Highlights on the JCM progress and Potential Projects

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JCM Feasibility Studies in Each Host Country (FY2010-2015)

* JCM non-signatory host countries

Includes JCM Feasibility Study (FS), JCM Project Planning Study (PS), REDD+ FS, REDD+ Study, and other types of JCM study names done by the support from MOEJ, METI, and METI/NEDO.
Selected project for JCM financing (FY 2013-2015)

- Bangladesh
- Cambodia
- Chile
- Costa Rica
- Ethiopia
- Indonesia
- Kenya
- Lao
- Maldives
- Mexico
- Mongolia
- Myanmar
- Palau
- Saudi Arabia
- Thailand
- Vietnam
- Malaysia...

Total

Financed Project FY2013
Financed Project FY2014
Financed Project FY2015
Total Financed Project

JCM Model Project in Indonesia

- Energy efficiency, 14
- Renewable energies, 2
- Waste gas/heat utilization, 4
- REDD+, 1
Methodology and JCM Project

Approved Methodologies (19)
- Indonesia, 10, 53%
- Mongolia, 2, 11%
- Vietnam, 5, 26%
- Palau, 1, 5%

Number of JCM registered project by host country (8)
- Indonesia, 3
- Mongolia, 2
- Vietnam, 2
- Palau, 1
Coverage of methodology and JCM project

Type of project covered by approved methodologies (19)

- Energy Efficiency, 14, 74%
- Renewable energies, 2, 11%
- Transportation, 1, 5%
- Biogas, 1, 5%
- Waste gas/heat utilization, 1, 5%

Number of registered JCM project by type (8)

- Energy efficiency, 6, 75%
- Renewable energies, 1, 12%
- Transportation, 1, 13%

There are other sectors to be explored e.g. waste, biomass, biogas, other renewables.
Approval Process

Time from request for registration to registration (number of project)

- Less than 30 days: 7
- 61-90 calendar days: 1

Average: 20 calendar days

Time from methodology proposed to approved (number of methodology)

- Up to 30 calendar days: 3
- 31-90 calendar days: 9
- 91-180 calendar days: 3
- More than 180 calendar days: 4

Average: 107 calendar days
What projects for Indonesia?

In Indonesia, land-use change and forestry and energy sectors are the main sources of emissions.


What projects for Indonesia?

National contribution plan for climate mitigation (INDC) covers:
1. Energy (including transport)
2. Industrial processes and product use
3. Agriculture
4. Land-use, land-use change and forestry
5. Waste

JCM Financing Programme under MOEJ

- Biogas
- Energy efficiency
- Renewable energies
- Methane avoidance
- Transportation
- LULUCF/REDD+
- Biomass
- Waste gas/heat utilization
- Fuel switch

All eligible sectors for the JCM financing program:
- Japanese partner
- Cost-effectiveness
- Potential future market for the technology
- Sustainable development
# Potential projects from other countries

## Biogas utilization

<table>
<thead>
<tr>
<th>Country</th>
<th>Project Description</th>
<th>JCM Model Project</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viet Nam</td>
<td>Anaerobic Digestion of Organic Waste for Biogas Utilization at Market</td>
<td></td>
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</tbody>
</table>

## Solar power

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<tr>
<th>Country</th>
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<tbody>
<tr>
<td>Bangladesh</td>
<td>50MW Solar PV Power Plant Project</td>
<td></td>
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## REDD+

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<tr>
<th>Country</th>
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<tbody>
<tr>
<td>Lao PDR</td>
<td>REDD+ project in Luang Prabang Province through controlling slush-and-burn</td>
<td></td>
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## Waste to energy

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<td>Myanmar</td>
<td>Introduction of Waste to Energy Plant in Yangon City</td>
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### What else?
- Hydro power
- Biomass
- Co-generation
- Geothermal
- Chiller
- Boiler
- Etc.

### Where?
- Food factory
- Paper factory
- Consumer goods factory
- Buildings
- Forest
- Power plants
- Power stations
- Power distribution system
- Etc.
