

Progress in the JCM and OECC's support on the JCM project finding in Viet Nam and Mongolia

Asia Pacific Carbon Forum 2016 side event in Jeju Island, Republic of Korea

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JCM related activities by the OECC

(Programme of the Ministry of the Environment, Japan)



New Mechanisms Info. Platform

URL : <http://www.mmechanisms.org/e/>

Contents

Latest information on the JCM, such as:

- ▶ basic concept of the JCM,
- ▶ JCM partner countries,
- ▶ projects/methodologies,
- ▶ support programme by the Govt. of Japan,
- ▶ list of selected projects/studies,
- ▶ current discussion in UNFCCC,
- ▶ events/seminar, etc.

Services

- ▶ Help desk
- ▶ Providing information through websites, seminars, news letters, etc.

→ *If you wish to subscribe e-mail news letter, registration form is available at the website !!*

Contact info. for inquiries

Secretariat : Overseas Environmental Cooperation Center, Japan (OECC)

E-mail : info@mmechanisms.org

- Secretariat of the Info. Platform
- Supporting of project development in Asia and Latin America

Recent development of the JCM in Asia-Pacific region

- 16 JCM partner countries incl. 8 countries from Asia-Pacific region: Mongolia, Bangladesh, Viet Nam, Lao PDR, Indonesia, Palau, Cambodia, Myanmar and Thailand.
- In addition, the Philippines and Japan signed an aide memoire with intent to establish the JCM.

Partner Countries	No. of registered projects	No. of approved methodologies	Pipeline (Model & demonstration projects in FY13-16)
Mongolia	2	2	5
Bangladesh		1	6
Viet Nam	4	5	19
Lao PDR			2
Indonesia	6	10	27
Palau	3	1	3
Cambodia		1	4
Myanmar			3
Thailand			16

The First Issuance of JCM Credits on 13 May 2016

Japan and 16 partner countries are cooperatively developing and implementing the Joint Crediting Mechanism (JCM), which is one of international market based mechanisms in active operation. *The JCM credits were issued for the first time in May 2016, for the JCM projects between Indonesia and Japan.*

JCM projects from which the JCM credits were issued

Indonesia

Energy Efficient Refrigerants to Cold Chain Industry
PP from Japan: MAYEKAWA MFG. CO., LTD. /
PP from Indonesia: PT. Adib Global Food Supplies, PT. Mayekawa Indonesia

→ The advanced energy efficient cooling system using natural refrigerant (NH₃ and CO₂) by MAYEKAWA was introduced.

Project Sites
Bekasi, West Java & Karawang,
West Java, Indonesia
Registered on 29 Mar 2015

→ Issued credit amount is 40 t-CO₂ for February 2015 to July 2015

Q. How will the JCM Credits be allocated? (Excerpted from OECC created “FAQ on JCM”)

A. Considering the contribution towards GHG emission reductions and/or removals through the JCM project by the project participants (Japanese side), a part of the JCM credit will be allocated to the Japanese side (Japanese government and/or Japanese project participants). The actual amount will be decided between project participants and described in the credit issuance application form, and submitted to the Joint Committee. The amount of credit decided at the Joint Committee will be issued to each account.

For further information

- ✓ Information on the credit issuance is available at : <https://www.jcm.go.jp/id-jp/projects/issues>
- ✓ Information on JCM registry system for Japan is available at : <https://www.jcmregistry.go.jp/>
- ✓ Please visit New Mechanisms Information Platform for information regarding JCM: <http://www.mmechanisms.org/e/>

JCM HOME

JCM Registry System

New Mechanisms Information Platform

Japan will address the high cost barrier of introducing advanced low-carbon technologies in developing countries through the JCM.



Mongolia

High efficient boiler for heating



Viet Nam

Eco-driving with digital tachograph



Indonesia

Waste heat recovery in Cement Industry



Indonesia

Energy saving at convenience store



Palau

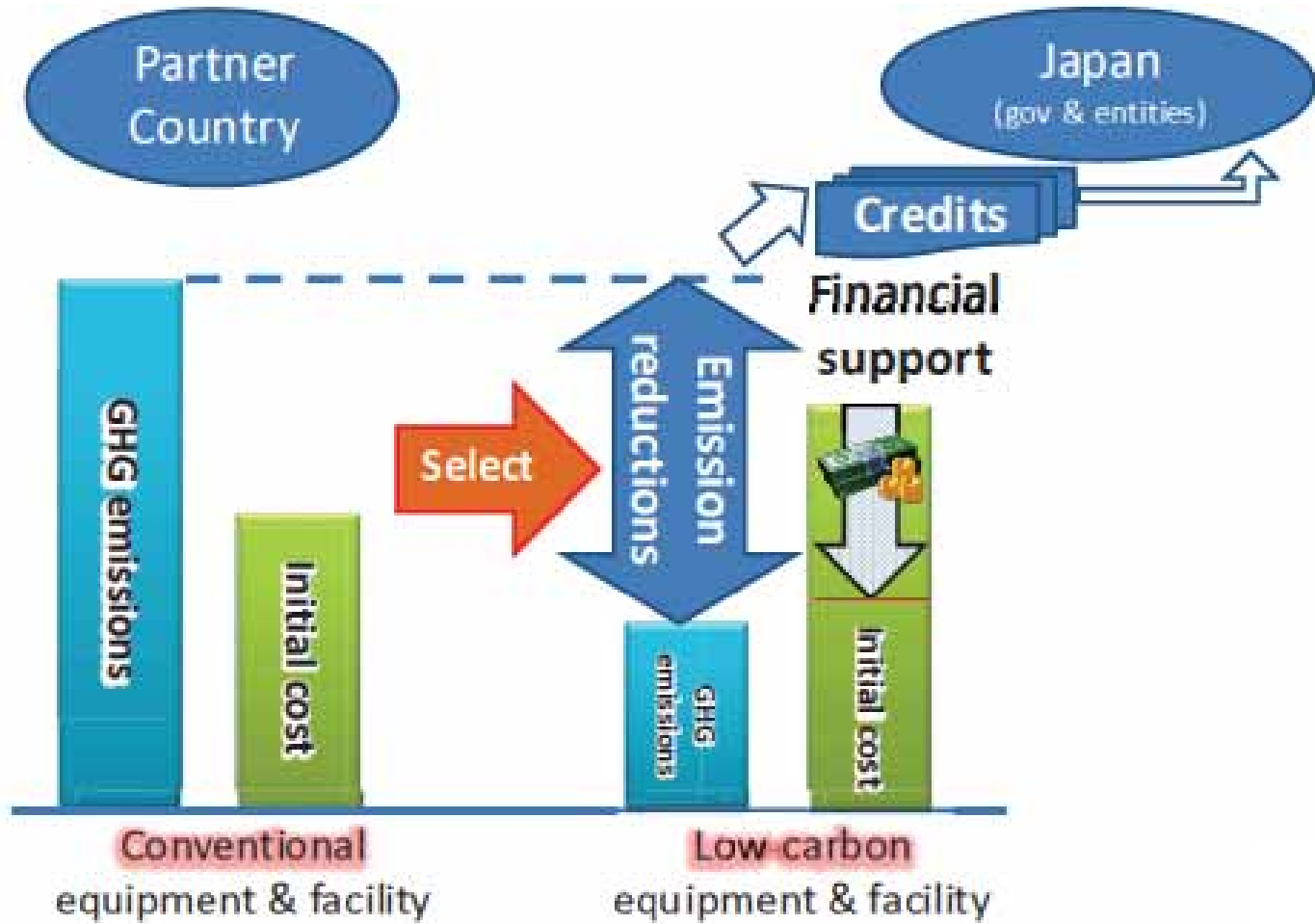
Solar power plant for commercial facilities



Cambodia

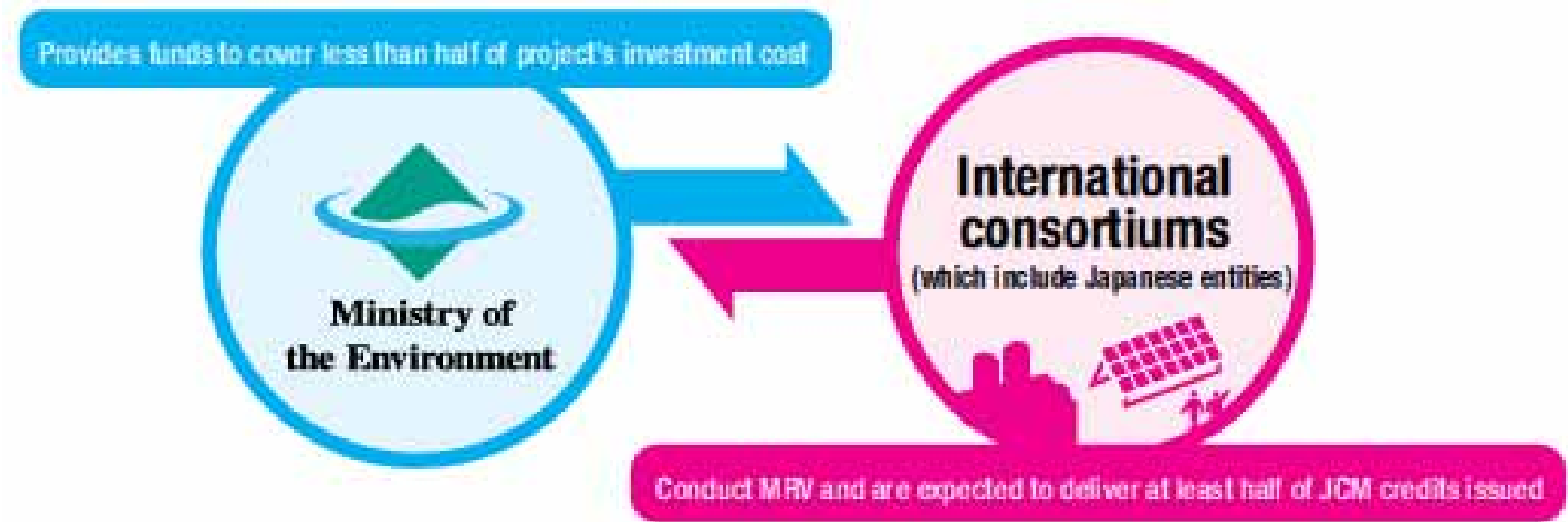
Solar PV at International School

Merits for JCM Partner Country by the JCM Financing Program by MOEJ



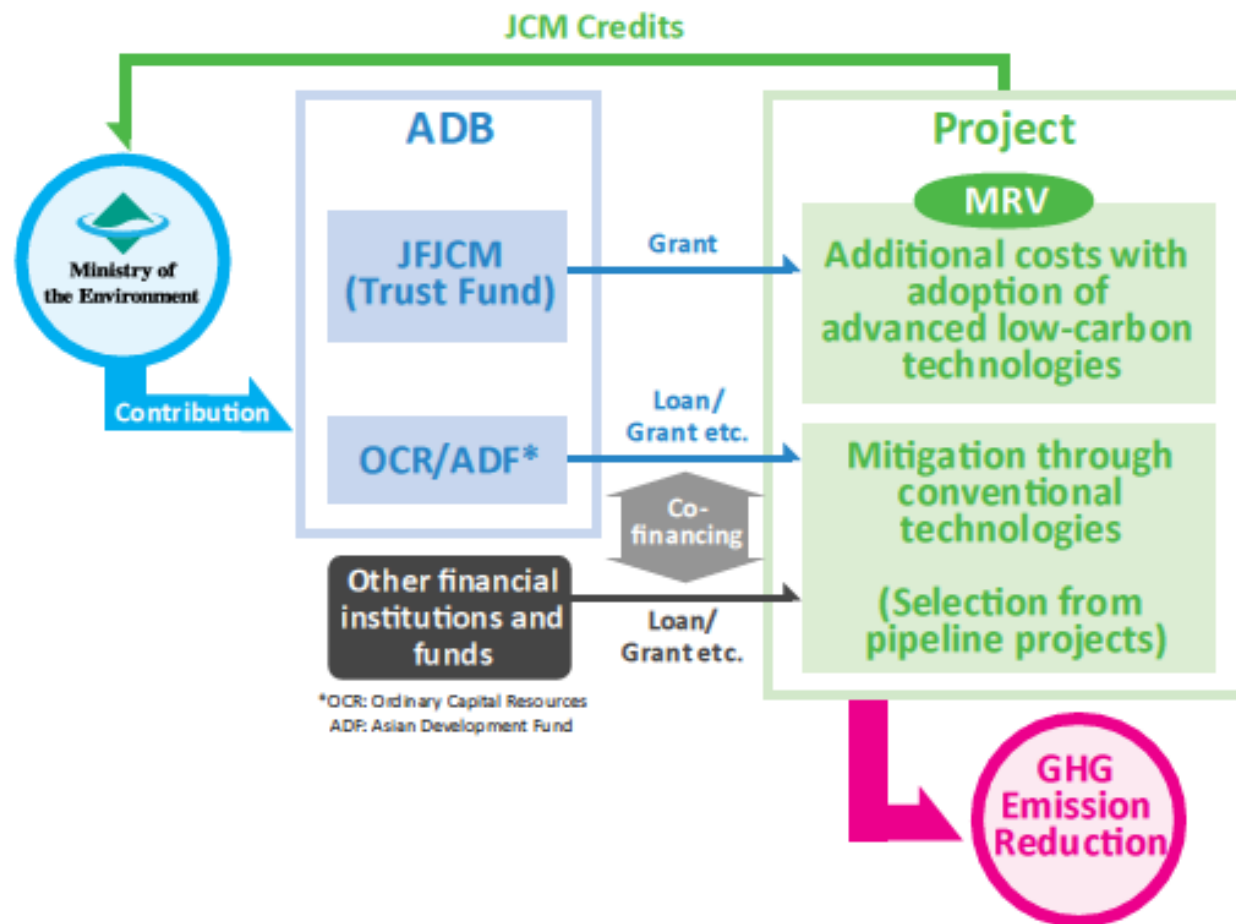
JCM Financing Scheme by the Ministry of the Environment, Japan (MOEJ)

JCM Model Projects



JCM Financing Scheme by the MOEJ (contd.)

Asian Development Bank (ADB) Trust Fund: Japan Fund for JCM (JFJCM)



Emission reduction potential by JCM projects: Installation of energy efficient transformers with amorphous metal core

Installation of energy efficient transformers in a power distribution grid to reduce no-load losses by transformers by 60%



Actual project

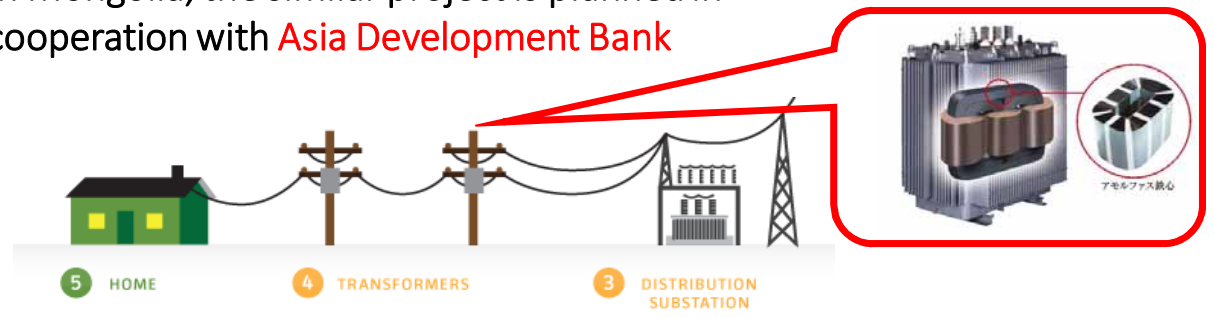
Phase 1 (started operation)
Installed 1,618 transformers
Potential emission reductions **632** tCO₂/y

Potentials

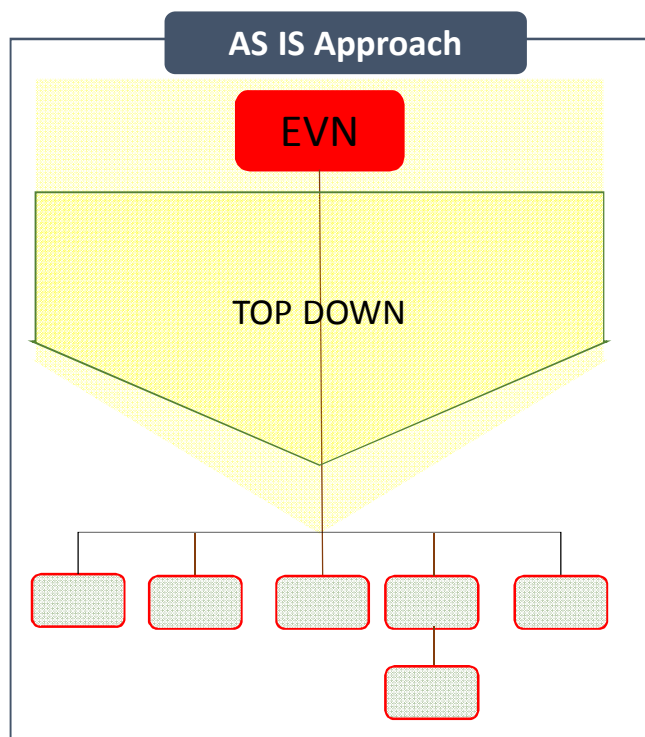
Phase 2 (in preparation)
Plan to install 4,834 transformers
Potential emission reduction **4,360** tCO₂/y

Phase 3 (in planning stage)
Plant to install transformers in Northern Viet Nam

In Mongolia, the similar project is planned in cooperation with **Asia Development Bank**

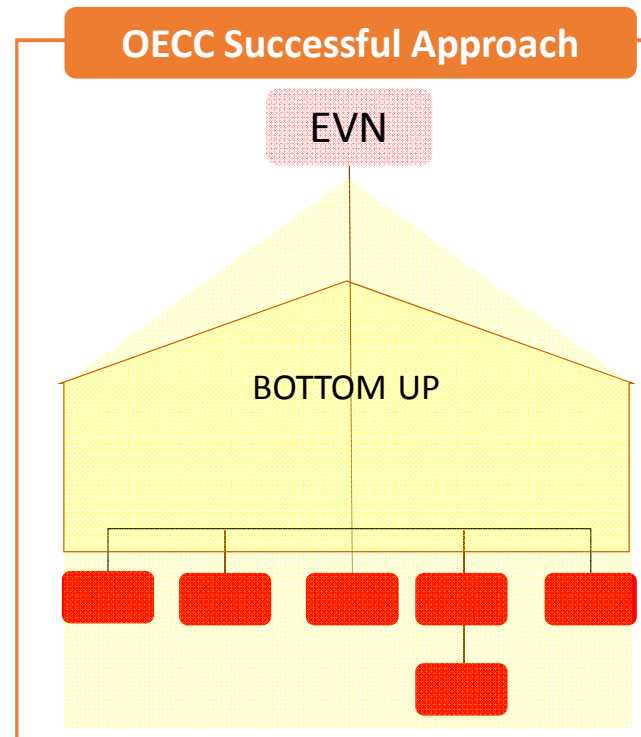


Project development support by OECC in Viet Nam: Regional Approach



Main issue:

- ✓ Each power company has different specs
- ✓ Individual procurement plan
- ✓ Unable to reach the actual regional demands

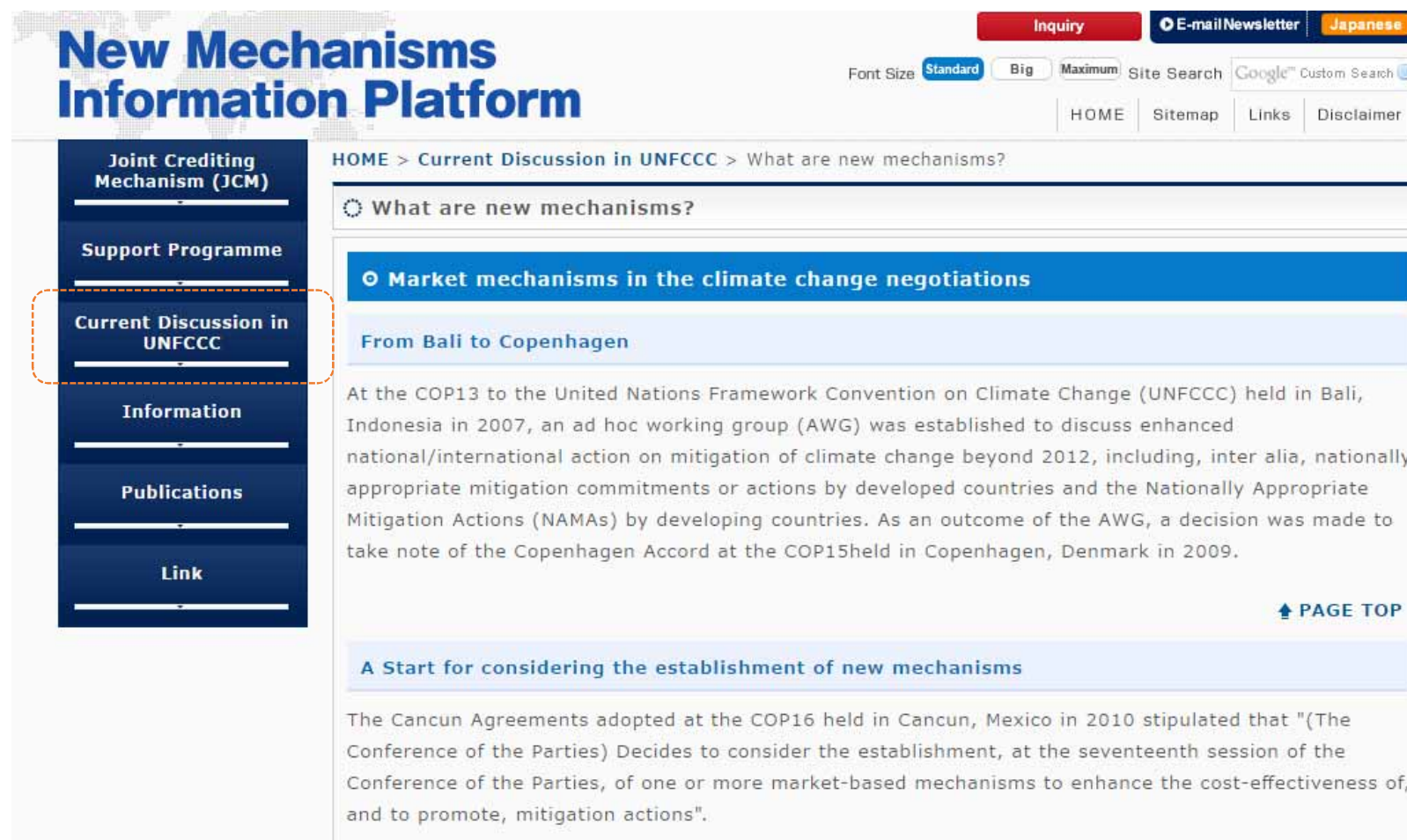


Outcome:

- ✓ Find regional needs with detailed specs and parameter

Coming Soon...!

The summary of the current discussion in UNFCCC will be uploaded to the New Mechanisms Information Platform soon!



The screenshot displays the 'New Mechanisms Information Platform' website. The main navigation menu on the left includes 'Joint Crediting Mechanism (JCM)', 'Support Programme', 'Current Discussion in UNFCCC' (highlighted with a dashed orange box), 'Information', 'Publications', and 'Link'. The main content area shows the breadcrumb 'HOME > Current Discussion in UNFCCC > What are new mechanisms?' and a search bar. The primary heading is 'Market mechanisms in the climate change negotiations', with a sub-heading 'From Bali to Copenhagen'. The text below discusses the COP13 in Bali, Indonesia, in 2007, and the establishment of an ad hoc working group (AWG) to discuss enhanced national/international action on mitigation of climate change beyond 2012. A 'PAGE TOP' link is visible at the bottom right of the text block.

New Mechanisms Information Platform

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HOME Sitemap Links Disclaimer

HOME > Current Discussion in UNFCCC > What are new mechanisms?

What are new mechanisms?

Market mechanisms in the climate change negotiations

From Bali to Copenhagen

At the COP13 to the United Nations Framework Convention on Climate Change (UNFCCC) held in Bali, Indonesia in 2007, an ad hoc working group (AWG) was established to discuss enhanced national/international action on mitigation of climate change beyond 2012, including, inter alia, nationally appropriate mitigation commitments or actions by developed countries and the Nationally Appropriate Mitigation Actions (NAMAs) by developing countries. As an outcome of the AWG, a decision was made to take note of the Copenhagen Accord at the COP15 held in Copenhagen, Denmark in 2009.

↑ PAGE TOP

A Start for considering the establishment of new mechanisms

The Cancun Agreements adopted at the COP16 held in Cancun, Mexico in 2010 stipulated that "(The Conference of the Parties) Decides to consider the establishment, at the seventeenth session of the Conference of the Parties, of one or more market-based mechanisms to enhance the cost-effectiveness of, and to promote, mitigation actions".

Thank you!

✓ FAQ on the JCM (revised as of May 2016) is available at **New Mechanisms Information Platform**
<http://www.mmechanisms.org/e/initiatives/faq.html>

✓ **Project pipelines** at a glance in **JCM brochure** ! →



✓ Please subscribe our **e-mail newsletter**.

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✓ Contact us at info@mmechanisms.org

During the APCF period (5-7 September), please drop in to **OECC exhibition booth**.