



Coordinating Ministry
for Economic Affairs
Republic of Indonesia

The JCM Development in Indonesia and Its Evolution Towards Sustainable Low Carbon Growth Cooperation

**Dr. Edwin Manansang
Head of Indonesia Joint Committee
Coordinating Ministry of Economic Affairs**

28 July 2015

International Forum for Sustainable Asia and The Pacific

Indonesia JCM projects current development

The JCM Project Progress

- 96 Feasibility Study have been done from 2010-2015
- 3 projects are registered as JCM projects.
- 18 JCM projects are now in our pipeline.
- 19 projects on energy efficiency and 2 projects on renewable energy (registered and pipeline).
- All projects are being developed with the cooperation between Indonesia and Japan participants.

The Registered Projects

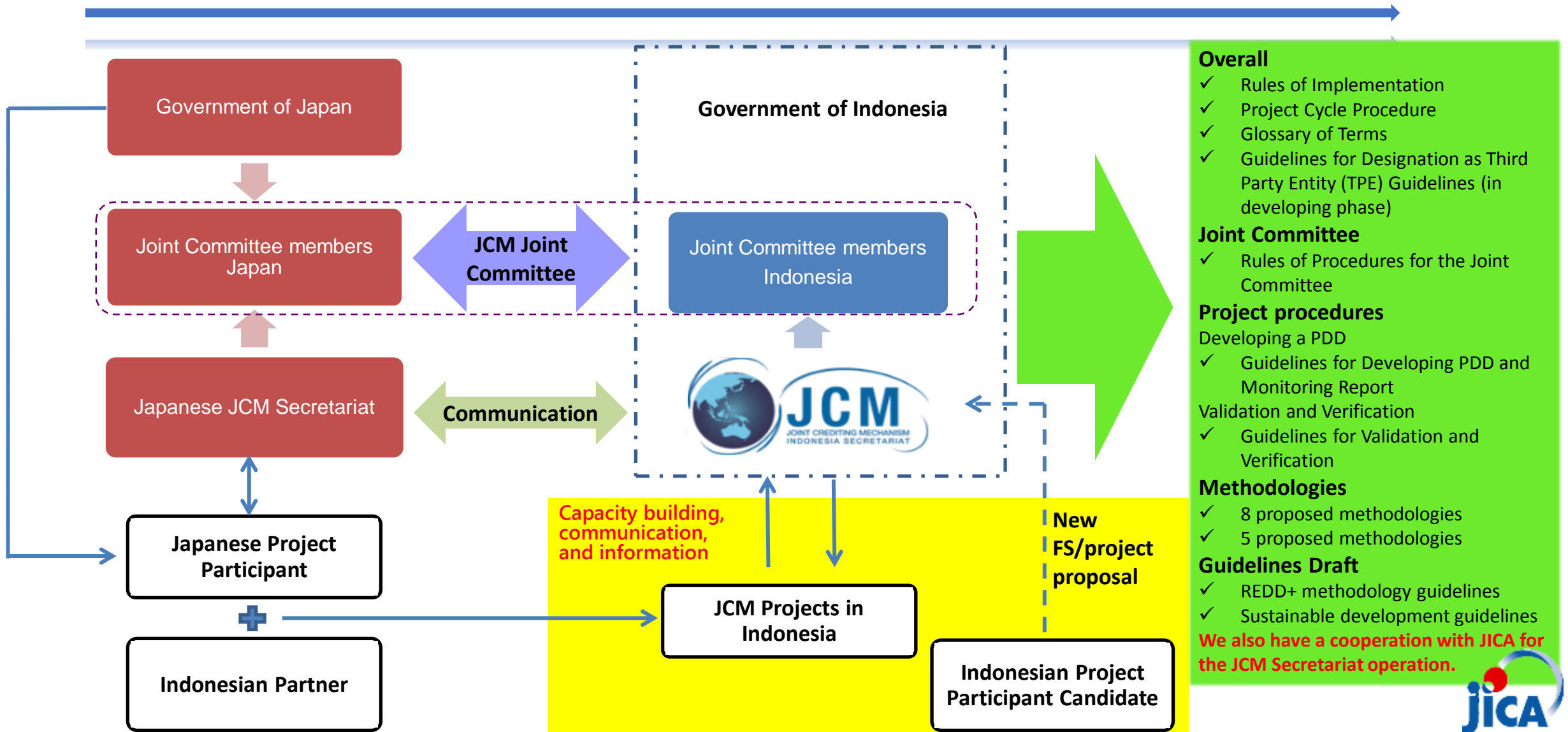
1. “Energy Saving for Air-Conditioning and Process Cooling by Introducing High-efficiency Centrifugal Chiller” (first registered project under the JCM worldwide)
2. “Project of Introducing High Efficiency Refrigerator to a Food Industry Cold Storage in Indonesia”
3. “Project of Introducing High Efficiency Refrigerator to a Frozen Food Processing Plant in Indonesia”



The 1st JCM registered project:

- Collaboration between **Ebara Equipment & Systems** and **PT Primatexco Indonesia**
- Location: Batang, Central Java
- Estimated total emissions reduction **799 tCO₂ eq.** by 2020
- Annual **965 MWh** energy saving

How we facilitate and develop JCM projects



Types of the JCM projects based on its cooperation

The proposal and PIN coming from Japan entities

- These types are the “normal” type, the Japan entities proposed to have a cooperation with the host countries entities
- Usually the technologies and knowledge are available, but sometimes rather difficult to be implemented because of the lack of knowledge and preparation as well as local host countries regulations.

The proposal and PIN coming from the host countries entities

- We received more than 10 proposals and PINs from the Indonesia entities that want to join the JCM, one of it was implemented as a JCM project (the cement WHR project)
- Host countries entities ensure that the projects are crucial for their development, they guarantee that the project will face less non technical burdens, but the Japan technology may not always available.

City to city cooperation

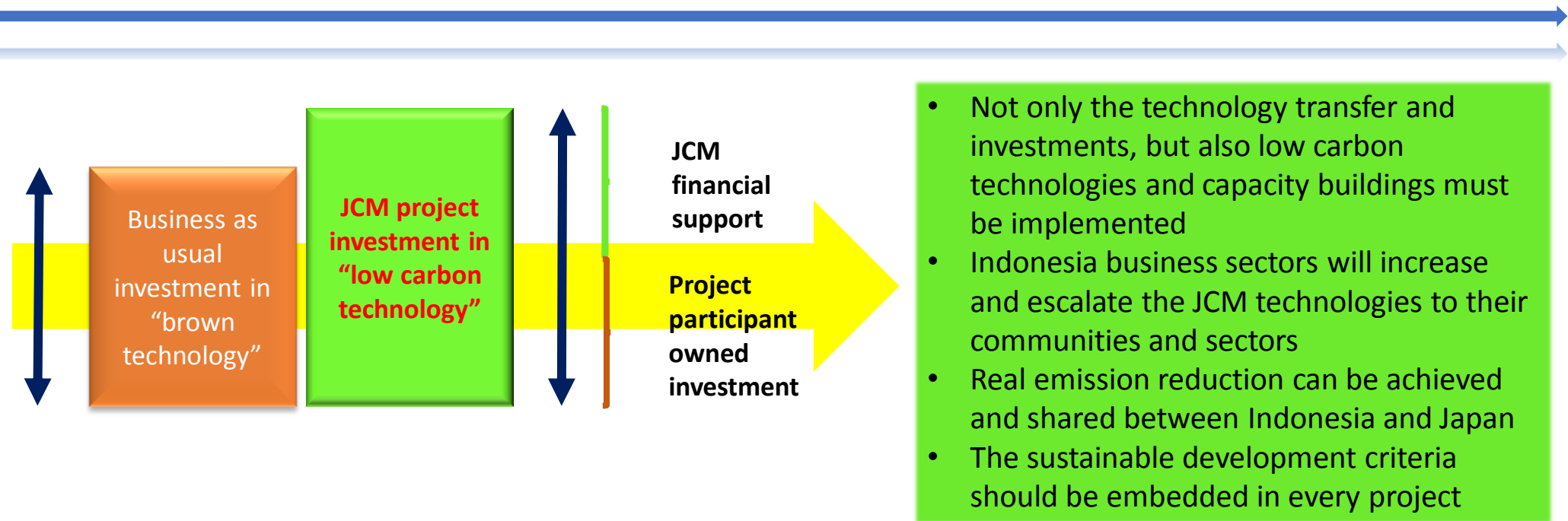
- New scheme of the cooperation, the Indonesia and Japan cities are establishing the cooperation first before deciding any project implementations
- This new scheme bring not only on project level but city to city cooperation that may consist of some low carbon development projects and putting sustainable development implementation in practice.

The central government support

- We support any city to city cooperation in Indonesia
- The city to city cooperation hopefully can bring not only technology transfer, but also investment, cultural exchange, and also economic cooperations.

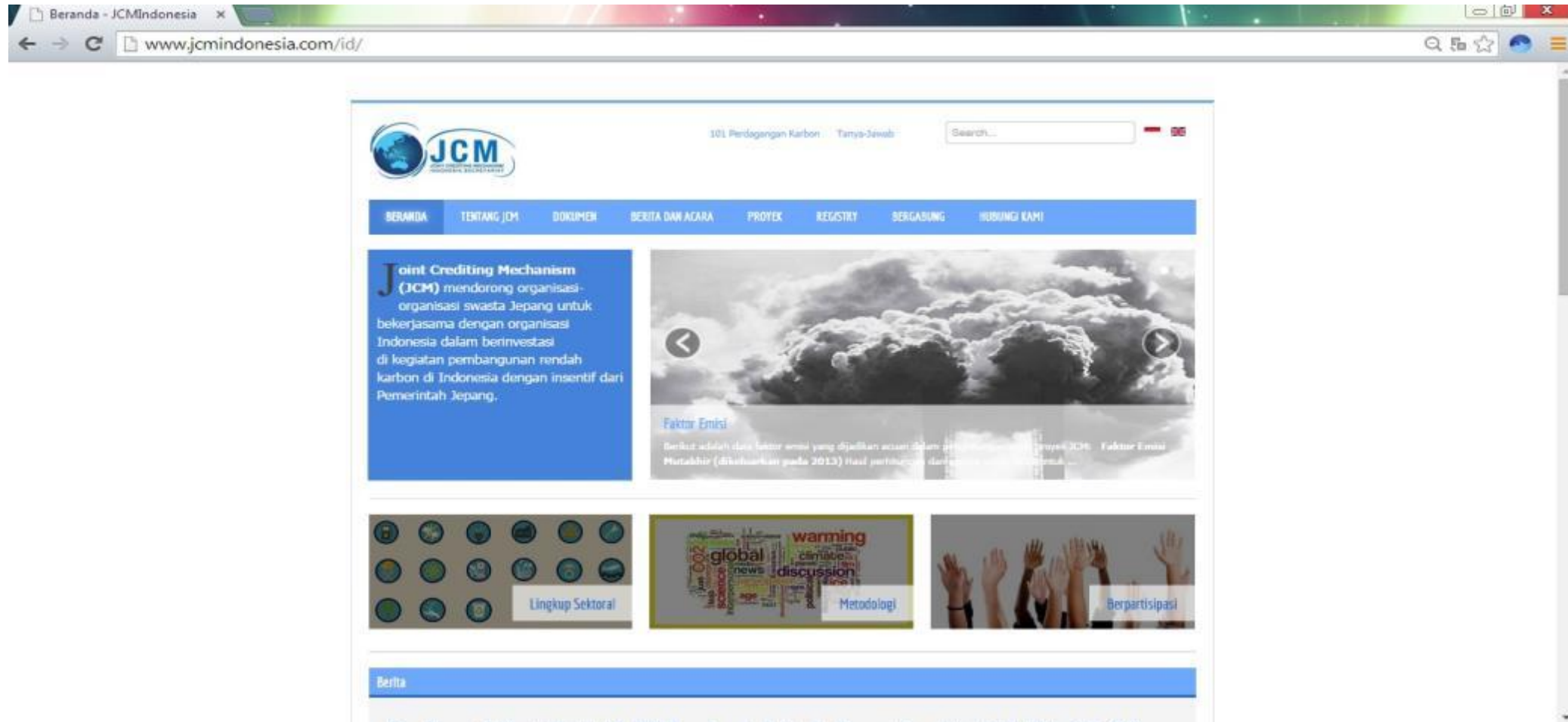


What do we want from JCM implementations?



- The JCM also will be integrated with other Indonesia climate change mitigation actions as well as its policies.
- The government supports are needed, particularly for the JCM project MRV and its implementations that highly correlated with the national climate change and green growth development masterplan.

Visit our website at www.jcmindonesia.com



The screenshot shows the homepage of the JCM Indonesia website. The browser address bar displays "www.jcmindonesia.com/id/". The website header includes the JCM logo, the text "101 Perdagangan Karbon Tanya-Jawab", and a search bar. A navigation menu contains the following items: BERANDA, TENTANG JCM, DOKUMEN, BERITA DAN ACARA, PROYEK, REGISTRY, BERGASUNG, and IKUNJUNG KAMI. The main content area features a blue sidebar with the text: "Joint Crediting Mechanism (JCM) mendorong organisasi-organisasi swasta Jepang untuk bekerjasama dengan organisasi Indonesia dalam berinvestasi di kegiatan pembangunan rendah karbon di Indonesia dengan insentif dari Pemerintah Jepang." To the right is a large image of clouds with the title "Faktor Emisi" and a brief description. Below this are three smaller sections: "Lingkup Sektoral" with a grid of icons, "Metodologi" with a word cloud, and "Berpartisipasi" with an image of raised hands. A "Berita" section is visible at the bottom.



Indonesia JCM Secretariat
BUMN Building 18th floor, Jl. Medan Merdeka Selatan 13,
Jakarta
Website: www.jcmindonesia.com
Email: info@jcmindonesia.com

...ing program for Factory air-conditioning
 Process cooling in Indonesia Project

BF050 Centrifugal Chiller System*
 ...quipment was built with subsidy of Ministry of
 ...ments of Japan, "JCM Model Project", which
 ...eives mitigation of greenhouse gas emissions.
 Date of completion : February 22, 2014

ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50

