

# Current Status of JCM in Indonesia

Indonesia JCM Secretariat



33 private sectors join the JCM implementation

2 Indonesia third party entities had been accredited by ISO 14065

# JCM Financing in Indonesia

(Based on July 2016 data)

Subsidy and grant from Government of Japan for JCM scheme in Indonesia

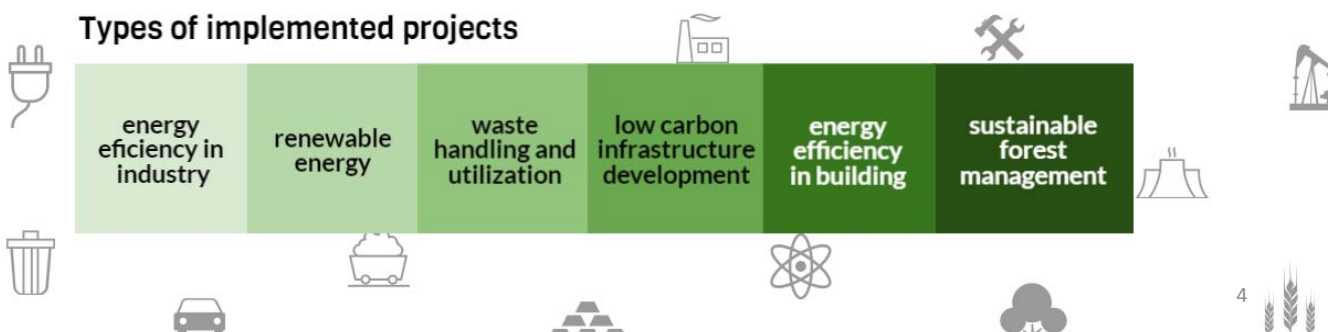


\*Calculation based on estimation

# JCM Project Implementation in Indonesia



## Types of implemented projects



# JCM's infrastructure

**Guideline:**

1. Project Design Document
2. Proposed Methodology
3. Third Party Entity
4. Validation and Verification
5. Sustainable Development Implementation Plan and Report

**Rules:** 1. Rules of Implementation  
2. Rules of Procedure for JC

**Procedure:** Project Cycle Procedure

**Methodologies:**  
12 methodologies of energy efficiencies and renewable energy have been developed

**Registry system**

ISO 14065 based

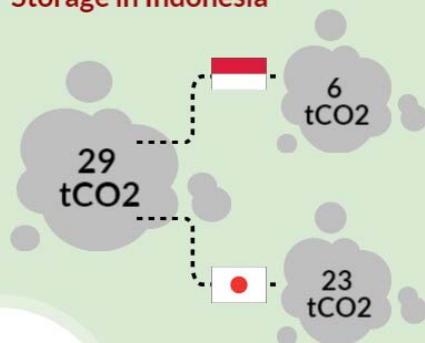
- As a bilateral scheme, JCM comply to each country's policy
- Decision makers in JCM are related ministries as the representative of each respective country



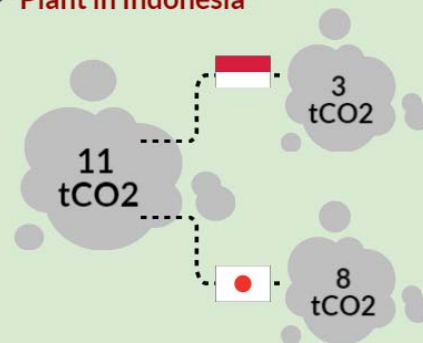
## Carbon Credit Issuance

40 tCO2 carbon credit has been issued from 2 project and both are energy efficiency project

**ID 002** Project of Introducing High Efficiency Refrigerator to a Food Industry Cold Storage in Indonesia



**ID 003** Project of Introducing High Efficiency Refrigerator to a Frozen Food Processing Plant in Indonesia



The **FACTS**

The issued carbon credit is the world's first JCM carbon credit and it is the first time for Indonesia to issue carbon credit

## JCM Project

### 30 MW Power Generation by Waste-heat Recovery in Cement Industry



by PT. Semen Indonesia & JFE Engineering

with approximately 130.000 tCO<sub>2</sub>/year of emission reduction.

The total investment is 51 million USD, which includes 11 million USD of subsidy from the Government of Japan.

The project is expected to be finish on February 2017



### Jakabaring Sports City Solar Power Generation



by PD Pertambangan dan Energi Sumatera Selatan & SHARP Corporation

with approximately 1300 tCO<sub>2</sub>/year of emission reduction.

The 1,6 MW of solar power plant in the sports complex is part of the preparation for 2018's Asian Games

The project is expected to be finish on October 2017



## Challenges in Implementation

- Communication between private sectors in Indonesia and Japan
- Lack of capacity among Indonesia's private sector on JCM scheme
- Projects related to Indonesia's state budget:
  - Tender process is required
  - The start of fiscal year in Indonesia is different with Japan
  - Implemented technology should fulfill the local content portion as regulated
- Projects related to power generation:
  - Any companies who generate electricity while still utilizing power from the National Electricity Company (PLN) will be imposed with parallel cost
  - Uncertainty of Feed-in-Tariff for renewable energy



**Thank you! Terima kasih!**

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