



Accelerating Low Carbon Development Through JCM Scheme

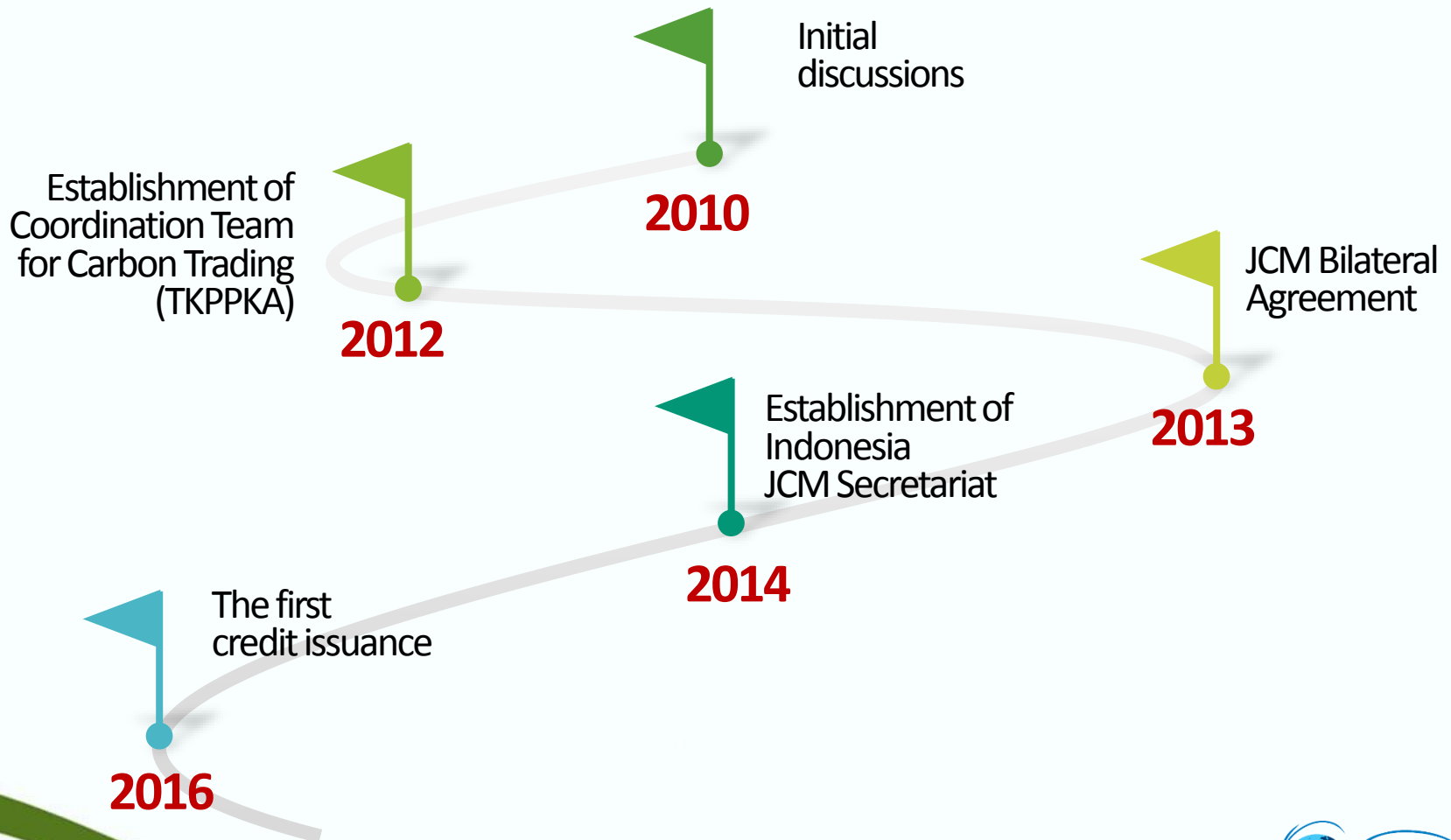
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COORDINATING MINISTRY
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Flashback



Recent Updates

31 Model projects
3 Demonstration projects

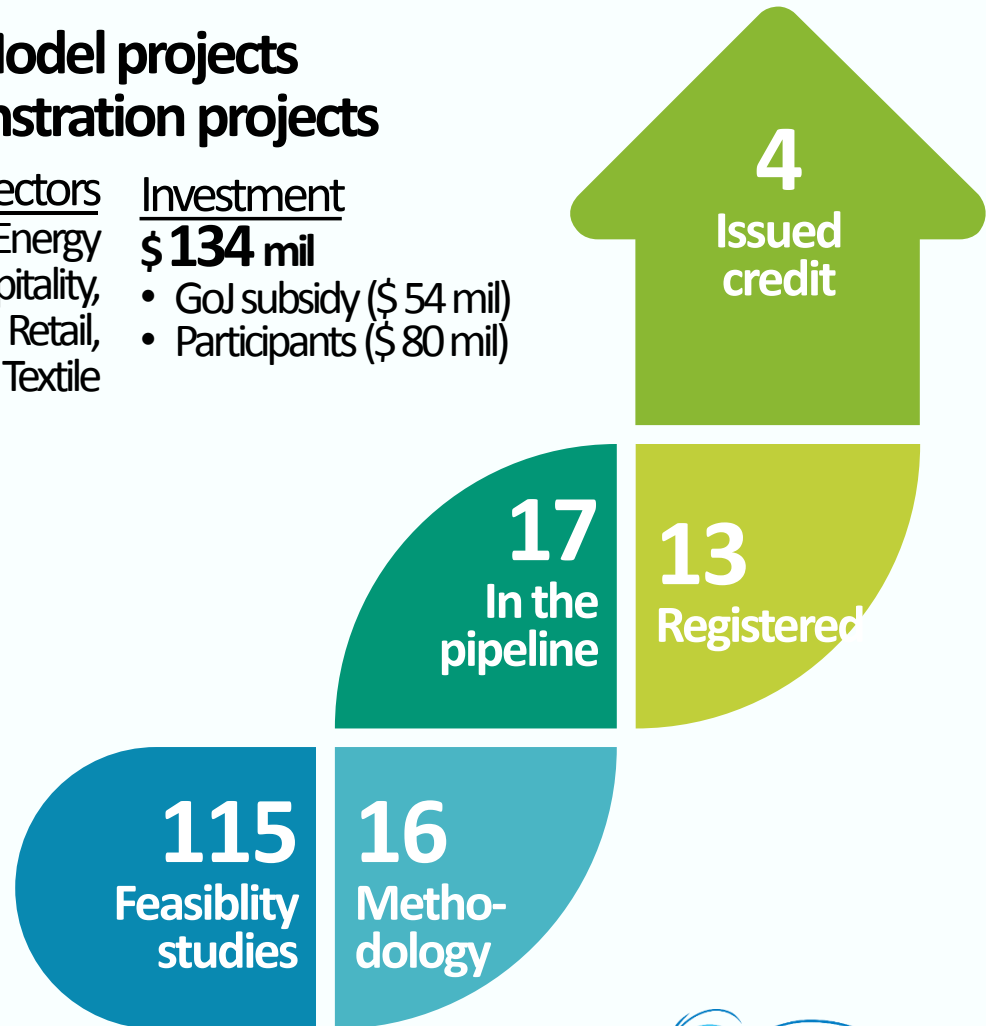
Sectors
Automotive, Building, Chemical, Energy generation, Food, Forestry, Hospitality, Oil & gas, Paper, Plastic, Retail, Telecommunication, Textile

Investment
\$ 134 mil

- GoJ subsidy (\$ 54 mil)
- Participants (\$ 80 mil)

Agriculture, CCS, LULUCF & REDD+, Energy Efficiency, Fugitive Emission, Large-scale, Low-Carbon City, Renewable Energy, Transportation, Waste Handling & Disposal

Investment
\$ 10 mil



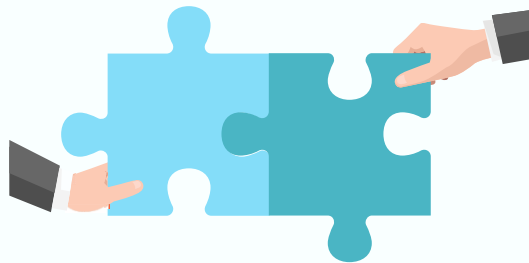
City to City Collaboration

Surabaya & Kitakyushu

- Energy management in buildings
- Waste management

Bandung & Kawasaki

- Energy management in buildings
- Waste management
- Street lamps



Batam & Yokohama

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

Semarang & Toyama

- Bus rapid transit
- Mini hydro
- Solar PV

Who is involved?



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
CO₂/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
1,303 ton CO₂/year



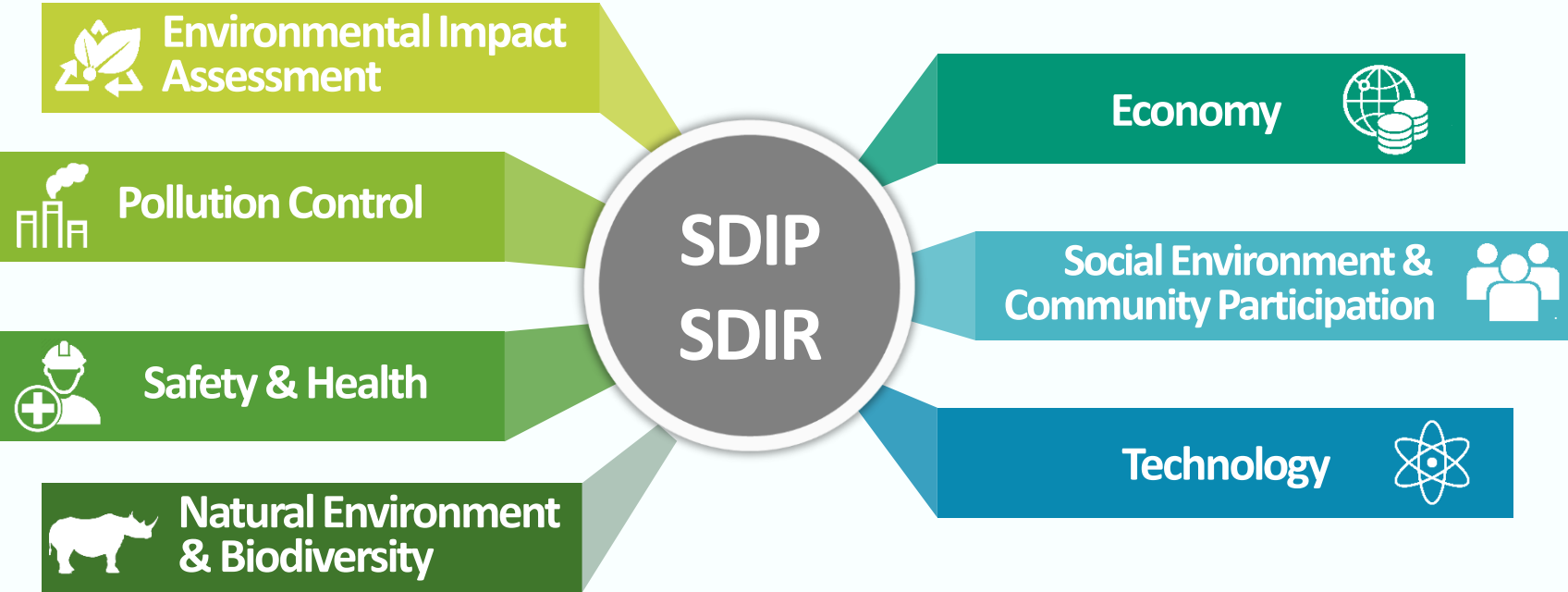
Jakabaring Stadium, Palembang South Sumatera

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.

Benefits of JCM



Sustainable Development Criteria



Thank you



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