

The JCM standpoint and current development for low-carbon growth in Indonesia

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Coordinating Ministry
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Republic of Indonesia

Indonesia Pavilion at COP 20 Lima, Peru
High Level Session on Policy Development and Financing under the JCM in Indonesia
9 December 2014

Looking back..

JCM Session at COP 19 Warsaw

Indonesia Pavilion, 18 November 2013



Japan side event

Indonesia Head of
Delegation with other
JCM host countries



In the past year..

The JC has met three times

- JC Meeting 1: 16-17 October 2013
- JC Meeting 2: 29-30 May 2014
- JC Meeting 3: 30-30 October 2014



The JC has designated 7 TPEs

Name	Designated date
Lloyd's Register Quality Assurance Limited	19 May 14
Japan Quality Assurance Organization	19 May 14
JACO CDM., LTD	19 May 14
Japan Management Association	19 May 14
TÜV SÜD South Asia Private Limited	19 May 14
Deloitte Tohmatsu Evaluation and Certification Organization Co., Ltd	19 May 14
TUV Rheinland (China) Ltd	30 Oct 14

TPEs are accredited under ISO 14065 or CDM DOE

The JC acknowledge 12 projects in the pipeline

Project Title	
1	Energy saving by double bundle-type heat pump
2	Energy saving for air-conditioning at textile factory
3	Energy saving for air-conditioning and process cooling at textile factory
4	Energy Savings at Convenience Stores
5	Energy Efficient Refrigerants to Cold Chain Industry
6	Energy Saving Through Introduction of Regenerative Burners to The Aluminum Holding Furnace of the Automotive Components Manufacturer
7	Utility Facility Operation Optimization Technology - "RENKEI" Control
8	Energy Saving by Optimum Operation at Oil Refinery
9	Palm waste biomass power generation project
10	Solar Power Hybrid System Installation to Existing Base Transceiver Stations in Off-grid area
11	Power Generation by Waste Heat Recovery in Cement Industry
12	Remote Auto-Monitoring System for Thin-Film Solar Power Plant in Indonesia

The JC has registered the first JCM project in the world

“Energy Saving for Air-Conditioning and Process Cooling by Introducing High-efficiency Centrifugal Chiller”

(Ebara Equipment & Systems and PT Primatexco Indonesia)



Location: Primatexco textile company in Batang, Central Java

Estimated total emissions reduction: **799 tCO₂ eq.** by 2020

Energy saving: **965 MWh/year**



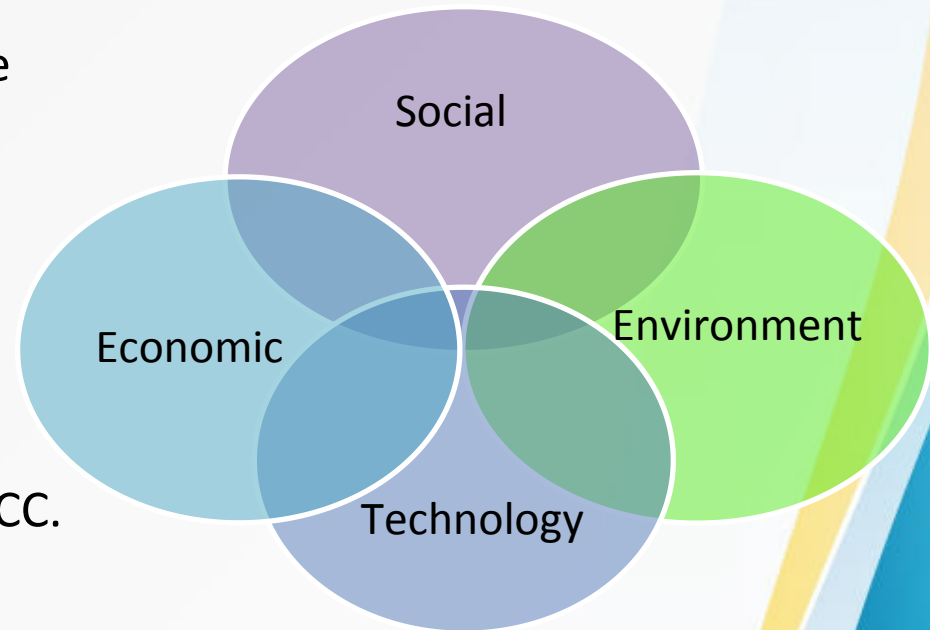
The JC has approved 4 methodologies

- Power Generation by Waste Heat Recovery in Cement Industry
- Energy Saving by High-Efficiency Centrifugal Chiller
- Installation of Energy-Efficient Refrigerators Natural Refrigerants at Food Industry Cold Storage and Frozen Food Processing Plant
- Installation of Air-Conditioning for Grocery Store

The JC from Indonesian side initiate Sustainable Development criteria for the JCM projects

Why SD criteria?

1. Ensure contribution to sustainable development.
2. Evaluate achievement of JCM projects.
3. Ensure delivery of co-benefits.
4. Fulfill global standards for appropriate climate change mitigation action under the UNFCCC.
5. Enforce sustainable development criteria suitable for Indonesian conditions



Technical Cooperation with JICA

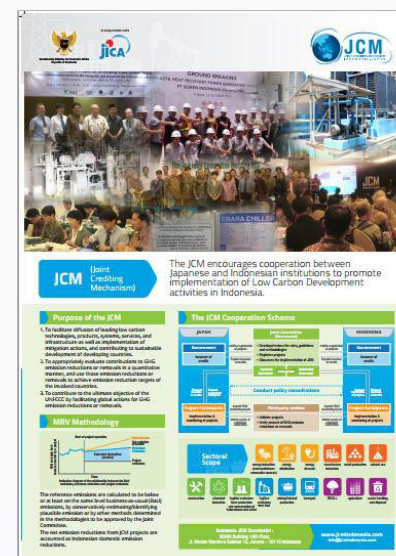


Monitoring and evaluation
of projects

Capacity building,
communication, JCM
Business Forum

Technical assessments and
studies

Stakeholders dialogue



The JCM pathway for contribution to the national development

National goals

Environmental prudence (EQI 70-80%, ER 26%), economic growth (7%) ,
increase in social equity



Outcome and Impact

Technology transfer, energy efficiency, forest peatland conservation, electrification ratio
increase, renewable energy use enhancement, multiplier effect

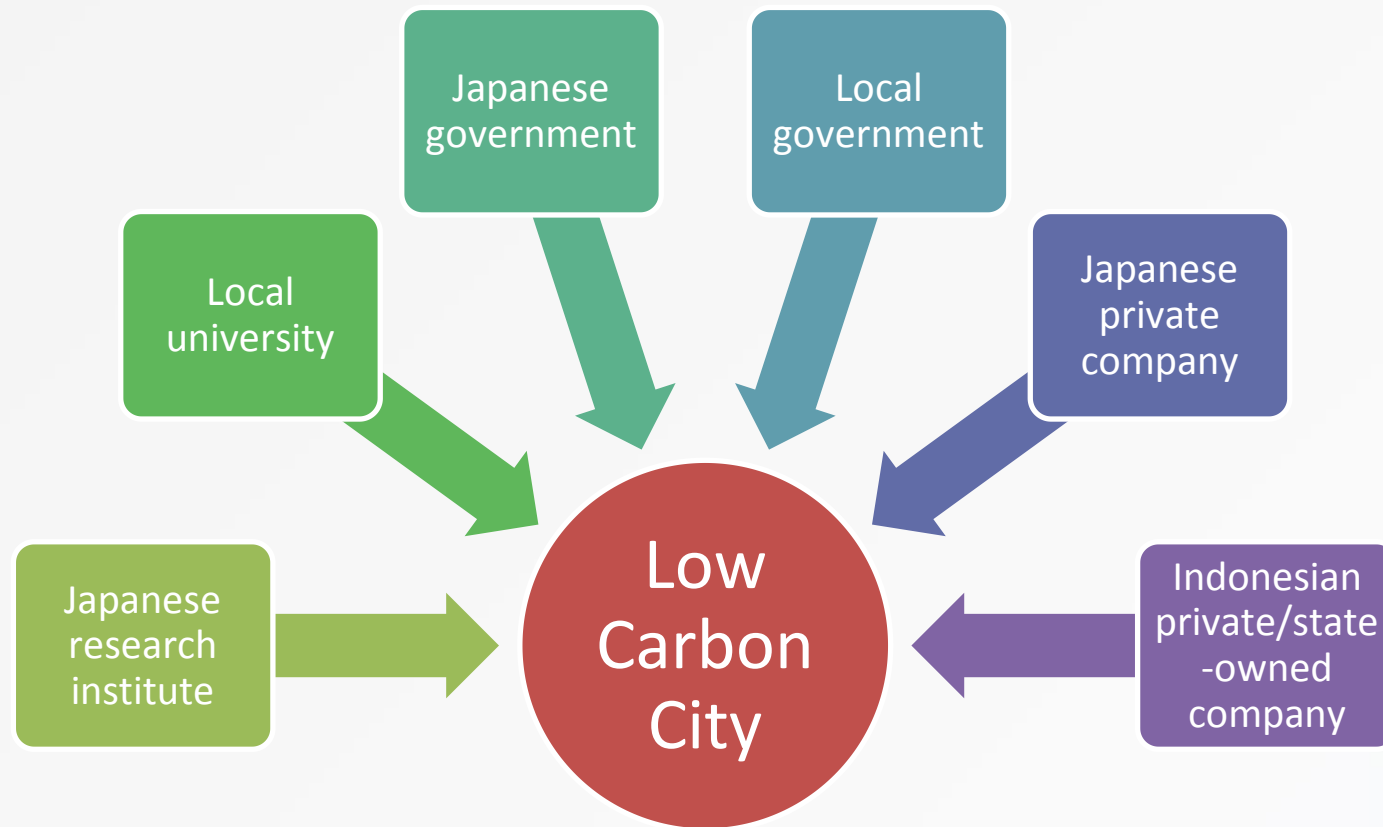


Programs and Projects

e.g. 

Comply to regulations and standards, attract green investment, conduct
Measurement, Reporting, Verification, monitoring and evaluation

Support local government initiatives



Bandung, Surabaya, and Batam are looking into opportunities from the JCM

Support the Private Sector

Promotion of initiatives through Project Idea Note

4 PINs received from Indonesian company (e.g. waste-to-energy, biomass, solar floating PV)

Capacity building

JCM Business Forum

Methodology training

Validation & Verification Training

Indonesian expert to support TPE activities

Provisional designation of a TPE

to support Indonesian certification bodies obtain ISO accreditation

Here in COP 20

*"The Joint Crediting Mechanism Implementation in Indonesia
from Methodologies to Project Development"*

Indonesia Pavilion, Tuesday, 2 December 2014

Plus UNFCCC side events and Japan Pavilion sessions



Thank you

For more information: www.jcmindonesia.com



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JCM for Low-Carbon Growth