

*Jakabaring Green
Sports City*

**Successful Completion of
2MW Solar Plant**

In

Palembang, South Sumatra

**Supported by Financing Program for
JCM Model Projects**

Sharp Energy Solutions Corporation

July 24th, 2018

Sharp in Indonesia – Local Production/Local Services

We developed our business in close with the market since 1970

Company name: **PT. Sharp Electronics Indonesia (SEID)**

Foundation and starting sales business in 1 April 2005

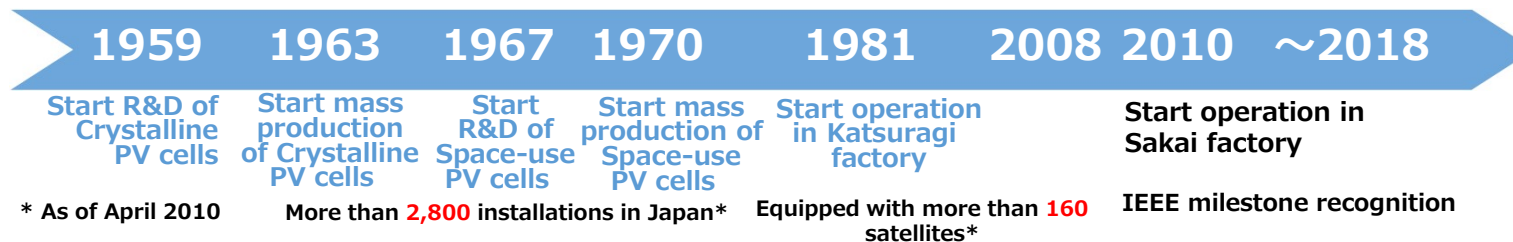
*Company name changed since 1 May 2015.



Sharp - Solar / Energy Management

PV Module Core Technology + Energy Management System

Crystalline Silicon Technology: 59 years of Experience



Background of the Project

**South Sumatra Government will host a part of Asian Games in 2018
at Jakabaring Sport City, Palembang**

- Initiation by South Sumatra Government Green Sports City
- PDPDE, selected by South Sumatra Government
- Sharp, Technology Provider
- Joint development and construction by PDPDE and Sharp
- JCM Subsidy for the Project
- PPA with PLN

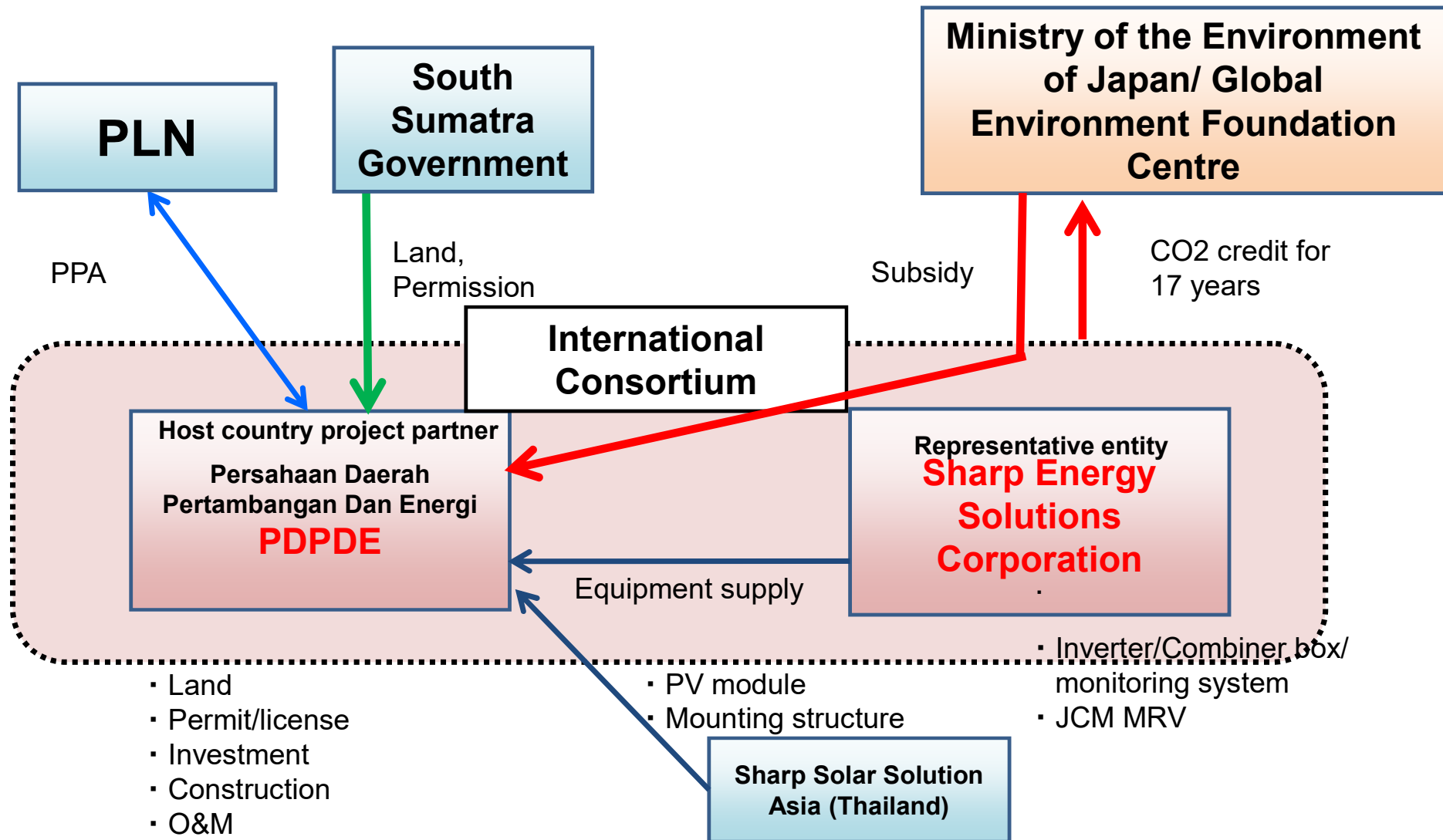
Outline of 2MW Solar Plant

South Sumatra Government will host Asian Games in 2018 at Jakabaring Sports City

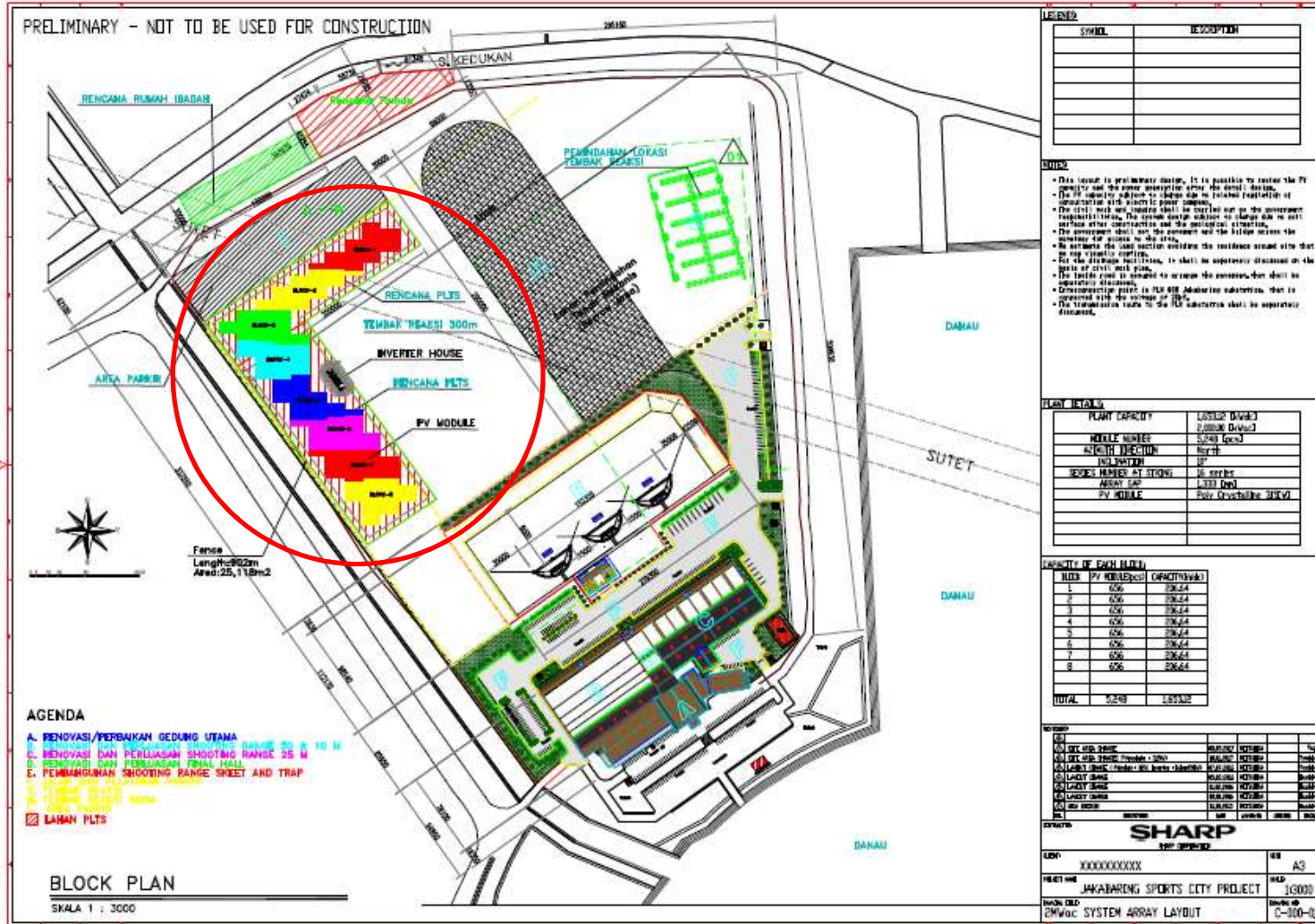
1. Plant Capacity : 2MWac/1.6MWdc
2. Expected Power Generation: 1,922MWh/year
3. Expected CO2 Reduction: 912 ton (0.474 ton/MWh)



Structure of the Project



Layout of the Project

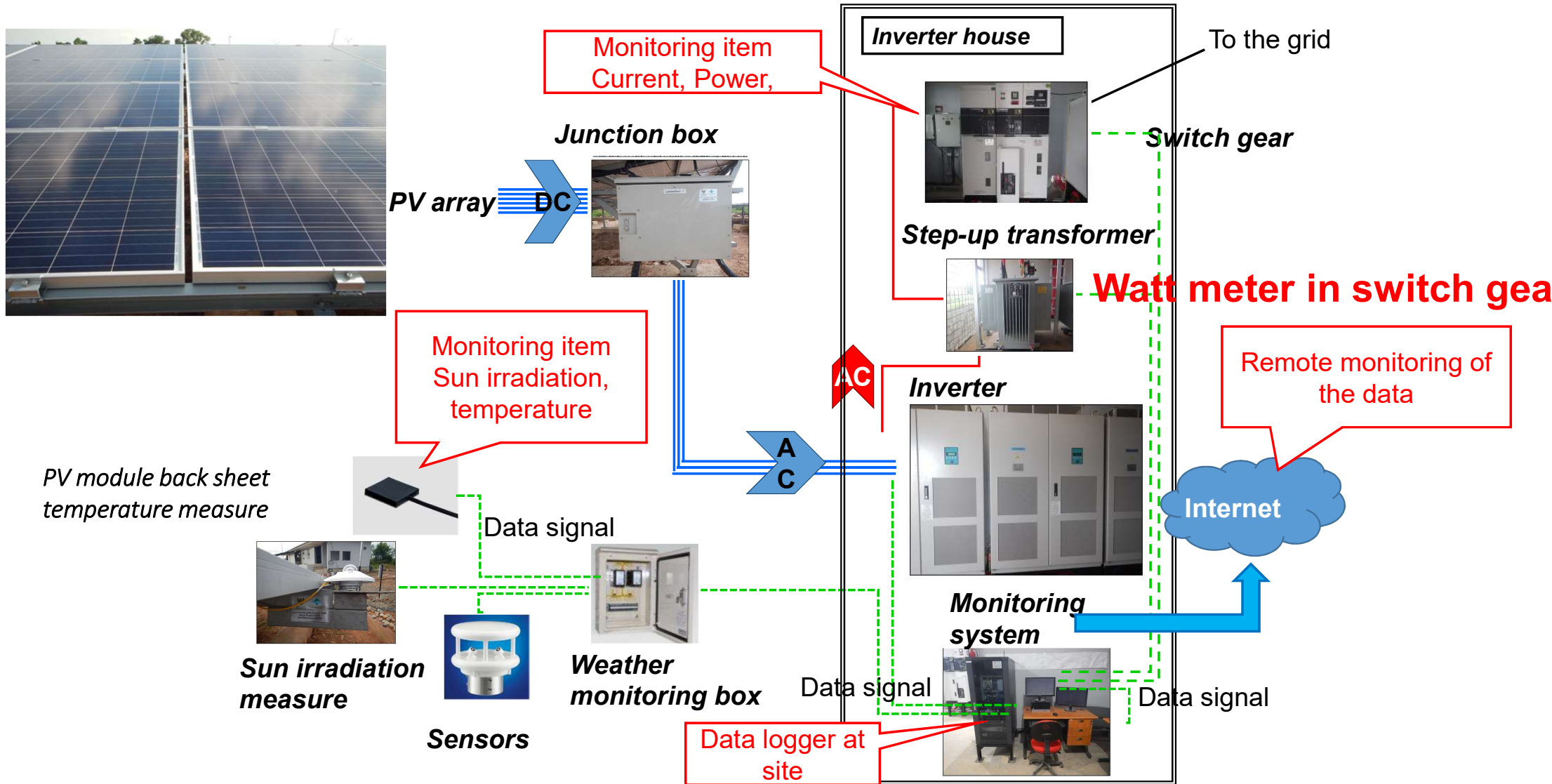


- System size:
1,653.12kWdc/2,000kWac
- Module type:
Poly-crystalline 315W
- Number of PV modules:
5,248 pcs
- Direction: North
- Inclination: 10 degree

Project View



MRV Monitoring point



Construction, joint work by Indonesia and Japan(1/2)



Construction, joint work by Indonesia and Japan(2/2)



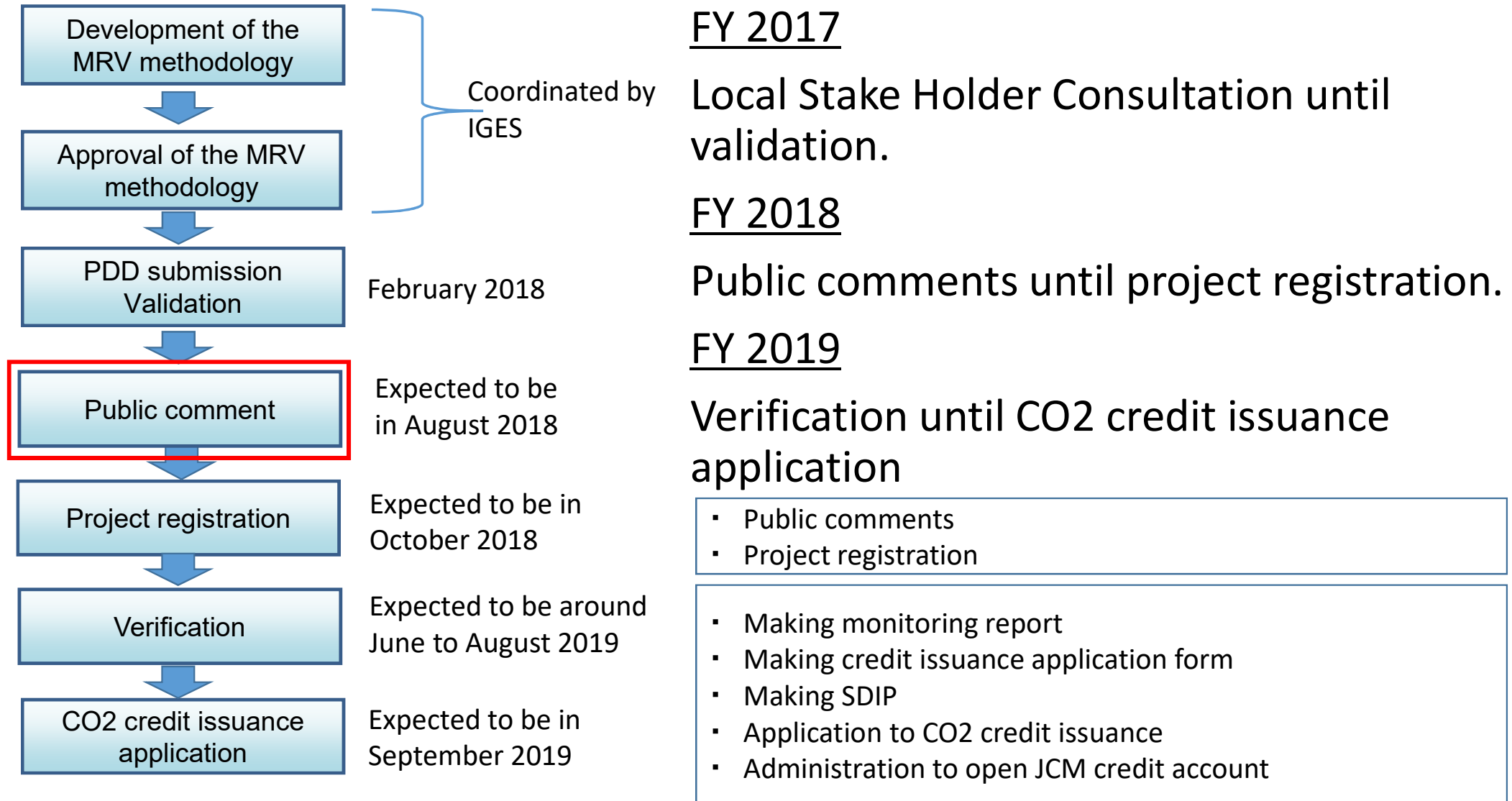
Inauguration Ceremony on June 30th, 2018



Governor of South Sumatera introduced concept of “Green Sport City/Green infrastructure” of Jakabaring Sport City for Asian Games 2018.



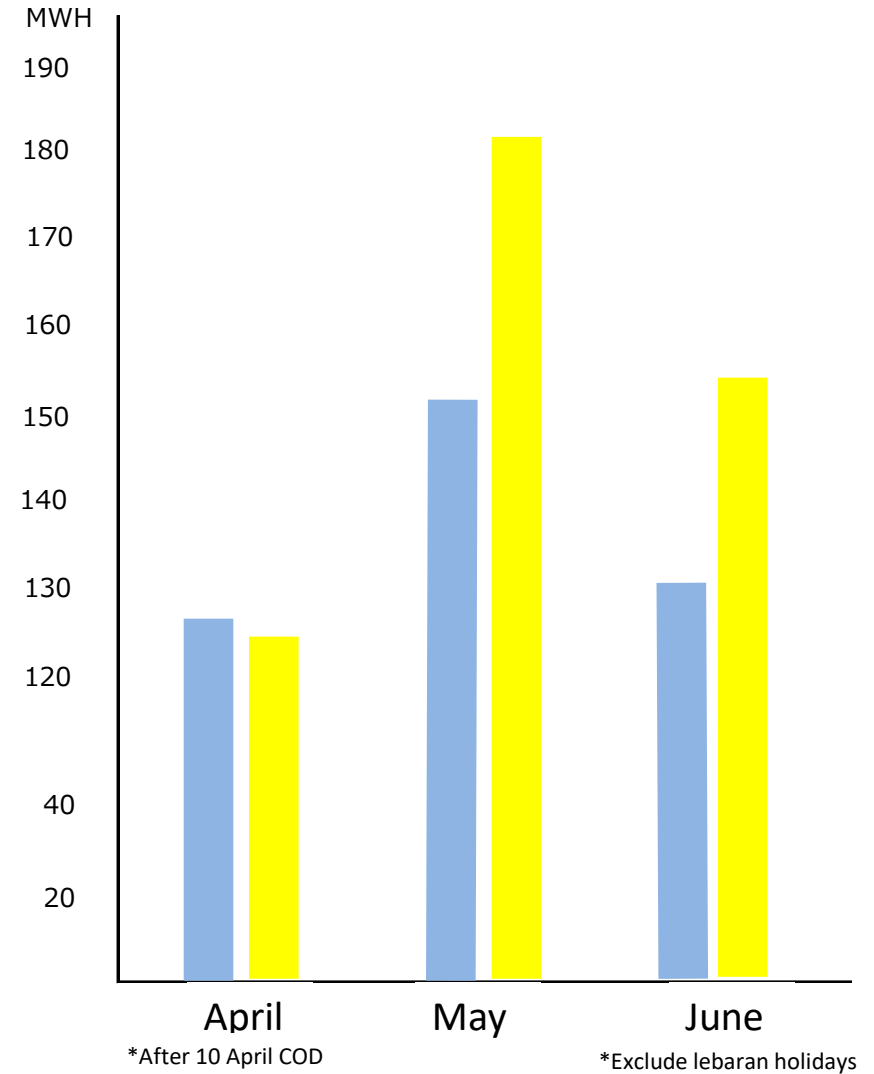
MRV Progress of the JCM Project Cycle



Actual records until June 2018

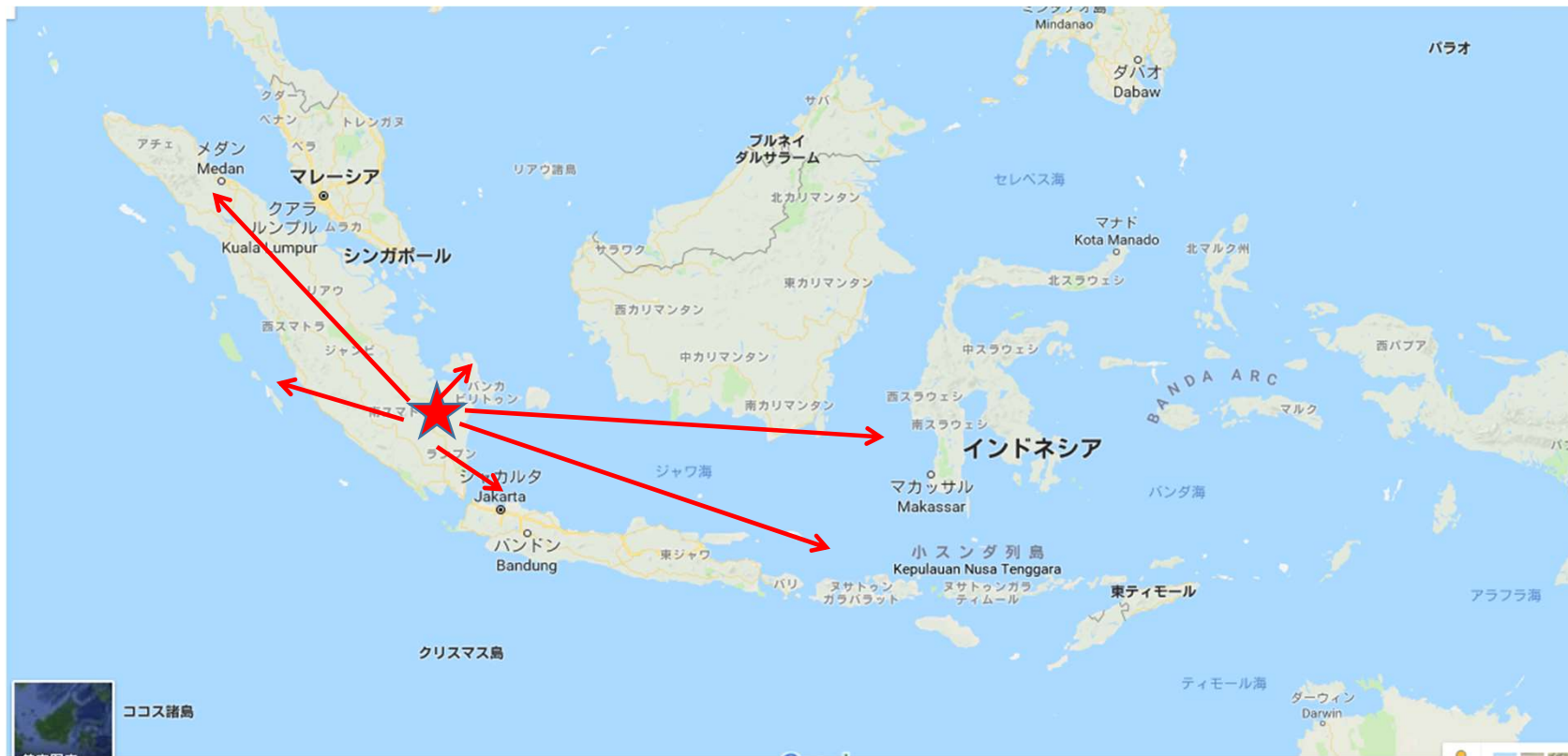
The solar power plant has been operating successfully and already supplied approx. 12% better power to customers.

220 tons of CO2 reduction was already realized.



Further opportunities

Solar power plant, as one of the distributed power source, will be welcomed at each island in Indonesia.



Thank you
SHARP