

JCM Financing Programme by MOE Japan (FY2013-2024)

as of October 18, 2024

Total 252 projects (29 partner countries)

(● Model Project: 235 projects (including Eco Lease: 7 projects), ▲ F-gas: 4 projects, ■ ADB: 8 projects, ▣ UNIDO: 1 project, ● New Technology : 2 project, ◆ REDD+: 2 projects)

181 underlined projects have been started operation.

74 projects with * have been registered as JCM projects.

Cambodia: 5 projects

- LED Street Lighting*
- 200kW Solar PV at International School*
- 1MW Solar PV & Centrifugal Chiller
- Inverters for Distribution Pumps*
- 0.9MW Solar PV

Myanmar: 8 projects

- 700kW Waste to Energy Plant*
- Brewing Systems to Brewery Factory
- Once-through Boiler in Instant Noodle Factory
- 1.8MW Rice Husk Power Generation
- Refrigeration System in Logistics Center
- 4.3MW Solar PV
- 8.8MW Waste Heat Recovery in Cement Plant
- Brewing Systems and Biogas Boiler to Brewery Factory

Bangladesh: 5 projects

- Centrifugal Chiller
- Loom at Weaving Factory*
- 315kW PV-diesel Hybrid System*
- Centrifugal Chiller*
- High Efficiency Transmission Line

Tunisia: 2 projects

- 50MW Solar PV1
- 50MW Solar PV2

Saudi Arabia: 3 projects

- Electrolyzer in Chlorine Production Plant*
- 400MW Solar PV
- 100MW Solar PV

Maldives: 4 projects

- 186kW Solar Power on School Rooftop*
- Smart Micro-Grid System*
- Greater Male Waste to Energy Project
- BESS and Ocean Energy

Kenya: 5 projects

- 1MW Solar PV at Salt Factory*
- 3.1MW Solar PV
- 2.3MW Solar PV
- 230kW Solar PV and Storage Battery
- 1.7MW Solar PV

Thailand: 51 projects

- Energy Saving at Convenience Store
- Centrifugal Chiller & Compressor*
- Air Conditioning System & Chiller*
- Chilled Water Supply System
- 12MW Waste Heat Recovery in Cement Plant*
- Refrigerator and Evaporator
- 5MW Floating Solar PV*
- Biomass Co-generation System
- 17.8MW Solar PV in Industrial Park
- ▲ F-gas Recovery and Destruction Scheme
- Heat Exchanger in Fiber Factory
- 5MW Solar PV
- 18.9MW Solar PV and Floating Solar PV
- Boiler, Chiller and PV
- 0.13MW Solar PV (Eco Lease)
- ORC Waste Heat Recovery
- 1.6MW Solar PV (Eco Lease)
- Perovskite Solar Cell
- 1MW Solar PV on Factory Rooftop*
- Centrifugal Chiller in Tire Factory
- Refrigeration System*
- LED Lighting to Sales Stores
- Co-generation System PV
- Heat Recovery Heat Pump*
- Boiler System in Rubber Belt Plant
- Co-generation in Fiber Factory
- 3.4MW Solar PV
- 8.1MW Solar PV
- 2MW Solar PV2
- Once-through Boiler in Garment Factory
- 2MW Solar PV3
- Gas Co-generation System & 22MWSolar PV
- 4MW Solar PV
- Biomass Co-generation System
- Upgrading Air-saving Loom*
- Co-generation in Motorcycle Factory*
- Ion Exchange Membrane Electrolyzer
- 2MW Solar PV1
- 3.4MW Solar PV*
- 30MW Solar PV*
- Air-conditioning Control System
- Biomass Boiler
- 0.8MW Solar PV and Centrifugal Chiller
- 37MW Solar PV and Melting Furnace
- Centrifugal Chiller to Machinery Factory
- 2.7MW Solar PV with Blockchain Technology
- 1.3MW Solar PV (Eco Lease)
- 1.3MW Solar PV (Eco Lease)
- Gas Co-generation System & 22MWSolar PV
- 2.9MW Solar PV
- Productivity Improvement of Aluminum Ingots
- 0.9MW Solar PV

Mongolia: 10 projects

- Heat Only Boiler (HOB)**
- 15MW Solar PV1*
- 15MW Solar PV2
- 2.1MW Solar PV in Farm*
- Upscaling Renewable Energy Sector
- Improving Access to Health Services
- 10MW Solar PV*
- Fuel Conversion by Introduction of LPG Boilers
- Green Hydrogen Production and Heat Supply
- 8.3MW Solar PV in Farm*

Viet Nam: 50 projects

- Digital Tachographs*
- Container Formation Facility*
- Air-conditioning Control System
- Energy saving Equipment in Lens Factory*
- Amorphous transformers 4
- Modal Shift with Reefer Container
- Biomass Boiler to Chemical Factory
- 57MW solar PV
- Waste to Energy
- 9.8MW Solar PV
- ▲ F-gas Recovery and Mixed Combustion Scheme
- 7.9MW Solar PV
- 1.8MW Solar PV
- Biomass Co-generation System
- 1.25MW Solar PV
- Amorphous transformers 1*
- Once-through Boiler to Food Factory
- LED Lighting to Office Building
- 5.8MW Solar PV
- F-gas Recovery and Mixed Combustion Scheme (Eco Lease)
- 0.4MW Solar PV
- 0.8MW Solar PV
- 15MW Solar PV
- 320kW Solar PV in Shopping Mall*
- Electricity Kiln
- Amorphous transformers 3*
- Energy Saving Equipment in Brewery Factory
- Inverters for Raw Water Intake Pumps
- Air Cooled Chillers
- Air-conditioning in Hotel1*
- 20MW Flash Geothermal Power Plant
- 28MW Binary Geothermal Power Generation
- 9MW Solar PV
- 5.6MW Binary Geothermal Power Generation
- 27MW Solar PV
- 10MW Solar PV
- Air-conditioning in Lens Factory*
- Amorphous transformers 2*
- High Efficiency Water Pumps*
- Energy Saving Equipment in Wire Production Factory*
- High Efficiency Chiller
- ▲ F-gas Recovery and Dedicated Destruction Scheme
- 49MW solar PV
- Air-conditioning in Hotel2
- 12MW Solar PV
- Chiller and LED
- 16MW Mini Hydro Power Plant
- 40MW Offshore Wind Power
- 50MW Biomass Power Plant2
- 1.9MW Solar PV

Philippines: 20 projects

- 1.53MW Rooftop Solar PV*
- 4MW Solar PV*
- 29MW Binary Geothermal Power Generation
- ▲ F-gas Recovery and Destruction Scheme
- 14.5MW Mini Hydro Power Plant
- 0.8MW Solar PV (Eco Lease)
- 6MW Waste Heat Recovery in Cement Plant
- 1.2MW Solar PV (Eco Lease)
- 7MW Solar PV
- 1MW Rooftop Solar PV*
- 9.6MW Solar PV
- Biogas Power Generation and Fuel Conversion
- 20MW Flash Geothermal Power Plant
- 28MW Binary Geothermal Power Generation
- 9MW Solar PV
- 5.6MW Binary Geothermal Power Generation
- 27MW Solar PV
- 10MW Solar PV
- 1.2MW Rooftop Solar PV*
- 20MW Flash Geothermal Power Plant
- 28MW Binary Geothermal Power Generation
- 9MW Solar PV
- 5.6MW Binary Geothermal Power Generation
- 27MW Solar PV
- 10MW Solar PV

Palau: 6 projects

- 370kW Solar PV for Commercial Facilities*
- 155kW Solar PV for School*
- 445kW Solar PV for Commercial Facilities II*
- 0.4MW Solar PV for Supermarket*
- 1MW Solar PV for Supermarket
- Clean Energy Financing Project

Indonesia: 51 projects

- Centrifugal Chiller at Textile Factory1*
- Refrigerants to Cold Chain Industry**
- Centrifugal Chiller at Textile Factory 2*
- 500kW Solar PV and Storage Battery*
- Centrifugal Chiller at Textile Factory*
- Upgrading to Air-saving Loom*
- Smart LED Street Lighting System
- Gas Co-generation System*
- 1.6MW Solar PV in Jakabaring Sport City*
- 10MW Hydro Power Plant1
- Industrial Wastewater Treatment System
- Absorption Chiller*
- Rehabilitation of Hydro Power Plant
- Boiler to Carton Box Factory
- 6MW Hydro Power Plant2
- Thermal Oil Heater System
- 2.3MW Hydro Power Plant
- 5MW Solar PV
- 3.5MW Hydro Power Plant
- 12MW Biomass Power Plant
- Looms in Weaving Mill*
- 0.5MW Solar PV*
- High Efficiency Autoclave1
- Injection Molding Machine
- 10MW Hydro Power Plant2
- 5MW Hydro Power Plant
- 2.1MW Rooftop Solar PV
- High Efficiency Autoclave2
- 3.1MW Solar PV
- Energy Saving and Solar PV
- 3MW Solar PV
- LED Lighting to Sales Stores
- Gas Co-generation system
- CNG-Diesel Hybrid Public Bus
- 2MW Mini Hydro Power Plant
- 6MW Hydro Power Plant1
- 4.2MW Solar PV
- 6MW Hydro Power Plant3
- Once-through Boiler in Chemical Factory
- 2.1MW Solar PV
- 55MW Geothermal Power Generation
- Improvement of Flat Glass Production Melting Furnace
- 3.4MW Rice Husk Power Generation
- 25.8MW Solar PV
- 3MW Solar PV3
- 9MW Solar PV4
- 2.0MW Solar PV
- 26.3MW Solar PV and 48MWh Storage Battery
- 294MWh Storage Battery in PV Plant
- 12MW Solar PV and 41MWh Storage Battery
- 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

Mexico: 5 projects

- 1.2MW Power Generation with Methane Gas Recovery System
- Once-through Boiler and Fuel Switching
- 30MW Solar PV1
- Energy Efficient Distillation System
- 0.5MW Solar PV (Eco Lease)

Costa Rica: 2 projects

- 5MW Solar PV*
- Chiller and Heat Recovery System

Chile: 16 projects

- 1MW Rooftop Solar PV*
- 3MW Solar PV1*
- 9MW Solar PV1
- 6MW Solar PV
- 48MW Solar PV
- 26.3MW Solar PV and 48MWh Storage Battery
- 294MWh Storage Battery in PV Plant
- 12MW Solar PV and 41MWh Storage Battery
- 3.4MW Rice Husk Power Generation
- 25.8MW Solar PV
- 3MW Solar PV3
- 9MW Solar PV4
- 3MW Solar PV2*
- 9MW Solar PV2
- 9MW Solar PV3
- 2.0MW Solar PV