

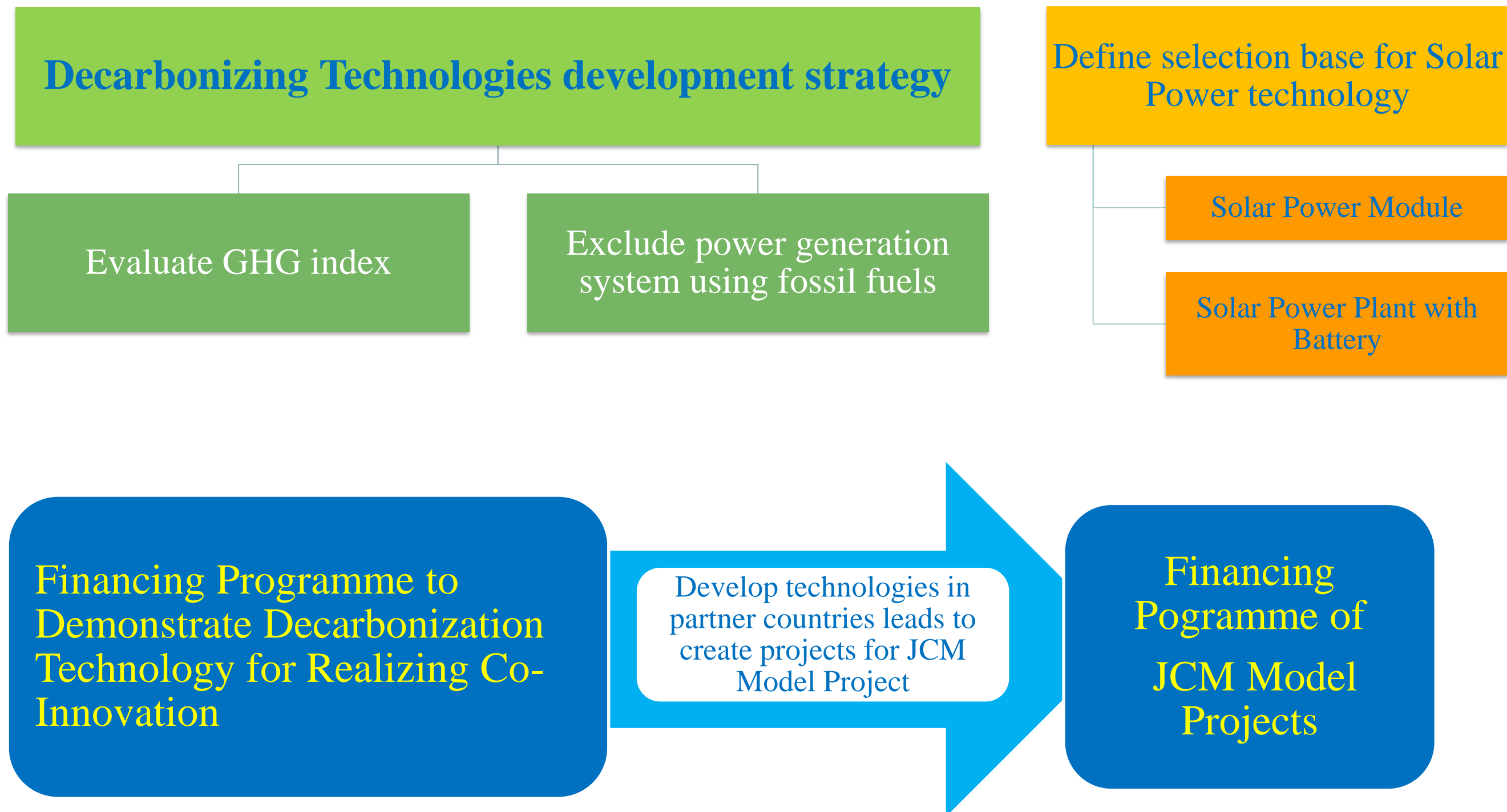
*Essential Tips for Submitting Proposal for
JCM Model Projects
in 2021*

April 7th 2021

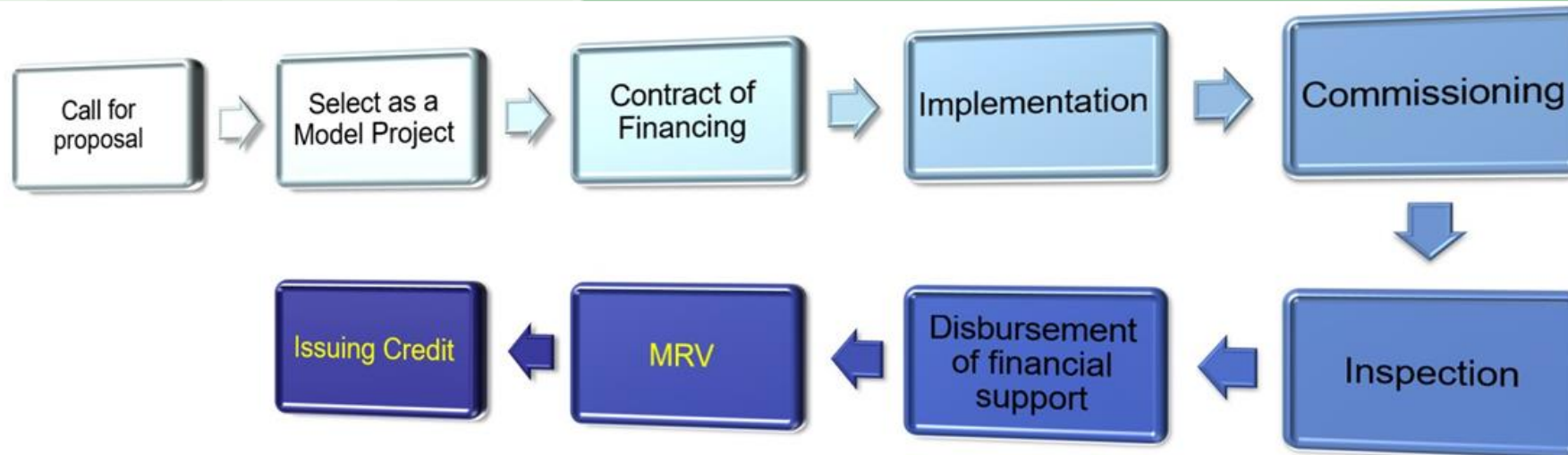
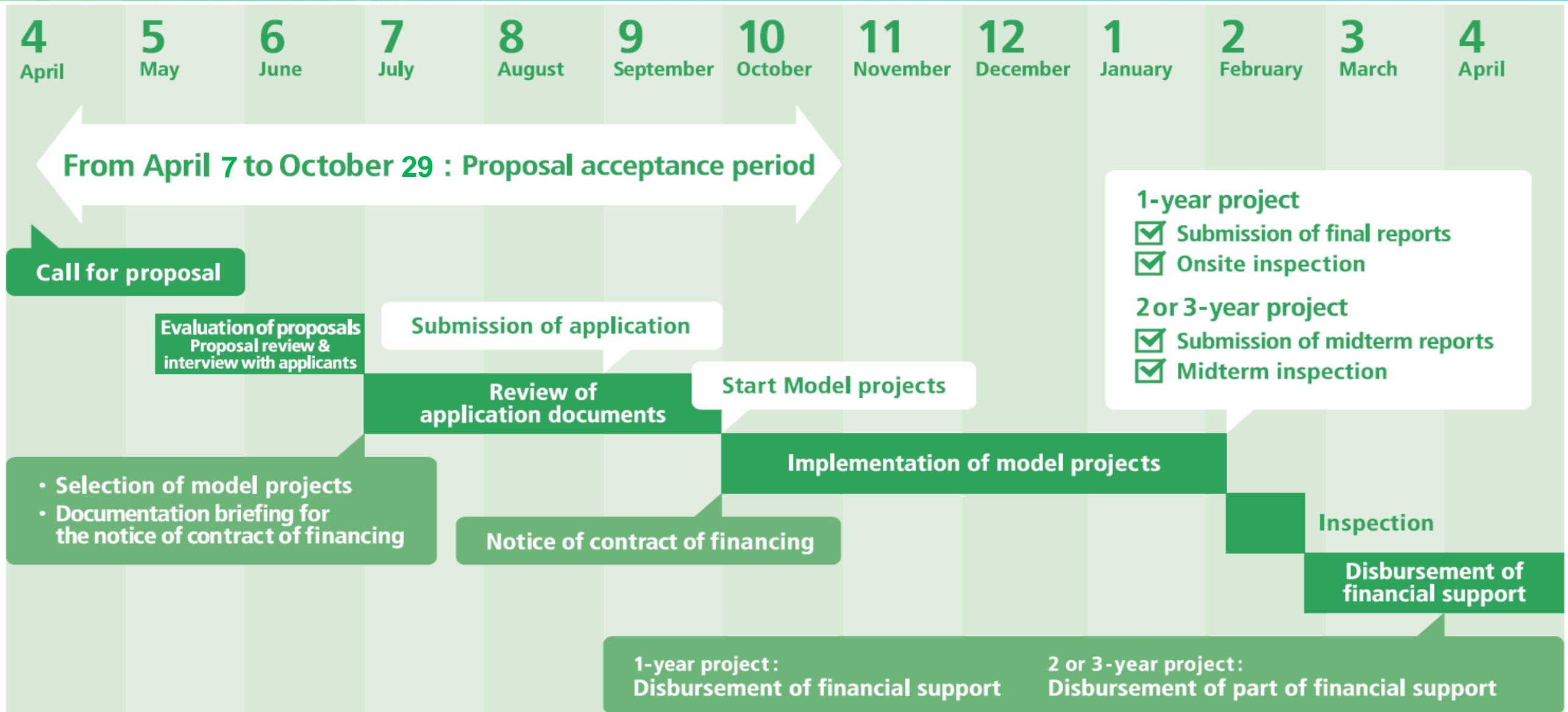
Global Environment Centre Foundation (GEC)



Budget	Approx. USD83million in total for both Financing Program of JCM Model Project and Financing Program to Demonstrate Decarbonization Technology for Realizing Co-Innovation
Executing Entity	International Consortium that consists of a Japanese entity and a JCM partner-country entity(ies)
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 3 years.
Maximum percentage of Financial Support	Maximum of 50% and reduce the percentage according to the number of already selected project(s) using a similar technology in each partner country. ※ Number of already selected project(s) using a similar technology in each partner country : none (0) = up to 50%, up to 3 (1-3) = up to 40%, more than 3 (>3) = up to 30%. The percentage of financial support will be determined by GEC.
Cost-effectiveness	Cost-effectiveness of GHG emission reductions is expected to be JPY4,000/tCO2eq or better. ※ If the number of similar technological projects in a partner country is 5 or more, the cost-effectiveness is expected be JPY3,000 or lower. If it is 10 or more, JPY2,500 or lower.



JCM Model Projects Schedule in FY2021



Guideline

for Submitting
JCM model project proposal in FY2021

What is the criteria of cost-effectiveness?

JPY4,000/tCO₂equivalent

$$= \frac{\text{Amount of financial support[JPY]}}{\text{Emission reductions of GHG [tCO}_2\text{equivalent/y]} \times \text{legal durable years[y]}}$$

※ Legal durable years of the facilities is stipulated by the Japanese law, and are dependent on the industry classification.

JPY3,000/tCO₂equivalent

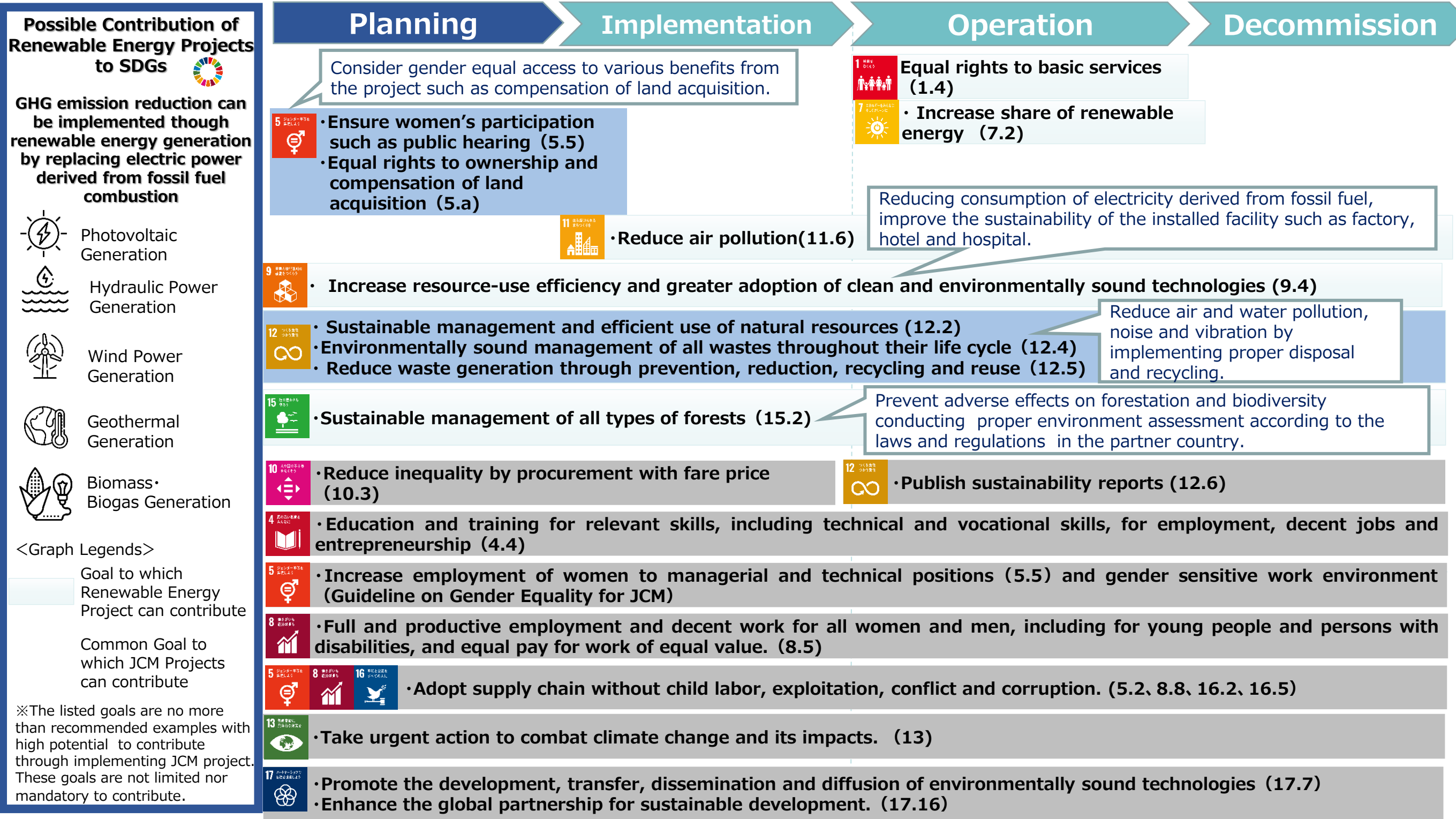
In case the number of similar technological Projects in each country is 5 to 9.

JPY2,500/tCO₂equivalent

In case the number of similar technological Projects in each country is 10 or more.

Solar power projects in **Thailand**

Solar power projects in Palau, Philippine and hydropower projects in Indonesia

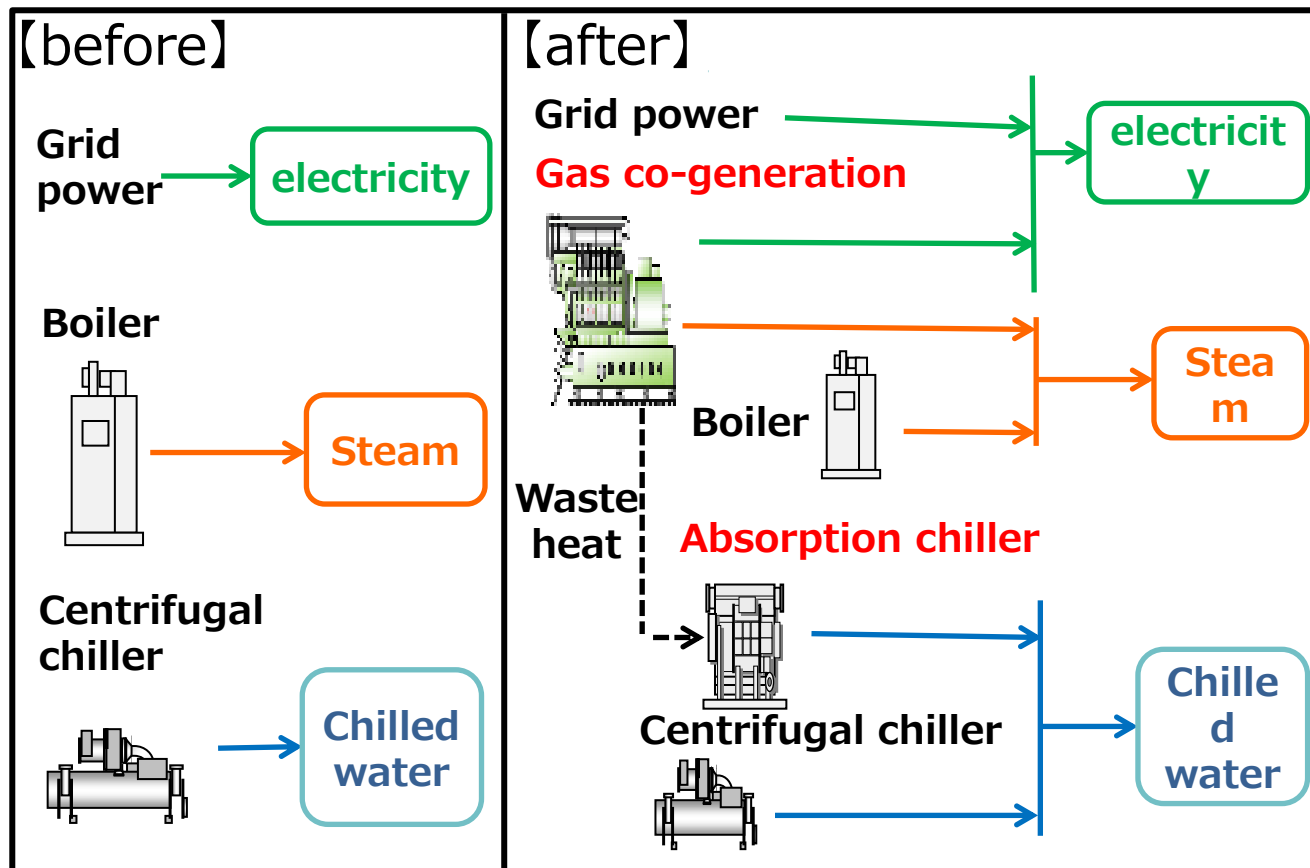


JCM Model Project support Biomass, WtoE power generation system.
Those using fossil fuels are not eligible, except for utilizing heat from generating power

JCM Model Project (FY2018) : Thailand

Introduction of Gas Co-generation System and Absorption Chiller to Fiber Factory

PP (Japan): Kansai Electric Power Co., Inc., PP (Thailand): Kansai Energy Solutions (Thailand) Co., Ltd



JCM Model Project (FY2018) : Thailand

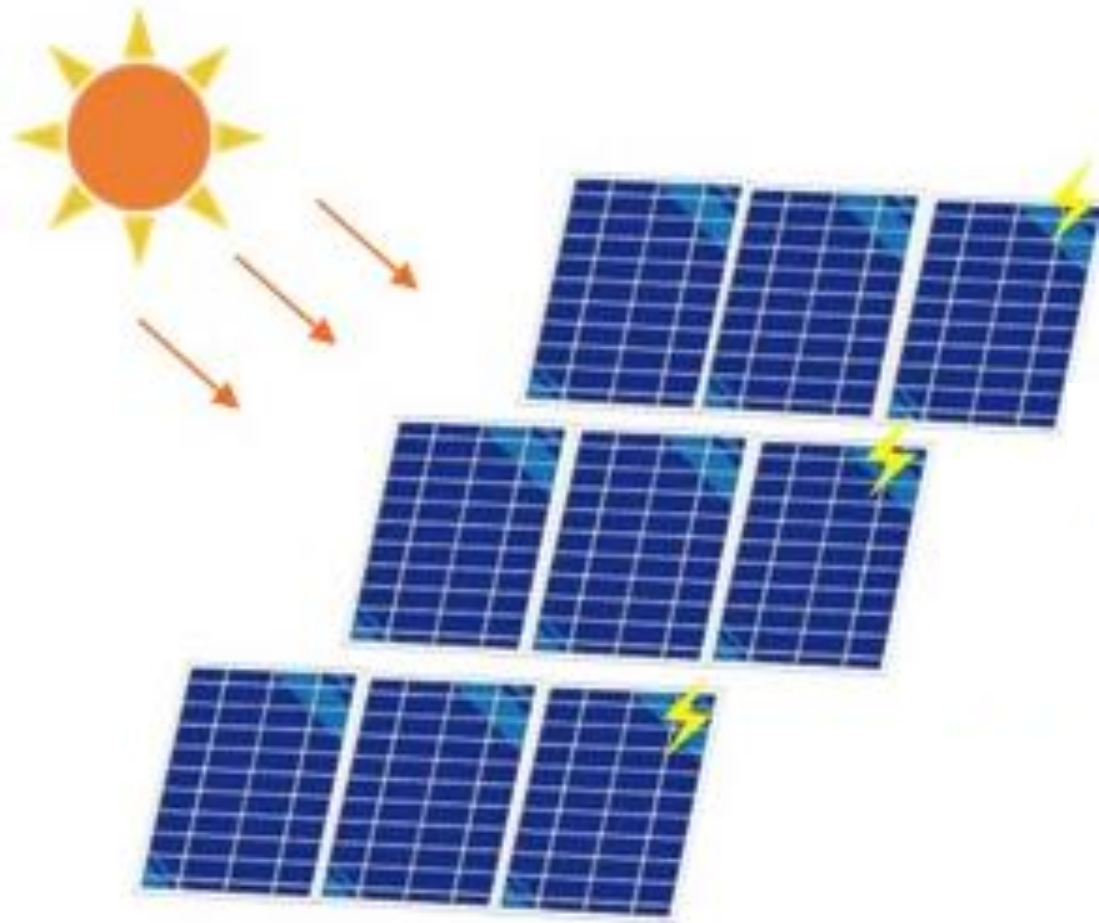
Introduction of Biomass Boiler to Cooking Oil Factory

PP (Japan): Tepia Corporation Japan Co., Ltd. PP (Thailand): Thanakorn Vegetable Oil Products Co., Ltd.

Multi Fuel Biomass Boiler
(Water Tube-Fire Tube Combination Boiler with Step Grate)

Steam (35 t/h)

Biomass Fuel: PKS



Photovoltaic module:
Conversion rate of 20% or higher, from optical to electric energy

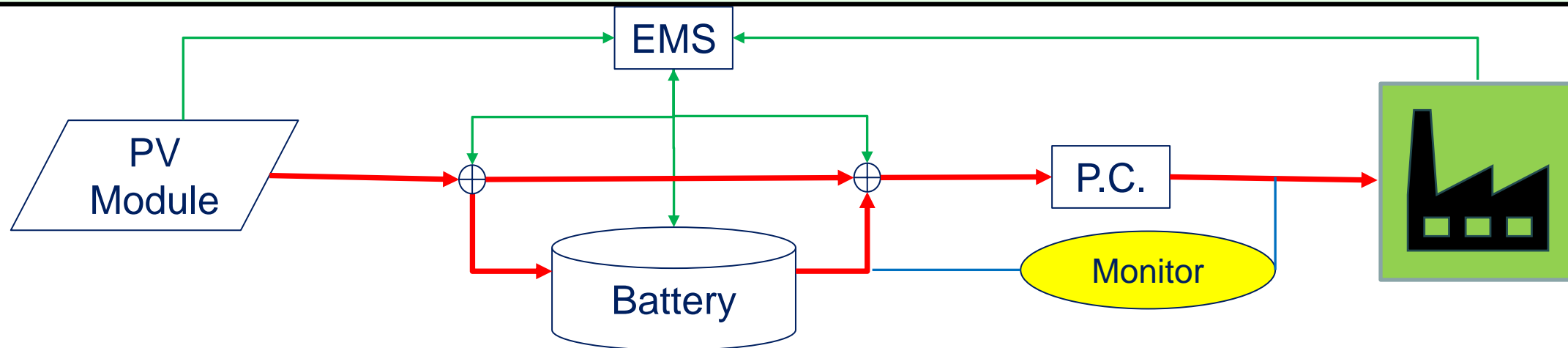
Technology	Mongolia	Bangladesh	Ethiopia	Kenya	Maldives	Viet Nam	Lao PDR	Indonesia	Costa Rica	Palau	Cambodia	Mexico	Saudi Arabia	Chile	Myanmar	Thailand	Philippines	Total
	MN	BD	ET	KE	MV	VN	LA	ID	CR	PW	KH	MX	SA	CL	MM	TH	PH	
Solar Power Plant	4	1	1	2	1	4	3	3	1	5	4	3	1	4	1	15	6	59

Photovoltaic(PV) module:

Conversion rate of 20% or higher, from optical to electric energy

Battery

- (1) Charges only the power generated by PV modules introduced, and the power supplied from the battery is measured.
- (2) Necessity
 - 1) Introduction to off-the-grid areas
 - 2) Installation of batteries is required to connect grid by laws or regulations
 - 3) For self-consumption in factories or local power supply business
 - (a) The battery should be charged and discharged every day
 - (b) The battery capacity is 20% or larger than wattage of PV module installed, and within maximum daily base chargeable amount



Technology	Mongolia	Bangladesh	Ethiopia	Kenya	Maldives	Viet Nam	Lao PDR	Indonesia	Costa Rica	Palau	Cambodia	Mexico	Saudi Arabia	Chile	Myanmar	Thailand	Philippines	Total
	MN	BD	ET	KE	MV	VN	LA	ID	CR	PW	KH	MX	SA	CL	MM	TH	PH	
Solar Power Plant with Battery								1										1

Selection of Projects in FY2020

Partner Country	Entity	Project Title	Sector	Expected GHG Emission Reductions (tCO ₂ /y)
Vietnam	Kanematsu KGK Corp.	57MW Solar Power Project in An Giang Province	Renewable Energy	28,208
Vietnam	DAIICHI JITSUGYO CO., LTD.	Introduction of Biomass Co-generation system to Food Factory	Renewable Energy	24,115
Vietnam	Marubeni Corporation	Introduction of Biomass Boiler to Soluble Coffee Manufacturing Plant	Renewable Energy	19,498
Vietnam	Acecook Co., Ltd.	Introduction of High Efficiency Boiler System to Food Factory	Energy Efficiency Improvement	7,631
Vietnam	Hitachi-Johnson Controls Air Conditioning, Inc	Introduction of High Efficiency Air-conditioning System to Hotel in Ho Chi Minh City	Energy Efficiency Improvement	184
Lao PDR	Kayama Kogyo Co., Ltd.	14MW Solar Power Project in Vientiane Province and Borikhamxay Province	Renewable Energy	8,104
Indonesia	NiX Co., Ltd.	6MW Mini Hydro Power Plant Project in West Pasaman, West Sumatra	Renewable Energy	18,319
Thailand	The Kansai Electric Power Company, Incorporated	Introduction of 8.1MW Rooftop Solar Power System in Motorcycle Factory and Fiber Factory	Renewable Energy	3,797
Thailand	The Kansai Electric Power Company, Incorporated	Introduction of Energy Saving Centrifugal Chillers to Machinery Factory	Energy Efficiency Improvement	225
Philippines	Mitsubishi Heavy Industries, Ltd.	29MW Binary Power Generation Project at Palayan Geothermal Power Plant	Renewable Energy	72,200
Saudi Arabia	Marubeni Corporation	400MW Solar Power Project in Rabigh Region	Renewable Energy	477,129
Chile	FARMLAND Co., Ltd.	3MW Solar Power Project Utilizing Farmland in Valparaiso Region	Renewable Energy	2,397
Myanmar	Tokyo Century Corporation	7.3MW Solar Power Project in Mandalay International Airport and Yangon City	Renewable Energy	3,276
Thailand	Sumitomo Mitsui Finance and Leasing Company, Limited	Introduction of 5MW Rooftop Solar Power System to Aluminum Building Materials Factory	Renewable Energy	2,200
Thailand	The Kansai Electric Power Company, Incorporated	Introduction of 2.6MW Rooftop Solar Power System to Semiconductor Factory	Renewable Energy	1,188
Thailand	Inabata Co., Ltd.	2.5MW Solar Power Project with Blockchain Technology in Chiang Mai University Town Community	Renewable Energy	1,041
Philippines	Tokyo Century Corporation	Introduction of 2MW Solar Power System to Shopping Mall (JCM Eco Lease Scheme)	Renewable Energy	1,476
Indonesia	Voith Fuji Hydro K.K.	5MW Hydro Power Project in Bengkulu Province	Renewable Energy	15,299
Myanmar	Yuko Keiso Co., Ltd.	Introduction of Energy Saving Equipment to Complex Buildings of Smart Urban Development Project in Yangon	Energy Efficiency Improvement	1,544
Vietnam	Idemitsu Kosan Co., Ltd.	Introduction of 2MW Solar Power System for Pellet Factory	Renewable Energy	1,024
Indonesia	Alamport Inc.	4.2MW Rooftop Solar Power Project to Pharmaceutical Factories, Vehicles Dealers, and Timber Factories	Renewable Energy	3,961
Thailand	SHIZUOKA GAS CO., LTD.	Introduction of 2MW Rooftop Solar Power System to University	Renewable Energy	868
Indonesia	AURA-Green Energy Co., Ltd.	8MW Mini Hydro Power Plant Project in Maluku Province	Renewable Energy	18,034
Chile	Sharp Energy Solutions Corporation	34MW Solar Power Project in Nuble Region	Renewable Energy	25,576
Thailand	Shizen Energy Inc.	30MW Floating Solar Power Project in Industrial Park	Renewable Energy	13,739

JCM ECO Lease Scheme

In the fiscal year 2020, "JCM Eco Lease Scheme" is newly introduced to JCM Model Project to cover leasing charges and interests. This scheme has an advantage in reducing the reporting burden of representative participants with shorter monitoring period and simple proposal document.

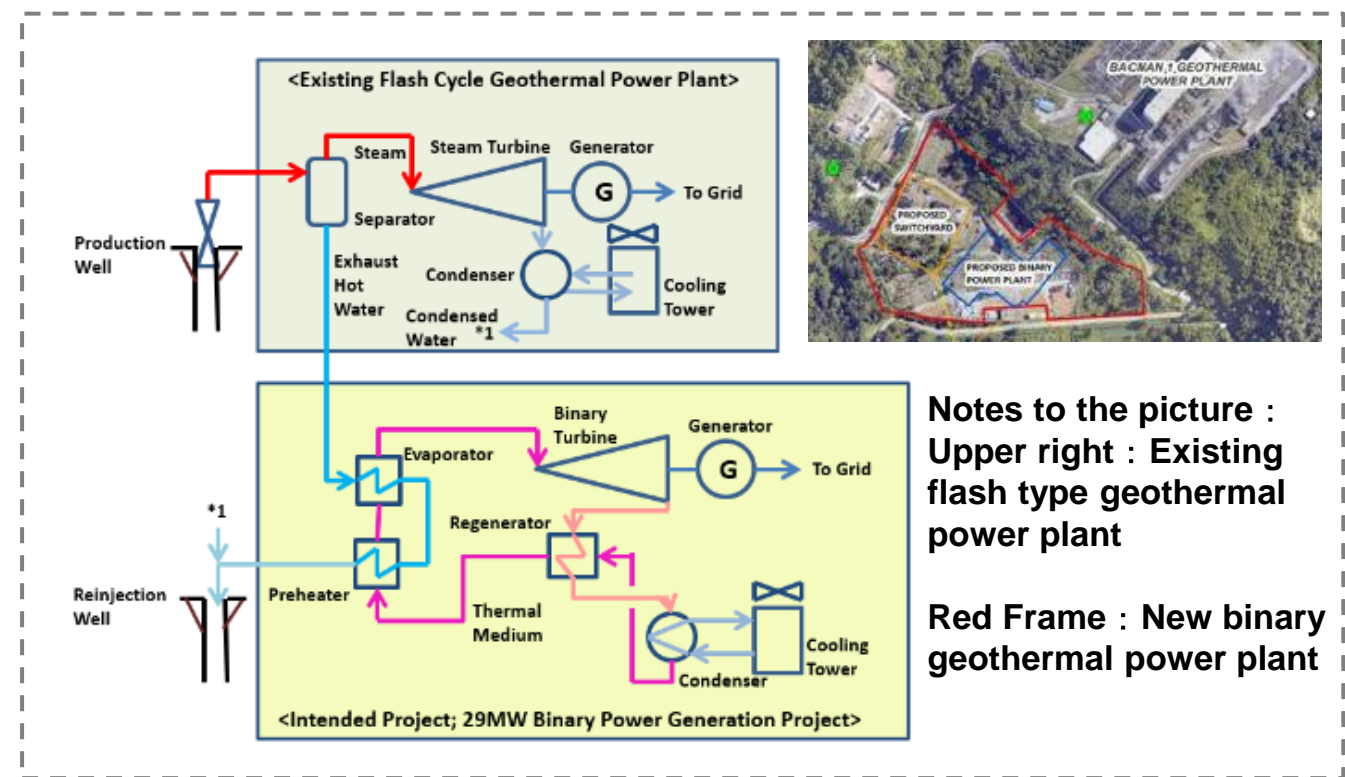
Representative Participant	Japanese leasing company
Amount of Financial Support	Up to JPY500 million for 3 years in principal
Percentage of Financial Support	Uniformly 10% of total leasing charges including leasing interests
Period of MRV	Equal to leasing period
Leasing Period	At least 5 years
Costs Eligible for Financing	Leasing charges of the costs of facilities/equipment and relevant lease interests
Eligible Type of Technologies	In principle, technologies with JCM methodology (ies) that have been either approved or proposed
Financial Statement for Application	Only financial statements of Representative Participant need to be submitted.

29MW Binary Power Generation Project at Palayan Geothermal Power Plant

PP (Japan): Mitsubishi Heavy Industries, Ltd. PP (Philippines): Bac Man Geothermal Inc.

Outline of GHG Mitigation Activity

This project introduces a new 29 MW binary geothermal power plant with the Organic Rankine Cycle (ORC) system to the existing 120MW flash type geothermal power plant owned and operated by Bac-Man Geothermal Inc. The power plant is located at Palayan area of southern part of the Luzon island. This binary geothermal power plant effectively utilizes exhaust hot water of low enthalpy from the existing flash geothermal power plant without producing hazardous gasses. This project replaces the grid power produced by fossil fuel with renewable energy and reduces greenhouse gas (GHG) emissions.



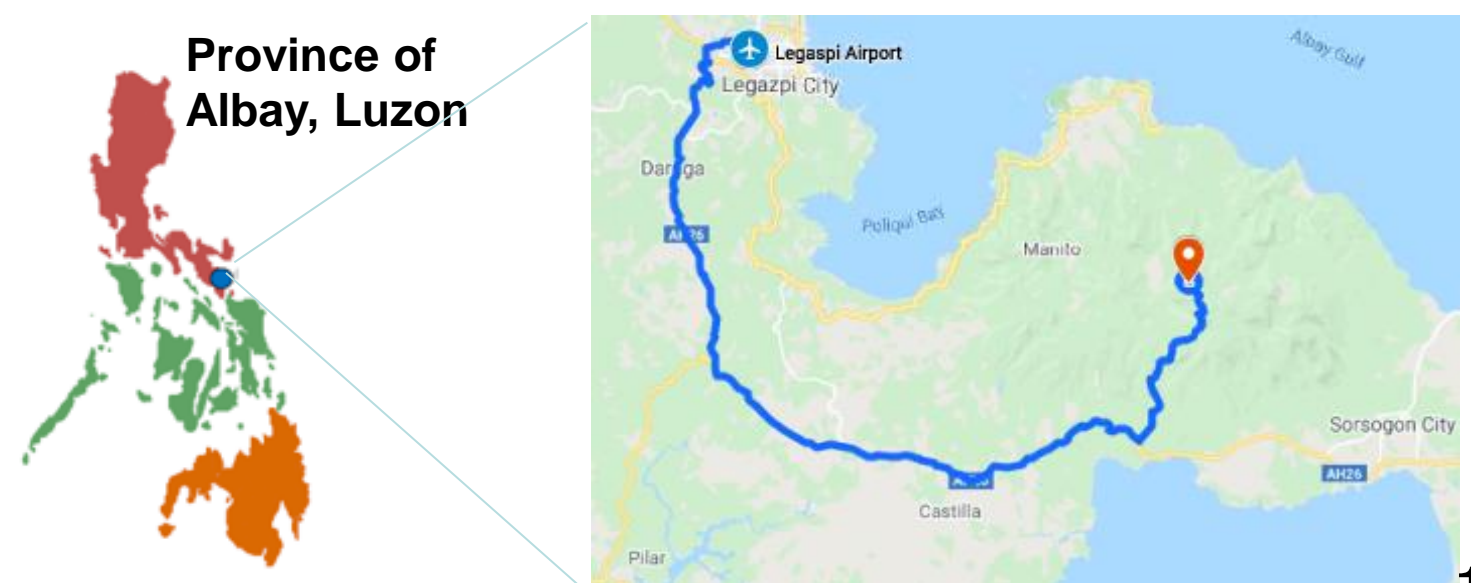
Expected GHG Emission Reductions

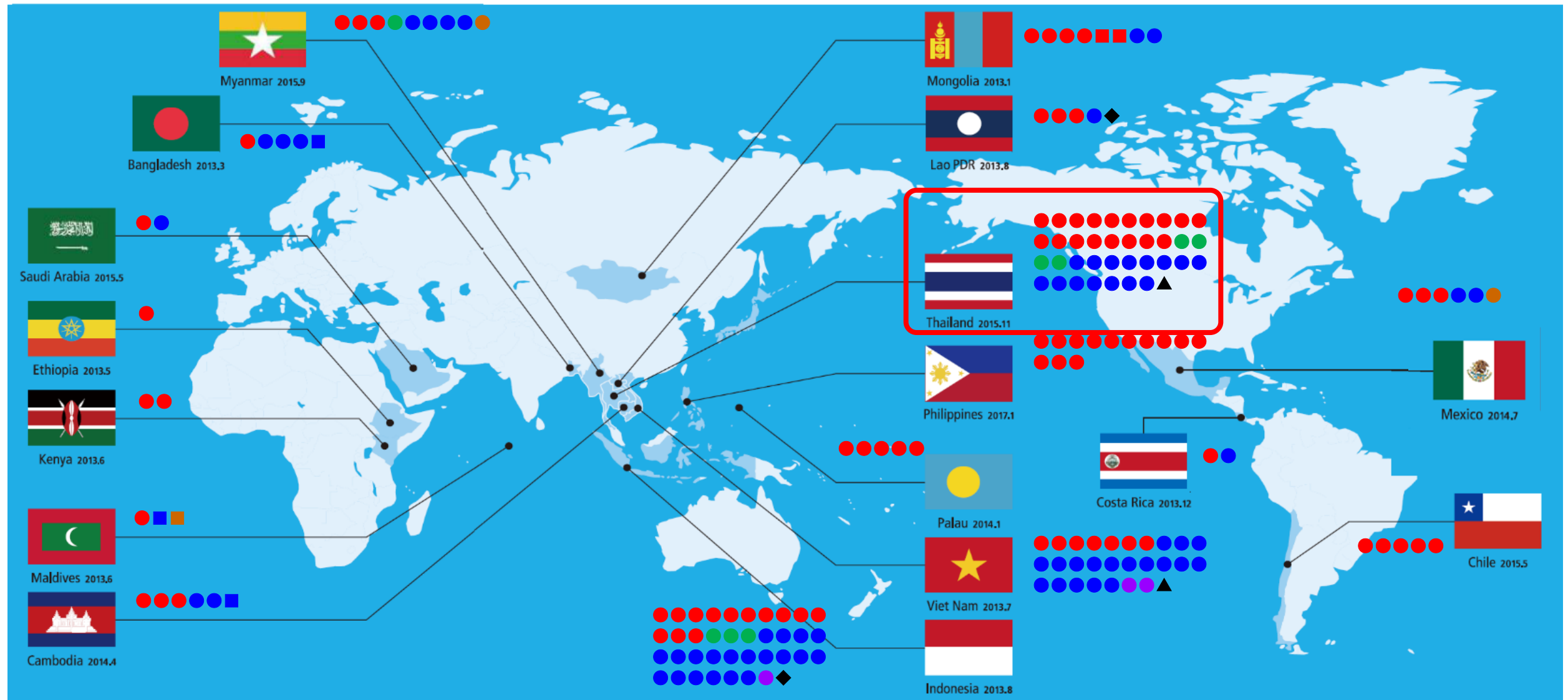
72,200 tCO₂/Year

$$= (\text{Reference CO}_2 \text{ emissions}) - (\text{Project CO}_2 \text{ emissions})$$

- Reference CO₂ emissions = (Quantity of the electricity generated by the project) [MWh/year] × Emission factor [tCO₂/MWh]
- Project CO₂ emissions = 0 [tCO₂/year]

Sites of Project





Total 176 projects / 17 countries
 (● Model Project:164, ■ ADB:6, ◆ REDD+:2, ▲ F-gas:2)

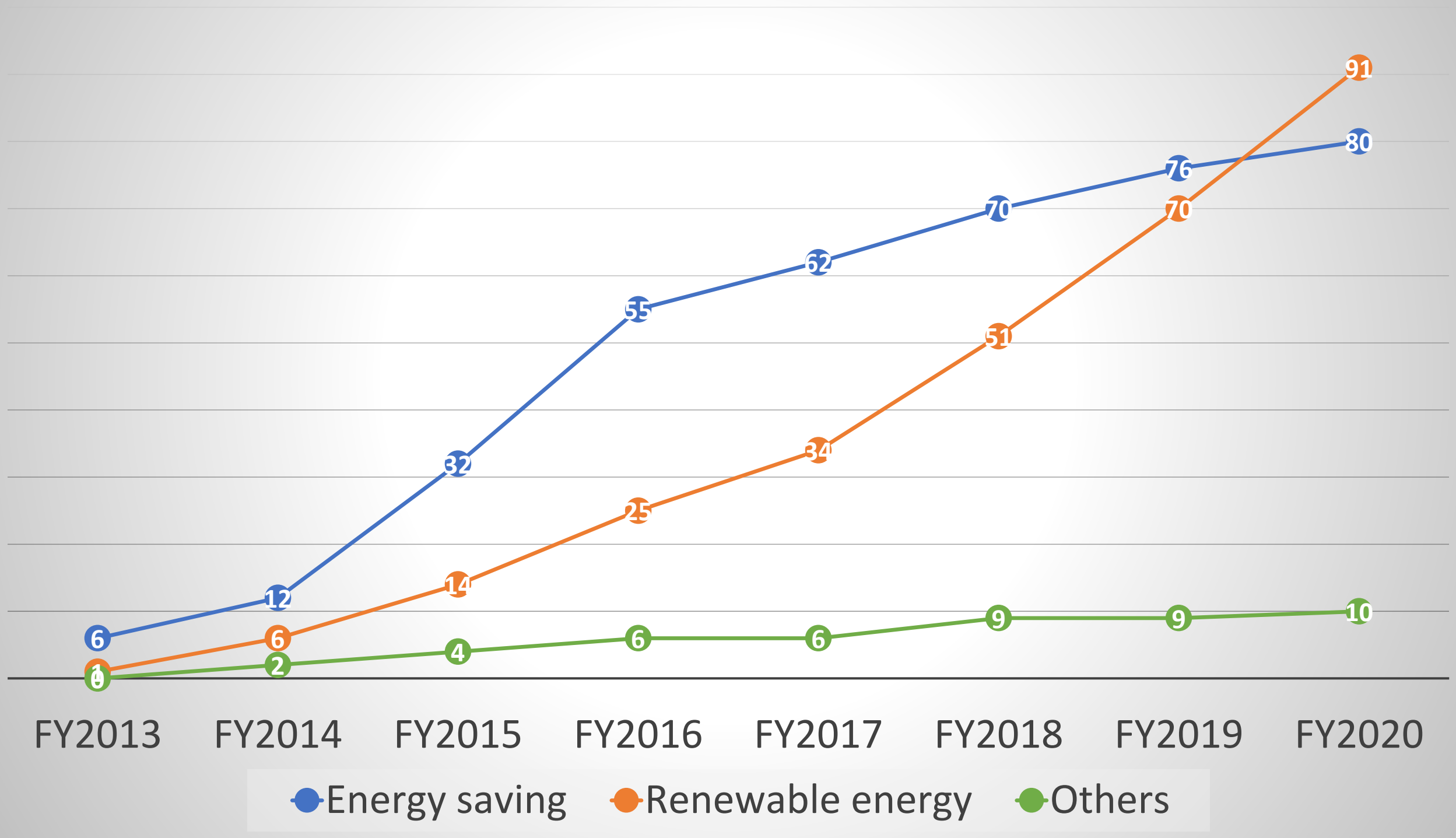
- Renewable Energy
- Effective Use of Energy
- Energy Efficiency Improvement
- Transport
- Waste Handling and Disposal

Categorization by applied technology type

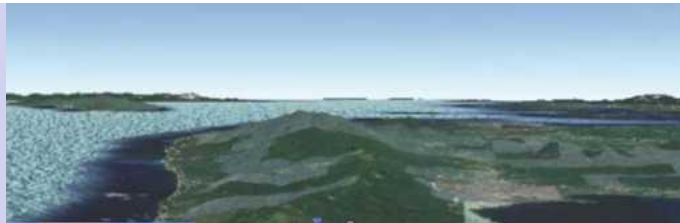
Sector	Technology	Mongolia	Bangladesh	Ethiopia	Kenya	Maldives	Viet Nam	Lao PDR	Indonesia	Costa Rica	Palau	Cambodia	Mexico	Saudi Arabia	Chile	Myanmar	Thailand	Philippines		
		MN	BD	ET	KE	MV	VN	LA	ID	CR	PW	KH	MX	SA	CL	MM	TH	PH		
1. Energy Efficiency	Air Conditioning System						4		1								1		6	
	Chiller		2				4		4	1		1					1	4	17	
	Refrigerator								1								2	4	7	
	Absorption Chiller Using Waste Heat								2									2	4	
	Swirling Induction Type Air-conditioning System																	1	1	
	Air Conditioning System with Total Heat Exchanger																1		1	
	Fridge and Freezer Showcase									1								1	2	
	Boiler	2					2		3				1			2	1		11	
	Double Bundle-type Heat Pump						1		1									1	3	
	Water Heater Using Waste Heat									1							1		2	
	Waste Heat Recovery System															2	1		3	
	Heat Exchanger																	1	1	
	Transformer						4	1											5	
	LED Lighting									2								1	3	
	LED Street Lighting with Dimming System									1			1						2	
	Pump						1												1	
	Air Compressor						1											1	2	
	Aeration System									1									1	
	Regenerative Burners									1									1	
	Gas Fired Furnace						1												1	
	Gas Fired Melting Furnace																	1	1	
	Air Conditioning Control System							1										1	2	
	Frequency Inverter for Pump							1					1						2	
	Ventilation Control System																1		1	
	Loom		1							2								1	4	
	Old Corrugated Cartons Process									1									1	
	Battery Case Forming Device							1											1	
	Electrolyzer in Chlorine Production													1				1	2	
	Wire Stranding Machines							1											1	
	Autoclave									1									1	
Multi-effect Distillation System												1						1		
Injection Molding Machine									1									1		
2. Renewable Energy	Solar Power Plant	4	1	1	2	1	4	3	3	1	5	4	3	1	4	1	15	6	59	
	Solar Power Plant with Battery								1										1	
	Small Hydropower Plant								8									3	11	
	Wind Power Plant																	1	1	
	Geothermal Power Plant																	1	1	
	Biomass Power Plant								1			1		1	1	1	1	1	6	
	Biogas Power Plant																	1	1	
	Biogas boiler						2											1	3	
	Biogas boiler															1		1	2	
	Biomass Co-generation						1											1	2	
3. Effective Use of Energy	Power Generation by Waste Heat Recovery								1							1	1		3	
	Gas Co-generation								2								3		5	
4. Waste Handling and Disposal	Waste-to-Energy Plant															1			1	
	Power Generation by Methane Recovery											1							1	
5. Transportation	Digital Tachograph System						1												1	
	CNG-Diesel Hybrid Bus								1										1	
	Reefer Container						1												1	
Total	Number of technology : 51		6	4	1	2	1	31	4	40	3	5	8	6	2	5	15	45	14	192

White 0 project = Up to 50% Yellow 1-3 project(s) = Up to 40% Orange more than 4 projects = Up to 30%

Project by Sector



Wind Power Generation

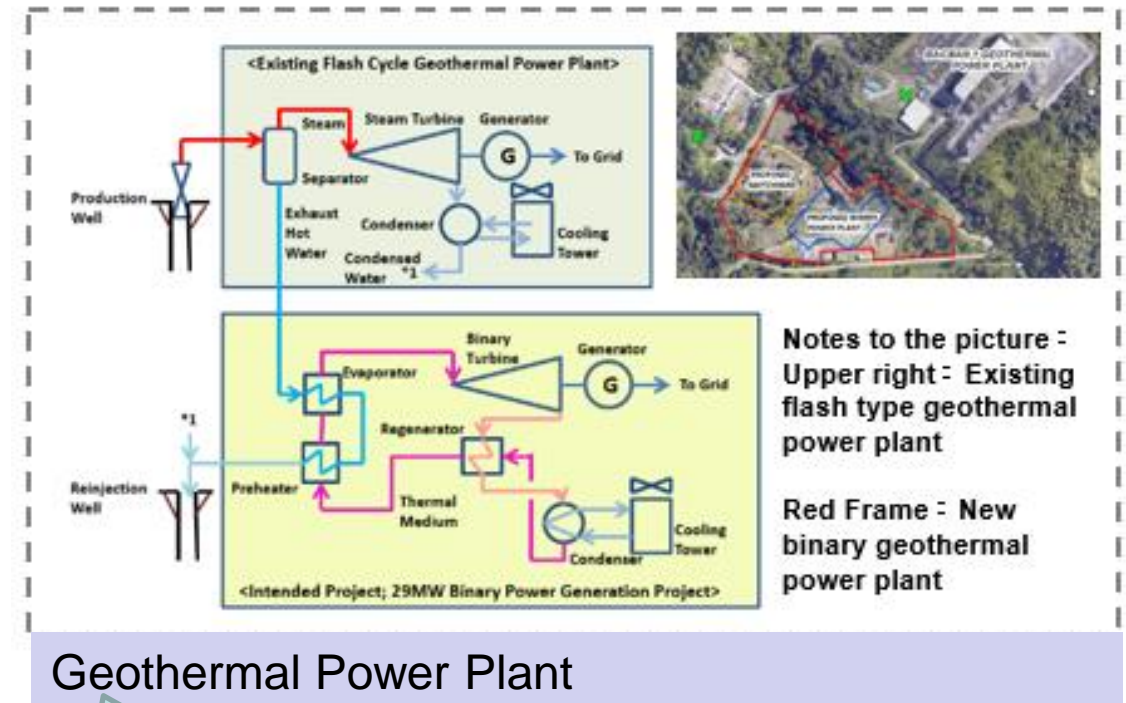


Wind turbines



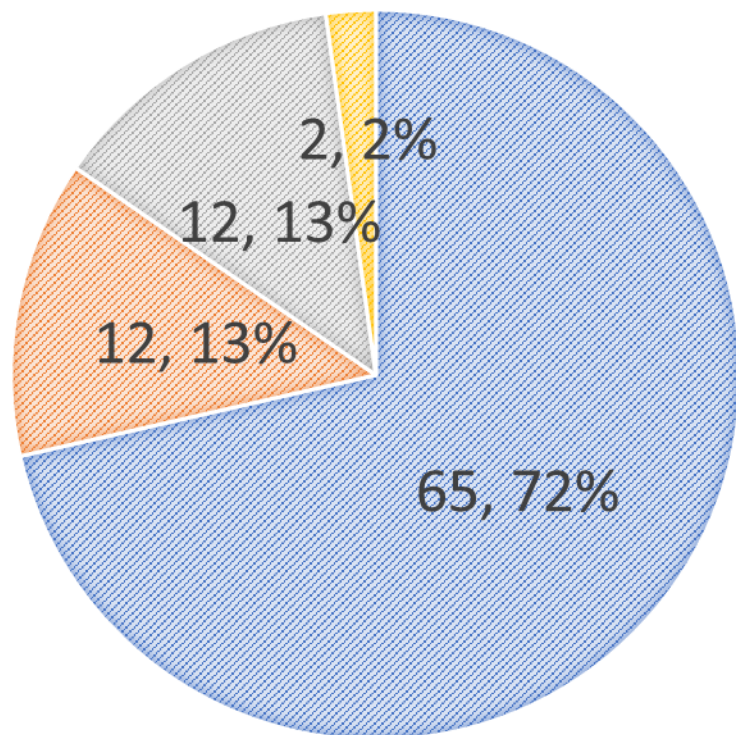
Concept image

©2019Google

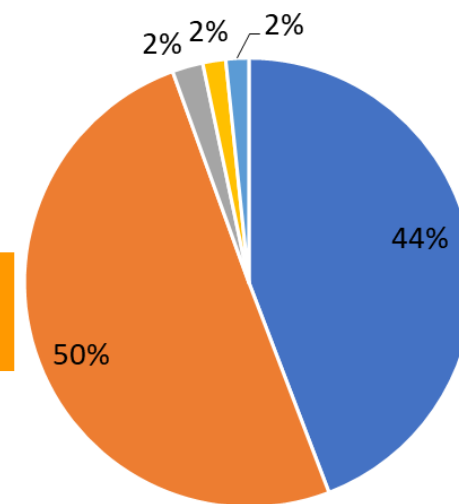


RENEWABLE ENERGY SECTOR

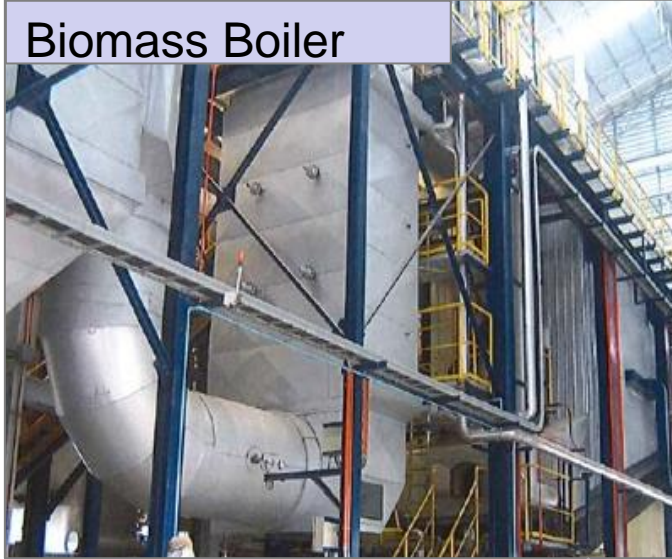
■ PV ■ Hydro ■ Bio ■ Others



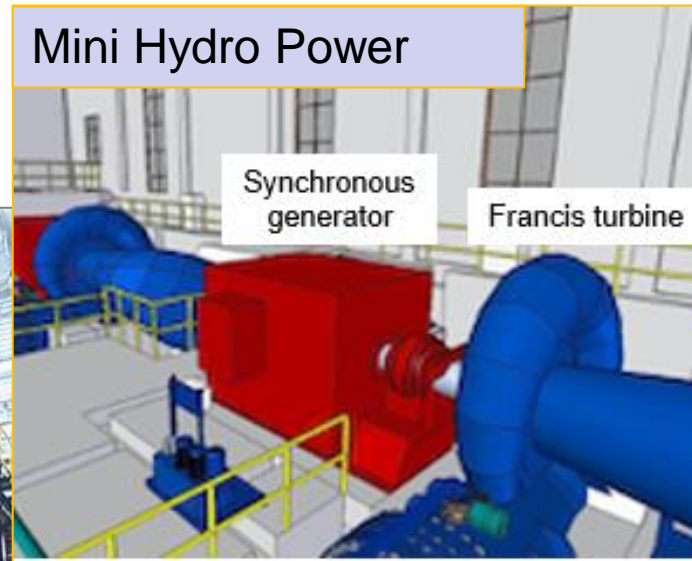
17 Partner Countries



■ Energy saving ■ Renewable energy
 ■ Energy Efficiency Improvement ■ Waste to Energy
 ■ Transportation



Biomass Boiler

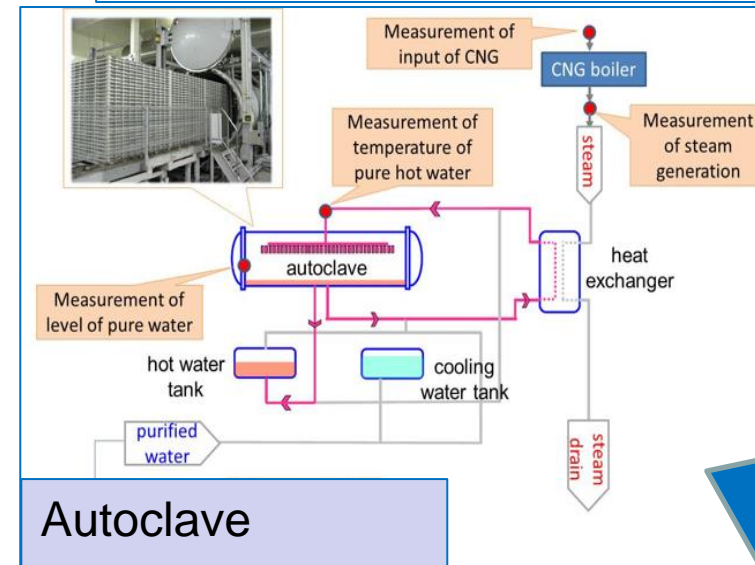


Mini Hydro Power

Synchronous generator

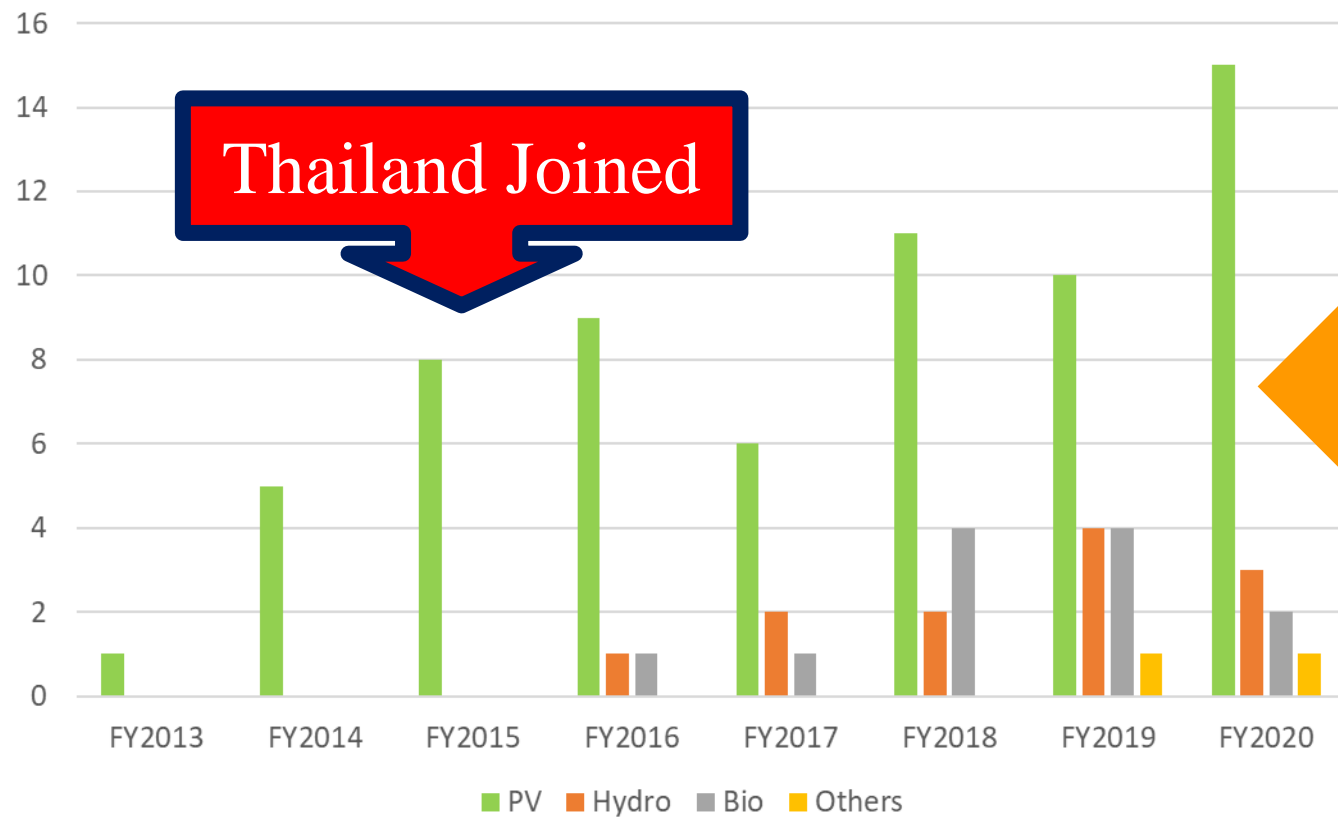
Francis turbine

Injection Molding Machine

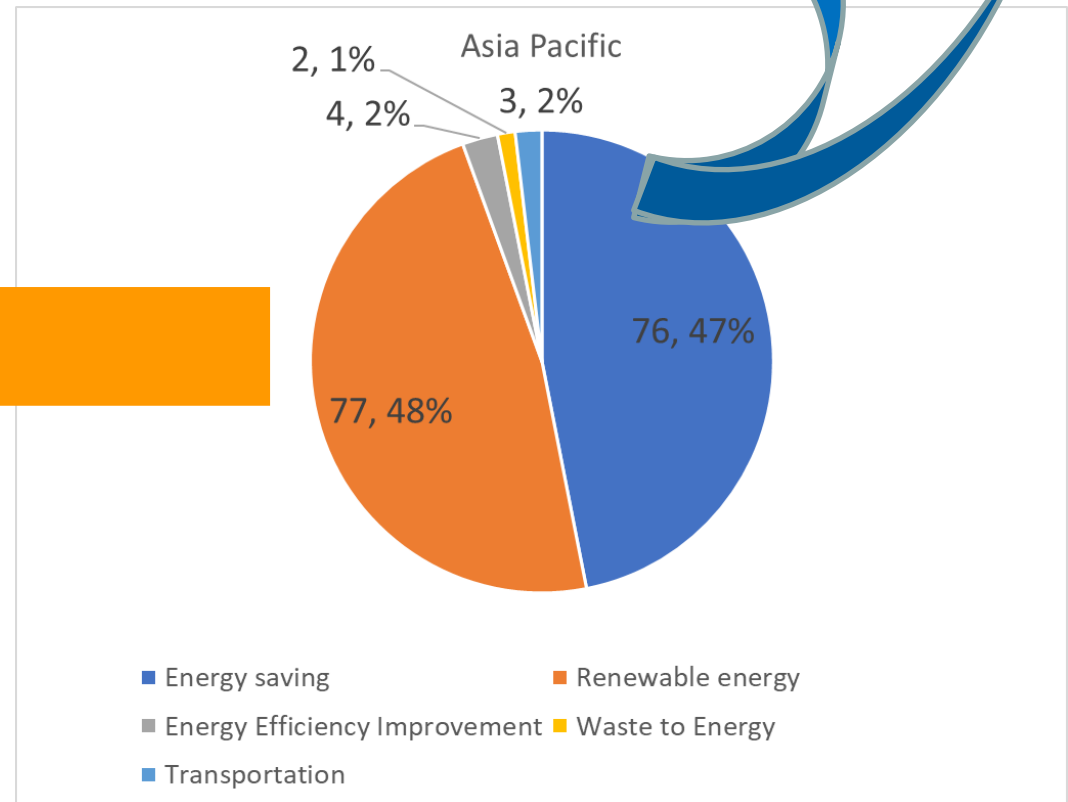


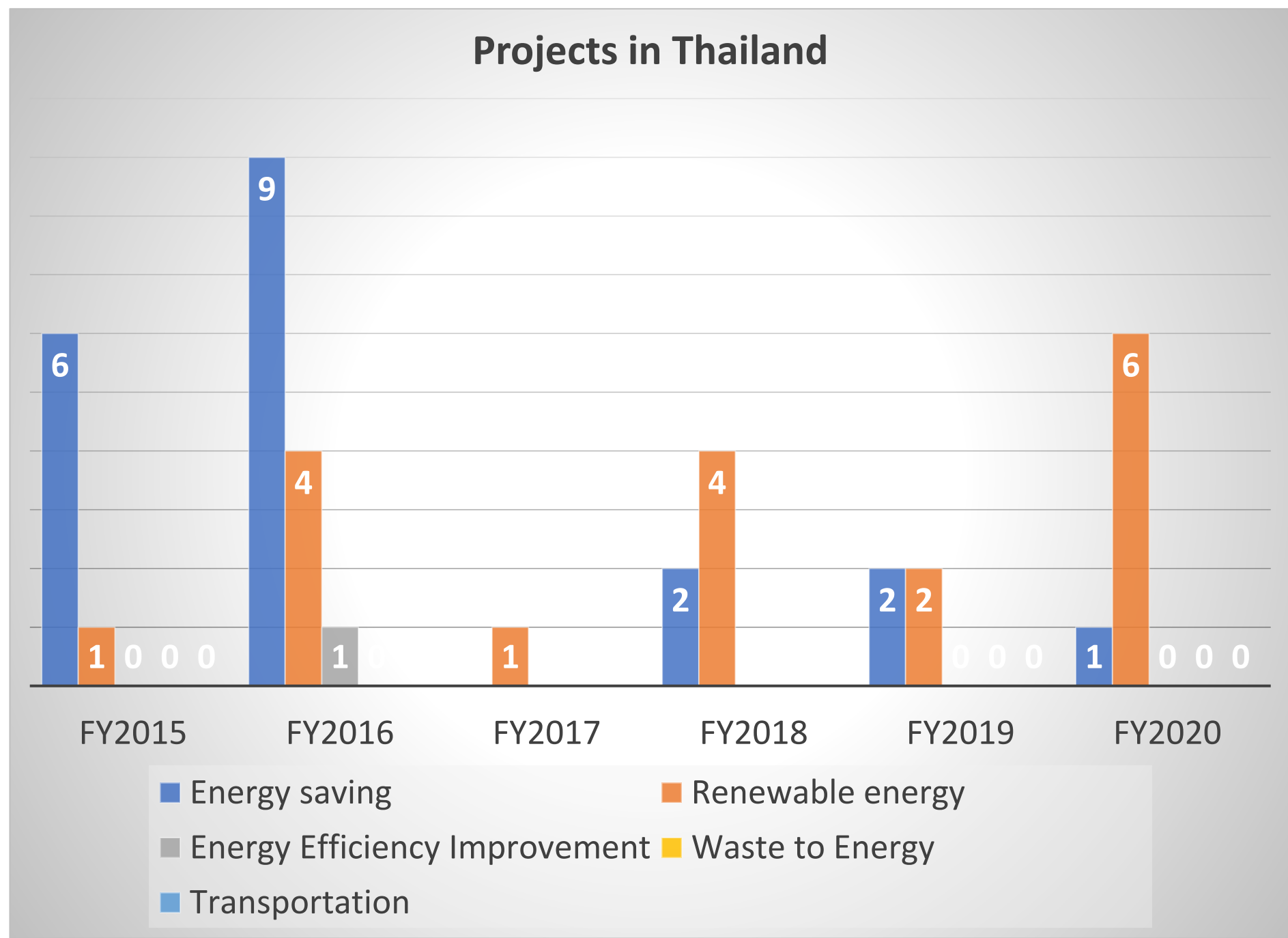
Autoclave

Renewable Energy Sector



Thailand Joined





Introduction of 8.1MW Rooftop Solar Power System in Motorcycle Factory and Fiber Factory

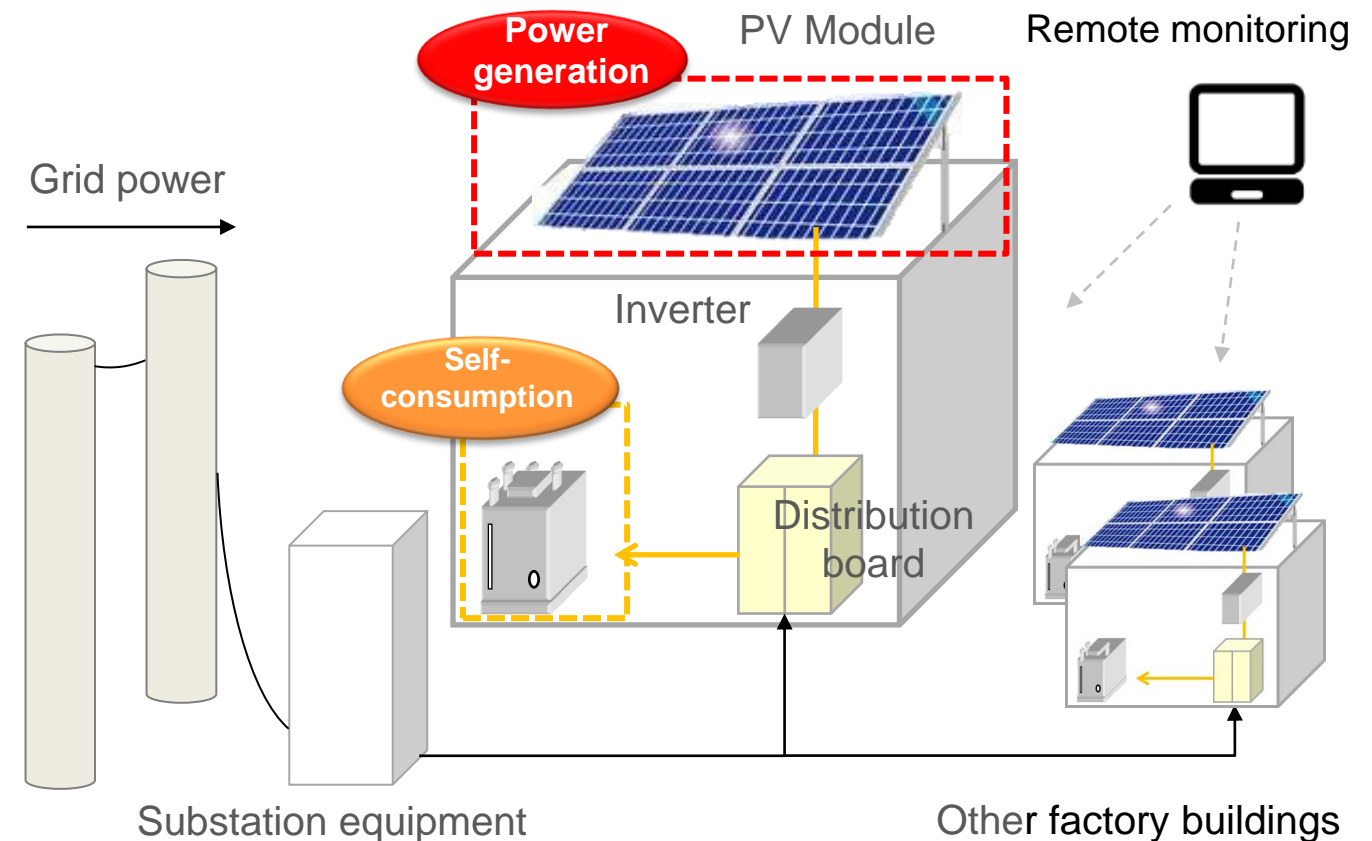
PP (Japan): Kansai Electric Power Co., Inc , PP (Thailand): Kansai Energy Solutions (Thailand) Co., Ltd

Outline of GHG Mitigation Activity

Solar Power System (total of about 8.1 MW) is installed on the rooftops of motorcycle factory and fiber factory, and all the generated power is consumed by each factory.

By replacing a part of the grid electricity with solar power, the greenhouse gas (GHG) emissions are reduced.

This project realizes energy saving and CO₂ saving in Thailand and contributes to the energy saving policy of Thailand.



Expected GHG Emission Reductions

3,797 tCO₂ /year

$$= (\text{Reference CO}_2 \text{ emissions}) [\text{tCO}_2/\text{year}] - (\text{Project CO}_2 \text{ emissions}) [\text{tCO}_2/\text{year}]$$

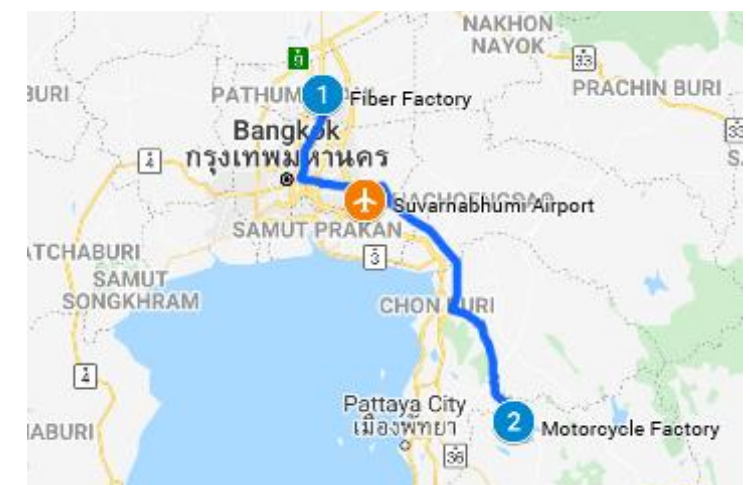
- Reference CO₂ emissions
= (Quantity of the electricity generated by the project) [MWh/year] × Emission factor [tCO₂/MWh]
- Project CO₂ emissions
= 0 [tCO₂/year]

Site of Project



Map Data ©2020 Google

①Approx. 40km north-west of Suvarnabhumi International Airport



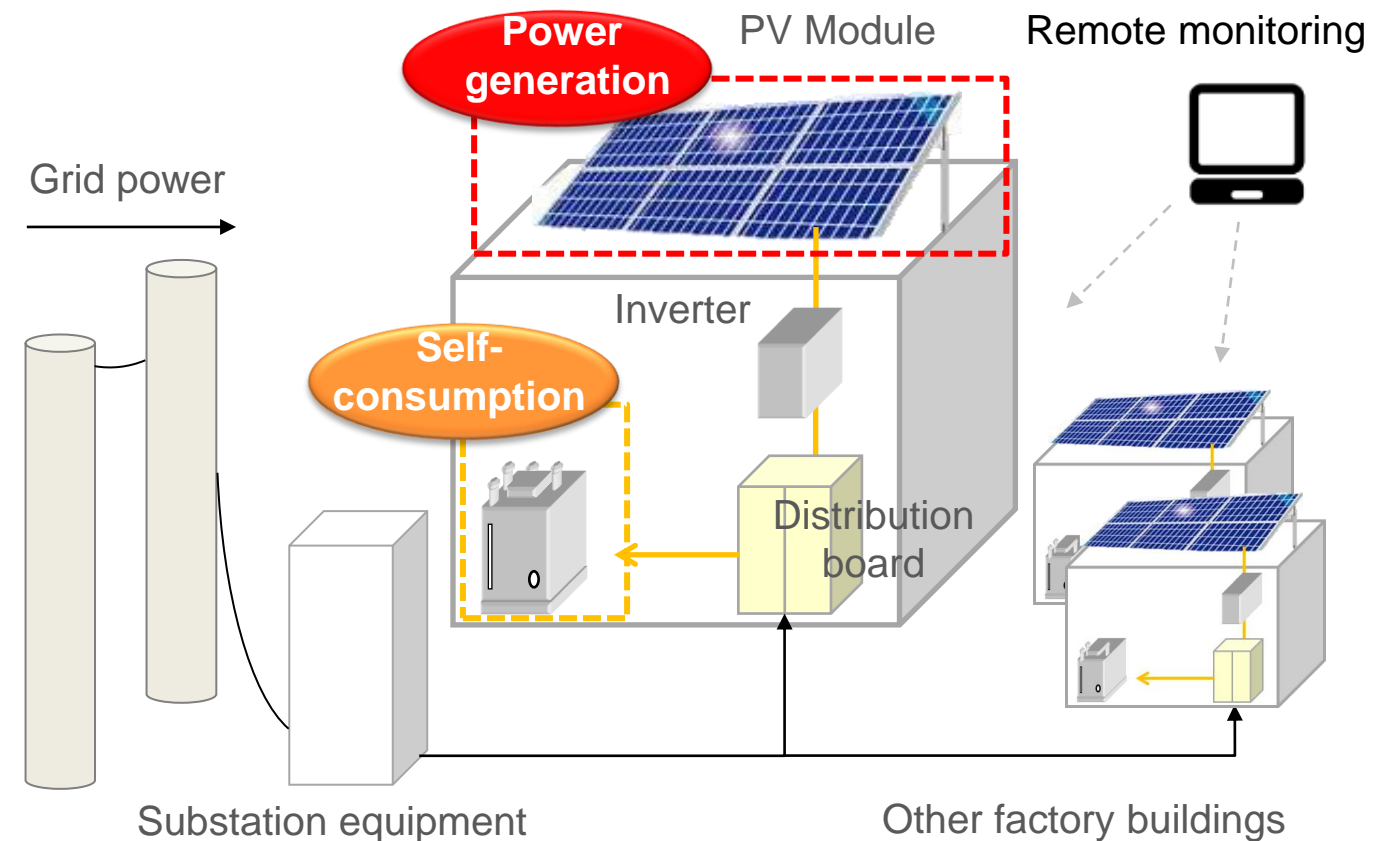
②Approx. 90km south-east of Suvarnabhumi International Airport

Introduction of 2.6MW Rooftop Solar Power System to Semiconductor Factory

PP (Japan): Kansai Electric Power Co., Inc. , PP (Thailand): Kansai Energy Solutions (Thailand) Co., Ltd.

Outline of GHG Mitigation Activity

2.6 MW solar power system is installed on the rooftops of a semiconductor factory, and all electricity generated from the project is consumed by the factory.
 Greenhouse gas (GHG) emissions are reduced by replacing part of the grid electricity with renewable energy.
 This project achieves energy saving and CO₂ saving in Thailand and contributes to the energy saving policy of Thailand.



Expected GHG Emission Reductions

1,188 tCO₂ /year

= (Reference CO₂ emissions)
 - (Project CO₂ emissions)

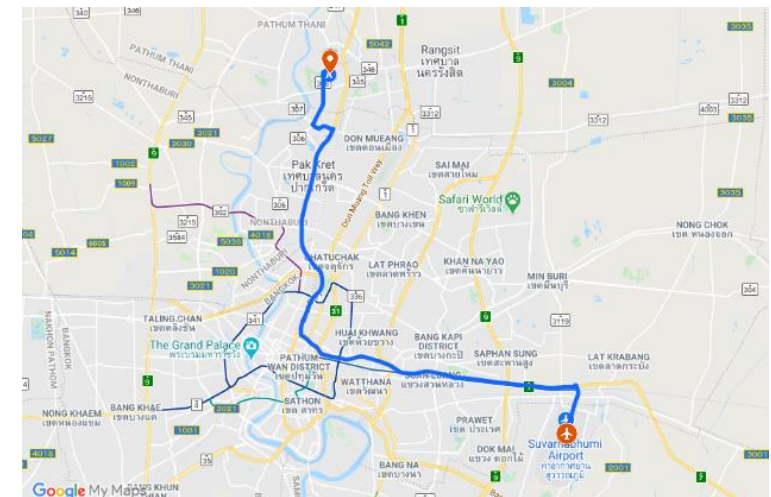
- Reference CO₂ emissions
 = (Quantity of the electricity generated by the project)
 [MWh/year]
 × Emission factor [tCO₂/MWh]

- Project CO₂ emissions
 = 0 [tCO₂/year]

Site of Project



Map Data ©2020 Google



Approx. 55km northwest of Suvarnabhumi International Airport

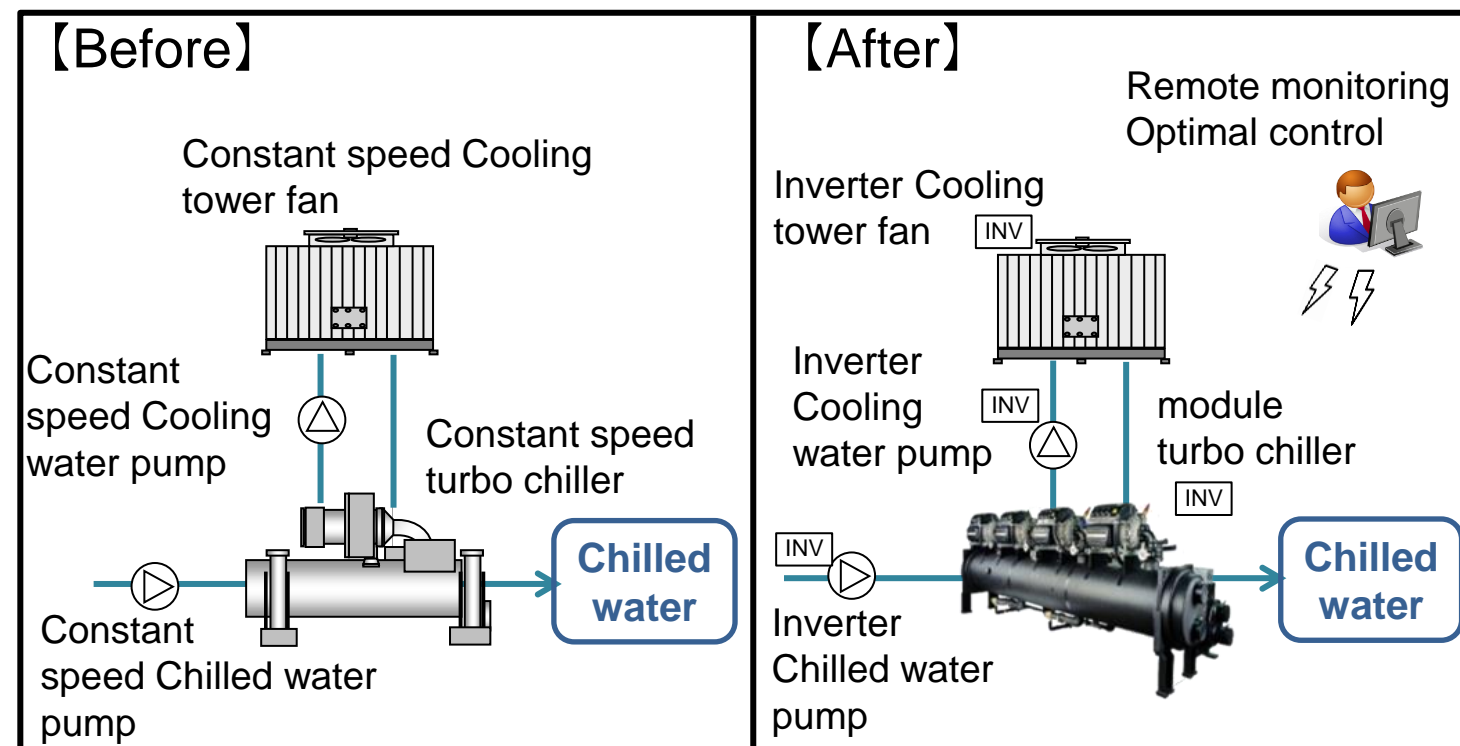
Introduction of Energy Saving Centrifugal Chillers to Machinery Factory

PP (Japan): Kansai Electric Power Co., Inc, PP (Thailand): Kansai Energy Solutions (Thailand) Co., Ltd

Outline of GHG Mitigation Activity

This project reduces energy consumption as well as greenhouse gas (GHG) emissions by introducing module turbo chillers (400USRT x 2 unit) and inverter pumps at a machinery factory.

Module turbo chillers include several compressors for 1 unit, which improve their reliability with high redundancy and maintainability.



Expected GHG Emission Reductions

225 t CO₂ / year

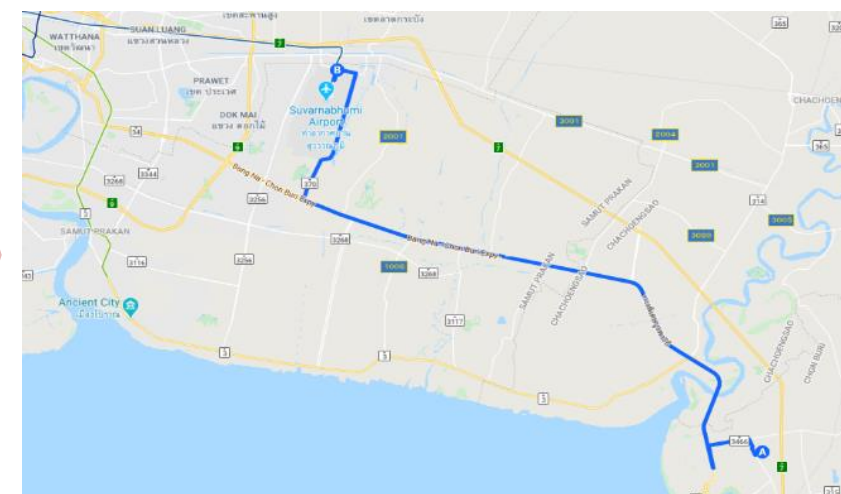
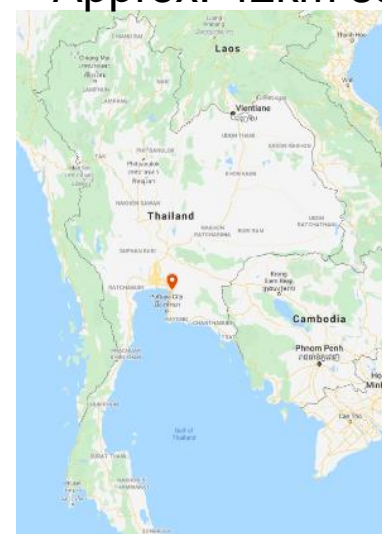
= ① Reference emissions – ② Project emissions

① Reference emissions = (Electricity consumption calculated by COP of reference turbo chiller × CO₂ emission factor of the grid)

② Project emissions = (Electricity consumption calculated by COP of new turbo chiller × CO₂ emission factor of the grid)

Site of Project

Approx. 42km south-east of Suvarnabhumi International Airport



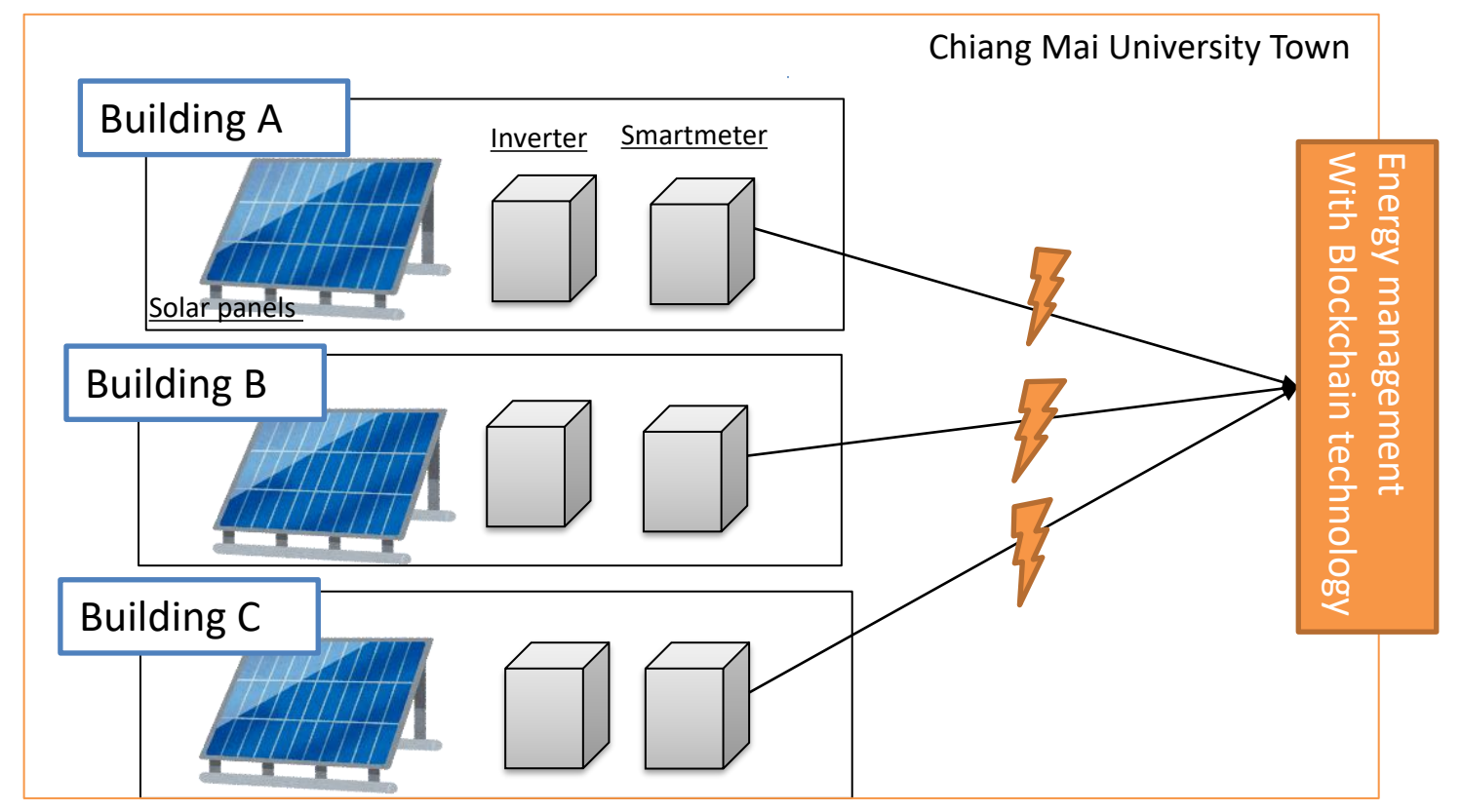
Map Data ©2020 Google

2.5MW Solar Power Project with Blockchain Technology in Chiang Mai University Town Community

PP (Japan): Inabata & Co.,Ltd , PP (Thailand): Thai Digital Energy Development Co.Ltd

Outline of GHG Mitigation Activity

This project introduces a 2.5 MW solar power generation system on the roofs of multiple buildings in Chiang Mai University, Thailand. This project is operated by blockchain technology which realizes the expansion and maximum utilization of renewable energy on campus and reduces greenhouse gas (GHG) emissions by introducing renewable energy.

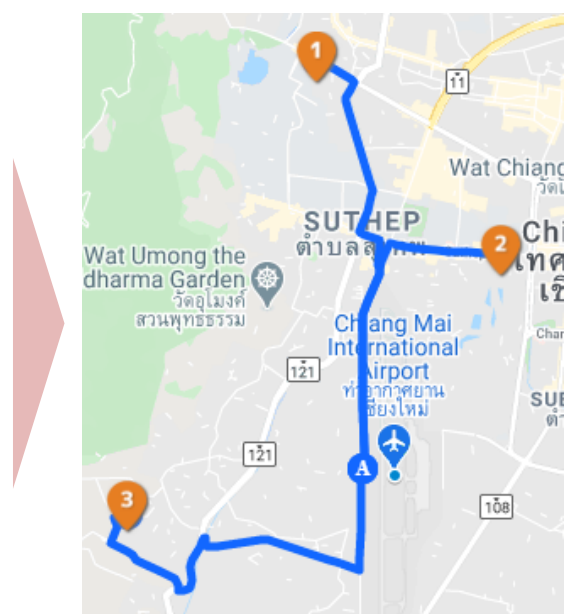
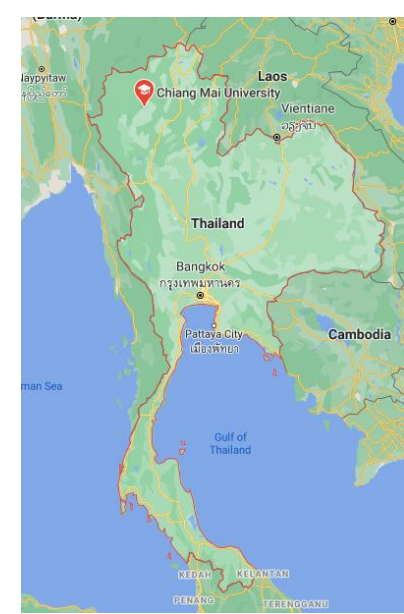


Expected GHG Emission Reductions

1,041 tCO₂/year

$$= [(Reference\ power\ consumptions) - (Project\ power\ consumptions)] \times Emission\ factor\ (EF)$$

Sites of Project



Distance from Chiang Mai International airport

- Zone 1: 7 km (NW)
- Zone 2: 4 km (NE)
- Zone 3: 5 km (SW)

Map data©2020 Google

Introduction of 5MW Rooftop Solar Power System to Aluminum Building Materials Factory

PP (Japan): Sumitomo Mitsui Finance and Leasing Company, Limited, PP (Thailand):TOSTEM THAI CO., LTD., SMFL Leasing (Thailand) Co., Ltd.

Outline of GHG Mitigation Activity

This project installs 5MW solar power system on the rooftop of an aluminum building materials factory in Nava Nakorn Industrial Estate near Bangkok by lease financing.

All electricity generated from the project is consumed in-house. By replacing the grid electricity with renewable energy, the greenhouse gas (GHG) emissions are reduced.



Expected GHG Emission Reductions

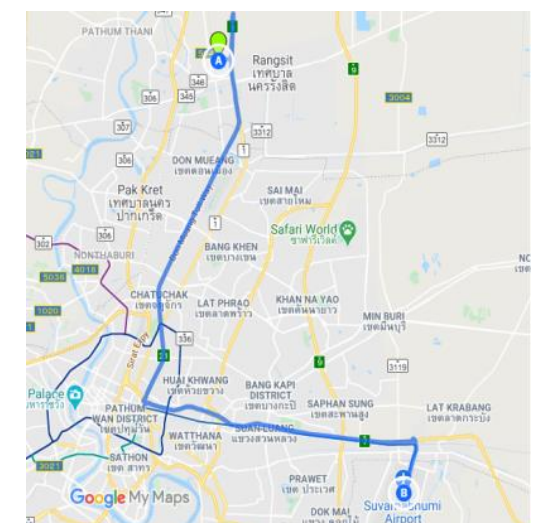
2,200 tCO₂ /year

$$= (\text{Reference CO}_2 \text{ emissions}) - (\text{Project CO}_2 \text{ emissions})$$

- Reference CO₂ emissions
= (Quantity of the electricity generated by the project [MWh/year] × Emission factor [tCO₂/MWh])
- Project CO₂ emissions
= 0 [tCO₂/year])

Sites of Project

Approx. 56km northwest of Suvarnabhumi International airport

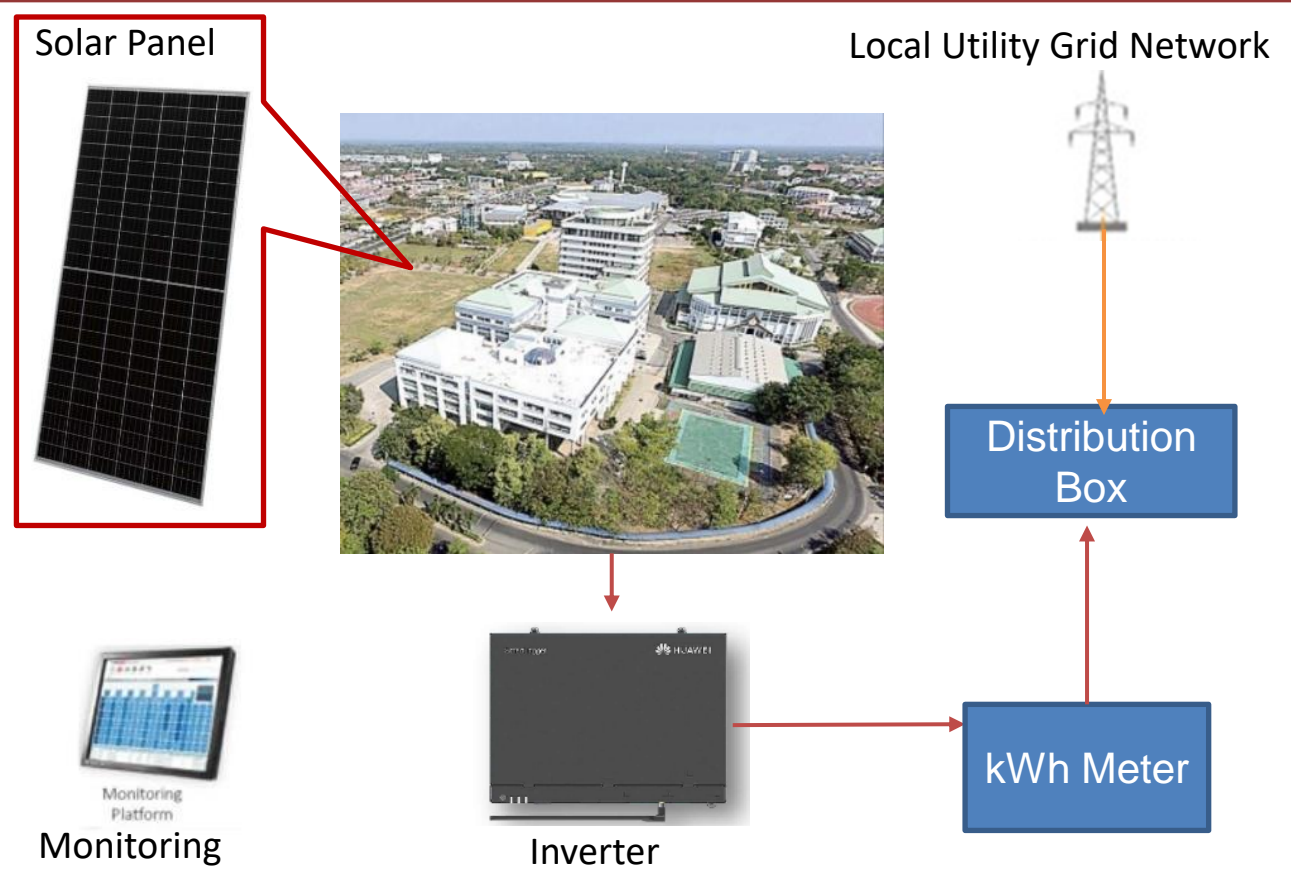


Introduction of 2MW Rooftop Solar Power System to University

PP (Japan): SHIZUOKA GAS Co., Ltd., PP (Thailand): VNET Power Co., Ltd., VNET SG Power Co., Ltd.

Outline of GHG Mitigation Activity

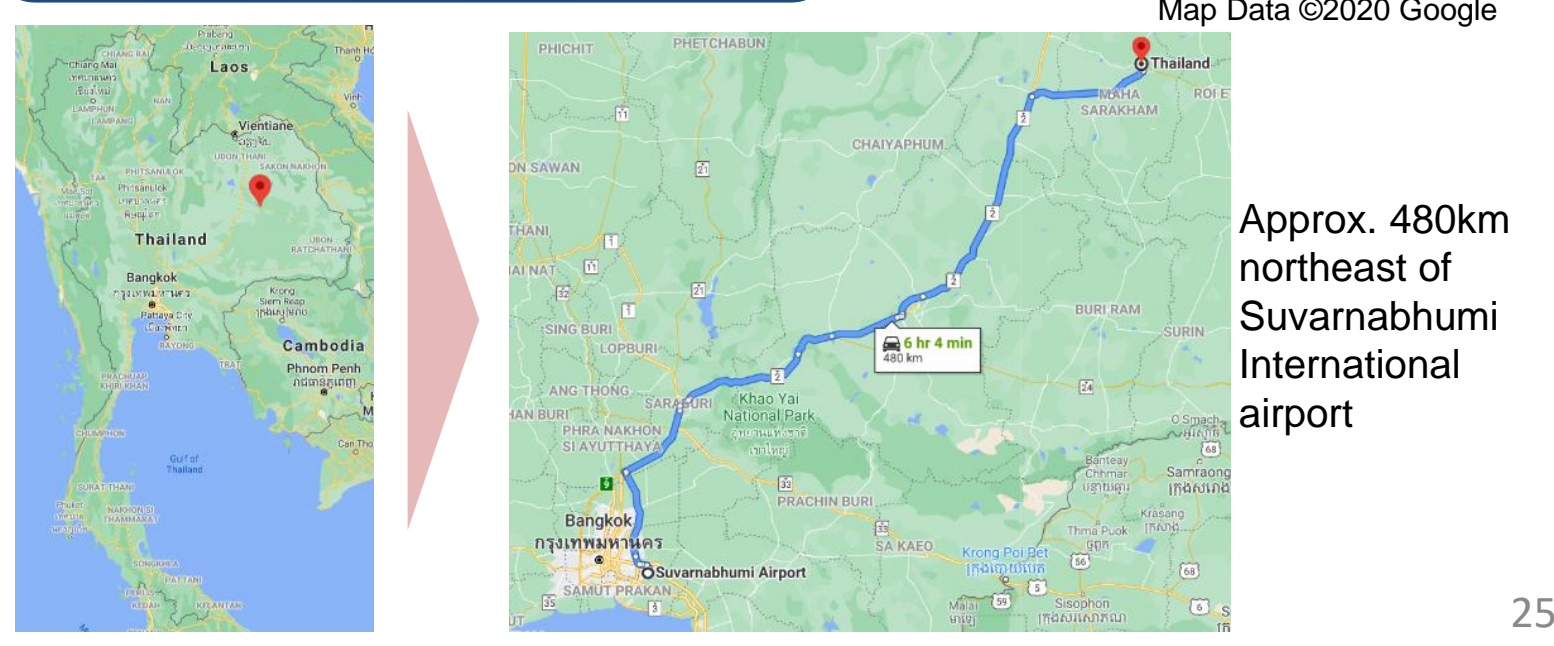
A 2MW solar power system is installed for self-consumption on the roofs of university campus buildings located about 480km northeast of Bangkok. A joint venture company of the project participants signs Power Purchase Agreement with the university to supply the electricity generated for 21 years. The electricity generated replaces a portion of grid electricity to reduce greenhouse gas (GHG) emissions. This project contributes to the achievement of Thailand's policy for increasing the share of renewable energy (excluding imported hydropower) in the total power supply to 20% by 2037.



Expected GHG Emission Reductions

- 868 tCO₂/year**
- = 868 tCO₂/year (Reference CO₂ emissions)
- 0 tCO₂/year (Project CO₂ emissions)
- Reference CO₂ emissions
- ≒ 2,727,153 [kWh/year]
- × 0.319 [kg CO₂/MWh] ÷ 1,000
- ※ Due to fractional processing in the calculation, the figure is 868 tCO₂/year.
- Project CO₂ emissions
- = 0 [tCO₂/year]

Sites of Project



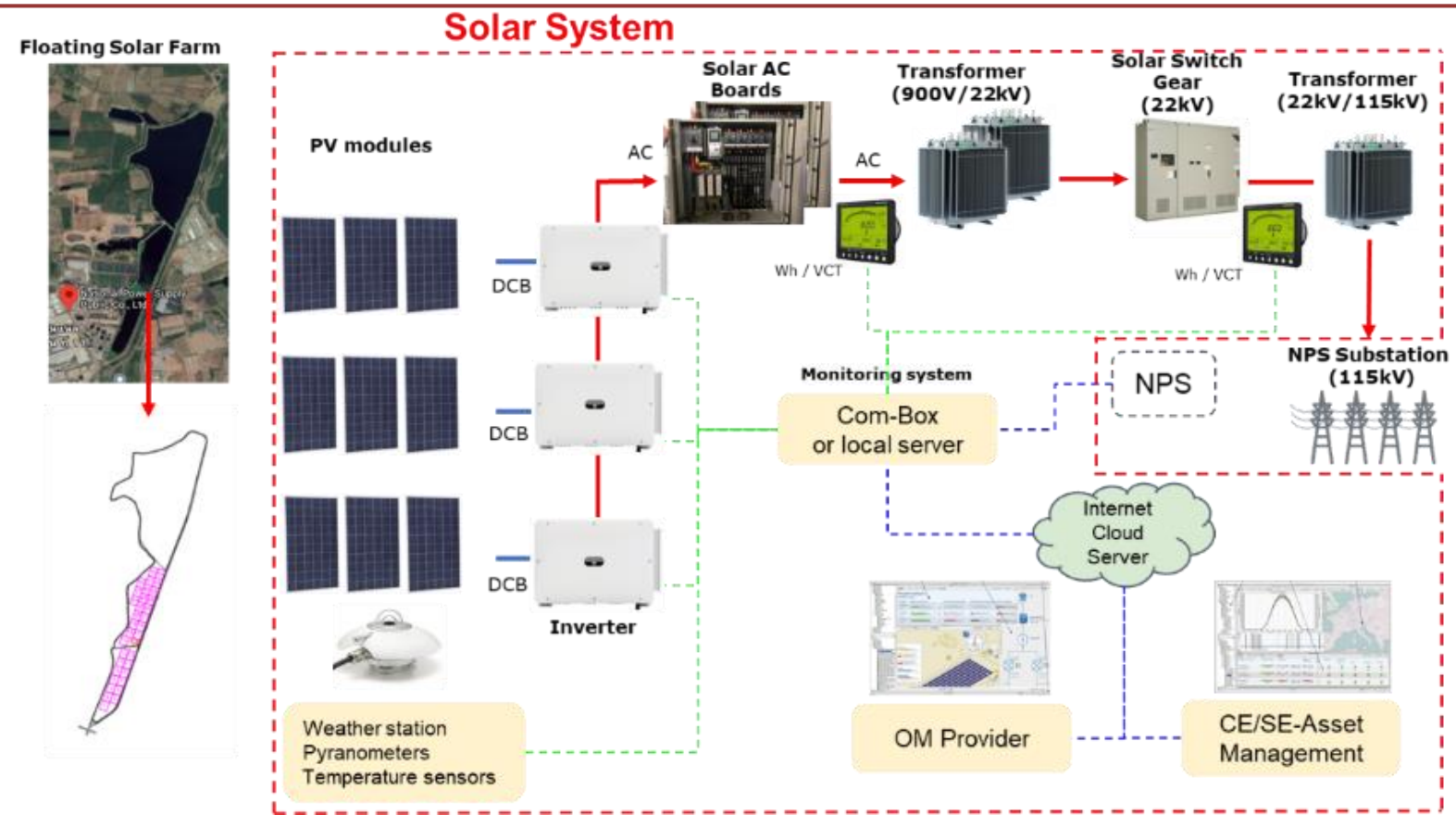
30MW Floating Solar Power Project in Industrial Park

PP (Japan): Shizen Energy Inc. , PP (Thailand): Constant Energy Singapore Holding Pte. Ltd., Solar Floating CE 6 Co., Ltd.

Outline of GHG Mitigation Activity

30 MW solar power system is installed in an Industrial Park. The generated electricity is sold to the National Power Supply (NPS), a power company that supplies electricity to the Industrial Park, reducing greenhouse gas (GHG) emissions.

This project contributes to the achievement of National Power Development Plan 2018 (PDP 2018) for a renewable energy ratio target of approx. 20% in 2037.



Expected GHG Emission Reductions

13,739 tCO₂ /year

= (Reference CO₂ emissions)
- (Project CO₂ emissions)

▪ Reference CO₂ emissions
= (Quantity of the electricity generated by the project) [MWh/year]

× Emission factor [tCO₂/MWh]

▪ Project CO₂ emissions
= 0 [tCO₂/year]

Site of Project

Approx. 120km east of Suvarnabhumi Airport



- 1 Thailand / EAST RETAILING CO., LTD. High Efficiency LED Lighting
- 2 Cambodia / AEON MALL Co., Ltd. Solar Power System and High Efficiency Centrifugal Chiller
- 3 Bangladesh / Ebaso Refrigeration Equipment & Systems Co., Ltd. High Efficiency Centrifugal Chiller
- 4 Mexico / Sanitary Spirits Limited Once-through Roller and Fuel Switching



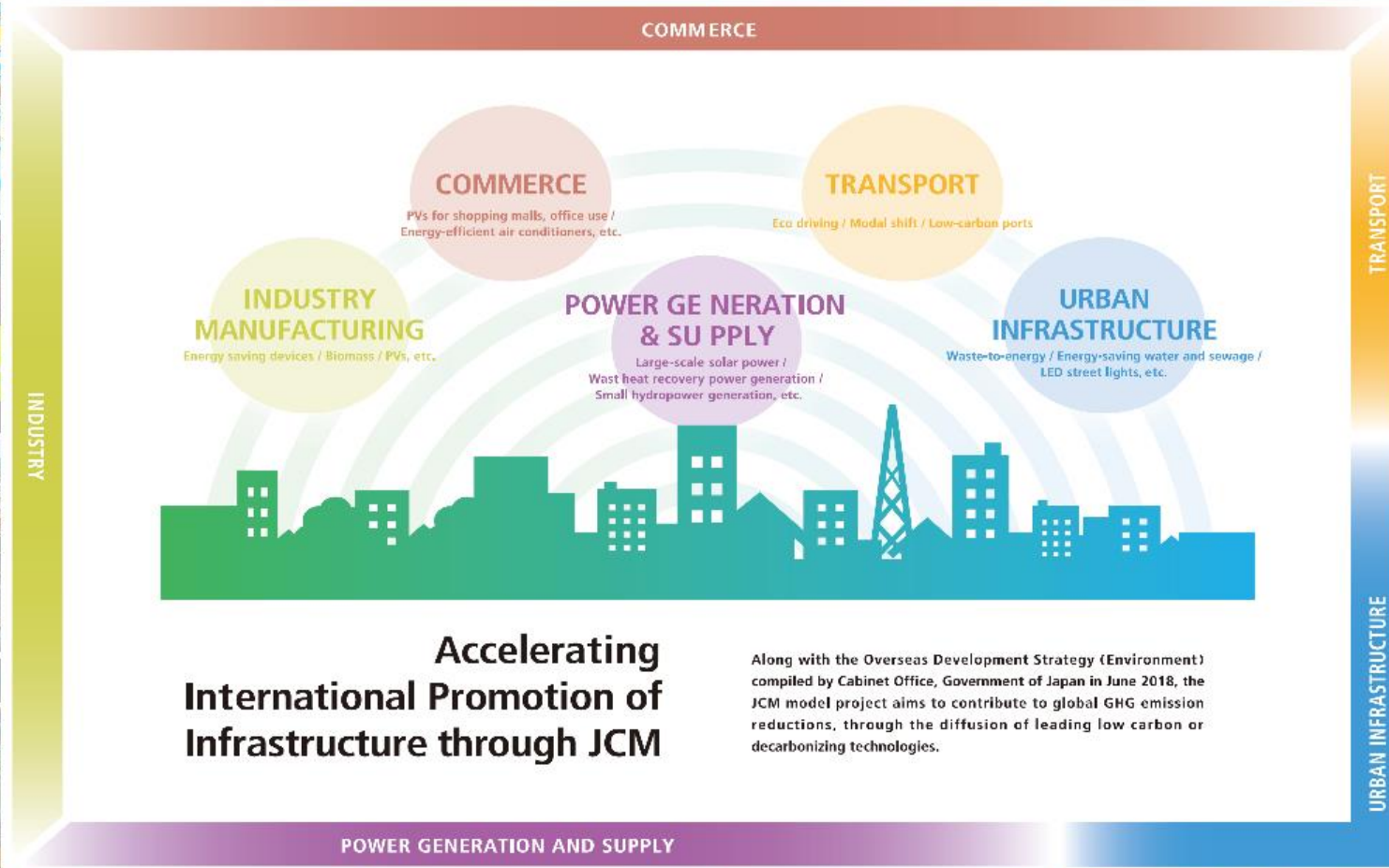
- 3 Palau / Pacific Consultants Co., Ltd. Solar Power Plants for Commercial Facilities
- 4 Indonesia / Toyota Tsusho Corporation Double-Bundle Type Heat Pump
- 1 Indonesia / Hokusan Co., Ltd. CHG-Diesel Equipment to Public Bus
- 2 Thailand / Yokohama Port Corporation Energy Efficient Equipment to Bangkok Port



- 3 Indonesia / Environmental Management and Technology Center Energy Saving in Industrial Wastewater Treatment System
- 4 Myanmar / Kirin Holdings Company, Limited, Energy Saving Rolling Systems
- 1 Thailand / TSO Co., Ltd. Floating Solar Power System
- 2 Mexico / FIDATIA CONSULTING, INC. Power Generation with Methane Gas Recovery System



- 1 Viet Nam / Yuki Kasei Co., Ltd. Amorphous High Efficiency Transformers in power grid
- 2 Viet Nam / Yokohama Water Co., Ltd. High Efficiency Water Pumps
- 3 Myanmar / JTC Engineering Corporation Waste to Energy Plant in Yangon City
- 4 Myanmar / Fujitsu Corporation Rice Husk Power Generation



Accelerating International Promotion of Infrastructure through JCM

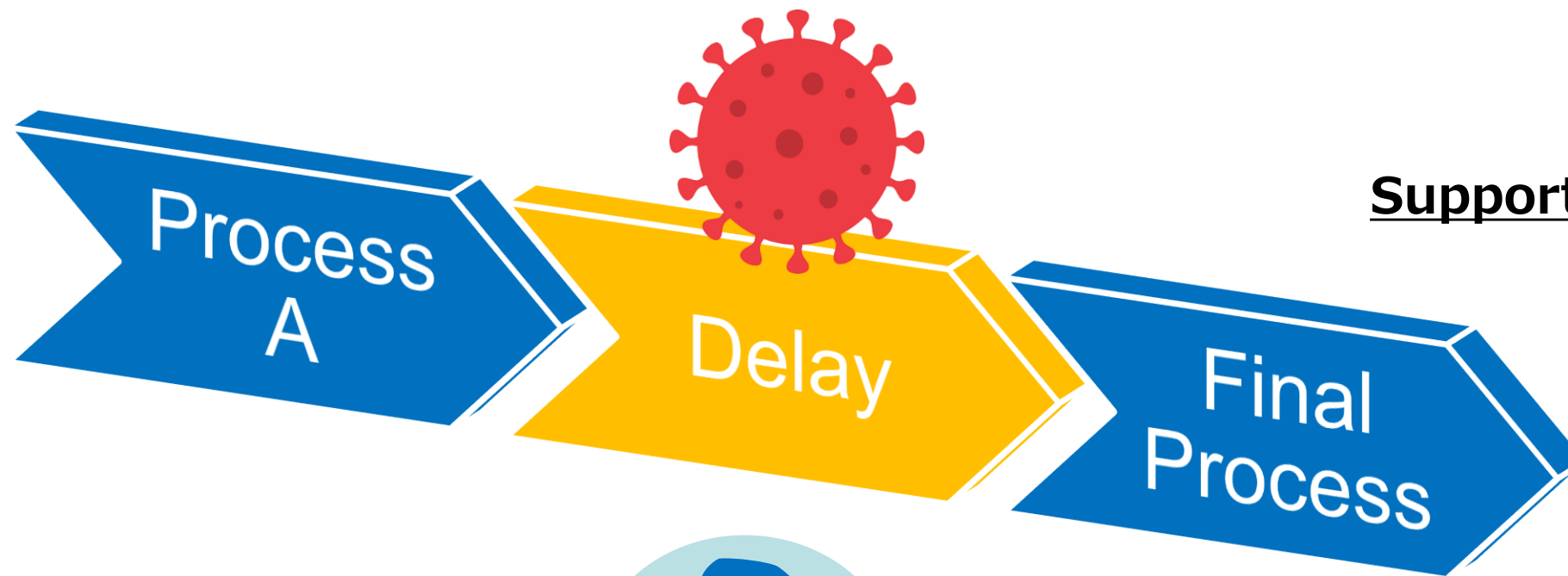
Along with the Overseas Development Strategy (Environment) compiled by Cabinet Office, Government of Japan in June 2018, the JCM model project aims to contribute to global GHG emission reductions, through the diffusion of leading low carbon or decarbonizing technologies.

Impact on Projects

- Government services stall, licenses and permits delay
- Design work delay / supply delay due to suspension of factory operation
- Installation work delay due to difficulty in securing labor for construction / engineers unable to enter the project site.
- Deterioration of cash flow of the project partner / reduction of investment budget, difficulty in raising funds
- Suspension of banking operations (delay on loan contracts, remittances)
- Reassessment of the project feasibility / change or reduction of project plan (especially in tourism and transportation)

Impact on Operation for JCM Model Projects

- Restricted face to face meeting:
 - Evaluation interviews
 - Meeting with participants
 - Consultation for prospect entities



Support by MOEJ/GEC



Foresee and make allowance with well contemplated schedule

An icon showing a telescope on a tripod next to a sad face emoji, representing foresight and scheduling.

Modify Project plan flexibly

- Design
- Manufacturer
- Contractor
- Financer, etc.

An icon showing a factory and a person, representing project modification and stakeholders.

Online Inspection

- remote camera
- Photos
- Video
- online discussion

An icon showing a computer monitor and a cloud, representing online inspection and digital communication.

Online Meeting with participants
Consultation for prospect entities

An icon showing three stylized human figures, representing online meetings and consultations.

Promotion via Webinar
Online Seminar
Symposium

An icon showing a wireless signal tower, representing digital promotion and seminars.

Break stagnated Permission
to promote Projects

An icon showing a green plant growing from a blue triangle, representing breaking stagnation and promoting projects.

What is the “JCM Global Match”?

<https://gec.force.com/JCMGlobalMatch/>

A platform to connect the JCM participants for the better and effective project development.



Features of the “JCM Global Match”

Launched in July 2019

>Many matchings have already been recognized to realize JCM projects.

Reformed on December 2nd 2020!

1. Simple registration (only 5 items to start)
2. Search of your possible partners by any key word
3. Useful communication among all participants (Open Discussion, Invitation Salon)
1 to 1 Communication by private chat and Email addresses exchange
4. Opportunity to promote your company by Profile and Specialties sections
5. Reservation of your Scheduled Meetings

*Google Chrome and Firefox are recommended browsers.

<https://gec.force.com/JCMGlobalMatch/>

The screenshot shows the homepage of the JCM Global Match website. At the top, there is a navigation bar with the GEC logo, a search bar, and a user profile dropdown for 'Aoyama N...'. Below the navigation bar, the main heading reads 'JCM Global Match' with the subtitle 'A match-making platform for climate technology projects'. The page is divided into several sections: 'Open Discussion' with sub-sections for 'Discussion by Country' and 'Discussion by Technology'; 'Find your partner by Type and Specialty' with categories for 'Seller', 'Buyer', 'Consultant', and 'Financier'; 'Invitation Salon' with a button to 'Create a new Invitation Salon as a host.' and a list of groups including '私のグループ' (My Group) with details like 'Solar power technology in Chile' and '太陽光発電' (Solar Power Generation); 'Matching / Scheduled Meetings' with a table titled 'MY MATCHING (PROGRESS)'; 'Official Twitter by GEC' with a tweet from @GEC_JCM_Info; and a 'Your Company's Specialties' section with a 'Register My Company's Specialties' button.

Matching Name	Status	Name	Own
20201202-20	Matching	Aoyama Nanako	Aoyama
20201203-21	Matching	Aoyama Nanako	Aoyama

Access Information

URL:

Search...

Search

Login

<https://gec.force.com/JCMGlobalMatch/>

Or search with "JCM Global Match"!

JCM Global Match

A match-making platform for climate technology projects

Create Your Account

Official Twitter by GEC

For Guests (With no account yet)

You can sign up here. Using this website is free of charge.

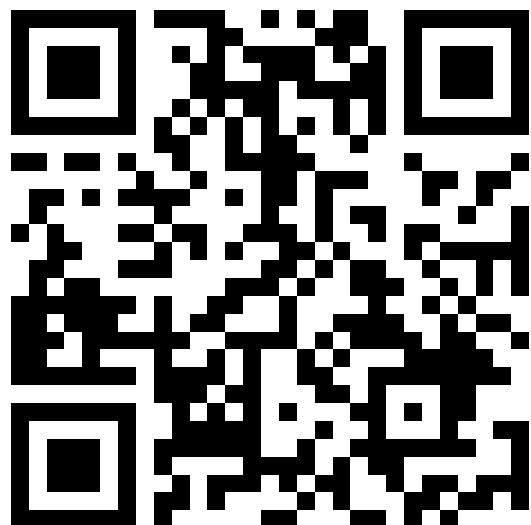
[Click here to see How to sign up the website.](#)

Create Your Account

Tweets by @GEC_JCM_Info

 GEC_JCM_Info
@GEC_JCM_Info

Our business matching website, "JCM Global Match", has been reborn on Dec 2nd in 2020. The user interface has been upgraded, and more helpful functions to support your efficient match making have been added. Check the new website out from the link below; gec.force.com/JCMGlobalMatch...



***Google Chrome and Firefox are recommended browsers.**

Please register and find your partner now!

Contact : jcm-gm@gec.jp

<http://gec.jp/jcm/kobo/mp210407/>



Global Environment
Centre Foundation 

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Overview

Call for Proposals

Projects

News

JCM Global Match

Publications

The Global Environment Centre Foundation (GEC) as an implementing organization for the Financing Programme for Joint Crediting Mechanism (JCM) Model Projects in FY2021, is soliciting the project proposals for the financing programme.

*We are waiting for
your project proposals !*

ขอบคุณ !
Thank you!
ありがとうございました。

Global Environment Centre Foundation(GEC) Tokyo Office

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Tokyo 113-0033, JAPAN**

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