Progress:
- 17 partner countries with more than 140 projects in the pipeline whose potential emission reductions accumulated to be about 10 million t-CO₂ by 2030
- 21,426 credits issued from 16 projects

(Example of pipeline projects)

- **【Waste heat recovery in cement industry】** (Indonesia)
  - 122,000tCO₂/y.
  - Start operation: Dec. 2017

- **【Waste to Energy plant】** (Myanmar)
  - 4,732tCO₂/y.
  - Start operation: Apr. 2017

- **【Co-Generation Plant】** (Thailand)
  - 7,308tCO₂/y.
  - Start operation: Apr. 2018

- **【Solar Power Project】** (Mongolia)
  - 11,221tCO₂/y.

MRV: measurement, reporting and verification
JCM Financing programme by MOEJ (FY2013～2018) as of October 2, 2018

**Total 130 projects in 17 partner countries**

**Thailand:** 27 projects
- Energy Saving at Convenience Store
- Upgrading Air-saving Loom*
- Centrifugal Chiller in Tire Factory
- Air Conditioning System & Chiller*
- Ion Exchange Membrane Electrolyzer
- LED Lighting to Sales Stores
- Co-generation System
- 1.5MW Solar PV and EMS in Paint Factory
- Heat Recovery Heat Pump
- 27MW Solar PV
- Air-conditioning Control System
- Energy Saving Equipment in Port
- 25MW Solar PV in Industrial Park
- Introduction of Scheme for F-gas Recovery and Destruction

**Bangladesh:** 6 projects
- Centrifugal Chiller
- 320kW PV-diesel Hybrid System
- Centrifugal Chiller*
- Loom at Weaving Factory
- 50MW Solar PV Power Plant
- High Efficiency Transmission Line

**Viet Nam:** 19 projects
- Digital Tachographs*
- Air-conditioning in Hotel*
- Container Formation Facility
- Amorphous transformers*
- Amorphous transformers 2*
- Air-conditioning Control System
- Electricity Kiln
- Energy saving Equipment in Lens Factory
- Amorphous transformers 3
- High Efficiency Water Pumps
- Energy Saving Equipment in Wire Production Factory
- Amorphous transformers 4
- Energy Saving Equipment in Brewery Factory
- High Efficiency Chiller
- Modal Shift with Reever Container
- Inverters for Raw Water Intake Pumps

**Kenya:** 1 project
- 1MW Solar PV at Salt Factory

**Saudi Arabia:** 1 project
- Electrolyzer in Chlorine Production Plant

**Mongolia:** 8 projects
- Heat Only Boiler (HOB)**
- 2.1MW Solar PV in Farm*
- 10MW Solar PV*
- 8.3MW Solar PV in Farm
- 21MW Solar PV
- Upscaling Renewable Energy Sector

**Cambodia:** 6 projects
- LED Street Lighting
- Solar PV & Centrifugal Chiller
- Battambang Wastewater Treatment Project
- 200kW Solar PV at International School
- Inverters for Distribution Pumps
- 1.5MW Solar PV

**Myanmar:** 6 projects
- Centrifugal Chiller
- 370kW Solar PV for Commercial Facilities*
- 150kW Solar PV for School*
- 440kW Solar PV for Commercial Facilities II*
- 0.4MW Solar PV for Supermarket

**Maldives:** 2 projects
- 190kW Solar Power on School Rooftop*
- Smart Micro-Grid System

**Philippines:** 8 projects
- Centrifugal Chiller at Textile Factory*
- Refrigerants to Cold Chain Industry**
- Centrifugal Chiller at Textile Factory 2*
- 20kW Solar Power Hybrid System
- Centrifugal Chiller at Textile Factory 3*
- Upgrading to Air-saving Loom*
- Smart LED Street Lighting System
- Gas Co-generation System
- 1.6MW PV in Jakarta Sports City
- 10MW Hydro Power Plant
- Industrial Wastewater Treatment System
- Absorption Chiller
- High Efficiency Autoclave
- Centrifugal Chiller and Air-conditioning Control System

**Indonesia:** 30 projects
- Energy Saving at Convenience Store*
- Double Bundle-type Heat Pump*
- 30MW Waste Heat Recovery in Cement Industry*
- Regenerative Burners
- Old Corrugated Cartons Process*
- Centrifugal Chiller in Shopping Mall*
- Once-through Boiler System in Film Factory
- Once-through Boiler in Golf Ball Factory
- REDD+ through controlling slush and burn
- Looms in Weaving Mill
- LED Lighting to Sales Stores
- Gas Co-generation system
- 0.5MW Solar PV
- 10MW Hydro Power Plant
- CNG-Diesel Hybrid Public Bus

**Mexico:** 5 projects
- 4.8MW Power Generation with Methane Gas Recovery System
- Once-through Boiler and Fuel Switching
- 64MW Wind Farm
- 20MW Solar PV
- 30MW Solar PV

**Costa Rica:** 2 projects
- 5MW Solar PV
- Chiller and Heat Recovery System

**Chile:** 1 project
- 1MW Rooftop Solar PV

**Total 130 projects in 17 partner countries**

Underlined projects have started operation (77 projects, including 1 partially started projects)
Projects with * have been registered as JCM projects (31 projects)