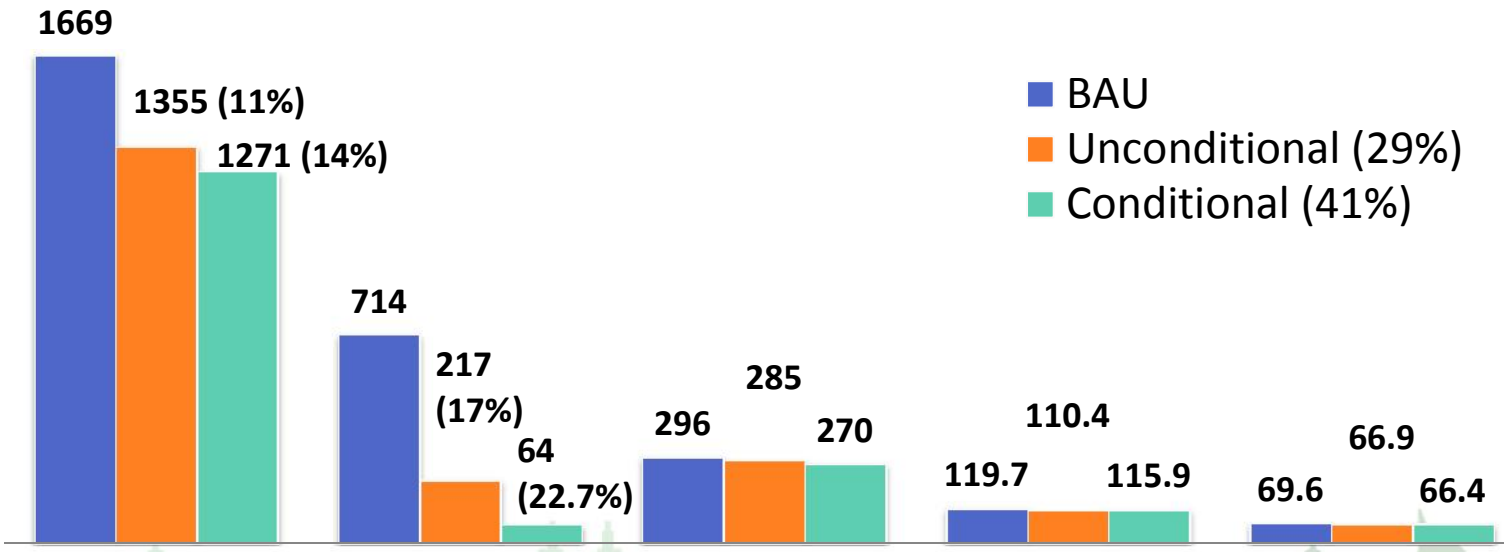
Recent Updates on JCM Implementation in Indonesia

Assistant Deputy Minister for Multilateral Economic Cooperation and Financing

Katowice, 4 December 2018

Indonesia NDC

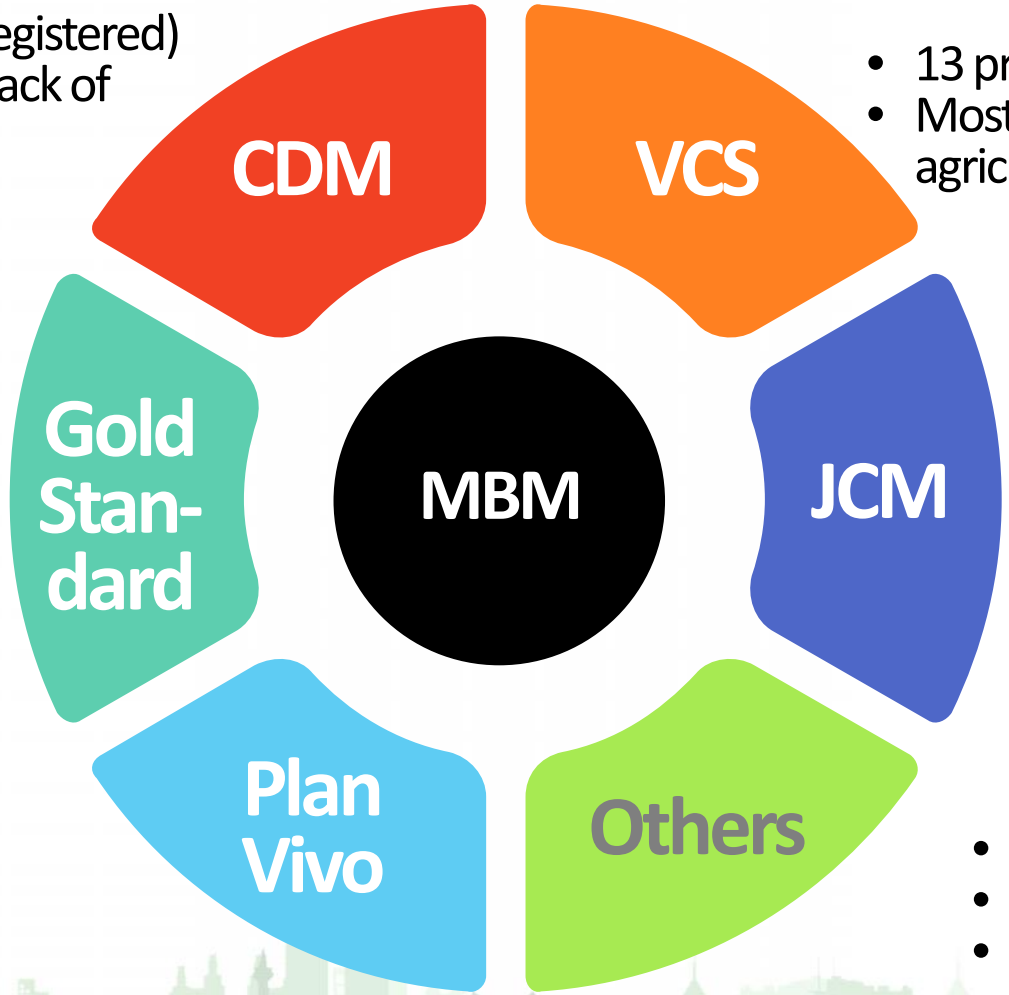
- National context
  - Citizens right for a decent and healthy life
  - Low carbon development and climate resilience
- Paris Agreement ratification with the Law No. 16/2016
- First NDC submission on November 2016



Market Based Mechanism

- 242 projects (147 registered)
- Decreasing due to lack of demand

- 13 projects (12 registered)
- Mostly are in forestry and agriculture



- 19 projects

- Bilateral scheme betwen Japan & Indonesia
- 32 projects (14 registered, 6 issued credits)

- 6 projects

- PMR
- ACPMR
- G7

Recent JCM Implementation

32 projects

14 Registered

6 Issued credits

18 In the pipeline

16 Methodologies

115 Feasibility Studies

Type of industry

Automotive, building engineering, energy production, chemical, food, forestry, tourism, oil and gas, paper, plastic, telecommunication, textile

$128 mio Project implementation

$50 mio Subsidies

$10 mio Feasibility studies

$78 mio Participants investment

Example project #1

Power Generation by Waste-Heat Recovery in Cement Factory

PT. Semen Indonesia Tbk.

JFE Engineering Corporation

Expected emission reduction **122,000 ton CO_2/year**

PT. Semen Indonesia, Tuban, East Java

32 MW Waste Heat Recovery Power Generation at Cement Factory

4 factory units at PT Semen Indonesia in Tuban are able to capture its flue gases emission which is a hot 400 degree celcius air to be used as boiler to generate electricity. This system enables to reduce electricity consumption up to 25% of the total electricity required in the factory

Example project #2

Solar PV Power Plant Project in Jakabaring Sport City

PDPDE Sumatera Selatan

Sharp Corporation

Expected emission reduction **1,303ton CO_2/year**

Jakabaring Stadium, Palembang South Sumatera

This solar power installed in Jakabaring sport center is able to generate electricity of 2 MW. This project is prepared for the electricity supply in Asian Games 2018 and promotes green sport event in South Sumatera. The project is fully operated since March 2018 and inaugurated in June 2018

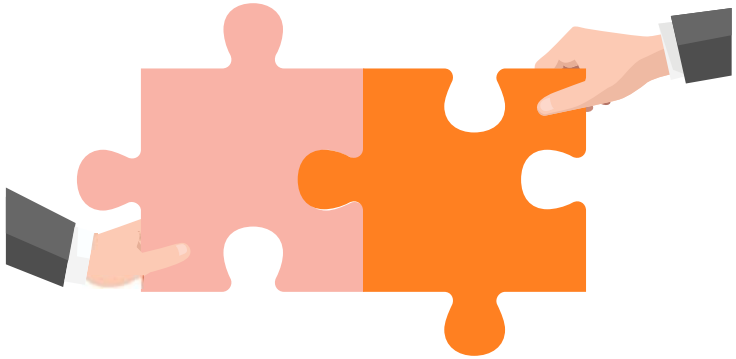
City-to-city Cooperations

Surabaya & Kitakyushu

- Energy management in buildings
- Waste management

Batam & Yokohama

- Energy efficiency in airport
- Energy efficiency in waste water treatment
- Biomas energy



Bandung & Kawasaki

- Energy management in buildings
- Waste management
- Street lamps

Semarang & Toyama

- Bus rapid transit
- Mini hydro
- Solar PV

Jakarta & Kawasaki

(in progress)

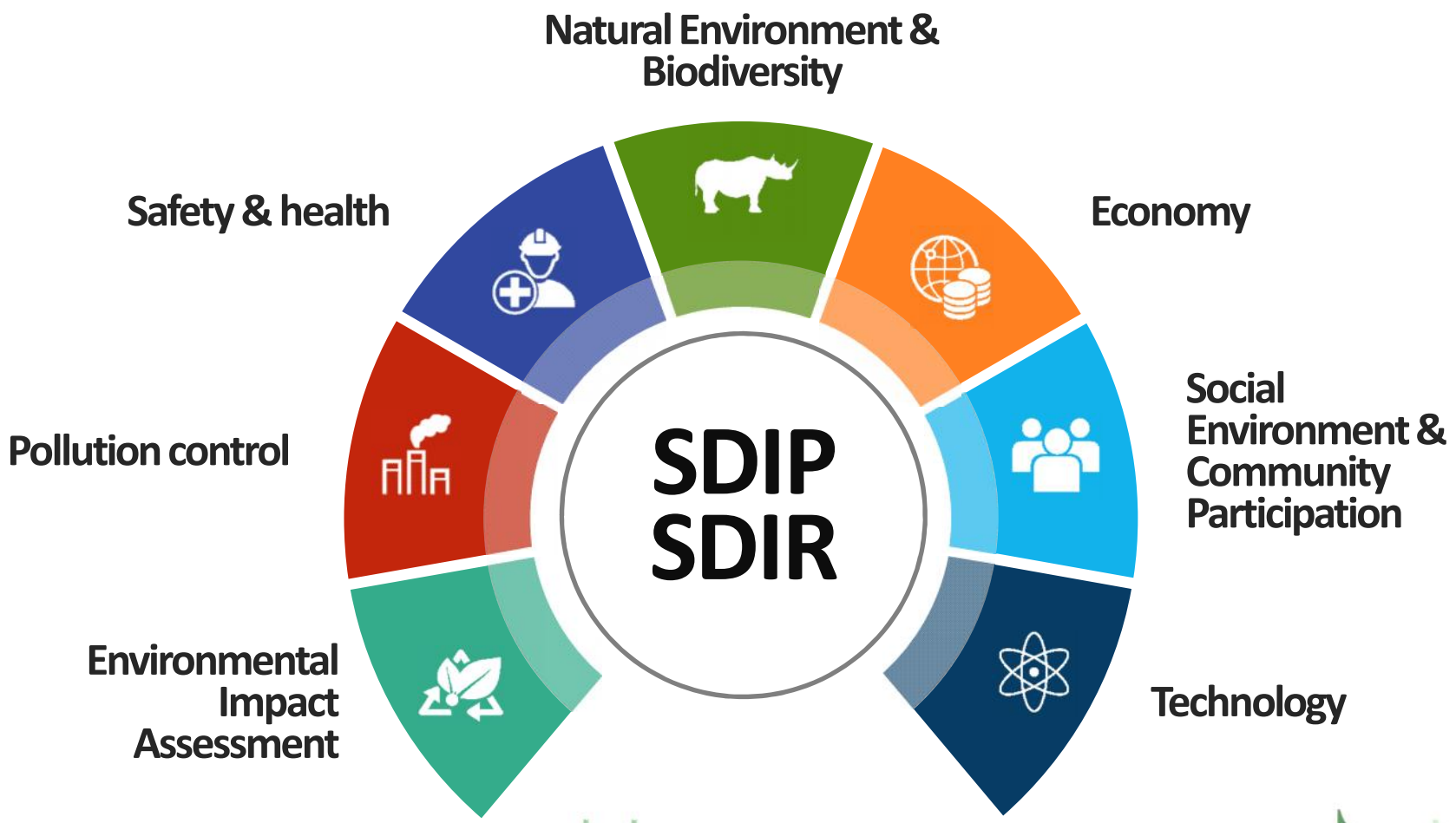
Potential cooperation:

- Green building
- Green industry
- Waste management
- Solar PV in remote area

Benefits of JCM

- Financial viability
- Cost saving
- Competitiveness & profitability
- Access to capital

Sustainable Development Crieteria



Thank You