction) | JCM Model Project "Introduction of Gas Cogeneration System by absorption type refrigerating system and PV System in Large Shopping Mall in Indonesia" |
| Host country | Republic of Indonesia |
| The main contact for the project (for identification of the person in charge for the project in terms of communication) | Name of the contact entity (company, etc): AEON Mall co., Ltd. Address of the contact entity: XXXX Website of the contact entity: XXXX Name and position of the main contact person in the entity: XXXX E-mail of the main contact person: XXX Phone number of the main contact person: XXX |
| Japanese participant[s] for the project and their roles in the project (if possible, please indicate the contact person of each entity involved in the project) | Name of the entity (company, etc): AEON Mall co., Ltd. Roles of the entity in the project: Representative Company Address of the entity: XXXX Website of the entity: XXX Name and position of the contact person in the entity: XXX E-mail of the contact person: XXX Phone number of the contact person: XXX |
| Participant[s] of host country for the project and their roles in the project (if possible, please indicate the contact person of each entity involved in the project) | Name of the entity (company, etc): PT. AMSL DELTA MAS Roles of the entity in the project: Co Participant Address of the entity: Jl. XXXXX Website of the entity: XXX Name and position of the contact person in the entity: XXX E-mail of the contact person: XXX Phone number of the contact person: XXX |

Detail project proponent info

| | | | | | |
|---|---|----------|------------------------------------|----------|---|
| Brief summary of the project Example: ➢ Objective of the project ➢ Location of the project ➢ Scale of investment including planned source of investment ➢ Technology[ies] to be adopted for the project, and brief description of the technology[ies] ➢ Project implementation scheme, and role of each participant ➢ Current status and progress of the project | <p>➤ Outline of the JCM Model Project</p> <p>PT. AMSL DELTA MAS will open "AEON MALL DELTA MAS" in late 2019. This mall will be the third core mall for Aeon Mall in Indonesia. The theme of this JCM Model Project is Introduction of Gas Cogeneration System by absorption type refrigerating system and PV System for CO2 reduction.</p> <p>➤ Scale of investment including planned source of investment</p> <ul style="list-style-type: none"> Total investment :JPY XXX (IDR XXX) Investment with subsidy: JPY XXX (IDR XXX) <p>➤ Location of the project</p> <p>Jl. XXXXX</p> <p>➤ Technology[ies] to be adopted for the project, and brief description of the technology[ies]</p> <p>Gas cogeneration system consists of Gas engine generator (3.8MW) and Absorption type refrigerating system (670RT). Absorption type refrigerating system use the waste heat from Gas engine generator in order to generate cool water for air conditioning in the mall. The capacity of PV system is 107.52kW and generates 138,118kWh/year.</p> <p>➤ Project implementation scheme, and role of each participant</p> | | | | |
| Rough estimation of expected GHG emission reductions (unit: tCO ₂ /year) | <ul style="list-style-type: none"> Gas Cogeneration System by absorption type refrigerating system: 6,883.34tCO₂/year Solar Power Generation: 112.4 tCO₂/year | | | | |
| Expected schedule up to the EPC completion and the registration under the JCM | <table border="1"> <tr> <td>2017 May</td> <td>Submit proposal to JCM application</td> </tr> <tr> <td>2017 Nov</td> <td>Start engineering and manufacturing of facilities/machinery</td> </tr> </table> | 2017 May | Submit proposal to JCM application | 2017 Nov | Start engineering and manufacturing of facilities/machinery |
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| 2017 Nov | Start engineering and manufacturing of facilities/machinery | | | | |

Detail project information

GEC JCM matchmaking platform

Global Environment Center, a Japanese institution, was appointed to be an international matchmaker for JCM projects.



JCM overview: <http://gec.jp/jcm/about/>

Call for proposals: [http://gec.jp/jcm/kobo/
Guidelines for Submitting](http://gec.jp/jcm/kobo/Guidelines for Submitting)

Proposals : [http://gec.jp/jcm/jp/kobo/h31/mp/\(tentative\)2
019 Guidelines for Submitting Proposals.pdf](http://gec.jp/jcm/jp/kobo/h31/mp/(tentative)2019_Guidelines for Submitting Proposals.pdf)

Japan Fund for the JCM (Trust Fund of Asian Development

Bank): [https://www.adb.org/site/funds/funds/japan-fund-
for-joint-crediting-mechanism](https://www.adb.org/site/funds/funds/japan-fund-for-joint-crediting-mechanism)

Twitter (EN/JP): https://twitter.com/GEC_JCM_Info

JCM financing scheme

01 JCM Model Projects

02 ADB Trust Fund: Japan Fund for Joint Crediting Mechanism (JFJCM)

03 JCM DEMONSTRATION PROJECT



JCM financing scheme

JCM Model Projects by Ministry of Environment

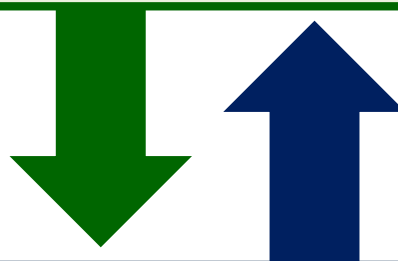
The budget for projects starting from FY 2018 is 6.9 billion JPY (approx. USD 69 million) in total by FY2020

✂ Includes collaboration with projects supported by JICA and other governmental-affiliated financial institute.

Finance part of an investment cost (less than half)

Conduct MRV and expected to deliver at least half of JCM credits issued

Government of Japan



International consortiums (which include Japanese entities)



ADB Trust Fund: Japan Fund for Joint Crediting Mechanism (JFJCM)

Budget for FY2018

JPY 1 billion (approx. USD 10 million) (1 USD = 100 JPY)

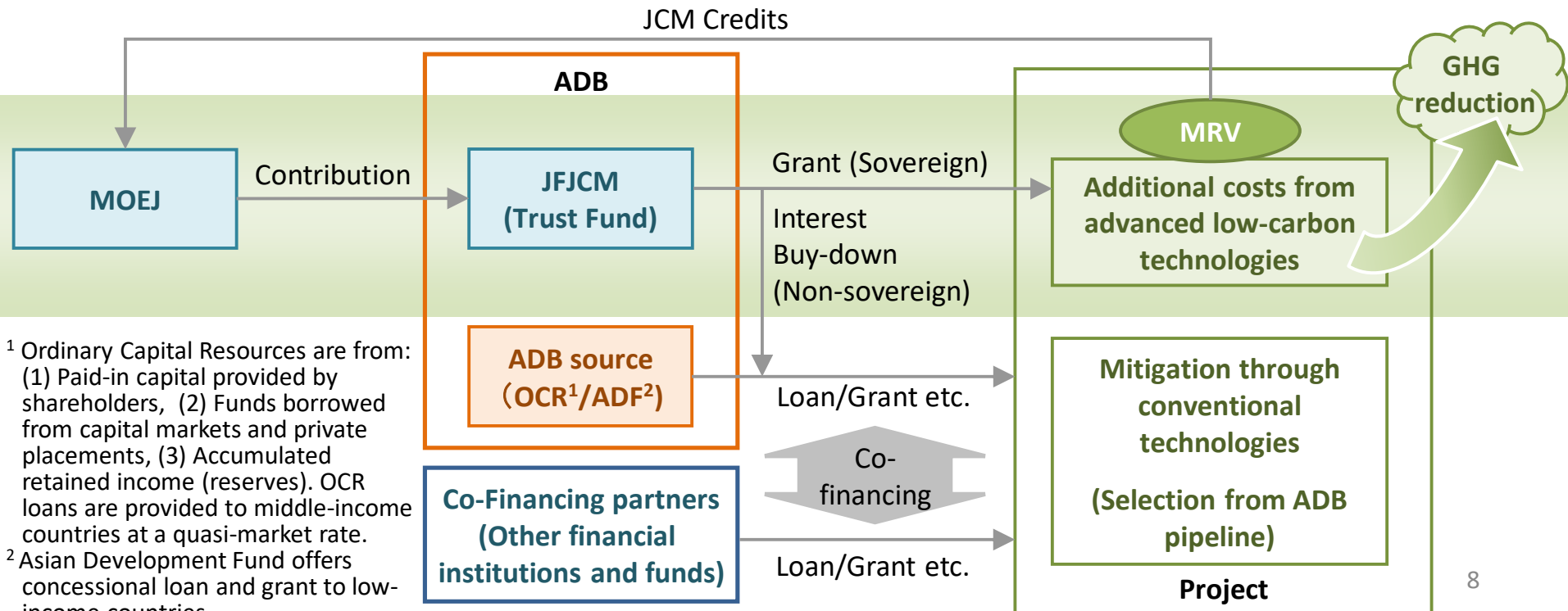
Scheme

To provide the financial incentives for the adoption of advanced low-carbon technologies which are superior in GHG emission reduction but expensive in ADB(Asian Development Bank)-financed projects

Purpose

To develop ADB projects with sustainable and low-carbon transition perspective by introducing advanced low-carbon technologies as well as to acquire JCM credits

Source: Ministry of Environment Japan, 2018



JCM demonstration project (METIJ)

Funded by Ministry of Economy, Trade & Industry Japan and implemented by New Energy and Industry Technology Development



Funding provided up to more than 50% from the investment

- Coverage of funding:
Cost of the JCM Demonstration project necessary MRV e.g. cost of design, machinery, material, labor travel, etc.
- Within certain period, the equipment will be owned by METI, subsequently it will be transferred to the participant
- Establishment of Joint Venture is not mandatory



TERIMA KASIH
Thank you