









Mechanism















1.Maldives / Pacific Consultants Co., Ltd. & Villa Educational Services Private Limited

2.Indonesia / JFE Engineering Corporation & PT Semen Indonesia (Persero) Tbk

3. Vietnam / Yokohama Water Co., Ltd. & Danang Water Supply One-member Limited Company

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PT. HARAPAN ANANG BAKRI & SONS, & PT. KARAWANG TATABINA INDUSTRIAL ESTATE

5. Vietnam / Yuko Keiso Co., Ltd., Nidec Vietnam Co., Nidec SERVO Co., Nidec TOSOK Co., Nidec COPAL Co., Nidec SANKYO Co., & Nidec SEIMITSU Co.

6. Thailand / Pacific Consultants Co., Ltd. & Siam Steel International Public Company Limited

7. Thailand / Toray Industries, Inc. & Luckytex(Thailand) Public Company Limited

8.Indonesia / NTT FACILITIES, INC. & PT.PAKUWON JATI Tbk

Back cover photos(clockwise from upper left)

1.Indonesia / Itochu Corporation & PT. Aeon Mall Indonesia

2.Bangladesh / EBARA REFRIGERATION EQUIPMENT & SYSTEMS CO., LTD. & CITY SUGAR INDUSTRIES Ltd.

3. Thailand / KANEMATSU CORPORATION & Better Foods Co., Ltd

4.Indonesia / Lawson, Inc. & PT. Midi Utama Indonesia Tbk

5. Vietnam / Sapporo International Inc. & Sapporo Vietnam Limited.

6.Vietnam / NTT Data Institute of Management Consulting Inc. & Peace Real Estate Investment Company Limited

If you have any inquiries about the Financing Programme for JCM Model
Projects or would like to consult with us on a specific project, please contact below:

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About the Joint Crediting Mechanism (JCM)

Many of the advanced low-carbon technologies do not generally promise investment-return to developing countries. Japan will, while lowering burdens of those countries, promote diffusion of advanced low carbon technologies particularly through implementation of the Joint Crediting Mechanism (JCM).

In order to support the implementation of candidate JCM projects, Ministry of the Environment, Japan (MOEJ) has established a financing programme which covers up to half of the initial cost of projects that reduce GHG emissions by utilizing leading low carbon technologies in developing countries.

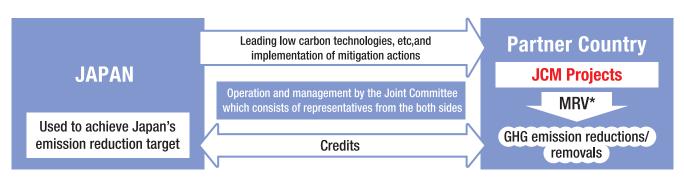
Basic concept of the JCM

- Facilitating diffusion of leading low carbon technologies, products, systems, services, and infrastructure as well as implementation of mitigation actions, and contributing to sustainable development of developing countries.
- Appropriately evaluating contributions from Japan to GHG emission reductions or removals in a quantitative manner and
 use them to achieve Japan's emission reduction target.
- Contributing to the ultimate objective of the UNFCCC by facilitating global actions for GHG emission reductions or removals.



The role of the JCM for Japan's INDC

The JCM is not included as a basis of the bottom-up calculation of Japan's emission reduction target, but the amount of emission reductions and removals acquired by Japan under the JCM will be appropriately counted as Japan's reduction. Apart from contributions achieved through private-sector based projects, accumulated emission reductions or removals by FY 2030 through governmental JCM programs to be undertaken within the government's annual budget are estimated to be ranging from 50 to 100 million t-C02.

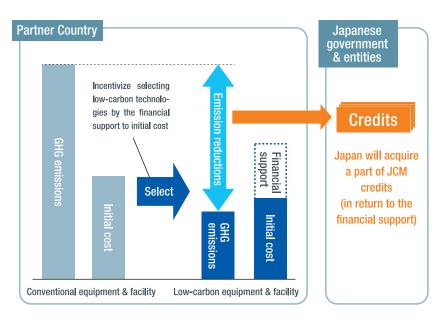


*measurement,reporting and verification



Financing Programme for JCM Model Projects by MOEJ

Ministry of the Environment, Japan (MOEJ) has been implementing the "JCM Model Projects" in order to promote diffusion of low carbon technologies, products, systems, services, and infrastructure as well as implementation of mitigation actions in developing countries.



- Participants in the model project implement a project to reduce GHG emissions utilizing leading low carbon technologies, etc. and also conduct measurement, reporting and verification (MRV) of GHG emission reductions.
- The model project will finance part of an investment cost, as premises for seeking to deliver JCM credits (at least half of issued credits) to the Government of Japan. The finance will be provided to a Japanese representative participant in an international consortium.



Overview of Financing Programme for JCM Model Project in FY2018

Budget	JPY 6.9 billion(Approx. USD 69 million)		
Executing Entity	International consortium that consists of a Japanese entity and a JCM partner-country entity(ies)		
Implementation Period	From FY2018 to FY2020(max. 3 years)		
Scope of Financing	Facilities, equipment, vehicles, etc. which reduce CO2 from fossil fuel combustion as well as construction cost for installing those facilities, etc.		
Eligible Projects	Start installation after the Contract of Finance is concluded and finish installation within three years.		
Maximum Percentage of Financial Support	Up to 50%. Also depends on the number of already selected project(s) using a similar technology in each partner country		

Project Cycle of the JCM

MRV Process

- **Submission of** proposed methodology
- proposed methodology
- **Development of** 3 **Project Design Document (PDD)**
- 4

Approval of

- **Validation of project**
- 5 **Registration of** project
- **Monitoring of** 6 **GHG** emissions
- **Verification of** emission reductions
- 8 **Issuance of credits**

- MOEJ supports project participants to develop a JCM methodology, 1st monitoring report, validation and verification by commissioning experts.
- The JCM methodologies are designed in such a way that project participants can use them easily and reduce the burden of monitoring.

Model Cases of JCM

1 Expanding Business with JCM Model Project

Introduction of Environmentally Friendly Heat Recovery Heat Pump

Using the JCM model project and its performance, a company fosters better understanding of technology and product among government officials and potential customers, such as through training and seminars, and promotes the dissemination of technology and product.







Technical needs for energy efficiency measure & CO2 emission reduction

JCM Model Projects

1st case in Thailand to install a simultaneous heat recovery heat pump with CO2 refrigerant for an industrial application



- Training in Japan
- Local seminar & business matching



Expansion of business in the country and neighboring region

Promoting Renewable Energy & Regional Development (Small hydro/Wind/Geothermal power/Biomass)

Small Hydro Power Project

A representative participant of the project with the accumulated technical capacity supports construction and operation of a small hydro power plant, which is expected to be a stable source of power for the region and provides a foundation for a regional development.



- Developer's growth strategy
- Needs for regional development by mobilizing private investment

JCM Model Projects

Not a one-off project, but a renewable energy project that serves as a foundation of the regional development



Realizing comprehensive regional development (Stable supply of electricity and water, job creation etc.)

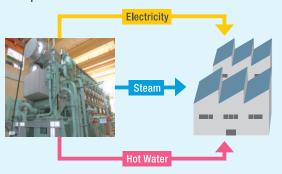
Model Projects

3 Maximizing Resource Productivity

- Co-generation as Effective Measure to Reduce CO2 in Manufacturing -

Introduction of Co-generation System to Motor Parts Factory

Cogeneration or combined heat & power (CHP) technology has high CO2 emission reductions potential and is introduced in an overseas group factory with the knowledge and in-house know-how of Japanese factories.



- Track record of operation and maintenance in Japan
- Minimum CO2 Production

JCM Model Projects

- Technology and knowledge transfer
- Introduction of energy-saving facilities for overseas plant

Expansion to other factories

4 Application of New Financing Scheme in JCM Model Project

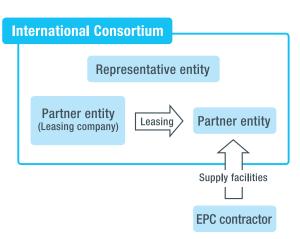
Introduction of Absorption Chiller to Chemical Factory

With a finance and service company as a representative participant, projects will get benefits of its



- Need for reduction of initial investment
- Tax benefits

JCM Model Projects









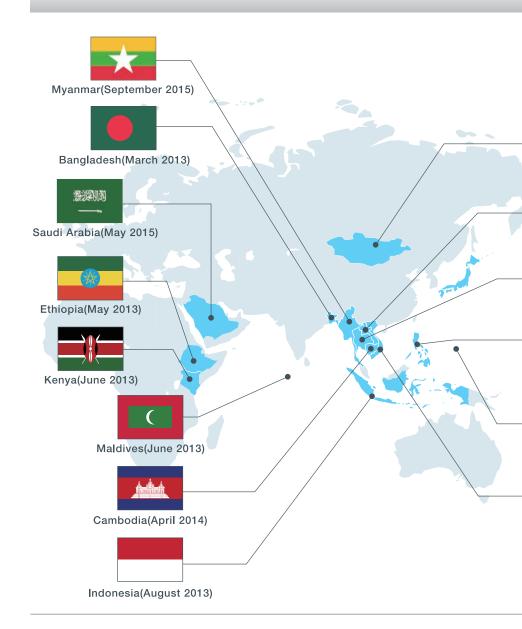








JCM Partner Countries and



1 Mongolia/SUURI-KEIKAKU Co., Ltd.

Upgrading and Installation of Centralized Control System of High-efficiency Heat Only Boiler (HOB)

2 Kenya/Pacific Consultants Co., Ltd. Introduction of Solar PV System at Salt Factory

Vietnam/Nippon Express Co., LTD.

Eco-driving by Utilizing Digital Tachograph System

4 Vietnam/Yuko Keiso Co., Ltd.

Introduction of Amorphous High Efficiency
Transformers in Southern and Central Power Grids

5 Indonesia/Toyota Tsusho Corporation

Installation of Gas Co-generation System for Automobile Manufacturing Plant

6 Cambodia/MinebeaMitsumi Inc.

Introduction of High Efficiency LED Lighting Utilizing Wireless Network

7 Thailand/FamilyMart Co., Ltd.

Energy Saving at Convenience Stores with High Efficiency Air-Conditioning and Refrigerated Showcase

8 Mongolia/Farmdo Co., Ltd.

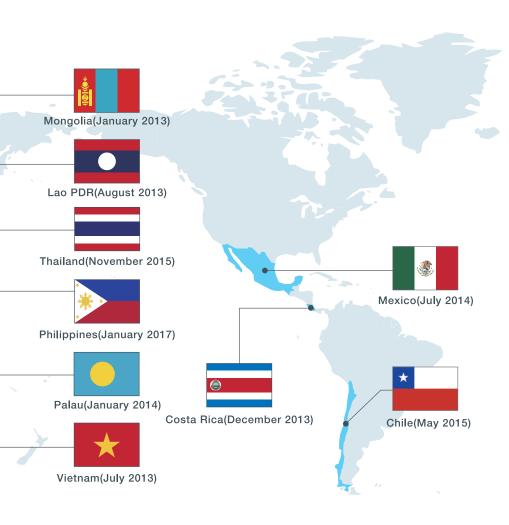
Installation of 8.3MW Solar Power Plant in Ulaanbaatar suburb Farm







JCM Model Projects by MOEJ









9 Bangladesh/EBARA REFRIGERATION EQUIPMENT & SYSTEMS CO., LTD.

Installation of High Efficiency Centrifugal Chiller for Air Conditioning System in Clothing Tag Factory

Indonesia/EMATEC:Environmental Management and Technology Center

Energy Saving in Industrial Wastewater Treatment System for Rubber Industry

11 Saudi Arabia/KANEMATSU CORPORATION
Introduction of High Efficiency Electrolyzer in

Chlorine Production Plant

12 Thailand/FAST RETAILING CO., LTD.

Introduction of LED Lighting to Sales Stores

13 Mexico/Suntory Spirits Limited

Introduction of Once-through Boiler and Fuel Switching to Tequila Plant

14 Costa Rica/NTT DATA INSTITUTE OF MANAGEMENT CONSULTING, Inc.

Introduction of the High Efficiency Chiller and the Exhaust Heat Recovery System

List of projects under the JCM Financing

Partner Country	Year	Sector	Entity	Project Title
	2014	Energy Efficiency Improvement	EBARA REFRIGERATION EQUIPMENT & SYSTEMS CO., LTD.	Energy saving for air conditioning & facility cooling by high-efficiency centrifugal chiller (Suburbs of Dhaka)
		Energy Efficiency Improvement	Toyota Tsusho Corporation	Installation of High Efficiency Loom at Weaving Factory
Bangladesh		Renewable Energy	YKK Corporation	Introduction of PV-diesel Hybrid System at Fastening Manufacturing Plant
	2015	Renewable Energy	Pacific Consultants Co., Ltd.	50MW Solar PV Power Plant Project
		Energy Efficiency Improvement	EBARA REFRIGERATION EQUIPMENT & SYSTEMS CO., LTD.	Installation of High Efficiency Centrifugal Chiller for Air Conditioning System in Clothing Tag Factory
		Energy Efficiency Improvement	MinebeaMitsumi Inc.	Introduction of High Efficiency LED Lighting Utilizing Wireless Network
	2015	Renewable Energy	Asian Gateway Corporation	Introduction of Ultra-lightweight Solar Panels for Power Generation at International School
		Energy Efficiency Improvement/ Renewable Energy	AEON MALL Co., Ltd.	Introduction of 1MW Solar Power System and High Efficiency Centrifugal Chiller in Large Shopping Mall
Cambodia	2016	Energy Efficiency Improvement	METAWATER Co., Ltd.	Energy Saving by Inverters for Distribution Pumps in Water Treatment Plant
	2017	Energy Efficiency Improvement	Ministry of Public Works and Transport	Battambang Wastewater Treatment Project
	2018	Renewable Energy	Asian Gateway Corporation	1.5MW Solar Power Project in Kampong Thom
Chile	2016	Renewable Energy	Waseda Environmental Institute Co., Ltd.	Introduction of 1MW Rooftop Solar Power System to University
		Renewable Energy	NTT DATA INSTITUTE OF MANAGEMENT CONSULTING, Inc.	5MW Solar Power Project in Belen
Costa Rica	2016	Energy Efficiency Improvement	NTT DATA INSTITUTE OF MANAGEMENT CONSULTING, Inc.	Introduction of the High Efficiency Chiller and the Exhaust Heat Recovery System
Ethiopia	2015	Energy Efficiency Improvement	Pacific Consultants Co., Ltd.	Introduction of Biomass CHP Plant in Flooring Factory
		Energy Efficiency Improvement	EBARA REFRIGERATION EQUIPMENT & SYSTEMS CO., LTD.	Energy Saving for Air-conditioning and Process Cooling at Textile Factory
	2013	Energy Efficiency Improvement	Lawson, Inc.	Installation of Inverter-type Air Conditioning System LED Lighting and Separate Type Fridge Freezer Showcase to Grocery Stores in Republic of Indonesia
		Energy Efficiency Improvement	Mayekawa Manufacturing Co., Ltd.	Energy Efficient Refrigerants to Cold Chain Industry
		Energy Efficiency Improvement	Toyota Tsusho Corporation	Energy Saving by Installation of Double Bundle-type Heat Pump
		Energy Efficiency Improvement	EBARA REFRIGERATION EQUIPMENT & SYSTEMS CO., LTD.	Energy Saving for Air-conditioning and Process Cooling at Textile Factory
	2014	Energy Efficiency Improvement	JFE Engineering Corporation	Power Generation by Waste-heat Recovery in Cement Industry
		Renewable Energy	Itochu Corporation	Installation of Solar Power System and Storage Battery to Commercial Facility
Indonesia		Energy Efficiency Improvement	Toyotsu Machinary Corporation	Energy Saving through Introduction of Regenerative Burners to the Aluminum Holding Furnace of the Automotive Components Manufacturer
Indonesia		Energy Efficiency Improvement	EBARA REFRIGERATION EQUIPMENT & SYSTEMS CO., LTD.	Energy Saving for Textile Factory Facility Cooling by High Efficiency Centrifugal Chiller
		Energy Efficiency Improvement	KANEMATSU CORPORATION	Introduction of high efficient Old Corrugated Cartons Process at Paper Factory
		Energy Efficiency Improvement	Toray Industries, Inc.	Reducing GHG emission at textile factories by upgrading to air-saving loom
		Energy Efficiency Improvement	NTT FACILITIES, INC.	Energy Saving for Air-Conditioning at Shopping Mall with High Efficiency Centrifugal Chiller
		Energy Efficiency Improvement	NTT FACILITIES, INC.	Energy Saving for Industrial Park with Smart LED Street Lighting System
		Energy Efficiency Improvement	Mitsubishi Chemical Corporation	Introduction of High Efficiency Once-through Boiler System in Film Factory
	2015	Energy Efficiency Improvement	Toyota Tsusho Corporation	Installation of Gas Co-generation System for Automobile Manufacturing Plant
		Renewable Energy	Sharp Corporation	1.6MW Solar PV Power Plant Project in Jakabaring Sport City
		Energy Efficiency Improvement	Sumitomo Rubber Industries, Ltd.	Introduction of High Efficiency Once-through Boiler in Golf Ball Factory

programme by MOEJ (as of June 25, 2018)

Partner Country	Year	Sector	Entity	Project Title
		Renewable Energy	Toyo Energy Farm Co., Ltd.	10MW Mini Hydro Power Plant Project in North Sumatra
		Energy Efficiency Improvement	FAST RETAILING CO., LTD.	Introduction of LED Lighting to Sales Stores
	2016	Energy Efficiency Improvement	Nisshinbo Textile Inc.	Introduction High Efficiency Looms in Weaving Mill
		Energy Efficiency Improvement	EMATEC:Environmental Management and Technology Center	Energy Saving in Industrial Wastewater Treatment System for Rubber Industry
		Renewable Energy	Next Energy & Resources Co., Ltd.	Introduction of 0.5MW Solar Power System to Aroma and Food Ingredients Factory
		Energy Efficiency Improvement/ Renewable Energy	DENSO CORPORATION	Introduction of Gas Co-generation System and Absorption Chiller to Motor Parts Factory
Indonesia	2017	Energy Efficiency Improvement	Tokyo Century Corporation	Introduction of Absorption Chiller to Chemical Factory
		Renewable Energy	CHODAI CO., LTD.	10MW Mini Hydro Power Plant Project in Lae Ordi River in North Sumatra
		Renewable Energy	Takasago Thermal Engineering Co., Ltd.	Introduction of 2.8MW Solar Power System in Healthcare and Food Factories
	2010	Energy Efficiency Improvement	Otsuka Pharmaceutical Factory, Inc.	Energy Saving by Introducing High Efficiency Autoclave to Infusion Manufacturing Factory
	2018	Transport	Hokusan Co., Ltd.	Introduction of CNG-Diesel Hybrid Equipment to Public Bus in Semarang
		Energy Efficiency Improvement	iFORCOM Co.,Ltd.	Energy Saving for Air-conditioning System of Shopping Mall by High Efficiency Centrifugal Chiller and Air-conditioning Control System
	2015~ 2016	REDD+	KANEMATSU CORPORATION	REDD+ project in Boalemo District
Kenya	2015	Renewable Energy	Pacific Consultants Co., Ltd.	6MW Small Hydropower Generation Project in Rupingazi
Renya	2015	Renewable Energy	Pacific Consultants Co., Ltd.	Introduction of Solar PV System at Salt Factory
	2017	Renewable Energy	TSB Co., Ltd.	Introduction of 14MW floating solar power system in Vientiane
Lao PDR	2017	Energy Efficiency Improvement	Yuko Keiso Co., Ltd.	Introduction of Amorphous High Efficiency Transformers in Power Grid
	2015~ 2017	REDD+	Waseda University	REDD+ project in Luang Prabang Province through controlling slush-and-burn
Maldives	2014	Renewable Energy	Pacific Consultants Co., Ltd.	School Building Rooftop Solar Power Plant Project
		Renewable Energy	Addu Atoll Electric Power Corporation	Smart Micro Grid System at Addu Atoll
	2016	Waste Management/ Biomass Utilisation	NTT DATA INSTITUTE OF MANAGEMENT CONSULTING, Inc.	Introduction of 4.8MW Power Generation with Methane Gas Recovery System
		Energy Efficiency Improvement	Suntory Spirits Limited	Introduction of Once-through Boiler and Fuel Switching to Tequila Plant
Mexico	2017	Renewable Energy	Kyuden International Corporation	Los Altos II Wind Farm Project
	2017	Renewable Energy	Sharp Corporation	Introduction of 20MW Solar Power System in San Luis Potosí
	2018	Renewable Energy	Sharp Energy Solutions Corporation	30MW Solar Park Project in Guanajuato
	2013	Energy Efficiency Improvement	SUURI-KEIKAKU Co., Ltd.	Upgrading and Installation of Centralized Control System of High-efficiency Heat Only Boiler (HOB)
	2015	Renewable Energy	Sharp Corporation	10MW Solar Power Project in Darkhan City
		Renewable Energy	Farmdo Co., Ltd.	Installation of 2.1MW Solar Power Plant for Power Supply in Ulaanbaatar Suburb
Mongolia	2016	Renewable Energy	Farmdo Co., Ltd.	Installation of 8.3MW Solar Power Plant in Ulaanbaatar suburb Farm
	2017	Renewable Energy	Sharp Corporation	Introduction of 15MW Solar Power System near New Airport
		Renewable Energy	Sharp Corporation	Introduction of 20MW Solar Power System in Darkhan City
	2018	Renewable Energy	Sharp Energy Solutions Corporation	21MW Solar Power Project in Bayanchandmani

List of projects under the JCM Financing

Partner Country	Year	Sector	Entity	Project Title
	2015	Waste Management/ Biomass Utilisation	JFE Engineering Corporation	Introduction of Waste to Energy Plant in Yangon City
		Energy Efficiency Improvement	Kirin Holdings Company, Limited	Introduction of Energy Saving Brewing Systems to Beer Factory
		Energy Efficiency Improvement	Acecook Co., Ltd.	Introduction of High-efficiency Once-through Boiler in Instant Noodle Factory
Myanmar	2016	Renewable Energy	Fujita Corporation	Rice Husk Power Generation in Rice Mill Factory in Ayeyarwady
		Energy Efficiency Improvement	RYOBI HOLDINGS Co., Ltd.	Introduction of Energy Efficient Refrigeration System in Logistics Center
	2018	Renewable Energy	Global Engineering Co., Ltd.	Introduction of 8.8MW Power Generation System by Waste Heat Recovery for Cement Plant
	2013	Renewable Energy	Pacific Consultants Co., Ltd.	Small-Scale Solar Power Plant for Commercial Facilities in Island States
		Renewable Energy	Pacific Consultants Co., Ltd.	Small-Scale Solar Power Plants for Commercial Facilities Project II
Palau	2014	Renewable Energy	Pacific Consultants Co., Ltd.	Solar PV System for Schools Project
	2018	Renewable Energy	Sharp Energy Solutions Corporation	Introduction of 0.4MW Rooftop Solar Power System in Supermarket
		Renewable Energy	Toyota Tsusho Corporation	15MW Mini Hydro Power Plant Project in Siguil River in Mindanao
		Renewable Energy	CHODAI CO., LTD.	4MW Mini Hydro Power Plant Project in Taguibo River in Mindanao
	2017	Renewable Energy	Tokyo Century Corporation	Introduction of 1.53MW Rooftop Solar Power System in Auto Parts Factories
		Renewable Energy	Toyota Motor Corporation	Introduction of 1MW Rooftop Solar Power System in Vehicle Assembly Factory
Philippines		Renewable Energy	Tokyo Century Corporation	Installation of 1.2MW Rooftop Solar Power System in Refrigerating Warehouse
		Renewable Energy	Chodai Co., Ltd.	2.5MW Rice Husk Power Generation Project in Butuan City, Mindanao
	2018	Renewable Energy	Sharp Energy Solutions Corporation	Introduction of 4MW Rooftop Solar Power System in Tire Factory
		Renewable Energy	Chodai Co., Ltd.	0.16MW Micro Hydro Power System in Taguibo Water Supply Facility, Mindanao
Saudi Arabia	2015	Energy Efficiency Improvement	KANEMATSU CORPORATON	Introduction of High Efficiency Electrolyzer in Chlorine Production Plant
	2015	Energy Efficiency Improvement	FamilyMart Co., Ltd.	Energy Saving at Convenience Stores with High Efficiency Air-Conditioning and Refrigerated Showcase
		Renewable Energy	Pacific Consultants Co., Ltd.	Introduction of Solar PV System on Factory Rooftop
		Energy Efficiency Improvement	Toray Industries, Inc.	Reducing GHG Emission at Textile Factory by Upgrading to Airsaving Loom (Samutprakarn)
		Energy Efficiency Improvement	Sony Semiconductor Manufacturing Corporation	Energy Saving for Semiconductor Factory with High Efficiency Centrifugal Chiller and Compressor
		Energy Efficiency Improvement/ Renewable Energy	NIPPON STEEL & SUMIKIN ENGINEERING CO., LTD.	Installation of Co-Generation Plant for On-Site Energy Supply in Motorcycle Factory
		Energy Efficiency Improvement	Sony Semiconductor Manufacturing Corporation	Energy Saving for Semiconductor Factory with High Efficiency Centrifugal Chiller and Compressor
Thailand		Energy Efficiency Improvement	Inabata & Co., Ltd.	Energy Saving for Air-Conditioning in Tire Manufacturing Factory with High Efficiency Centrifugal Chiller
		Energy Efficiency Improvement	Asahi Glass Co., Ltd.	Introduction of High Efficiency Ion Exchange Membrane Electrolyzer in Caustic Soda Production Plant
		Energy Efficiency Improvement	FAST RETAILING CO., LTD.	Introduction of LED Lighting to Sales Stores
	00.10	Energy Efficiency Improvement	TEPIA Corporation Japan Co., Ltd.	Introduction of High Efficiency Chilled Water Supply System in Milk Factory
	2016	Renewable Energy	NTT DATA INSTITUTE OF MANAGEMENT CONSULTING, Inc.	Introduction of 12MW Power Generation System by Waste Heat Recovery for Cement Plant
		Energy Efficiency Improvement	DENSO CORPORATION	Introduction of Co-generation System to Motor Parts Factory
		Energy Efficiency Improvement	KYOWA HAKKO BIO CO., LTD.	Introduction of Energy Saving Refrigerator and Evaporator with Mechanical Vapor Recompression in Amino Acid Producing Plant

programme by MOEJ (as of June 25, 2018)

Partner Country	Year	Sector	Entity	Project Title
		Renewable Energy	Sharp Corporation	Introduction of 3.4MW Rooftop Solar Power System to Air-conditioning Parts Factories
		Renewable Energy	Finetech Co., Ltd.	Introduction of 1.5MW Rooftop Solar Power System and Advanced EMS for Power Supply in Paint Factory
		Energy Efficiency Improvement	KANEMATSU CORPORATION	Introduction of Energy Efficient Refrigeration System in Industrial Cold Storage
	2016	Energy Efficiency Improvement	CPF JAPAN CO., LTD.	Introduction of Heat Recovery Heat Pumps to Food Processing Factory
	2010	Renewable Energy	TSB Co., Ltd.	Introduction of 5MW Floating Solar Power System on Industrial Water Reservoir
		Renewable Energy	Sharp Corporation	Introduction of 27MW Rooftop Solar Power System to Large Supermarkets
Thailand		Energy Efficiency Improvement	BANDO CHEMICAL INDUSTRIES, LTD.	Introduction of High-efficiency Boiler System to Rubber Belt Plant
		Energy Efficiency Improvement	YUASA Tradng CO., Ltd.	Energy Saving by Air-Conditioning Control System in Precision Parts Factories
	0017	Renewable Energy	Fuji-Foods Cooporation	Introduction of Biomass Co-Generation System to Food Factory
	2017	Energy Efficiency Improvement/ Renewable Energy	Yokohama Port Corporation	Introduction of Energy Efficient Equipment to Bangkok Port
		Energy Efficiency Improvement/ Renewable Energy	The Kansai Electric Power Company, Incorporated	Introduction of Gas Co-generation System and Absorption Chiller to Fiber Factory
	2018	Renewable Energy	Tokyo Century Corporation	25MW Rooftop and Floating Solar Power Project in Industrial Park
		Renewable Energy	Toyota Motor Corporation	Introduction of 3.4 MW Rooftop Solar Power System in Technical Center and Office Buildings
	2014	Transport	Nippon Express Co., LTD.	Eco-driving by Utilizing Digital Tachograph System
	2014	Energy Efficiency Improvement	Yuko Keiso Co., Ltd.	Introduction of Amorphous high efficiency transformers in power distribution systems
	2015	Energy Efficiency Improvement	NTT DATA INSTITUTE OF MANAGEMENT CONSULTING, Inc.	Introduction of High Efficiency Air-conditioning in Hotel
		Energy Efficiency Improvement	Ricoh Company, Ltd.	Energy Saving in Lens Factory with Energy Efficient Air-Conditioners
		Energy Efficiency Improvement	Hitachi Chemical Company, Ltd.	Energy Saving in Acid Lead Battery Factory with Container Formation Facility
		Energy Efficiency Improvement	Yuko Keiso Co., Ltd.	Energy Saving in Factories with Air-Conditioning Control System
		Energy Efficiency Improvement	Yuko Keiso Co., Ltd.	Introduction of Amorphous High Efficiency Transformers in Southern and Central Power Grids
		Energy Efficiency Improvement	TOTO LTD.	Installation of High Efficiency Kiln in Sanitary Ware Manufacturing Factory
Vietnam		Renewable Energy	AEON RETAIL Co., Ltd.	Introduction of Solar PV System at Shopping Mall in Ho Chi Minh City
Vietnam	2016	Energy Efficiency Improvement	Yokohama Water Co., Ltd.	Introduction of High Efficiency Water Pumps in Da Nang City
		Energy Efficiency Improvement	HOYA CORPORATION	Installation of Energy Saving Equipment in Lens Factory
		Energy Efficiency Improvement	Yuko Keiso Co., Ltd.	Introduction of Amorphous High Efficiency Transformers in Northern, Central and Southern Power Grids
		Energy Efficiency Improvement	YAZAKI PARTS CO., LTD.	Introduction of Energy Saving Equipment to Automotive Wire Production Factory
	2017	Energy Efficiency Improvement	Yuko Keiso Co., Ltd.	Introduction of Amorphous High Efficiency Transformers in Southern and Central Power Grids II
		Energy Efficiency Improvement	YUASA Tradng CO., Ltd.	Introduction of High Efficiency Centrifugal Chiller to Rubber Products Factory
		Energy Efficiency Improvement	Sapporo International Inc.	Introduction of Energy Saving Equipment to Brewery
		Transport	Nihon Crant Co. Ltd.	Modal Shift from Truck to Cargo Ship with Freshness Preservation Reefer Container
	2018	Energy Efficiency Improvement	Yokohama Water Co., Ltd.	Energy Saving by Introduction of Inverters for Raw Water Intake Pumps





JCM

THE JOINT CREDITING MECHANISM









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