ACCELERATING LOW CARBON DEVELOPMENT THROUGH JCM SCHEME

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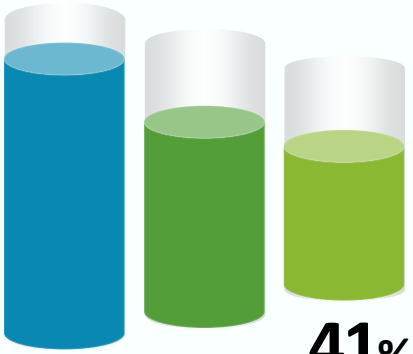
COORDINATING MINISTRY
FOR ECONOMIC AFFAIRS
REPUBLIC OF INDONESIA

JCM
JOINT CREDITING MECHANISM
INDONESIA SECRETARIAT

Indonesia's NDC

- National context
  - Global issue that threaten mankind, including climate change
  - Not only environmental but also economic interest
- Paris Agreement ratification with the Law No. 16/2016
- First NDC submission on November 2016



	BAU	Unconditional	Conditional
Energy	1669	1355 [10.95%]	1271[13.88%]
Forestry	714	217 [17.33%]	64[22.66%]
Waste	296	285 [0.38%]	270[0.91%]
Agriculture	119.7	110.39[0.32%]	115.86[0.13%]
IPPU	69.6	66.85[0.10%]	66.35[0.11%]
Total	**2868**	**2034**	**1787**

Market Based Mechanism in Indonesia

- CDM
  - 242 projects (147 registered)
  - Decreasing due to lack of demand
- VCS
  - 13 projects (12 registered)
  - Mostly are in forestry and agriculture
- JCM
- Gold Standard
  - 19 projects
- Plan Vivo
  - 6 projects
- Other initiatives: PMR, APCMR, G7

Recent JCM Updates

Projects and studies

31 Model projects

3 Demonstration projects

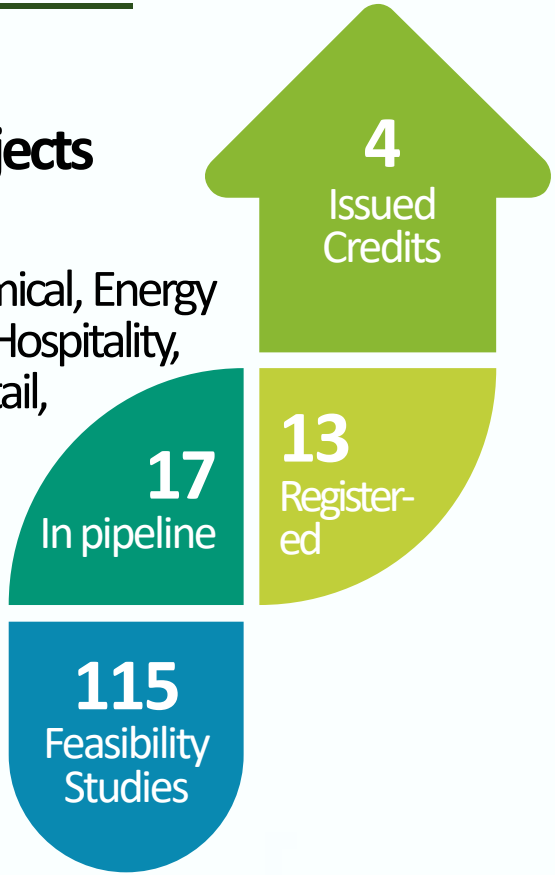
Sector of industry

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

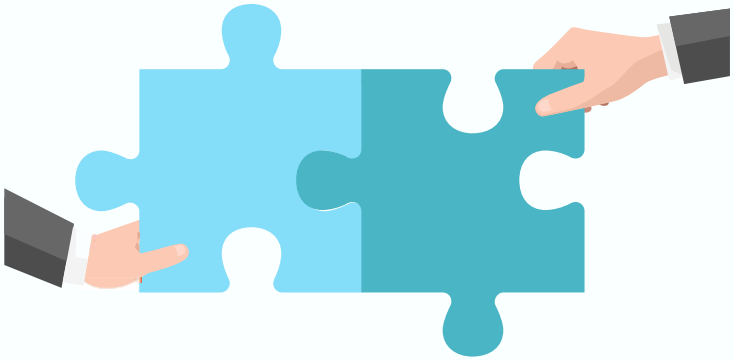
Total investment

$134 mil
Project implementation
- GoJ subsidy ($ 54 mil)
- Participants ($ 80 mil)

$10 mil
Feasibility studies



4 City-to-city Cooperation



Surabaya – Kitakyushu
Bandung – Kawasaki
Batam – Yokohama
Semarang – Toyama

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

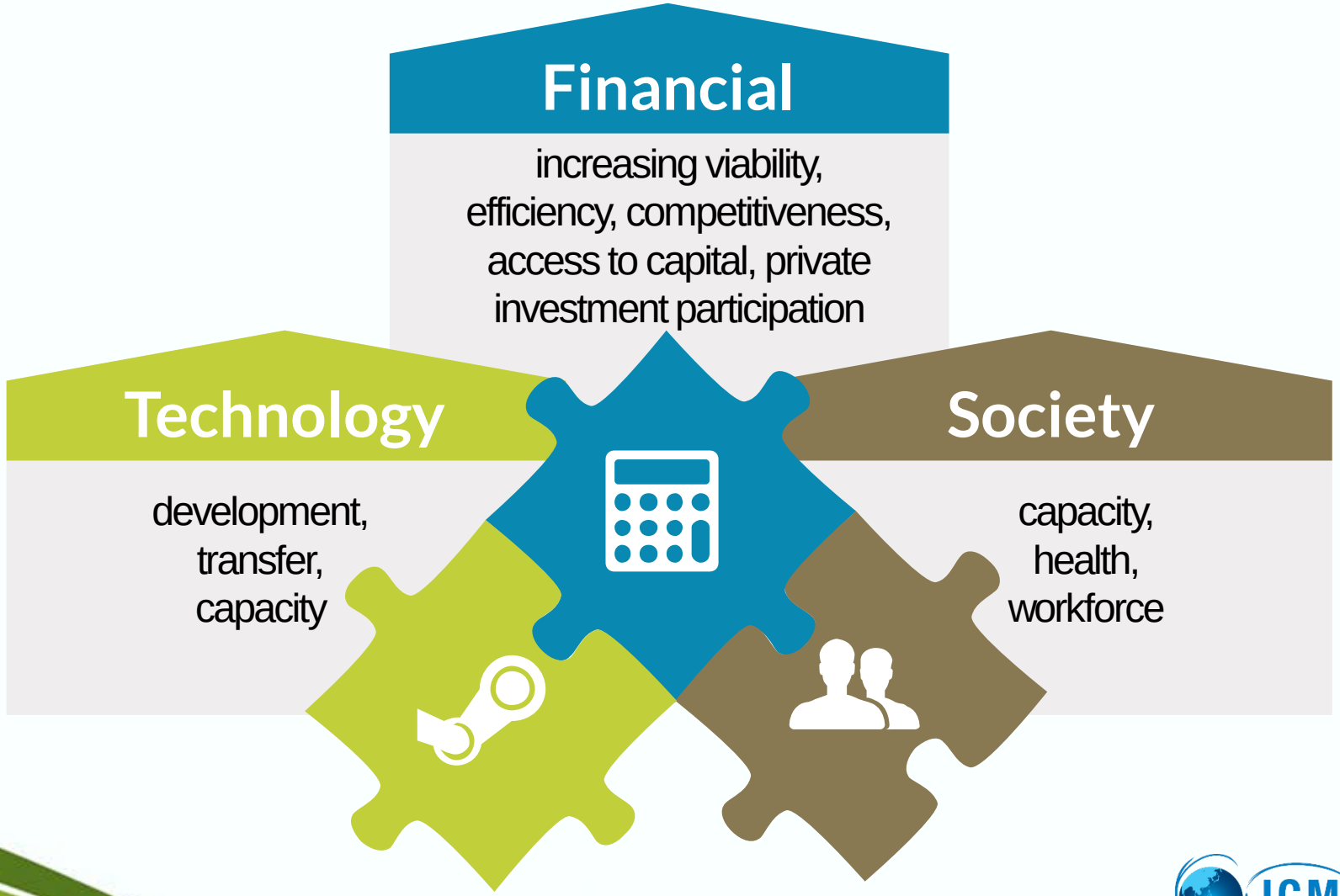
Sharp Corporation

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

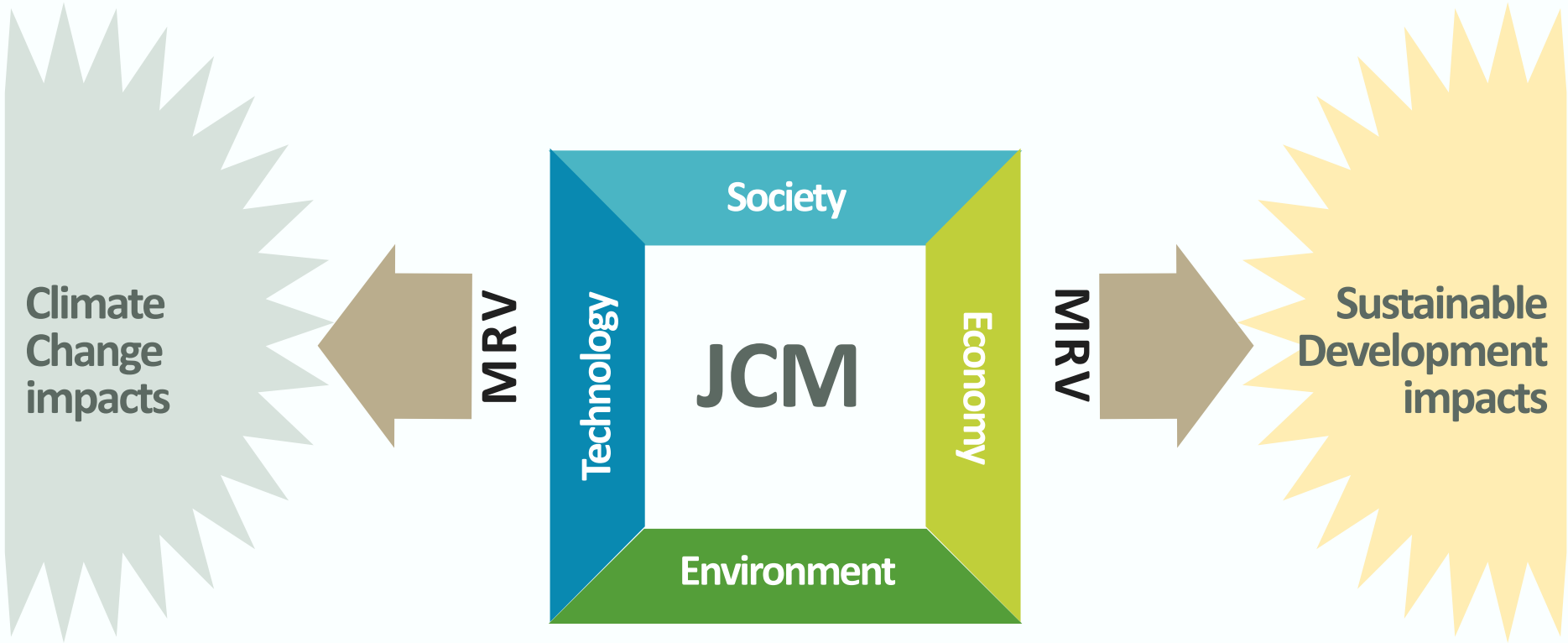
Jakabaring Stadium, Palembang South Sumatera

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.

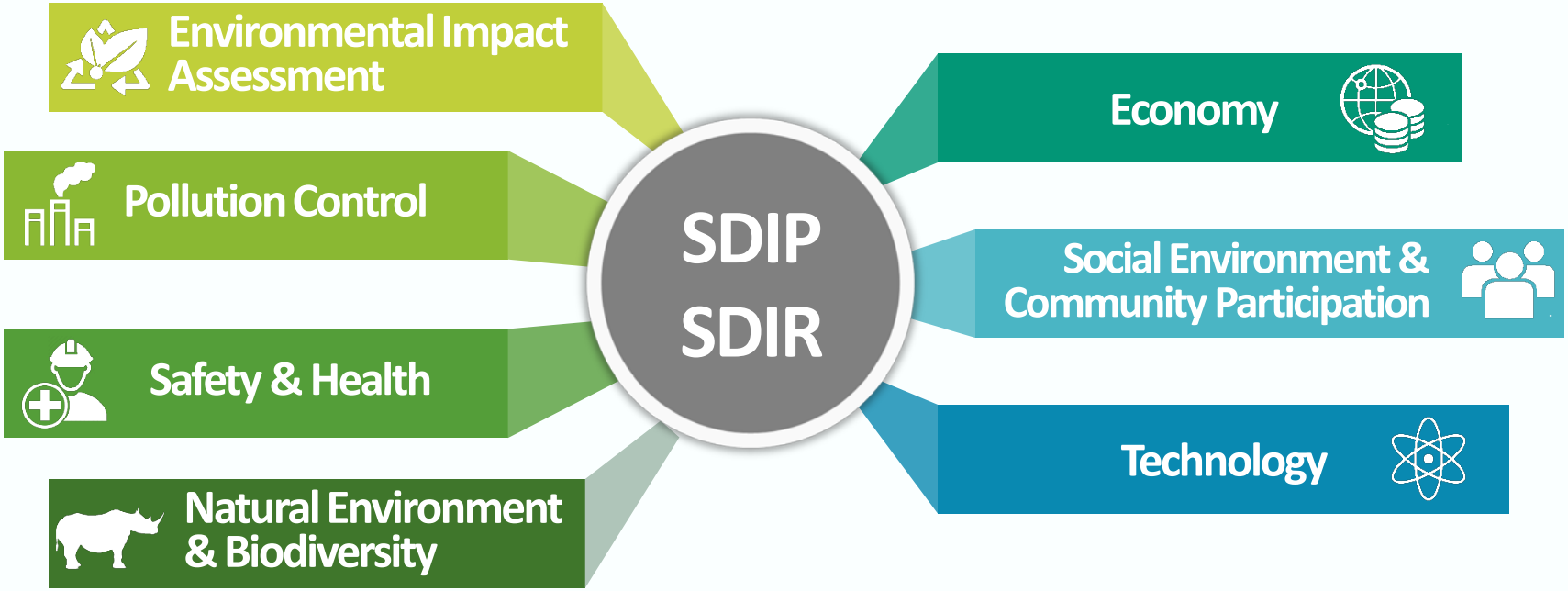
Benefits of JCM



Emission reduction and Sustainable development



Sustainable Development Criteria



Thank you
ありがとうございます

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