## JCM Financing Programme by MOEJ (FY2013 ~ 2023) as of October 5, 2023

32MW Solar PV and Floating Solar PV

35MW Solar PV and Storage Battery

1.3MW Solar PV (Eco Lease)

ORC Waste Heat Recovery

Boiler, Chiller and PV

4MW Solar PV

Total 235 projects (27 partner countries) (●Model Project: 222 projects(including Eco Lease: 7projects), ■ADB: 6 projects, ■UNIDO: 1 project, ◆ REDD+: 2 projects, ▲F-gas: 4 projects) **157 underlined projects** have been started operation. 72 projects with \* have been registered as JCM projects. Mongolia:9 projects Cambodia:5 projects Heat Only Boiler (HOB)\*\* • 2.1MW Solar PV in Farm\* ● 10MW Solar PV\* 8.3MW Solar PV in Farm \* LED Street Lighting\* 200kW Solar PV at International School\* ● 15MW Solar PV1\* Upscaling Renewable Energy Sector
Fuel Conversion by Introduction of LPG Boilers • 1MW Solar PV & Centrifugal Chiller • Inverters for Distribution Pumps\* ■Improving Access to Health Services 15MW Solar PV2 0.9MW Solar PV Viet Nam:44 projects Digital Tachographs\* Amorphous transformers1\* Air-conditioning in Hotel1\* Air-conditioning in Lens Factory\* Myanmar:8 projects Container Formation Facility\* 320kW Solar PV in Shopping Mall\* Amorphous transformers 2\* ● 700kW Waste to Energy Plant\* ● Brewing Systems to High Efficiency Water Pumps\* Air-conditioning Control System Electricity Kiln Brewery Factory Once-through Boiler in Instant Noodle Factory Energy saving Equipment in Lens Factory\* Amorphous transformers 3\*
Energy Saving Equipment in Wire Production Factory\* ● 1.8MW Rice Husk Power Generation Energy Saving Equipment in Brewery Factory
High Efficiency Chiller Amorphous transformers 4 Refrigeration System in Logistics Center
4.3MW Solar PV Modal Shift with Reefer Container Inverters for Raw Water Intake Pumps 8.8MW Waste Heat Recovery in Cement Plant ▲ F-gas Recovery and Dedicated Destruction Scheme Biomass Boiler to Chemical Factory Air Cooled Chillers Brewing Systems and Biogas Boiler to Brewery Factory 49MW solar PV ● 57MW solar PV ● Once-through Boiler to Food Factory Biomass Boiler ● <u>Air-conditioning in Hotel2</u> ● 2MW Solar PV Waste to Energy LED Lighting to Office Building 9MW Solar PV Bangladesh:5 projects 12MW Solar PV 9.8MW Solar PV5.8MW Solar PV 2.5MW Solar PV Chiller and LED Centrifugal Chiller Loom at Weaving Factory\* ▲ F-gas Recovery and Mixed Combustion Scheme 20MW Biomass Power Plant 16MW Mini Hydro Power Plant 315kW PV-diesel Hybrid System\* 7.9MW Solar PV 0.4MW Solar PV (Eco Lease) 5.7MW Solar PV 48MW Offshore Wind Power ■ High Efficiency Transmission Line Centrifugal Chiller\* 1.8MW Solar PV 0.8MW Solar PV 1.9MW Solar PV Maldives:3 projects Philippines: 17 projects Mexico:5 projects 186kW Solar Power on School Rooftop\* ●1.53MW Rooftop Solar PV \* ●1MW Rooftop Solar PV ●1.2MW Rooftop Solar PV \* • 1.2MW Power Generation with Methane Gas ■ Smart Micro-Grid System\* ●4MW Solar PV \* ●9.6MW Solar PV Biogas Power Generation and Fuel Recovery System ■ Greater Male Waste to Energy Project Once-through Boiler and Fuel Switching 29MW Binary Geothermal Power Generation 30MW Solar PV1 Saudi Arabia: 3 projects ●20MW Flash Geothermal Power Plant
▲ F-gas Recovery and Destruction Scheme Energy Efficient Distillation System Electorolyzer in Chlorine Production Plant\* 28MW Binary Geothermal Power Generation 0.5MW Solar PV (Eco Lease) ● 400MW Solar PV ● 100MW Solar PV • 14.5MW Mini Hydro Power Plant 9MW Solar PV Ethiopia:1 project • 0.8MW Solar PV (Eco Lease) 5.6MW Binary Geothermal Power Generation • 120MW Solar PV ●6MW Waste Heat Recovery in Cement Plant ●27MW Solar PV Kenya:5 projects 1.2MW Solar PV (Eco Lease) 1MW Solar PV at Salt Factory\* Chile: 14 projects 3.1MW Solar PV ● 1MW Rooftop Solar PV\* 2.3MW Solar PV
230kW Solar PV and Storage Battery Costa Rica: 2 projects 3.4MW Rice Husk Power Generation Palau:5 projects ●1.5MW Solar PV ●3MW Solar PV1\* 3MW Solar PV2 ● 5MW Solar PV\* 370kW Solar PV for Commercial Facilities\* ●9MW Solar PV1 25.8MW Solar PV Chiller and Heat Recovery 155kW Solar PV for School\* ●9MW Solar PV2 3MW Solar PV3 Laos:6 projects 445kW Solar PV for Commercial Facilities II \* 6MW Solar PV 9MW Solar PV3 ◆REDD+ through controlling slush-and-burn 0.4MW Solar PV for Supermarket\* •47MW Solar PV 9MW Solar PV4 Amorphous transformers1<sup>®</sup> 14MW Floating Solar PV\* 1MW Solar PV for Supermarket 2.0MW Solar PV 26.3MW Solar PV and 48MWh Storage Battery 11MW Solar PV\* 15MW Solar PV Amorphous transformers2 Indonesia:52 projects Centrifugal Chiller at Textile Factory1\* Energy Saving at Convenience Store\* Refrigerants to Cold Chain Industry\*\* Double Bundle-type Heat Pump\* Thailand:51 projects Centrifugal Chiller at Textile Factory 2\* 30MW Waste Heat Recovery in Cement Industry\* Energy Saving at Convenience Store 1MW Solar PV on Factory Rooftop\* Upgrading Air-saving Loom\* • 500kW Solar PV and Storage Battery\* Regenerative Burners\* Centrifugal Chiller & Compressor\* Centrifugal Chiller in Tire Factory Co-generation in Motorcycle Factory\* Centrifugal Chiller at Textile Factory\* Old Corrugated Cartons Process\* • Refrigeration System\* Air Conditioning System & Chiller\* Ion Exchange Membrane Electrolyzer Upgrading to Air-saving Loom\* Centrifugal Chiller in Shopping Mall\* Chilled Water Supply System LED Lighting to Sales Stores 2MW Solar PV1 Smart LED Street Lighting System Once-through Boiler System in Film Factory\* • 12MW Waste Heat Recovery in Cement Plant \* • Co-generation System PV • 3.4MW Solar PV\* Gas Co-generation System\* Once-through Boiler in Golf Ball Factory\* Refrigerator and Evaporator Heat Recovery Heat Pump \* 30MW Solar PV\* 1.6MW Solar PV in Jakabaring Sport City\* ◆ REDD+ through controlling slush-and burn 5MW Floating Solar PV\* LED Lighting to Sales Stores Boiler System in Rubber Belt Plant Air-conditioning Control System • 10MW Hydro Power Plant1 Looms in Weaving Mill\* Biomass Co-generation System Co-generation in Fiber Factory Biomass Boiler • Industrial Wastewater Treatment System 0.5MW Solar PV\* Gas Co-generation system • 17.8MW Solar PV in Industrial Park 3.4MW Solar PV CNG-Diesel Hybrid Public Bus 0.8MW Solar PV and Centrifugal Chiller Absorption Chiller\*
High Efficiency Autoclave1 ▲ F-gas Recovery and Destruction Scheme • 37MW Solar PV and Melting Furnace Rehabilitation of Hydro Power Plant Injection Molding Machine 2MW Mini Hydro Power Plant 8.1MW Solar PV Centrifugal Chiller to Machinery Factory • 10MW Hydro Power Plant2 •6MW Hydro Power Plant1 Heat Exchanger in Fiber Factory Boiler to Carton Box Factory • 5MW Hydro Power Plant ● 5MW Solar PV ● 2.6MW Solar PV 2MW Solar PV2 2.7MW Solar PV with Blockchain Technology •6MW Hydro Power Plant2 4.2MW Solar PV • 23MW Solar PV

8MW Mini Hvdro Power Plant

Once-through Boiler in Chemical Factory

• 6MW Hydro Power Plant3

2.1MW Solar PV

Thermal Oil Heater System

• 2.3MW Hydro Power Plant

3.5MW Hydro Power Plant

5MW Solar PV

3.3MW Rooftop Solar PV

3.1MW Solar PV

• 3MW Solar PV

High Efficiency Autoclave2

Energy Saving and Solar PV

2.9MW Solar PV •1.6MW Solar PV (Eco Lease) Methane Avoidance and Biomass Boiler in Fruit Processing Factory ■55MW Geothermal Power Generation ●12MW Biomass Power Plant Improvement of Flat Glass Production Melting Furnace

2MW Solar PV3

• 0.13MW Solar PV (Eco Lease) • Gas Co-generation System & 22MWSolar PV

Once-through Boiler in Garment Factory

0.9MW Solar PV