

List of JCM Financing programme by MOEJ (FY2013~2018) as of June 25, 2018

No	Year	Partner Country	Type	Entity	Project Title	Sector	Expected GHG Emission Reductions
1	2013	Indonesia	JCM Model Project	EBARA REFRIGERATION EQUIPMENT & SYSTEMS CO., LTD.	Energy Saving for Air-conditioning and Process Cooling at Textile Factory	Energy Efficiency Improvement	117
2	2013	Indonesia	JCM Model Project	Lawson, Inc.	Installation of Inverter-type Air Conditioning System LED Lighting and Separate Type Fridge Freezer Showcase to Grocery Stores in Republic	Energy Efficiency Improvement	141
3	2013	Indonesia	JCM Model Project	Mayekawa Manufacturing Co., Ltd.	Energy Efficient Refrigerants to Cold Chain Industry	Energy Efficiency Improvement	165
4	2013	Indonesia	JCM Model Project	Toyota Tsusho Corporation	Energy Saving by Installation of Double Bundle-type Heat Pump	Energy Efficiency Improvement	175
5	2013	Indonesia	JCM Model Project	EBARA REFRIGERATION EQUIPMENT & SYSTEMS CO., LTD.	Energy Saving for Air-conditioning and Process Cooling at Textile Factory	Energy Efficiency Improvement	152
6	2013	Mongolia	JCM Model Project	SUURI-KEIKAKU Co., Ltd.	Upgrading and Installation of Centralized Control System of High-efficiency Heat Only Boiler (HOB)	Energy Efficiency Improvement	298
7	2013	Palau	JCM Model Project	Pacific Consultants Co., Ltd.	Small-Scale Solar Power Plant for Commercial Facilities in Island States	Renewable Energy	259
8	2014	Indonesia	JCM Model Project	JFE Engineering Corporation	Power Generation by Waste-heat Recovery in Cement Industry	Energy Efficiency Improvement	122,000
9	2014	Indonesia	JCM Model Project	Itochu Corporation	Installation of Solar Power System and Storage Battery to Commercial Facility	Renewable Energy	549
10	2014	Indonesia	JCM Model Project	Toyotsu Machinery Corporation	Energy Saving through Introduction of Regenerative Burners to the Aluminum Holding Furnace of the Automotive Components	Energy Efficiency Improvement	91
11	2014	Indonesia	JCM Model Project	EBARA REFRIGERATION EQUIPMENT & SYSTEMS CO., LTD.	Energy Saving for Textile Factory Facility Cooling by High Efficiency Centrifugal Chiller	Energy Efficiency Improvement	205
12	2014	Vietnam	JCM Model Project	Nippon Express Co., LTD.	Eco-driving by Utilizing Digital Tachograph System	Transport	328
13	2014	Maldives	JCM Model Project	Pacific Consultants Co., Ltd.	School Building Rooftop Solar Power Plant Project	Renewable Energy	216
14	2014	Bangladesh	JCM Model Project	EBARA REFRIGERATION EQUIPMENT & SYSTEMS CO., LTD.	Energy saving for air conditioning & facility cooling by high-efficiency centrifugal chiller (Suburbs of Dhaka)	Energy Efficiency Improvement	234
15	2014	Indonesia	JCM Model Project	KANEMATSU CORPORATION	Introduction of high efficient Old Corrugated Cartons Process at Paper Factory	Energy Efficiency Improvement	14,885
16	2014	Indonesia	JCM Model Project	Toray Industries, Inc.	Reducing GHG emission at textile factories by upgrading to air-saving looms	Energy Efficiency Improvement	567
17	2014	Palau	JCM Model Project	Pacific Consultants Co., Ltd.	Small-Scale Solar Power Plants for Commercial Facilities Project II	Renewable Energy	320
18	2014	Palau	JCM Model Project	Pacific Consultants Co., Ltd.	Solar PV System for Schools Project	Renewable Energy	111
19	2014	Vietnam	JCM Model Project	Yuko Keiso Co., Ltd.	Introduction of Amorphous high efficiency transformers in power distribution systems	Energy Efficiency Improvement	610
20	2014	Maldives	ADB	Addu Atoll Electric Power Corporation	Smart Micro Grid System at Addu Atoll	Renewable Energy	3,958
21	2015	Indonesia	JCM Model Project	NTT FACILITIES, INC.	Energy Saving for Air-Conditioning at Shopping Mall with High Efficiency Centrifugal Chiller	Energy Efficiency Improvement	386
22	2015	Indonesia	JCM Model Project	NTT FACILITIES, INC.	Energy Saving for Industrial Park with Smart LED Street Lighting System	Energy Efficiency Improvement	1,016
23	2015	Indonesia	JCM Model Project	Mitsubishi Chemical Corporation	Introduction of High Efficiency Once-through Boiler System in Film Factory	Energy Efficiency Improvement	363
24	2015	Cambodia	JCM Model Project	MinebeaMitsumi Inc.	Introduction of High Efficiency LED Lighting Utilizing Wireless Network	Energy Efficiency Improvement	3,590
25	2015	Bangladesh	JCM Model Project	Toyota Tsusho Corporation	Installation of High Efficiency Loom at Weaving Factory	Energy Efficiency Improvement	1,518
26	2015	Bangladesh	JCM Model Project	YKK Corporation	Introduction of PV-diesel Hybrid System at Fastening Manufacturing Plant	Renewable Energy	265
27	2015	Vietnam	JCM Model Project	NTT DATA INSTITUTE OF MANAGEMENT CONSULTING, Inc.	Introduction of High Efficiency Air-conditioning in Hotel	Energy Efficiency Improvement	1,224
28	2015	Vietnam	JCM Model Project	Ricoh Company, Ltd.	Energy Saving in Lens Factory with Energy Efficient Air-Conditioners	Energy Efficiency Improvement	139
29	2015	Thailand	JCM Model Project	FamilyMart Co., Ltd.	Energy Saving at Convenience Stores with High Efficiency Air-Conditioning and Refrigerated Showcase	Energy Efficiency Improvement	4,970
30	2015	Thailand	JCM Model Project	Pacific Consultants Co., Ltd.	Introduction of Solar PV System on Factory Rooftop	Renewable Energy	491
31	2015	Thailand	JCM Model Project	Toray Industries, Inc.	Reducing GHG Emission at Textile Factory by Upgrading to Air-saving Loom (Samutprakarn)	Energy Efficiency Improvement	646
32	2015	Thailand	JCM Model Project	Sony Semiconductor Manufacturing Corporation	Energy Saving for Semiconductor Factory with High Efficiency Centrifugal Chiller	Energy Efficiency Improvement	620
33	2015	Myanmar	JCM Model Project	JFE Engineering Corporation	Introduction of Waste to Energy Plant in Yangon City	Waste Management /Biomass Utilisation	2,358
34	2015	Vietnam	JCM Model Project	Hitachi Chemical Company, Ltd.	Energy Saving in Acid Lead Battery Factory with Container Formation Facility	Energy Efficiency Improvement	2,880
35	2015	Indonesia	JCM Model Project	Toyota Tsusho Corporation	Installation of Gas Co-generation System for Automobile Manufacturing Plant	Energy Efficiency Improvement	20,439
36	2015	Thailand	JCM Model Project	NIPPON STEEL & SUMIKIN ENGINEERING CO., LTD.	Installation of Co-Generation Plant for On-Site Energy Supply in Motorcycle Factory	Energy Efficiency Improvement/ Renewable Energy	7,308
37	2015	Ethiopia	JCM Model Project	Pacific Consultants Co., Ltd.	Introduction of Biomass CHP Plant in Flooring Factory	Energy Efficiency Improvement	7,940
38	2015	Indonesia	JCM Model Project	Sharp Corporation	1.6MW Solar PV Power Plant Project in Jakabaring Sport City	Renewable Energy	1,277
39	2015	Indonesia	JCM Model Project	Sumitomo Rubber Industries, Ltd.	Introduction of High Efficiency Once-through Boiler in Golf Ball Factory	Energy Efficiency Improvement	329
40	2015	Cambodia	JCM Model Project	Asian Gateway Corporation	Introduction of Ultra-lightweight Solar Panels for Power Generation at International School	Renewable Energy	149
41	2015	Kenya	JCM Model Project	Pacific Consultants Co., Ltd.	6MW Small Hydropower Generation Project in Rupingazi	Renewable Energy	16,528
42	2015	Kenya	JCM Model Project	Pacific Consultants Co., Ltd.	Introduction of Solar PV System at Salt Factory	Renewable Energy	873
43	2015	Saudi Arabia	JCM Model Project	KANEMATSU CORPORATON	Introduction of High Efficiency Electrolyzer in Chlorine Production Plant	Energy Efficiency Improvement	1,276
44	2015	Thailand	JCM Model Project	Sony Semiconductor Manufacturing Corporation	Energy Saving for Semiconductor Factory with High Efficiency Centrifugal Chiller and Compressor	Energy Efficiency Improvement	2,683
45	2015	Thailand	JCM Model Project	Inabata & Co., Ltd.	Energy Saving for Air-Conditioning in Tire Manufacturing Factory with High Efficiency Centrifugal Chiller	Energy Efficiency Improvement	385
46	2015	Bangladesh	JCM Model Project	Pacific Consultants Co., Ltd.	50MW Solar PV Power Plant Project	Renewable Energy	40,527
47	2015	Bangladesh	JCM Model Project	EBARA REFRIGERATION EQUIPMENT & SYSTEMS CO., LTD.	Installation of High Efficiency Centrifugal Chiller for Air Conditioning System	Energy Efficiency Improvement	578
48	2015	Vietnam	JCM Model Project	Yuko Keiso Co., Ltd.	Energy Saving in Factories with Air-Conditioning Control System	Energy Efficiency Improvement	4,681
49	2015	Vietnam	JCM Model Project	Yuko Keiso Co., Ltd.	Introduction of Amorphous High Efficiency Transformers in Southern and Central Power Grids	Energy Efficiency Improvement	4,360
50	2015	Vietnam	JCM Model Project	TOTO LTD.	Installation of High Efficiency Kiln in Sanitary Ware Manufacturing Factory	Energy Efficiency Improvement	1,410
51	2015	Vietnam	JCM Model Project	AEON RETAIL Co., Ltd.	Introduction of Solar PV System at Shopping Mall in Ho Chi Minh City	Renewable Energy	274
52	2015	Mongolia	JCM Model Project	Sharp Corporation	10MW Solar Power Project in Darkhan City	Renewable Energy	11,221
53	2015	Mongolia	JCM Model Project	Farmdo Co., Ltd.	Installation of 2.1MW Solar Power Plant for Power Supply in Ulaanbaatar Suburb	Renewable Energy	2,171
54	2015~201	Indonesia	REDD+	KANEMATSU CORPORATION	REDD+ project in Boalemo District	REDD+	under investigation
55	2015~201	Lao PDR	REDD+	Waseda University	REDD+ project in Luang Prabang Province through controlling slash-and-burn	REDD+	under investigation
56	2016	Mongolia	JCM Model Project	Farmdo Co., Ltd.	Installation of 8.3MW Solar Power Plant in Ulaanbaatar suburb Farm	Renewable Energy	10,580
57	2016	Vietnam	JCM Model Project	Yokohama Water Co., Ltd.	Introduction of High Efficiency Water Pumps in Da Nang City	Energy Efficiency Improvement	1,145
58	2016	Vietnam	JCM Model Project	HOYA CORPORATION	Installation of Energy Saving Equipment in Lens Factory	Energy Efficiency Improvement	618
59	2016	Indonesia	JCM Model Project	Toyo Energy Farm Co., Ltd.	10MW Mini Hydro Power Plant Project in North Sumatra	Renewable Energy	42,711
60	2016	Indonesia	JCM Model Project	FAST RETAILING CO., LTD.	Introduction of LED Lighting to Sales Stores	Energy Efficiency Improvement	2,617
61	2016	Indonesia	JCM Model Project	Nisshinbo Textile Inc.	Introduction High Efficiency Looms in Weaving Mill	Energy Efficiency Improvement	1,317
62	2016	Indonesia	JCM Model Project	EMATEC:Environmental Management and Technology Center	Energy Saving in Industrial Wastewater Treatment System for Rubber Industry	Energy Efficiency Improvement	387
63	2016	Costa Rica	JCM Model Project	NTT DATA INSTITUTE OF MANAGEMENT CONSULTING, Inc.	5MW Solar Power Project in Belen	Renewable Energy	2,401
64	2016	Costa Rica	JCM Model Project	NTT DATA INSTITUTE OF MANAGEMENT CONSULTING, Inc.	Introduction of the High Efficiency Chiller and the Exhaust Heat Recovery System	Energy Efficiency Improvement	401
65	2016	Cambodia	JCM Model Project	AEON MALL Co., Ltd.	Introduction of 1MW Solar Power System and High Efficiency Centrifugal Chiller in Large Shopping Mall	Energy Efficiency Improvement/ Renewable Energy	1,688

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66	2016	Mexico	JCM Model Project	NTT DATA INSTITUTE OF MANAGEMENT CONSULTING, Inc.	Introduction of 4.8MW Power Generation with Methane Gas Recovery System	Waste Management /Biomass Utilisation	※CO2 only 17,180
67	2016	Myanmar	JCM Model Project	Kirin Holdings Company, Limited	Introduction of Energy Saving Brewing Systems to Beer Factory	Energy Efficiency Improvement	2,841
68	2016	Myanmar	JCM Model Project	Acecook Co., Ltd.	Introduction of High-efficiency Once-through Boiler in Instant Noodle Factory	Energy Efficiency Improvement	674
69	2016	Thailand	JCM Model Project	Asahi Glass Co., Ltd.	Introduction of High Efficiency Ion Exchange Membrane Electrolyzer in Caustic Soda Production Plant	Energy Efficiency Improvement	2,110
70	2016	Thailand	JCM Model Project	FAST RETAILING CO., LTD.	Introduction of LED Lighting to Sales Stores	Energy Efficiency Improvement	1,774
71	2016	Thailand	JCM Model Project	TEPIA Corporation Japan Co., Ltd.	Introduction of High Efficiency Chilled Water Supply System in Milk Factory	Energy Efficiency Improvement	1,219
72	2016	Vietnam	JCM Model Project	Yuko Keiso Co., Ltd.	Introduction of Amorphous High Efficiency Transformers in Northern, Central and Southern Power Grids	Energy Efficiency Improvement	2,098
73	2016	Vietnam	JCM Model Project	YAZAKI PARTS CO., LTD.	Introduction of Energy Saving Equipment to Automotive Wire Production Factory	Energy Efficiency Improvement	682
74	2016	Thailand	JCM Model Project	NTT DATA INSTITUTE OF MANAGEMENT CONSULTING, Inc.	Introduction of 12MW Power Generation System by Waste Heat Recovery for Cement Plant	Renewable Energy	31,180
75	2016	Thailand	JCM Model Project	DENSO CORPORATION	Introduction of Co-generation System to Motor Parts Factory	Energy Efficiency Improvement	5,904
76	2016	Thailand	JCM Model Project	KYOWA HAKKO BIO CO., LTD.	Introduction of Energy Saving Refrigerator and Evaporator with Mechanical Vapor Recompression in Amino Acid Producing Plant	Energy Efficiency Improvement	2,285
77	2016	Thailand	JCM Model Project	Sharp Corporation	Introduction of 3.4MW Rooftop Solar Power System to Air-conditioning Parts Factories	Renewable Energy	1,963
78	2016	Thailand	JCM Model Project	Finetech Co., Ltd.	Introduction of 1.5MW Rooftop Solar Power System and Advanced EMS for Power Supply in Paint Factory	Renewable Energy	1,344
79	2016	Thailand	JCM Model Project	KANEMATSU CORPORATON	Introduction of Energy Efficient Refrigeration System in Industrial Cold Storage	Energy Efficiency Improvement	295
80	2016	Myanmar	JCM Model Project	Fujita Corporation	Rice Husk Power Generation in Rice Mill Factory in Ayeyarwady	Renewable Energy	2,750
81	2016	Mexico	JCM Model Project	Suntory Spirits Limited	Introduction of Once-through Boiler and Fuel Switching to Tequila Plant	Energy Efficiency Improvement	3,435
82	2016	Thailand	JCM Model Project	CPF JAPAN CO., LTD.	Introduction of Heat Recovery Heat Pumps to Food Processing Factory	Energy Efficiency Improvement	1,171
83	2016	Indonesia	JCM Model Project	Next Energy & Resources Co., Ltd.	Introduction of 0.5MW Solar Power System to Aroma and Food Ingredients Factory	Renewable Energy	382
84	2016	Thailand	JCM Model Project	TSB Co., Ltd.	Introduction of 5MW Floating Solar Power System on Industrial Water Reservoir	Renewable Energy	2,706
85	2016	Cambodia	JCM Model Project	METAWATER Co., Ltd.	Energy Saving by Inverters for Distribution Pumps in Water Treatment Plant	Energy Efficiency Improvement	407
86	2016	Chile	JCM Model Project	Waseda Environmental Institute Co., Ltd.	Introduction of 1MW Rooftop Solar Power System to University	Renewable Energy	841
87	2016	Myanmar	JCM Model Project	RYOBI HOLDINGS Co., Ltd.	Introduction of Energy Efficient Refrigeration System in Logistics Center	Energy Efficiency Improvement	125
88	2016	Thailand	JCM Model Project	Sharp Corporation	Introduction of 27MW Rooftop Solar Power System to Large Supermarkets	Renewable Energy	11,194
89	2016	Thailand	JCM Model Project	BANDO CHEMICAL INDUSTRIES, LTD.	Introduction of High-efficiency Boiler System to Rubber Belt Plant	Energy Efficiency Improvement	2,623
90	2016	Thailand	JCM Model Project	YUASA Tradng CO., Ltd.	Energy Saving by Air-Conditioning Control System in Precision Parts Factories	Energy Efficiency Improvement	1,947
91	2017	Mongolia	JCM Model Project	Sharp Corporation	Introduction of 15MW Solar Power System near New Airport	Renewable Energy	18,438
92	2017	Vietnam	JCM Model Project	Yuko Keiso Co., Ltd.	Introduction of Amorphous High Efficiency Transformers in Southern and Central Power Grids II	Energy Efficiency Improvement	1,469
93	2017	Vietnam	JCM Model Project	YUASA Tradng CO., Ltd.	Introduction of High Efficiency Centrifugal Chiller to Rubber Products Factory	Energy Efficiency Improvement	289
94	2017	Vietnam	JCM Model Project	Sapporo International Inc.	Introduction of Energy Saving Equipment to Brewery	Energy Efficiency Improvement	107
95	2017	Lao PDR	JCM Model Project	TSB Co., Ltd.	Introduction of 14MW floating solar power system in Vientiane	Renewable Energy	11,450
96	2017	Lao PDR	JCM Model Project	Yuko Keiso Co., Ltd.	Introduction of Amorphous High Efficiency Transformers in Power Grid	Energy Efficiency Improvement	2,099
97	2017	Mexico	JCM Model Project	Kyuden International Corporation	Los Altos II Wind Farm Project	Renewable Energy	66,351
98	2017	Mexico	JCM Model Project	Sharp Corporation	Introduction of 20MW Solar Power System in San Luis Potosí	Renewable Energy	12,457
99	2017	Thailand	JCM Model Project	Fuji-Foods Cooperation	Introduction of Biomass Co-Generation System to Food Factory	Renewable Energy	7,111
100	2017	Thailand	JCM Model Project	Yokohama Port Corporation	Introduction of Energy Efficient Equipment to Bangkok Port	Energy Efficiency Improvement /Renewable Energy	5,491
101	2017	Philippines	JCM Model Project	Toyota Tsusho Corporation	15MW Mini Hydro Power Plant Project in Siguil River in Mindanao	Renewable Energy	49,073
102	2017	Philippines	JCM Model Project	CHODAI CO., LTD.	4MW Mini Hydro Power Plant Project in Taguibo River in Mindanao	Renewable Energy	5,675
103	2017	Philippines	JCM Model Project	Tokyo Century Corporation	Introduction of 1.53MW Rooftop Solar Power System in Auto Parts Factories	Renewable Energy	1,124
104	2017	Philippines	JCM Model Project	Toyota Motor Corporation	Introduction of 1MW Rooftop Solar Power System in Vehicle Assembly Factory	Renewable Energy	859
105	2017	Indonesia	JCM Model Project	DENSO CORPORATION	Introduction of Gas Co-generation System and Absorption Chiller to Motor Parts Factory	Energy Efficiency Improvement /Renewable Energy	4,629
106	2017	Indonesia	JCM Model Project	Tokyo Century Corporation	Introduction of Absorption Chiller to Chemical Factory	Energy Efficiency Improvement	1,084
107	2017	Mongolia	JCM Model Project	Sharp Corporation	Introduction of 20MW Solar Power System in Darkhan City	Renewable Energy	22,927
108	2017	Indonesia	JCM Model Project	CHODAI CO., LTD.	10MW Mini Hydro Power Plant Project in Lae Ordi River in North Sumatra	Renewable Energy	35,712
109	2017	Philippines	JCM Model Project	Tokyo Century Corporation	Installation of 1.2MW Rooftop Solar Power System in Refrigerating Warehouse	Renewable Energy	838
110	2017	Cambodia	ADB	Ministry of Public Works and Transport	Battambang Wastewater Treatment Project	Energy Efficiency Improvement	6,371
111	2018	Mongolia	JCM Model Project	Sharp Energy Solutions Corporation	21MW Solar Power Project in Bayanchandmani	Renewable Energy	27,008
112	2018	Vietnam	JCM Model Project	Nihon Crant Co. Ltd.	Modal Shift from Truck to Cargo Ship with Freshness Preservation Reefer Container	Transport	11,025
113	2018	Vietnam	JCM Model Project	Yokohama Water Co., Ltd.	Energy Saving by Introduction of Inverters for Raw Water Intake Pumps	Energy Efficiency Improvement	1,043
114	2018	Indonesia	JCM Model Project	Takasago Thermal Engineering Co., Ltd.	Introduction of 2.8MW Solar Power System in Healthcare and Food Factories	Renewable Energy	2,446
115	2018	Indonesia	JCM Model Project	Otsuka Pharmaceutical Factory, Inc.	Energy Saving by Introducing High Efficiency Autoclave to Infusion Manufacturing Factory	Energy Efficiency Improvement	1,950
116	2018	Indonesia	JCM Model Project	Hokusan Co., Ltd.	Introduction of CNG-Diesel Hybrid Equipment to Public Bus in Semarang	Transport	1,870
117	2018	Indonesia	JCM Model Project	iFORCOM Co.,Ltd.	Energy Saving for Air-conditioning System of Shopping Mall by High Efficiency Centrifugal Chiller and Air-conditioning Control System	Energy Efficiency Improvement	1,501
118	2018	Palau	JCM Model Project	Sharp Energy Solutions Corporation	Introduction of 0.4MW Rooftop Solar Power System in Supermarket	Renewable Energy	296
119	2018	Cambodia	JCM Model Project	Asian Gateway Corporation	1.5MW Solar Power Project in Kampong Thom	Renewable Energy	831
120	2018	Mexico	JCM Model Project	Sharp Energy Solutions Corporation	30MW Solar Park Project in Guanajuato	Renewable Energy	36,037
121	2018	Myanmar	JCM Model Project	Global Engineering Co., Ltd.	Introduction of 8.8MW Power Generation System by Waste Heat Recovery for Cement Plant	Renewable Energy	19,241
122	2018	Thailand	JCM Model Project	The Kansai Electric Power Company, Incorporated	Introduction of Gas Co-generation System and Absorption Chiller to Fiber Factory	Energy Efficiency Improvement /Renewable Energy	17,851
123	2018	Thailand	JCM Model Project	Tokyo Century Corporation	25MW Rooftop and Floating Solar Power Project in Industrial Park	Renewable Energy	10,620
124	2018	Thailand	JCM Model Project	Toyota Motor Corporation	Introduction of 3.4 MW Rooftop Solar Power System in Technical Center and Office Buildings	Renewable Energy	1,617
125	2018	Philippines	JCM Model Project	Chodai Co., Ltd.	2.5MW Rice Husk Power Generation Project in Butuan City, Mindanao	Renewable Energy	※CO2 only 5,118
126	2018	Philippines	JCM Model Project	Sharp Energy Solutions Corporation	Introduction of 4MW Rooftop Solar Power System in Tire Factory	Renewable Energy	2,858
127	2018	Philippines	JCM Model Project	Chodai Co., Ltd.	0.16MW Micro Hydro Power System in Taguibo Water Supply Facility, Mindanao	Renewable Energy	682
							<b>Expected GHG Emission Reductions</b>
Amount							<b>848,799</b>