

***Financing Programme for JCM Model Projects
and JCM Global Match***

November 2023

Global Environment Centre Foundation (GEC)



1

- JCM Model Projects Overview

2

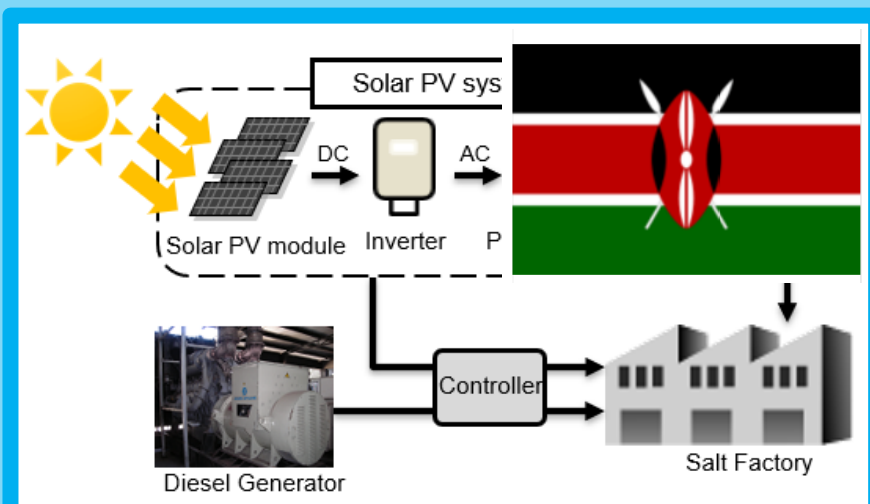
- Project Trend

3

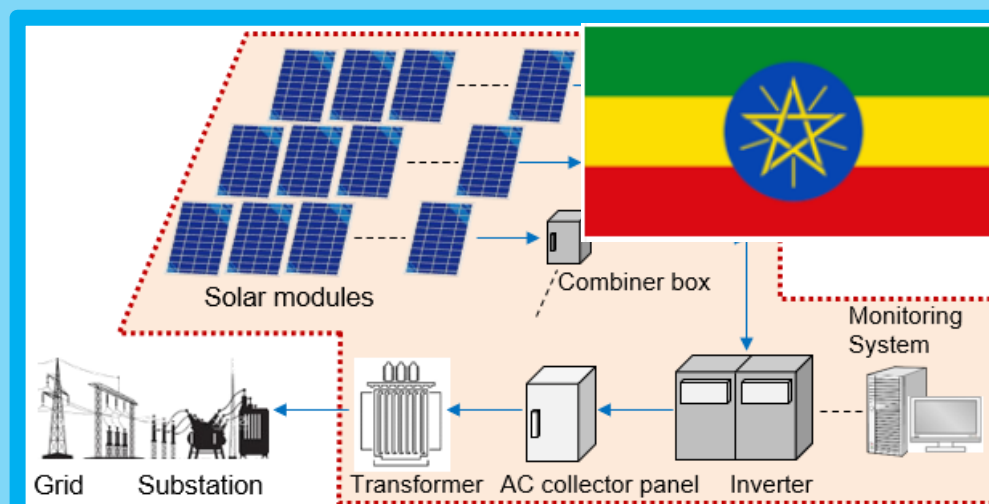
- JCM Global Match

4

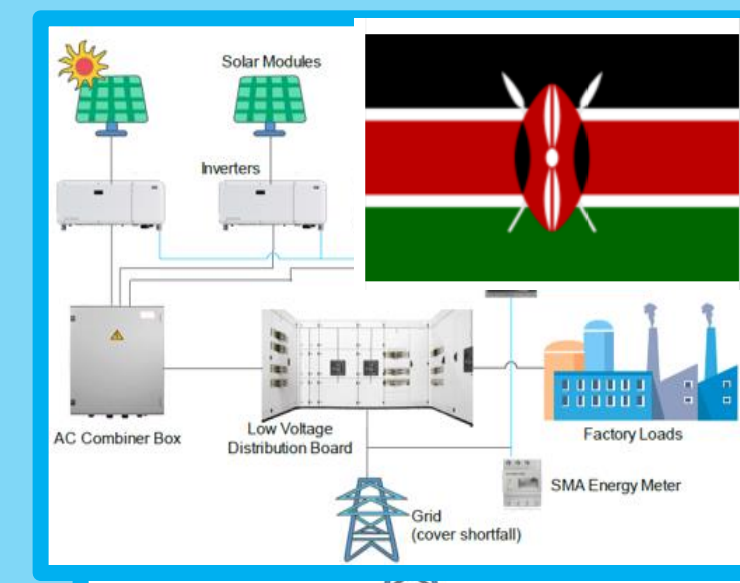
- Conclusion



Introduction of Solar PV System at Salt Factory in Kenya



120MW Solar Power Project in Metehara, Oromia Region in Ethiopia



Introduction of Rooftop Solar Power System to Facilities in Kenya



Ethiopia
May 27, 2013
(Addis Ababa)



Kenya
Jun. 12, 2013
(Nairobi)

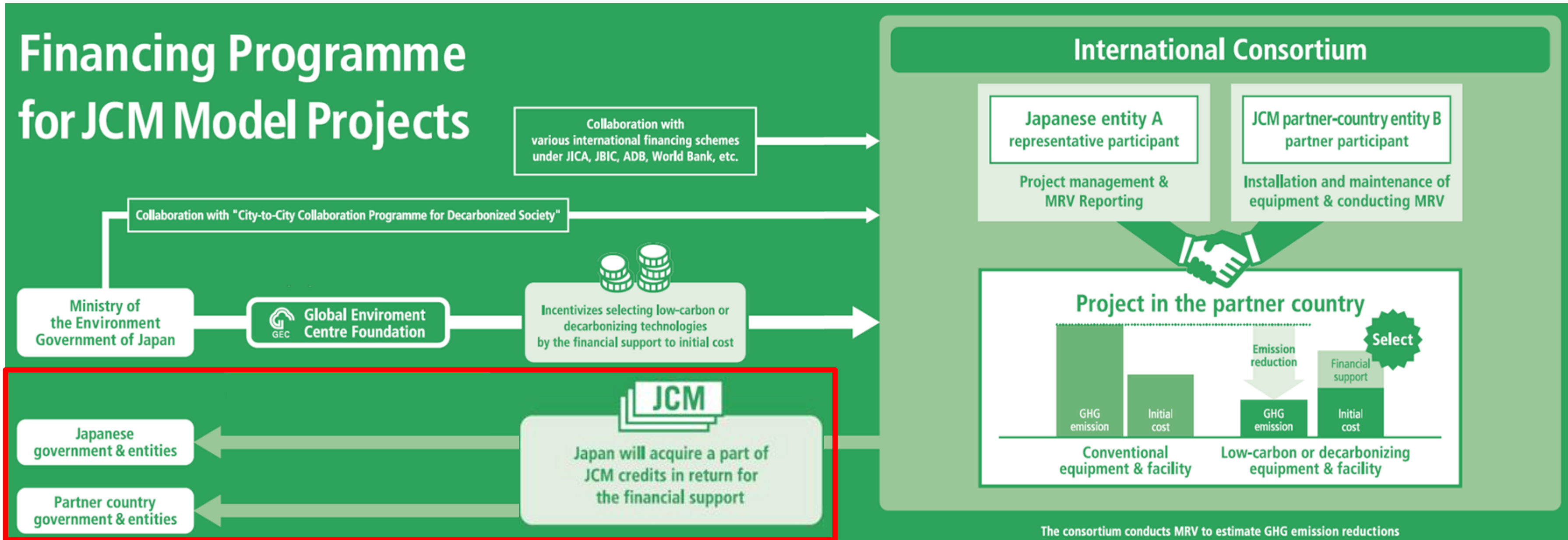


Senegal
Aug. 25, 2022
(Dakar)

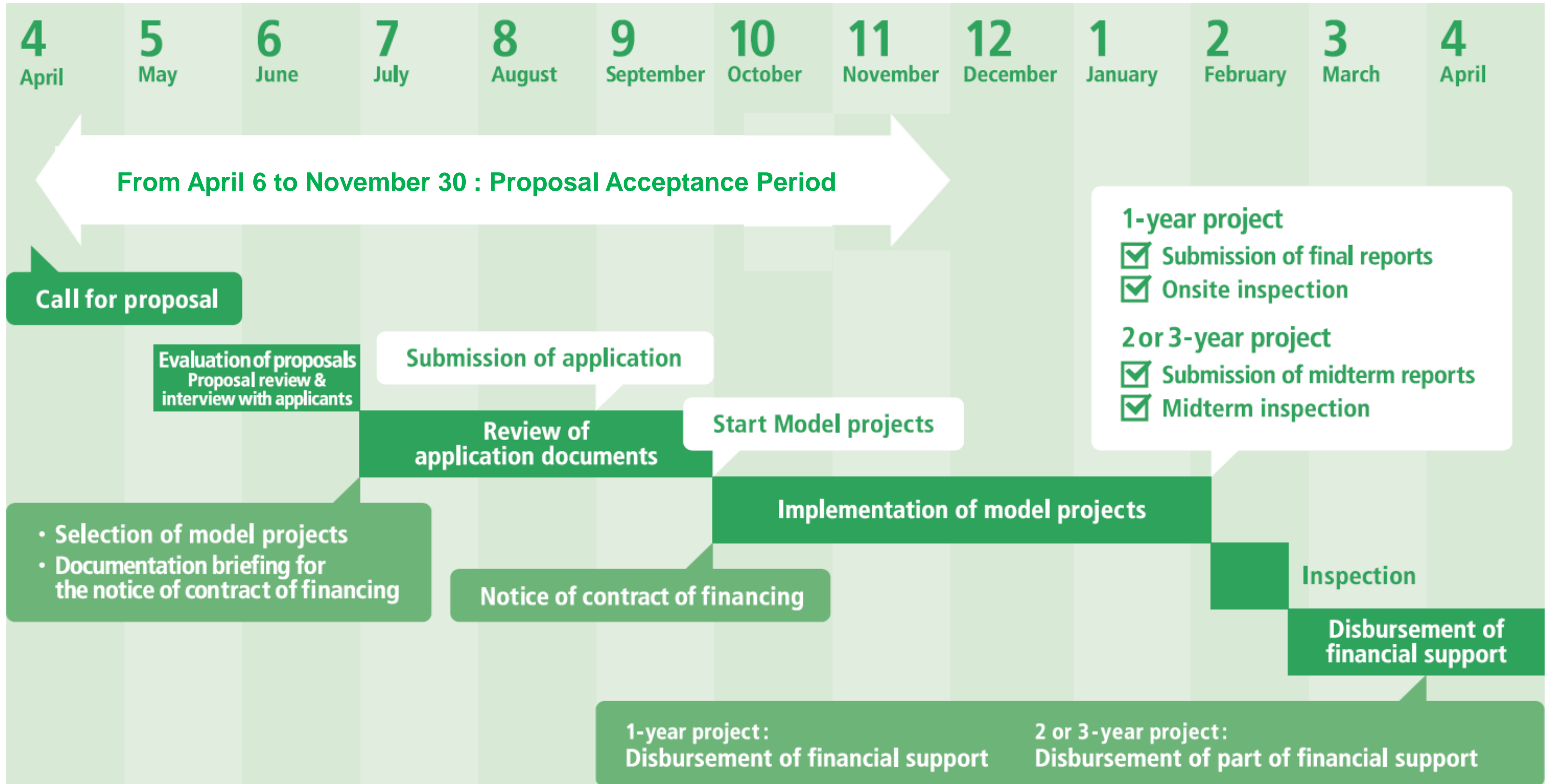


Tunisia
Aug. 26, 2022
(Tunis)

Financing Programme for JCM Model Projects



JCM Model Projects Schedule in FY2023



Development Step

Matching with a Japanese Partner



Development of proposal and submission to GEC



Share PIN with Partner country and confirmation of no objection ※PIN: Project Idea Note



Announcement of preliminary selection result



Development of application documents for contract of finance and submission to GEC



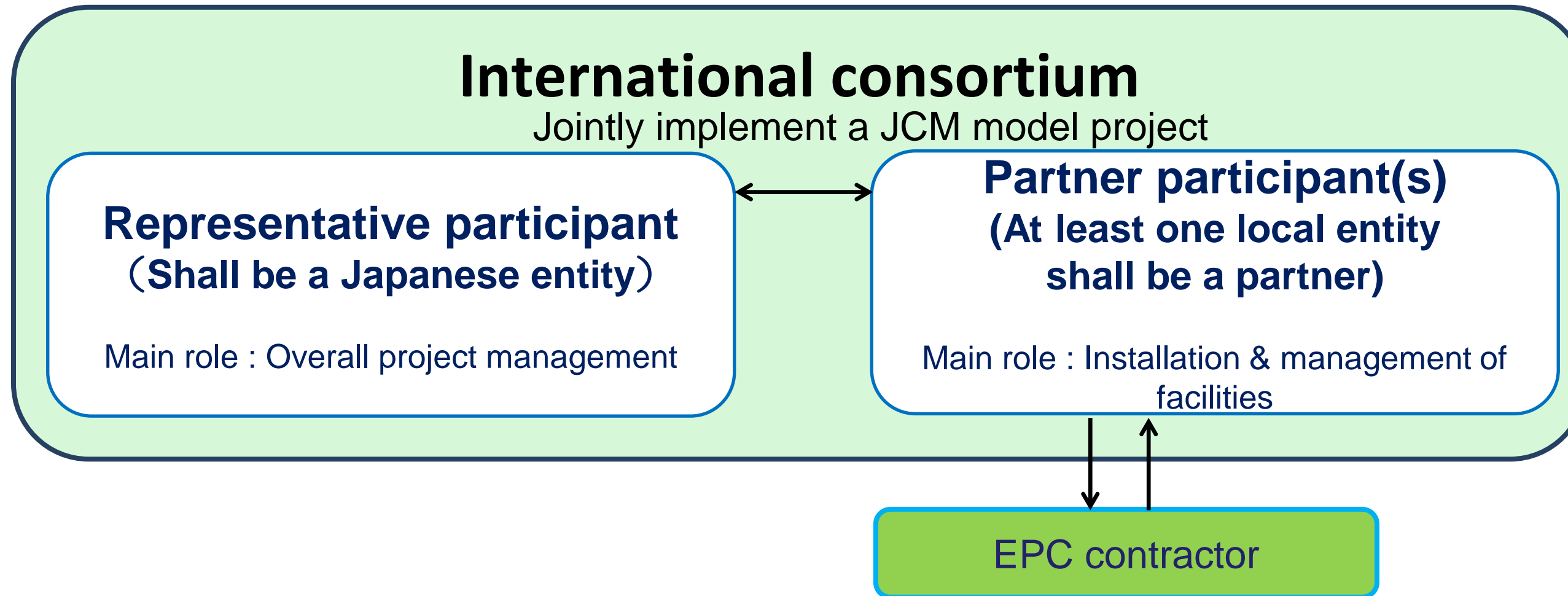
Conclusion of the contract of finance



Starting the JCM Model Project

Budget	<p>Approx. USD100million for FY2023 *Applied Exchange Rate JPY150/USD</p>
Executing Entity	<p>International Consortium that consists of a Japanese entity and a JCM partner-country entity (ies)</p>
Scope of Financing	<p>Facilities, equipment, vehicles, etc. which reduce CO2 from fossil fuel combustion as well as construction cost for installing those facilities, etc.</p>
Eligible Projects	<p>Start installation after the Contract of Finance is concluded and finish installation within 3 years.</p>
Maximum percentage of Financial Support	<p>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.</p>
Cost-effectiveness	<p>Cost-effectiveness of GHG emission reductions is expected to be JPY 4,000/tCO2eq or lower. Details are referred in later slide</p>

Suggested size of one model project is within USD1.3 million

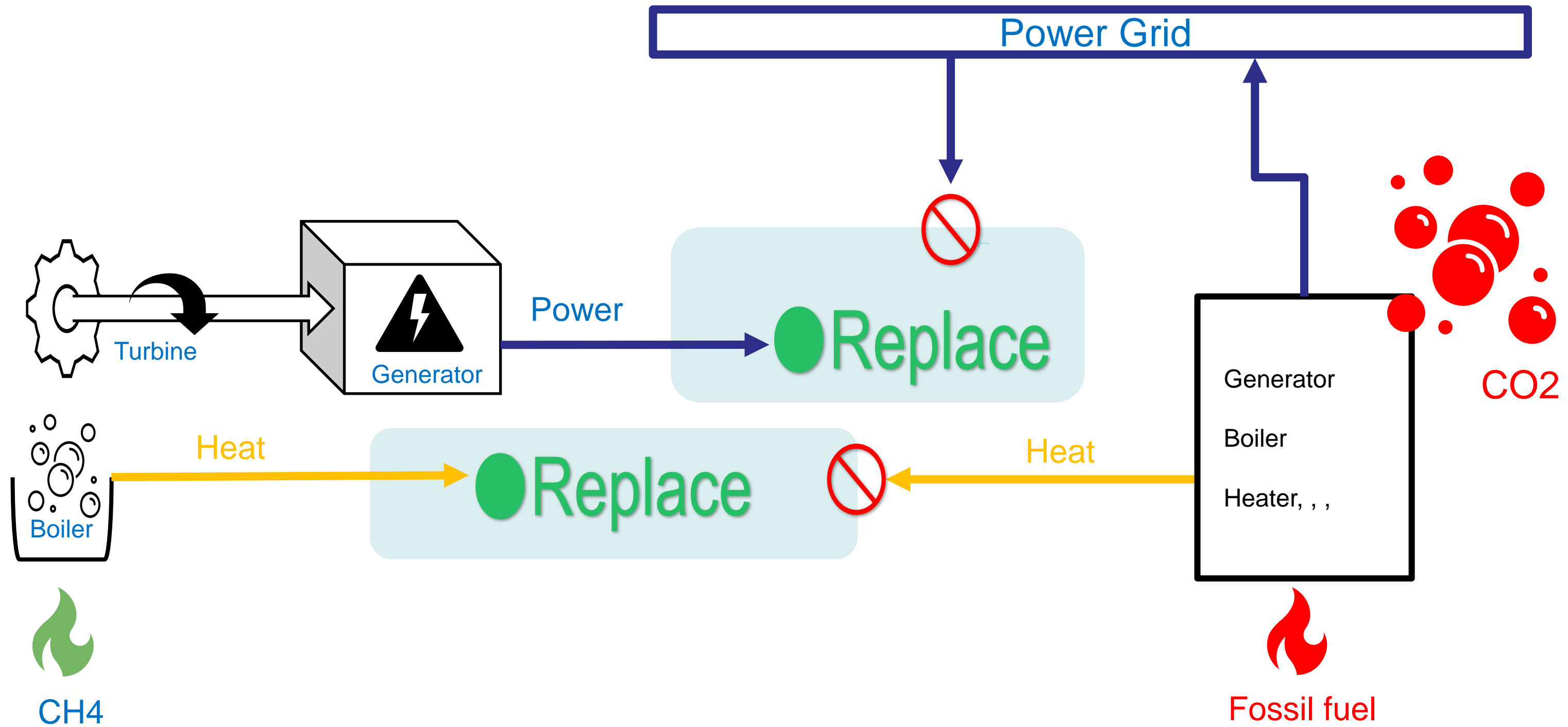


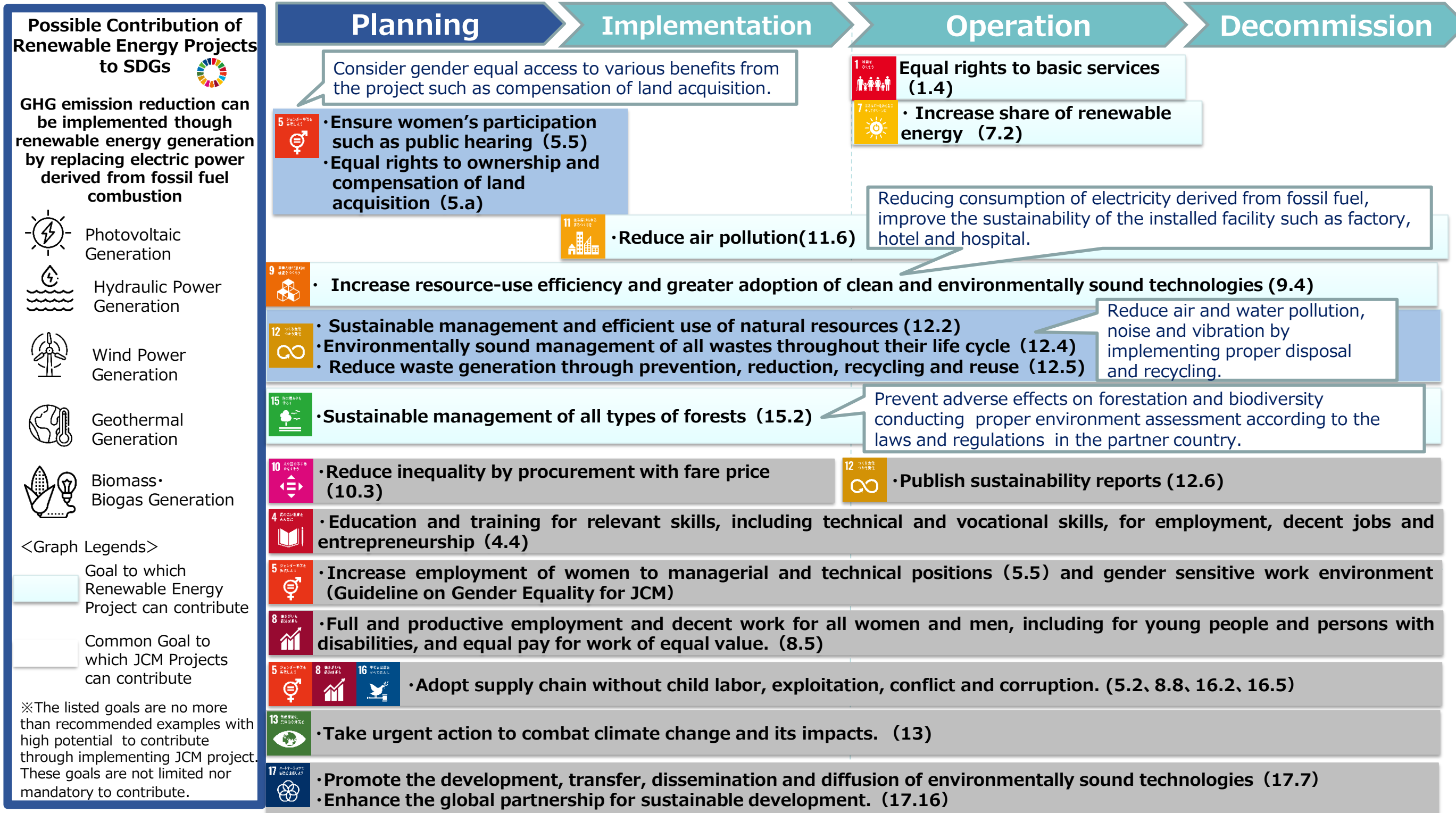
➤ Consortium must include both an owner and user of facility installed by the model project.

What kind of projects are supported by Financing Programme?

⇒ Excerpt from Guidelines for Submitting Proposals
[\(tentative\)2023 Guidelines for Submitting Proposals.pdf \(gec.jp\)](#)

- (a) Projects that reduce energy-related CO₂ emissions with leading decarbonizing technologies in the partner countries or developing countries, with which Japan has signed, and that are expected to contribute to achieving Japan's NDC through the JCM;
- (b) Projects contribute to realization of SDGs (Sustainable Development Goals). The installation and operation of the facilities/equipment shall comply with the relevant laws and regulations of the partner country and international practices and guidelines regarding the environmental and human rights protection.
- (c) Reduction of GHG emissions achieved by the projects can be quantitatively calculated and verified.





Maximum Percentage of Financial Support

Number of selected project(s) using a similar technology in each country	Percentage of financial support
0	Up to 50%
1 to 3	Up to 40%
More than 3	Up to 30%

- 10% flat for JCM Eco Lease Scheme

Sector	Technology	Mongo	Bangla	Ethiopi	Kenya	Maldiv	Viet	Lao	Indon	Costa	Palau	Camb	Mexico	Saudi	Chile	Myan	Thaila	Philipp		
		MN	BD	ET	KE	MV	VN	LA	ID	CR	PW	KH	MX	SA	CL	MM	TH	PH		
1. Energy Efficiency	Air Conditioning System						4		2								1		7	
	Chiller		2				5		5	1		1					5		19	
	Refrigerator								1							2	4		7	
	Absorption Chiller Using Waste Heat								2									2	4	
	Swirling Induction Type Air-Fridge and Freezer Showcase																	1		1
	Boiler	2					2		4				1			2	3			14
	Heat Medium Boiler								1											1
	Double Bundle-type Heat Pump						1		1									1		3
	Water Heater Using Waste Heat									1										1
	Waste Heat Recovery System															2	1			3
	Heat Exchanger																	1		1
	Transformer						4	2												6
	LED Lighting									2								1		3
	LED Lighting with Dimming System						2		1				1							4
	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
	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									2										2	
Multi-effect Distillation System													1						1	
Injection Molding Machine									1										1	
2. Renewable Energy	Solar Power Plant	5	1	1	4	1	14	3	8	1	5	3	2	2	12	1	25	7	95	
	Solar Power Plant with Battery								1								1		2	
	Small Hydropower Plant						1		11									1	13	
	Wind Power Plant						1												0	
	Geothermal Power (Binary)																	3	3	
	Geothermal Power (Flush)																	1	1	
	Biomass Power Plant						1		1						1	1			4	
	Biogas Power Plant																	1	1	
	Biomass boiler						2											2	4	
	Biogas boiler																1	1	2	
3. Effective Use of Energy	Biomass Co-generation																1		1	
	Power Generation by Waste Heat								1							1	2		4	
4. Waste Handling and	Gas Co-generation								2								4		6	
	Waste-to-Energy Plant						1									1			2	
5. Transportation	Power Generation by Methane											1							1	
	Digital Tachograph System						1												1	
	CNG-Diesel Hybrid Bus								1										1	
	Reefer Container						1												1	
Total	Number of technology : 49	7	4	1	4	1	47	5	53	3	5	6	5	3	13	11	61	14	243	

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.

Solar power projects in Mongolia, Indonesia, Palau and Philippine
Chiller projects in Viet Nam Indonesia, and Thailand

JPY2,500/tCO₂equivalent

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

Solar power projects in Viet Nam and Chile
Hydropower projects in Indonesia

JPY2,000/tCO₂equivalent

In case the number of similar technological Projects in each country is 20 or more.

NOTE: Cost effectiveness guide for a solar power project : 2,500JPY/tCo₂eq
Hydropower project : 500JPY/tCo₂eq

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.

★JCM Eco Lease scheme: Monitoring period is equal to the leasing period (Minimum five years)

- Implement a project to reduce GHG emissions utilizing leading decarbonizing technologies
- Conduct **Measurement, Reporting and Verification** (MRV) of GHG emission reductions.
- Procedures for the issuance of JCM credits;

(a) Registration as JCM Project

Application for registration should be conducted within 1 year from the start of the operation of the facilities/equipment introduced by the project.

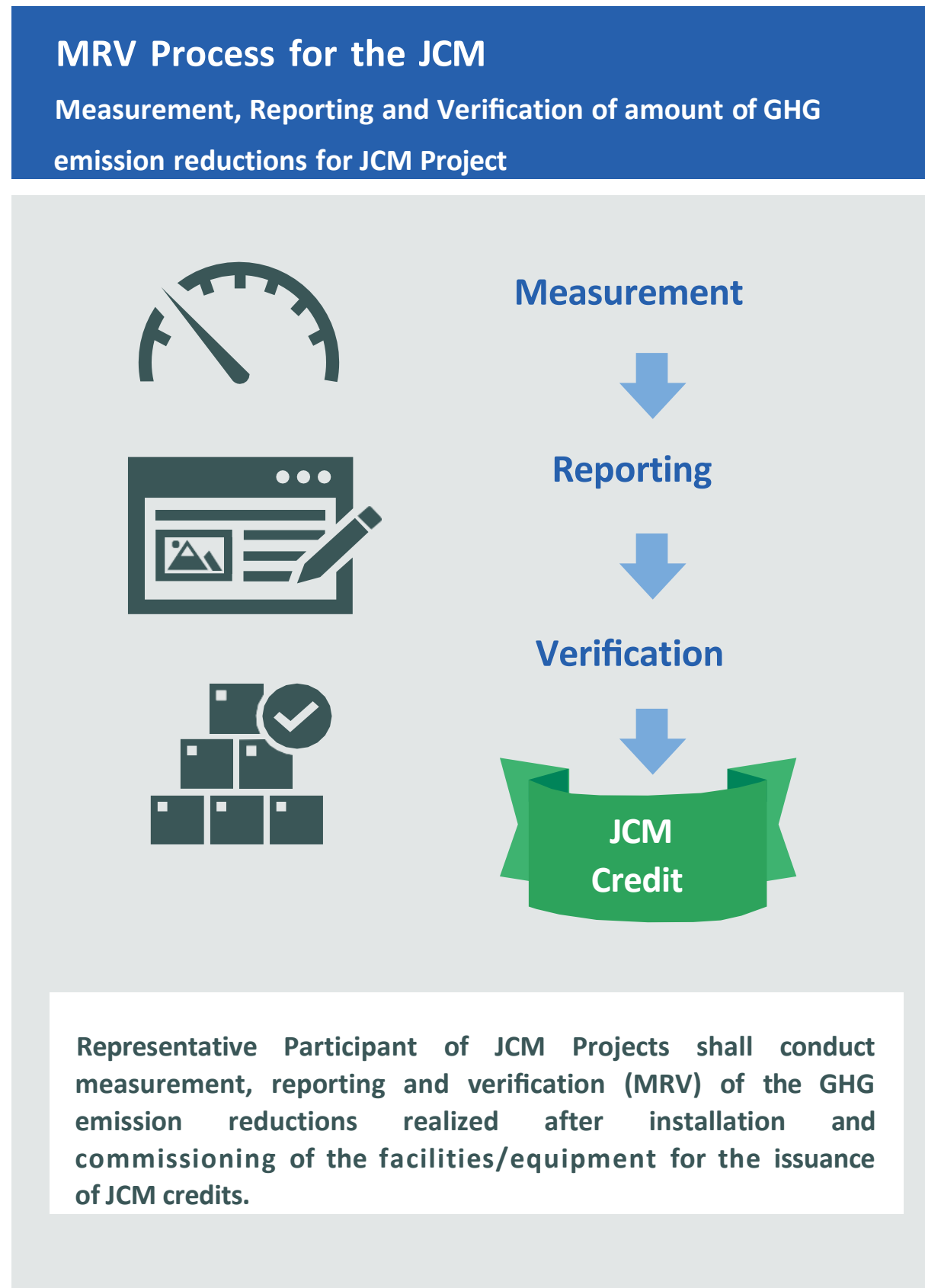
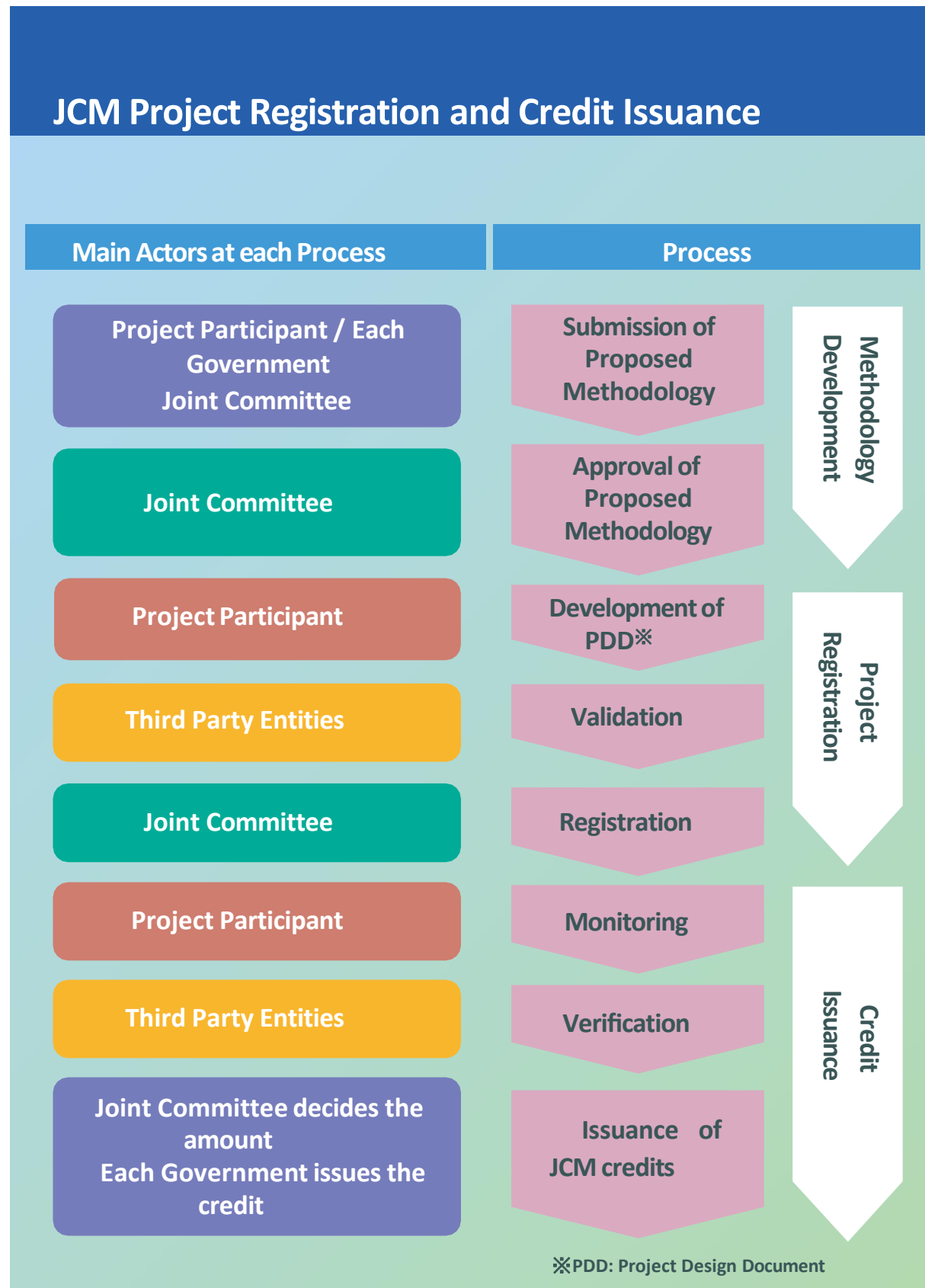
(b) Monitoring

Participants shall conduct monitoring to quantitate the effects of the facilities/equipment on GHG emission reductions based on a MRV methodology approved or expected to be approved by the Joint Committee.

(C) Issuance of JCM Credits

Participants shall request for issuance of JCM credits by using the monitoring results. The issuance includes development of a monitoring report, verification by a TPE, and submission of “JCM Credits Issuance Request” to a JCM Joint Committee.

The Participants shall deliver the issued JCM Credits with the percentage decided by the Ministry of the Environment, Japan to the account of Japanese government.



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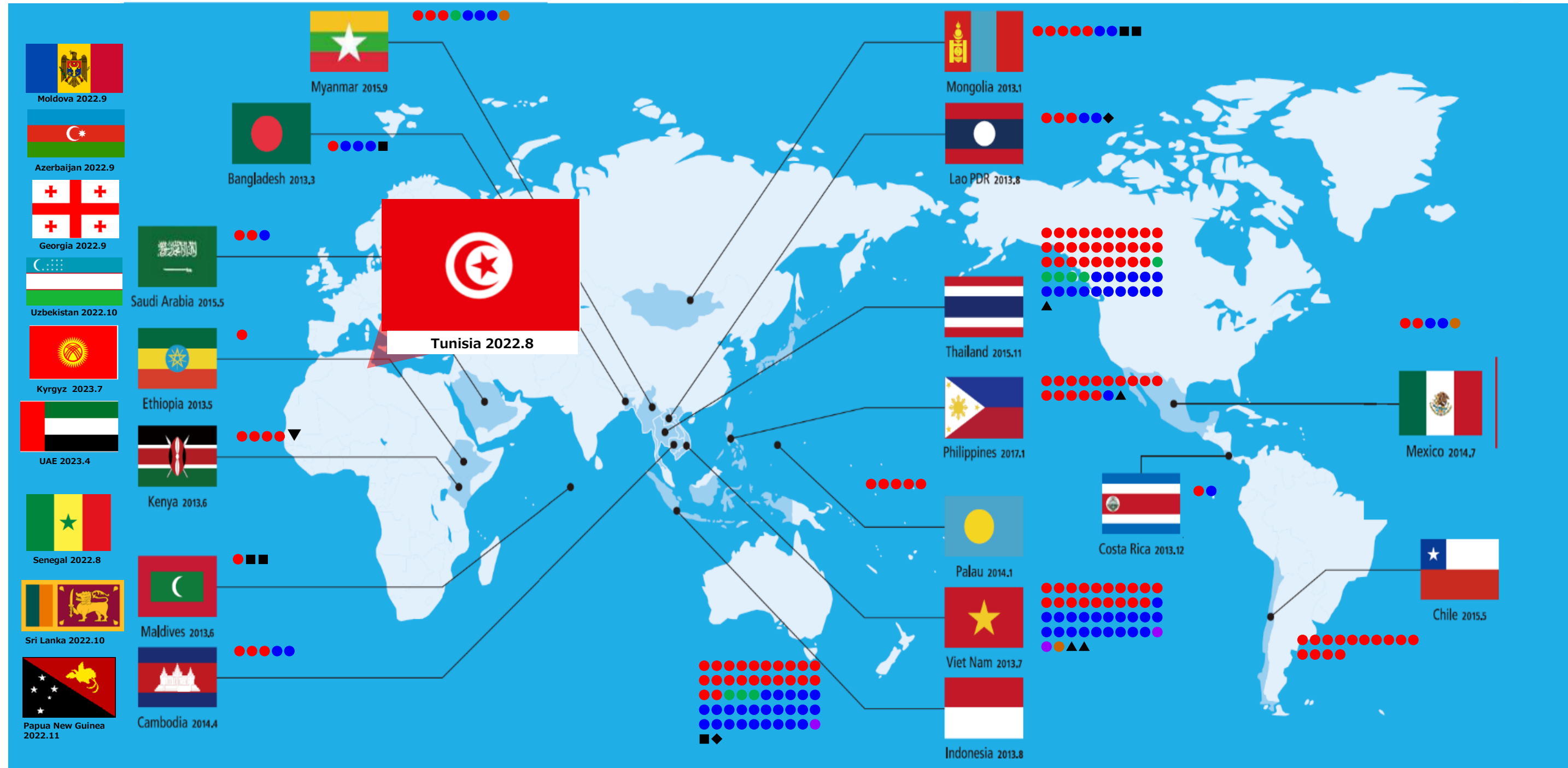
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- Conclusion



Total 235 projects / 27 countries

(● Model Project:222, ■ ADB:6, ◆ REDD+:2, ▲ F-gas:4, UNIDO▼:1)

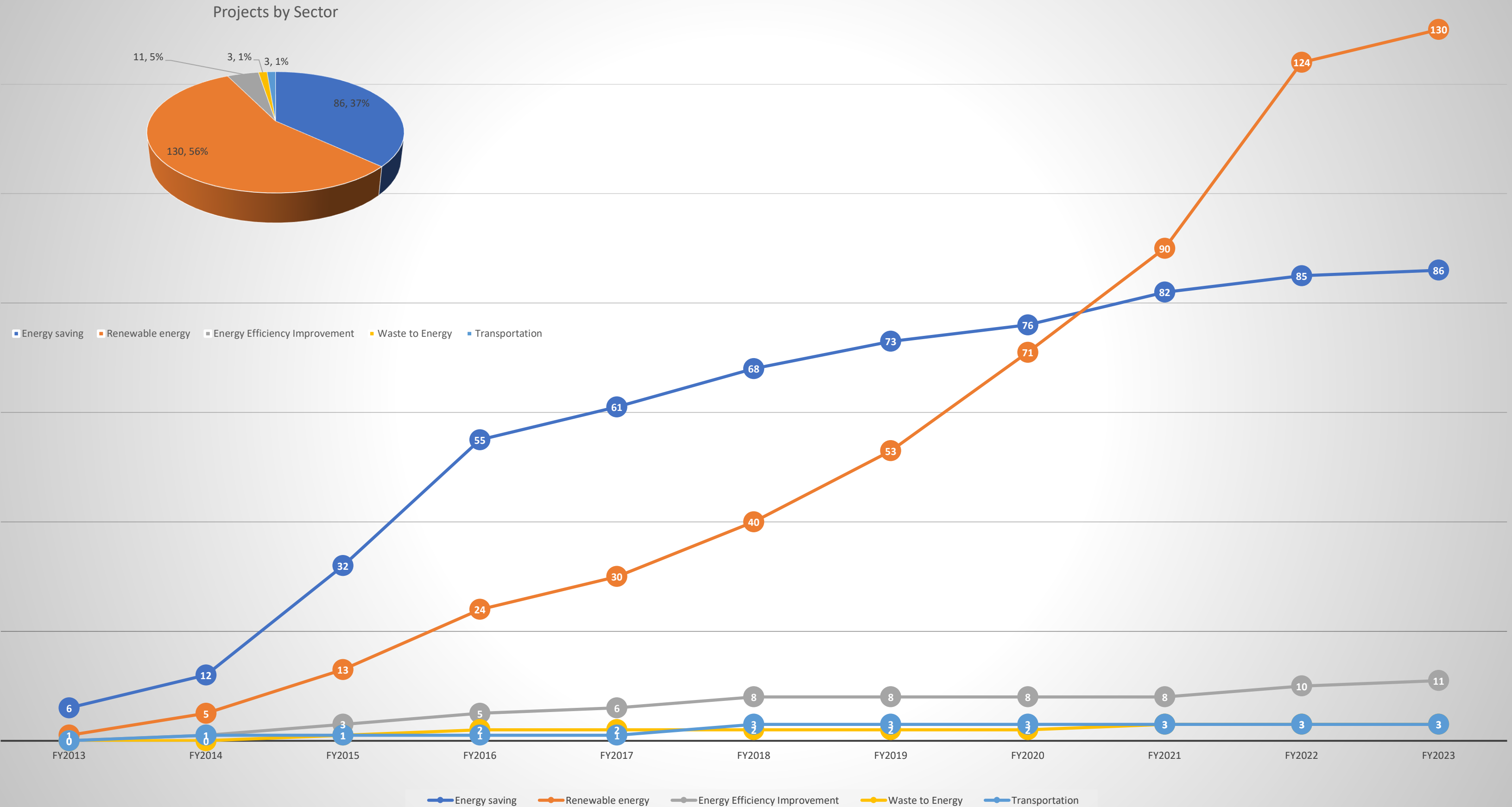
- Renewable Energy
- Effective Use of Energy
- Energy Efficiency
- Transport
- Waste Handling and Disposal

Partner Country	Representative Participant	Project Name	Sector	Estimated GHG Reduction (tCO ₂ /year)
Mexico	BOT Lease Co., Ltd.	Introduction of 0.5MW Rooftop Solar Power System to Automotive Parts Factory (JCM Eco Lease Scheme)	Renewable Energy	392
Philippines	Global Engineering Co., Ltd.	Introduction of 6MW Power Generation System by Waste Heat Recovery for Cement Plant	Effective Use of Energy	21,245
Philippines	Kyuden International Corporation	27MW Solar Power Project in Dagohoy, Bohol Island	Renewable Energy	20,395
Philippines	Tokyo Century Corporation	Introduction of 1.2MW Rooftop Solar Power System to Electronic Equipment Assembly Factory (JCM Eco Lease Scheme)	Renewable Energy	697
Indonesia	AURA Green Energy Co.,Ltd	12MW Biomass Power Plant Project in Aceh Province, Sumatera	Renewable Energy	33,573
Indonesia	AGC Inc.	Improvement of Combustion Method and Furnace Shapes in Flat Glass Production Melting Furnace	Energy Efficiency Improvement	5,747
Indonesia	Alamport Inc.	Introduction of 3MW Rooftop Solar Power System to Paper Factory in Java Island	Renewable Energy	2,182
Chile	Farmland Co., Ltd.	26.3MW Solar Power and 48 MWh Storage Battery Project Utilizing Farmland in the Metropolitan Area and O'Higgins Region	Renewable Energy	20,197

Newly selected Representative Participant

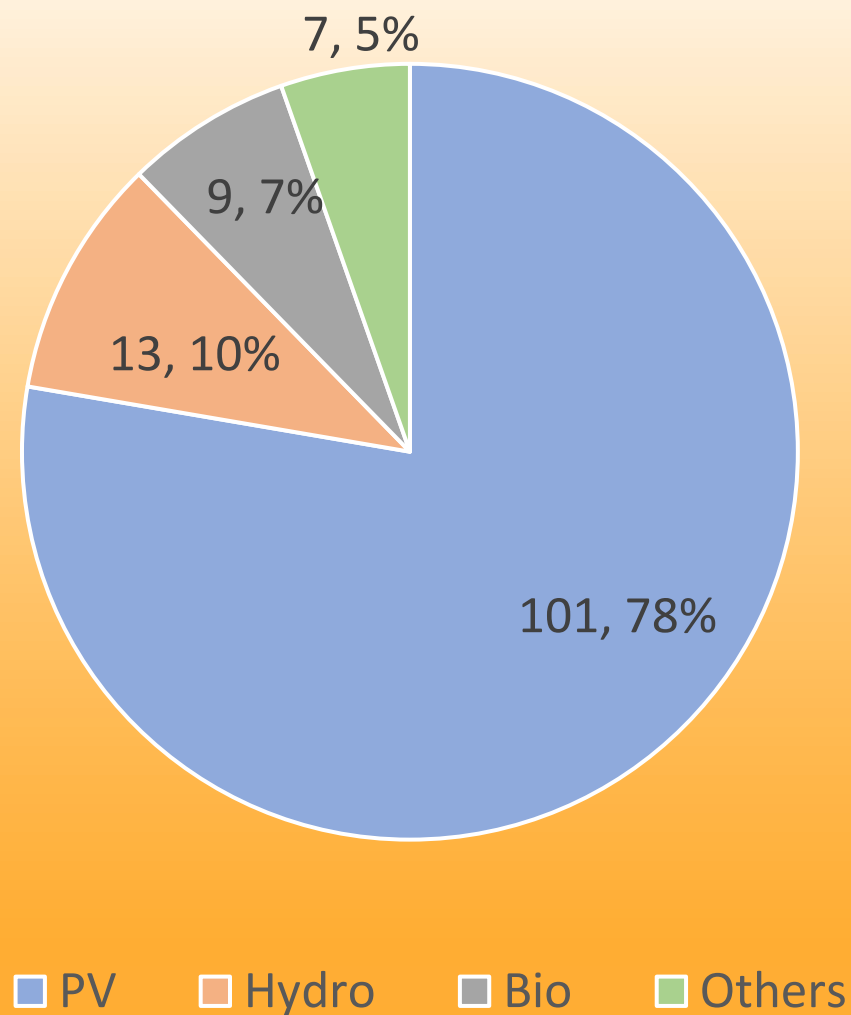
Please wait for the next selection result!

Projects by Sector

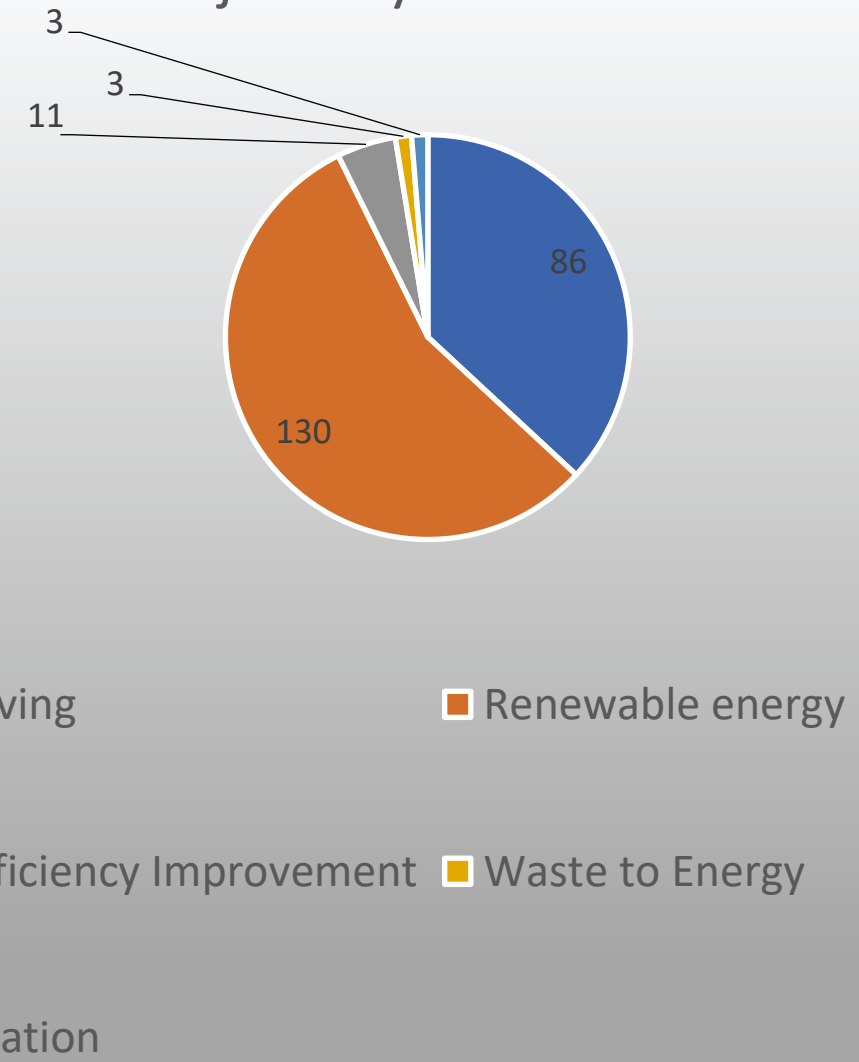


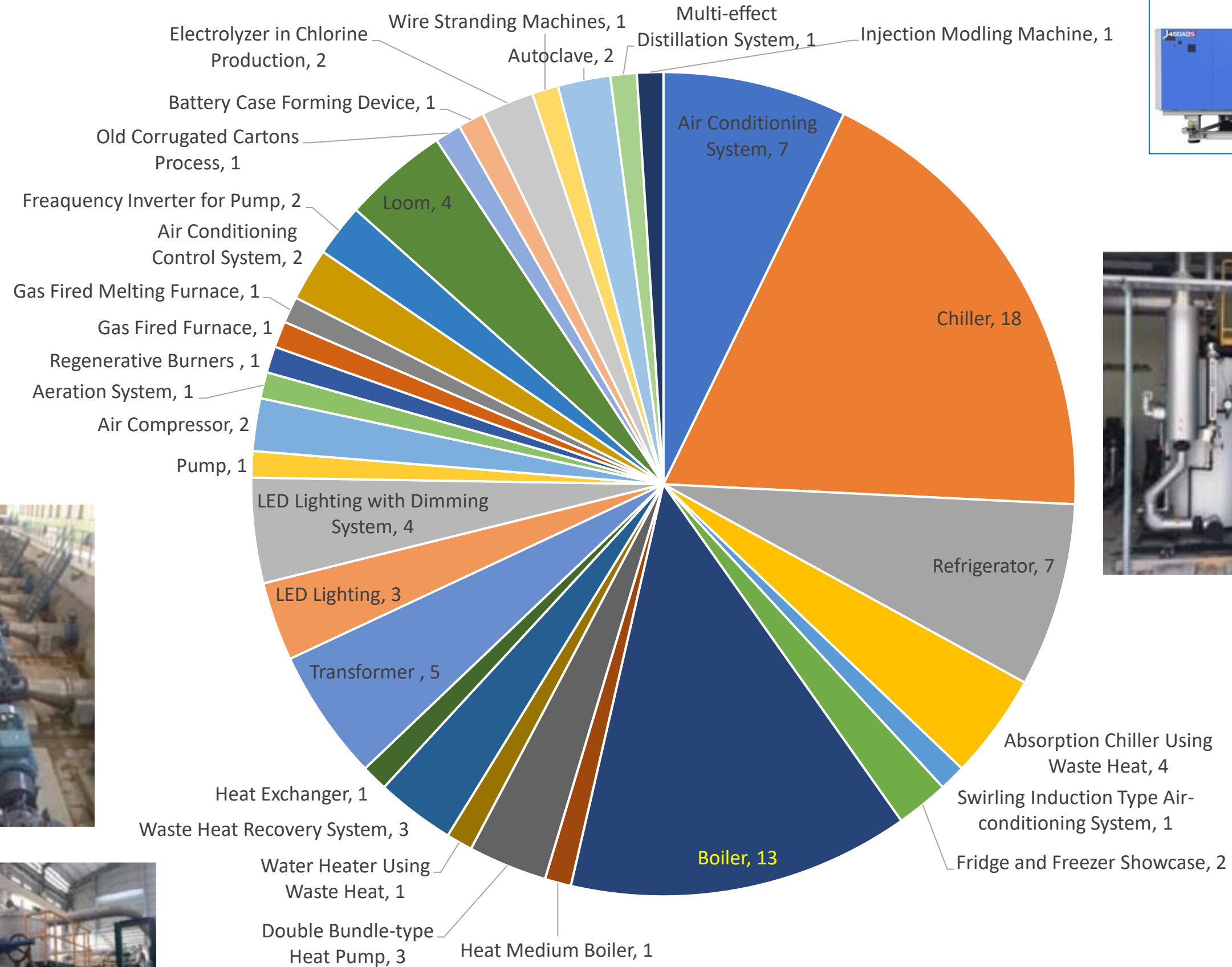
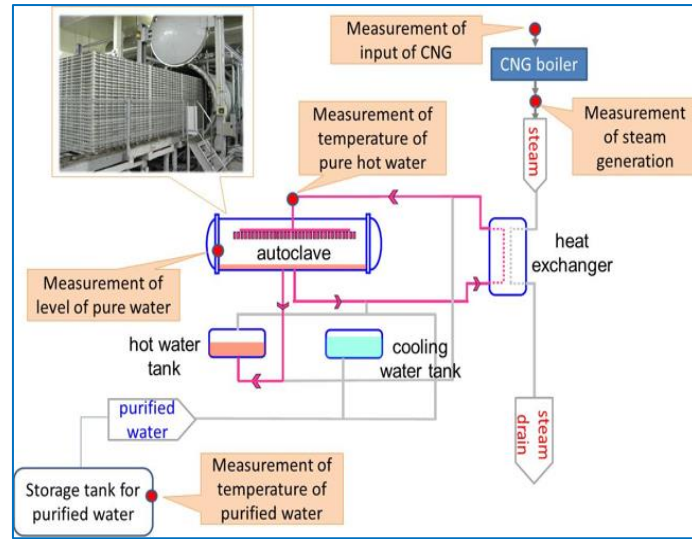


Renewable Energy Sector



Projects by Sector

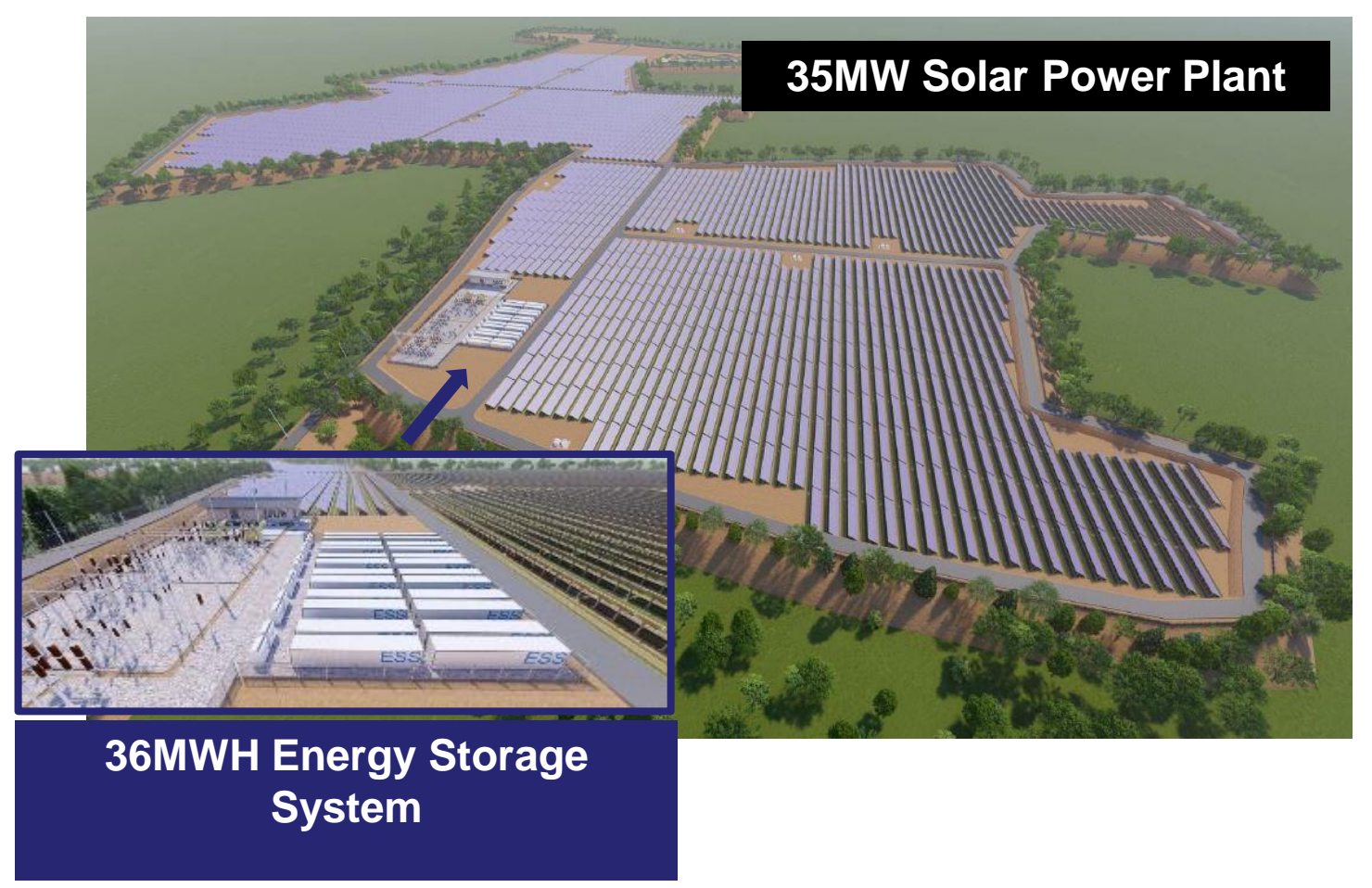




35MW Solar Power and Storage Battery Project in Suphanburi Province PP (Japan): Kanematsu KGK Corp. PP (Thailand): Blue Solar Co., Ltd., Blue Solar Farm 2 Co., Ltd.

Outline of GHG Mitigation Activity

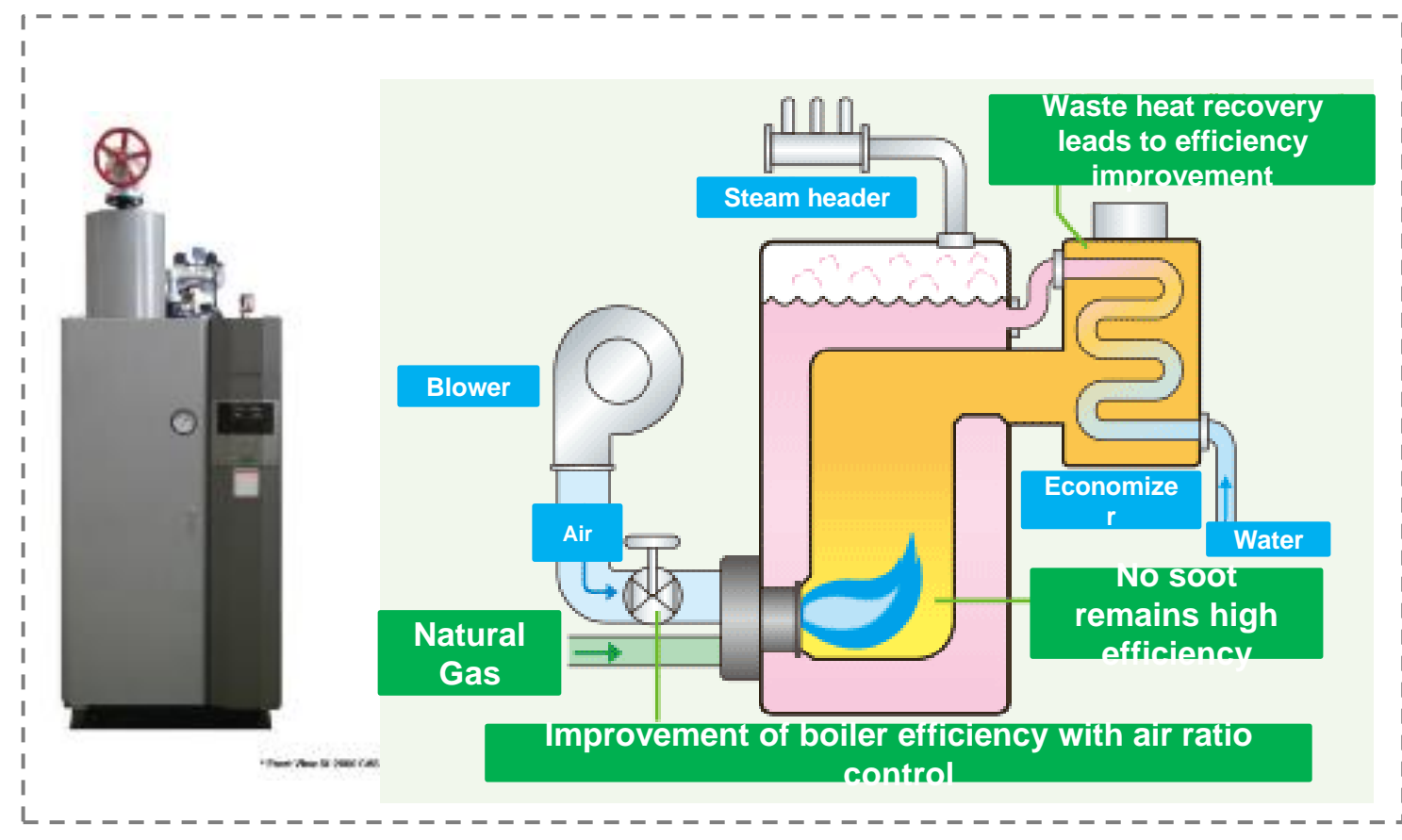
This project installs 35MW solar power system and 36MWH energy storage system in Suphanburi province. The electricity generated by solar power utilizes storage batteries to supply electricity to the grid systematically. In daytime, the plant supplies electricity to the grid, and charged power is supplied to the grid during evening time. The project contributes to Thailand's target to reduce greenhouse gas (GHG) emissions by shifting power resource to renewable energy from fossil fuel.



Introduction of High-efficiency Once-through Boiler System to Chemical Factory PP (Japan): DIC Corporation, PP (Indonesia): PT. DIC GRAPHICS

Outline of GHG Mitigation Activity

This project reduces energy consumption and greenhouse gas (GHG) emissions by installing natural gas-fired high-efficiency once-through boiler system in the factory where coal-fired boiler mainly has been used.

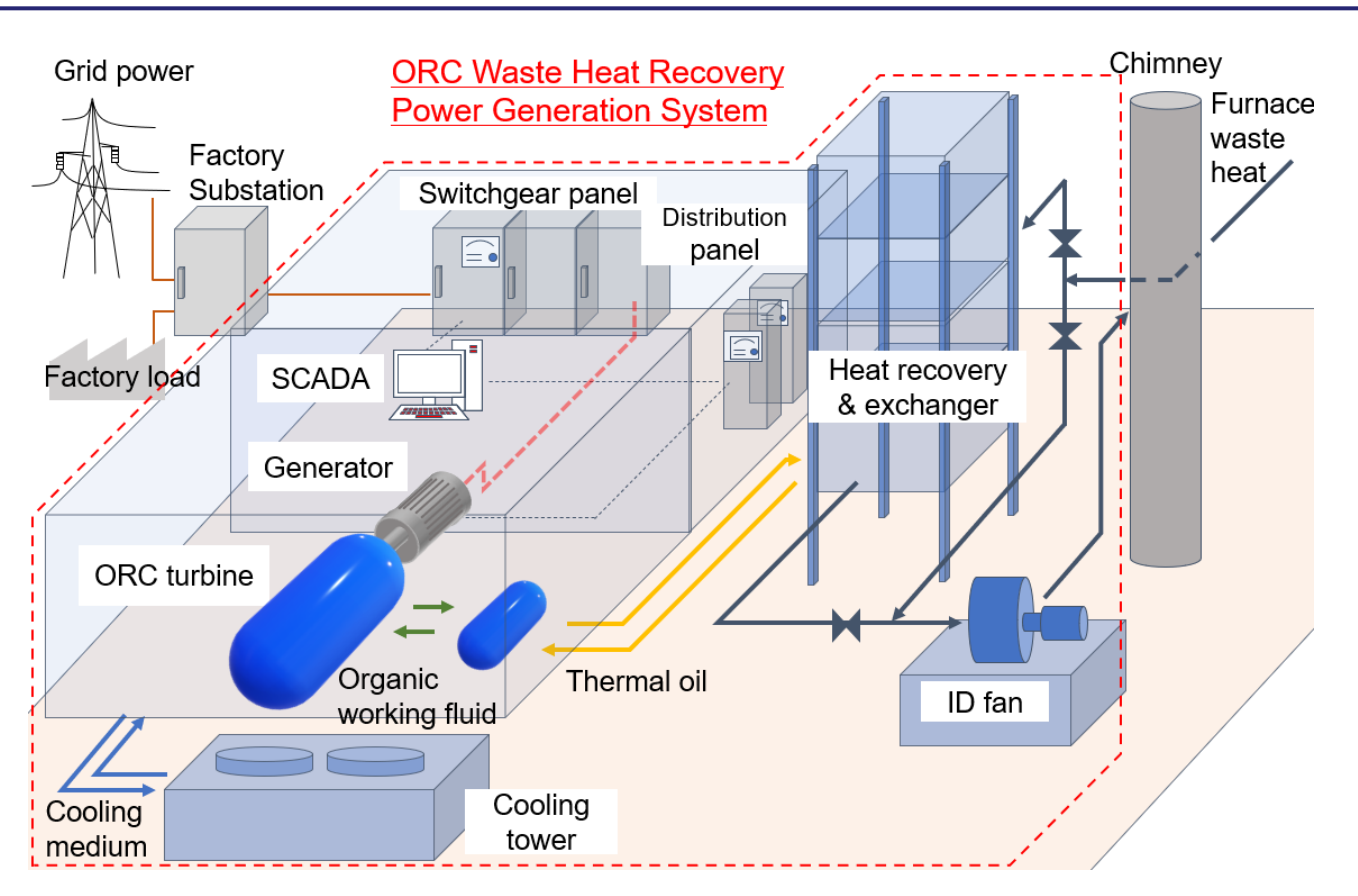


**Introduction of ORC Waste Heat Recovery Power Generation System to Flat Glass Factory
PP (Japan): AGC Inc. , PP (Thailand): AGC Flat Glass (Thailand) Plc.**

Outline of GHG Mitigation Activity

A 1.8MW class ORC* waste heat recovery power generation system is introduced to the flat glass manufacturing factory located in Samut Prakan province for self-consumption purposes. The system reduces greenhouse gas (GHG) emissions by substituting part of grid power consumption. This project contributes to the achievement of Thailand policy for energy saving and reduction of CO₂ emissions.

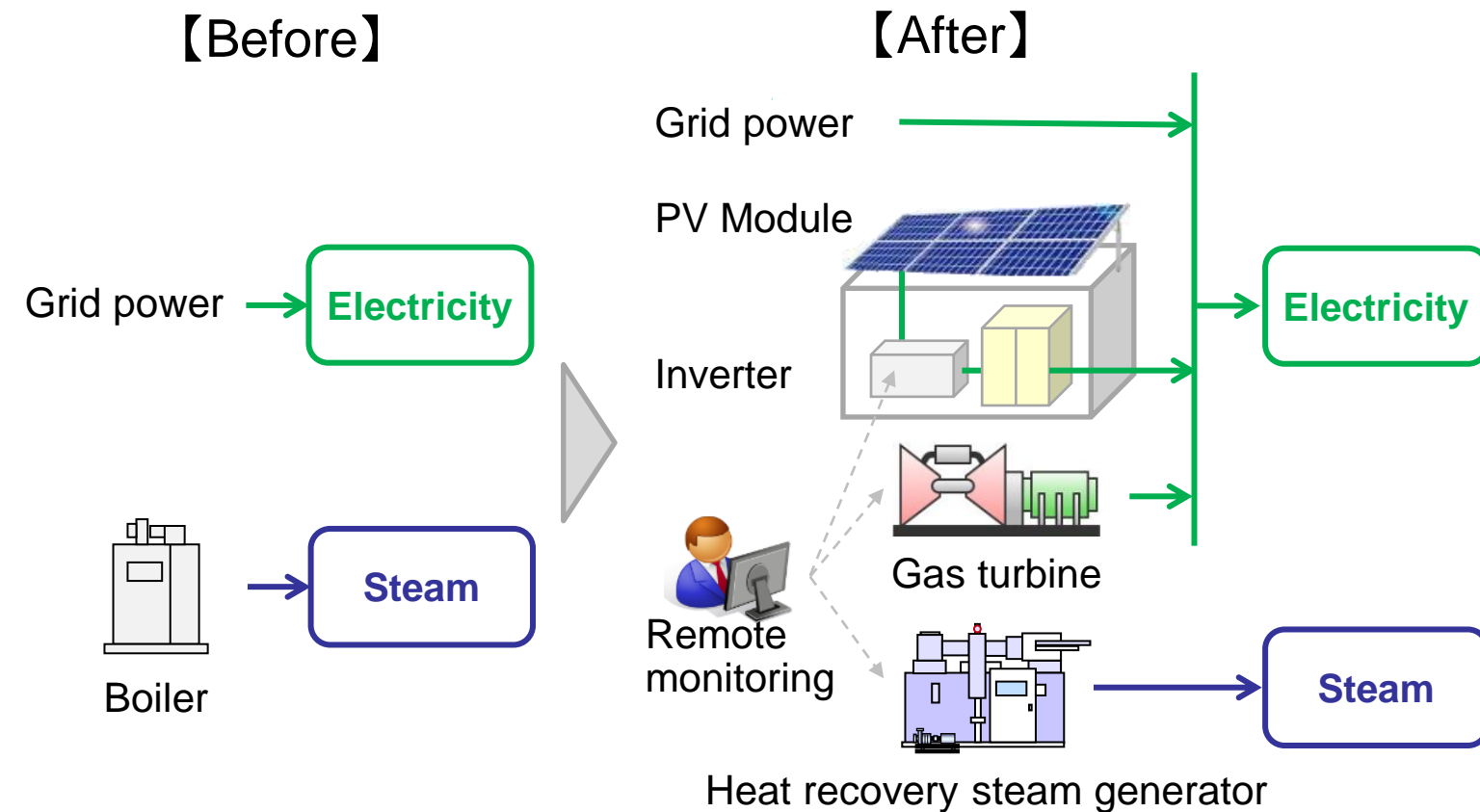
* ORC: Organic Rankine Cycle



**Introduction of Gas Co-generation System and 22MW Rooftop Solar Power System to Tire Factory
 PP (Japan): The Kansai Electric Power Company, Incorporated PP (Thailand): Kansai Energy
 Solutions (Thailand) Co., Ltd.**

Outline of GHG Mitigation Activity

A Gas Co-generation System (6.6MW class × 2 units) and a Rooftop Solar Power System (total of about 22 MW) are installed to the tire factory, and all the generated power and steam are supplied to replace those consumed in the factory. These high-efficient systems and renewable energy sources realize energy saving, stable energy supply, and reduction in green house gas (GHG) emissions.

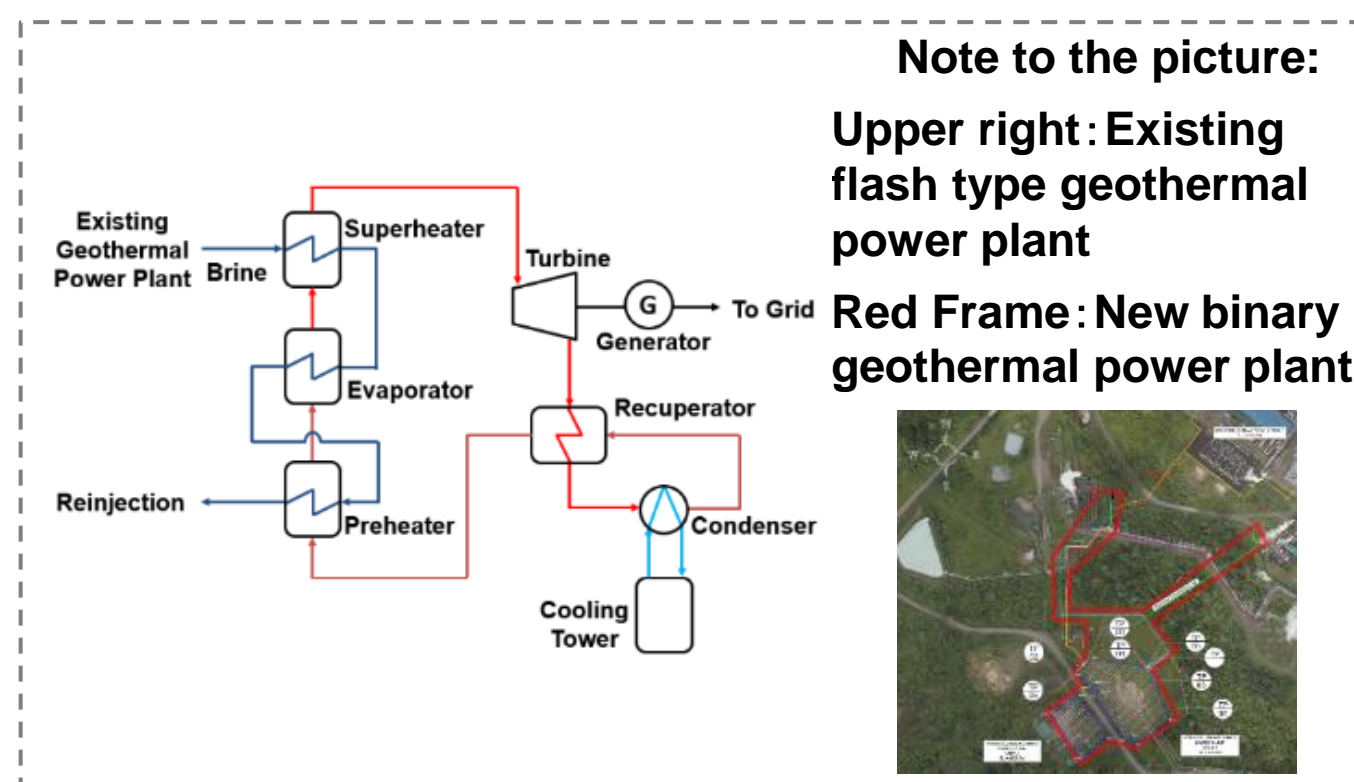


28MW Binary Power Generation Project at Mahanagdong Geothermal Power Plant PP (Japan): JGC Corporation PP (Philippines): Energy Development Corporation

Outline of GHG Mitigation Activity

The project involves the introduction of a new 28 MW binary geothermal power plant to the existing 120 MW flash geothermal power plant owned and operated by the partner participant in the Mahanagdong district of Leyte Island. As a superior decarbonization technology, Organic Rankine Cycle technology is adopted to enable geothermal power generation at relatively low temperatures, resulting in clean and stable power generation.

This project contributes to the achievement of Philippines' policy for a renewable energy ratio target of 35% in 2030.

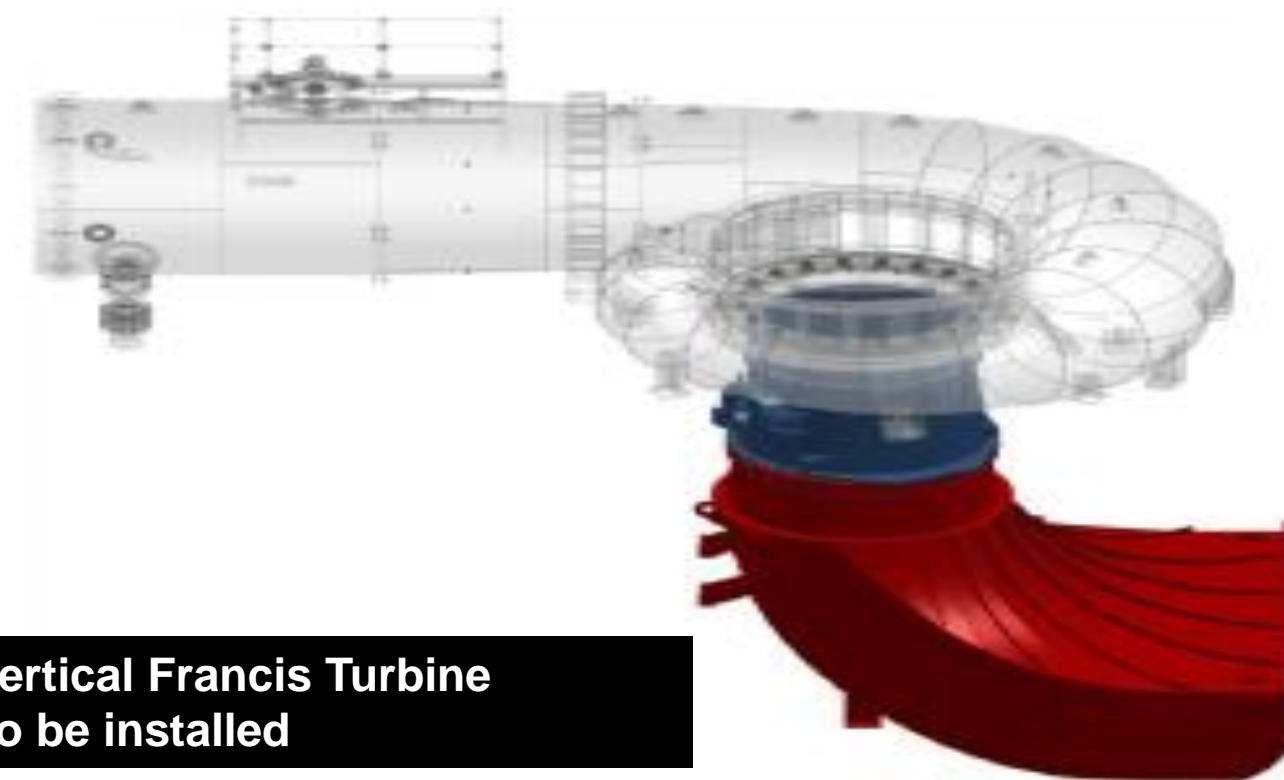


16MW Mini Hydro Power Plant Project in Binh Thuan Province

PP (Japan): Kanematsu KGK Corp. PP (Vietnam): SONG LUY ENERGY JOINT STOCK COMPANY.

Outline of GHG Mitigation Activity

This project installs 16MW (2 of 8MW) mini hydro power plant systems with Vertical Francis Turbines in Binh Thuan Province. The electricity generated by the hydro power plant is sold to the grid. The project contributes to Vietnam's target to reduce greenhouse gas (GHG) emissions by replacing grid power for renewable energy. This project also contributes to growths in energy supply and economy in the region.



**Vertical Francis Turbine
To be installed**

20MW Biomass Power Plant Project in Hau Giang Province

PP (Japan): eREX Co., Ltd., PP (Vietnam): Hau Giang Bioenergy Joint Stock Company

Outline of GHG Mitigation Activity

In Hau Giang Province, a 20 MW biomass power plant project is to generate power by burning rice husks produced in the adjacencies. The electricity is sold to the Vietnam Electricity to replace the grid power and to reduce greenhouse gas (GHG) emissions.

This is the first biomass power plant for commercial use in Vietnam and contributes to the country to achieve its Paris Agreement goal to "reduce greenhouse gas emissions by 9% in 2030 compared to cases where no counter measures are taken."



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JCM Global Match enhances the efficiency of your project development specializing in the JCM financing programme.



3 things you can do at “JCM Global Match”

After registration, you can...



Potential partner

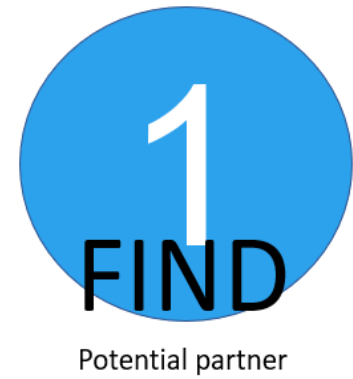


Your company to
other users



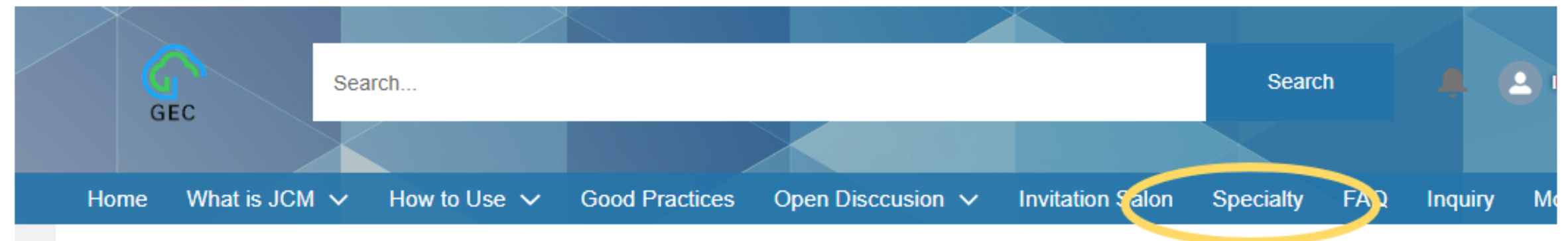
Your business plan

2. 3 things you can do at “JCM Global Match”

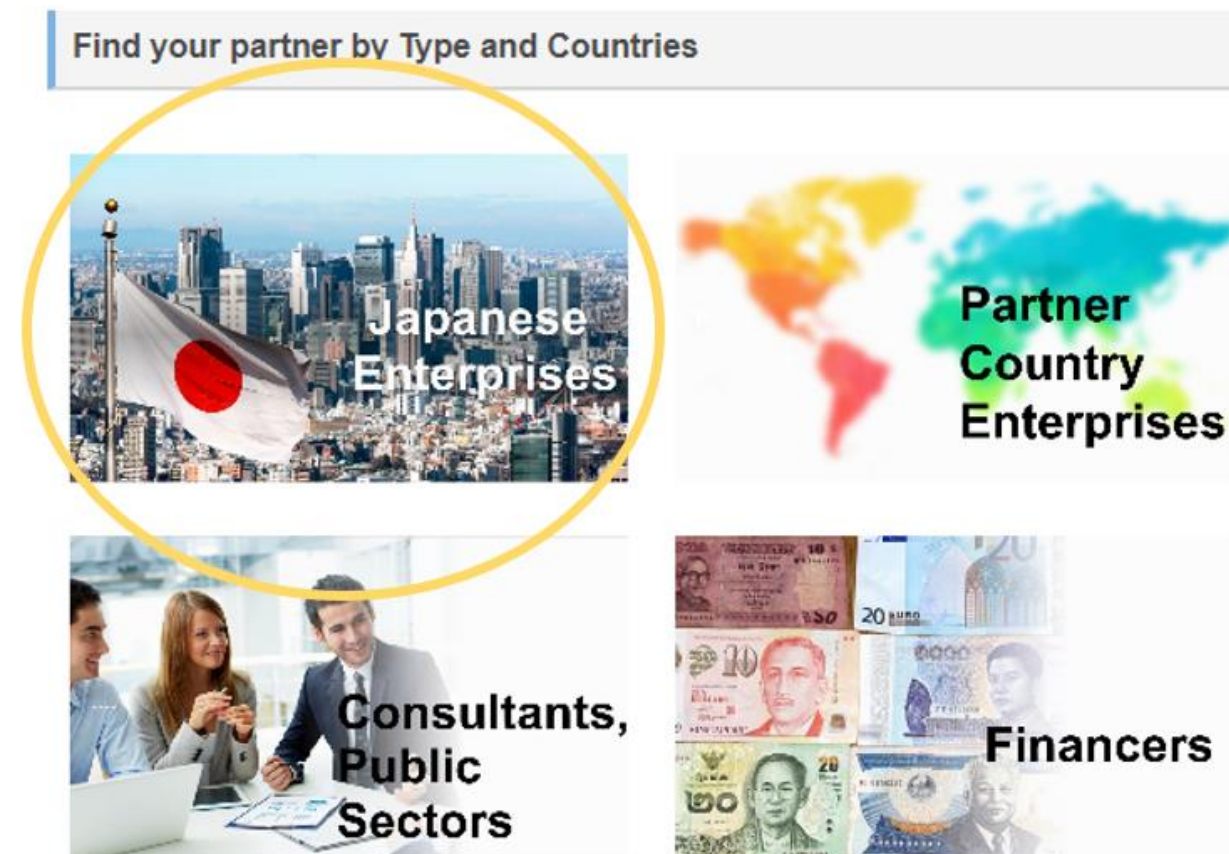


You can also obtain company lists by 2 ways.

*Menu bar



*Top page



2. 3 things you can do at “JCM Global Match”

2
ADVERTISE
Your company to other users

To promote better,
you can create

“My specialties”
card after registration.

The screenshot displays the JCM Global Match website interface. At the top, a navigation bar includes 'Home', 'What is JCM', 'How to Use', and 'Good'. Below this, a section titled 'Find your partner by Type and Countries' features four categories: 'Japanese Enterprises' (with a Japanese flag and cityscape), 'Partner Country Enterprises' (with a world map), 'Consultants, Public Sectors' (with a business meeting), and 'Financial' (with various banknotes). A 'Your Company's Specialities' section contains a 'Register My Specialities' button (circled in yellow) and an 'Edit M' button. To the right, a 'Create a Specialites' form is shown with fields for 'Specialities Name', 'Country of origin', and 'PR (Key words)'. A blue speech bubble labeled 'Select' points to the 'Specialities Name' dropdown menu, and another blue speech bubble labeled 'Write' points to the 'Country of origin' text input field. A yellow arrow points from the 'Register My Specialities' button to the form.

How to register/publish "My Company's Specialities" (video)

2. 3 things you can do at “JCM Global Match”



“Open Discussion” is also the place you can advertise your products and services **freely**.

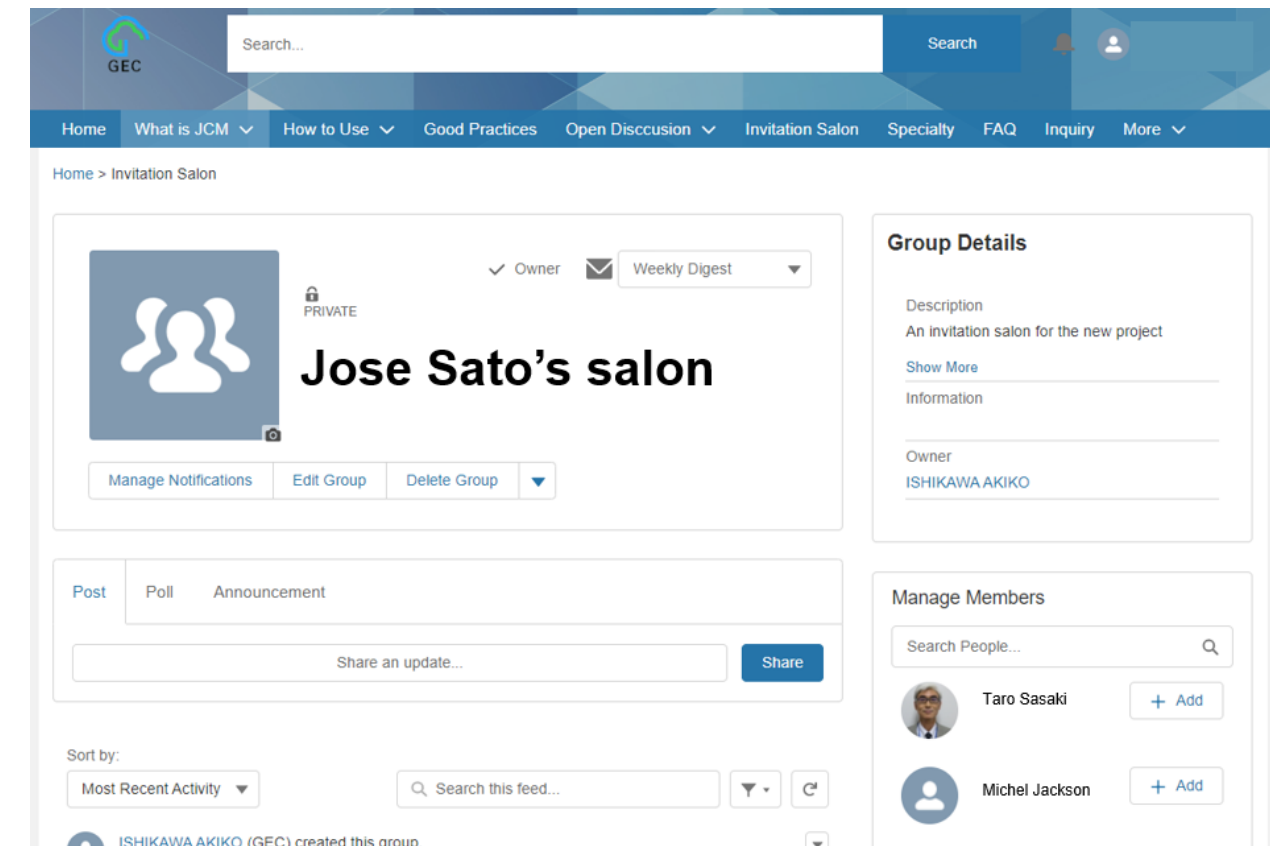
Open Discussion



Open Discussion by Country



Open Discussion by Technology



JCM Global Match

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



Please let any enterprize who may plan a JCM Model project in your country know about this information.

Consult GEC anytime during the year (except for evaluation period.)

Please fill out the Consultation Form which URL is shown here [GEC Consultation Form 2023 en.docx](#) as much as possible and send it to jcm-info@gec.jp for free of charge consultation online or offline. Your email title should be "Consultation on application for JCM Model Project (Your company name)."

GEC will support you by answering to your questions and offer practical advices on points like below:

➤ Sample points of consultation

- ✓ Definition of Eligible Project and advanced technologies
- ✓ International Consortium
- ✓ MRV methodologies to calculate reduction in GHG emission
- ✓ Legal durable years, maximum percentage of financial support, and cost effectiveness
- ✓ Plan to obtain necessary financing, concession, licenses, etc.
- ✓ Reasons financial soppurts are needed, Profitability

Consultation Form (part)

Global Environment Centre Foundation (GEC)^①
 Consultation Form for JCM Project and Co-innovation Project [FY2022]^②
*Please fill out the white space as much as possible.^③
 *Reference material - Guidelines for Submitting Proposals (Tentative translation) for JCM Project^④
[https://gec.jp/jcm/jp/kobo/r04/mp/\(tentative\)2022_Guidelines_for_Submitting_Proposals.pdf](https://gec.jp/jcm/jp/kobo/r04/mp/(tentative)2022_Guidelines_for_Submitting_Proposals.pdf)^⑤

Information of Consultation ^⑥	
Select for which project would you like to apply. ^⑦	<input type="checkbox"/> JCM Model Project ^⑧ <input type="checkbox"/> Co-innovation Project ^⑨ <input type="checkbox"/> Undecided ^⑩
ID No. ^⑪	<small>*For internal use^⑫</small>
Entry Date ^⑬	Click here to select a date ^⑭
Submission to GEC ^⑮	E-mailed on Click here to select a date / Meeting (at) ^⑯
Meeting attendee(s) ^⑰	^⑱ <small>*Please list the name(s) and organization(s).^⑲</small>
Past Consultation Date for the same project ^⑳	<input type="checkbox"/> First time ^㉑ <input type="checkbox"/> () times + Previous Consultation Date : Click here to select a date ^㉒
GEC responder ^㉓	<small>*For internal use^㉔</small>
Project Information Provided by ^㉕	
Company name ^㉖	^㉗
Department/division ^㉘	^㉙
Your name ^㉚	^㉛
E-mail address ^㉜	^㉝
Phone No. ^㉞	<small>*Country code + local number^㉟</small>
Project Information ^㊱	
Application target ^㊲	<input type="checkbox"/> FY2022 <input type="checkbox"/> FY2023 <input type="checkbox"/> TBD ^㊳ If other than above, please specify: ^㊴
Partner country ^㊵	^㊶ <small>*The country where the project will be implemented.^㊷</small>
Name of representative participant ^㊸	Name of representative participant(s) ^㊹ : ^㊺ Website: ^㊻ <small>*1: A representative participant must be a Japanese entity registered in Japan.^㊼ If you haven't decided or been looking for one, please state as such.^㊽</small>
Name of partner participant ^㊾	Name of partner participant(s) ^㊿ : ^① Partner participant ^② is a subsidiary of a Japanese company: Click to select ^③ Website: ^④ <small>*1: Please include an entity that owns and uses the facility introduced by the project.^⑤</small>

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Wholesale Distributors, Trading Companies	ITOCHU Corporation / Inabata Co., Ltd. / Kanematsu Corporation / Toyota Tsusho Corporation / Toyotsu Machinery Corporation / Japan Pulp and Paper Company Limited / Farmdo Co., Ltd. (FARMLAND Co., Ltd.) / Marubeni Corporation / MITSUI & CO., LTD. / YUASA TRADING CO., LTD
Retail	AEON MALL Co., Ltd. / AEON RETAIL Co., Ltd. / FAST RETAILING CO., LTD. / FamilyMart Co., Ltd. / Lawson, Inc.
Foods	Acecook Co., Ltd. / Kirin Holdings Company, Ltd. / Sapporo International Inc. / Suntory Spirits Ltd. / CPF JAPAN CO., LTD. / Fuji Foods Corporation /Dole Japan, Inc.
Chemicals, Rubber	Otsuka Pharmaceutical Factory, Inc. / KYOWA HAKKO BIO CO. LTD. / Showa Denko Materials Co., Ltd. / Sumitomo Rubber Industries, Ltd. / DIC Corporation / Bando Chemical Industries, Ltd. / FUMAKILLA LIMITED / Mitsubishi Chemical Corporation
Textiles, Glass, Ceramics	AGC Inc. / TOTO Ltd. / Toray Industries, Inc. / Nisshinbo Textile Inc.,
Nonferrous Metals	YKK Corporation
Electric Machinery, Precision Instruments	ENDO Lighting Corporation / Sharp Energy Solutions Corporation / Sony Semiconductor Manufacturing Corporation / DAIICHI JITSUGYO CO., LTD. / WWB Corporation / TSB Co., Ltd. / Hitachi-Johnson Controls Air Conditioning, Inc. / Voith Fuji Hydro K.K. / HOYA CORPORATION / MinebeaMitsumi Inc. / YAZAKI PARTS CO., LTD. / RICOH COMPANY, LTD.
Industrial Machinery	Ebara Refrigeration Equipment & Systems Co., Ltd. / Kanematsu KGK Corp. / Mayekawa Manufacturing Co., Ltd. / Mitsubishi Heavy Industries, Ltd.
Automobiles & Auto parts	DENSO CORPORATION / Toyota Motor Corporation
Transportation, Warehousing	Tokyu Corporation / Nippon Express Co., LTD. / RYOBI HOLDINGS Co., Ltd.
Engineering & Construction	JFE Engineering Corporation / Sumitomo Forestry Co., Ltd. / Toyo Energy Farm Co., Ltd. / JGC CORPORATION / NIPPON STEEL & SUMIKIN ENGINEERING CO., LTD. / Nihon Crant Co. Ltd. / Next Energy & Resources Co., Ltd. / Fujita Corporation / Yuko Keiso Co., Ltd.
Power, Gas, Water, Energy Supply	AURA-Green Energy Co., Ltd. / eREX Co.,Ltd. / Idemitsu Kosan Co., Ltd. / Osaka Gas Co., Ltd. / The Kansai Electric Power Company, Incorporated / Saisan Co.,Ltd. / SHIZUOKA GAS CO., LTD. / Shizen Energy Inc. / WWS-JAPAN Co. / Hokusan Co., Ltd. / METAWATER Co., Ltd. / Eurus Energy Holdings Corporation / Yokohama Water Co., Ltd. / Liberal Solution Co., Ltd., Kyuden International CO.
Finance	Tokyo Century Corporation / Mizuho-Toshiba Leasing Company Ltd. / Sumitomo Mitsui Trust Panasonic Finance Co., Ltd. / Sumitomo Mitsui Finance and Leasing Company, Limited, BOT Lease Co., Ltd.
Services and Others	Asian Gateway Corporation / Alairport Inc. / AAIC Japan Co., Ltd. / NTT DATA INSTITUTE OF MANAGEMENT CONSULTING, Inc. / NTT FACILITIES, INC. / Oriental Consultants Co., Ltd. / Kayama Kogyo Co., Ltd. / EMATEC:Environmental Management and Technology Center / Global Engineering Co., Ltd. / NiX Co., Ltd. / SUURI-KEIKAKU Co., Ltd. / Chodai Co., Ltd. / TEPIA Corporation Japan Co.,Ltd. / Pacific Consultants Co., Ltd. / Finetech Co., Ltd. / Waseda Environmental Institute Co., Ltd.

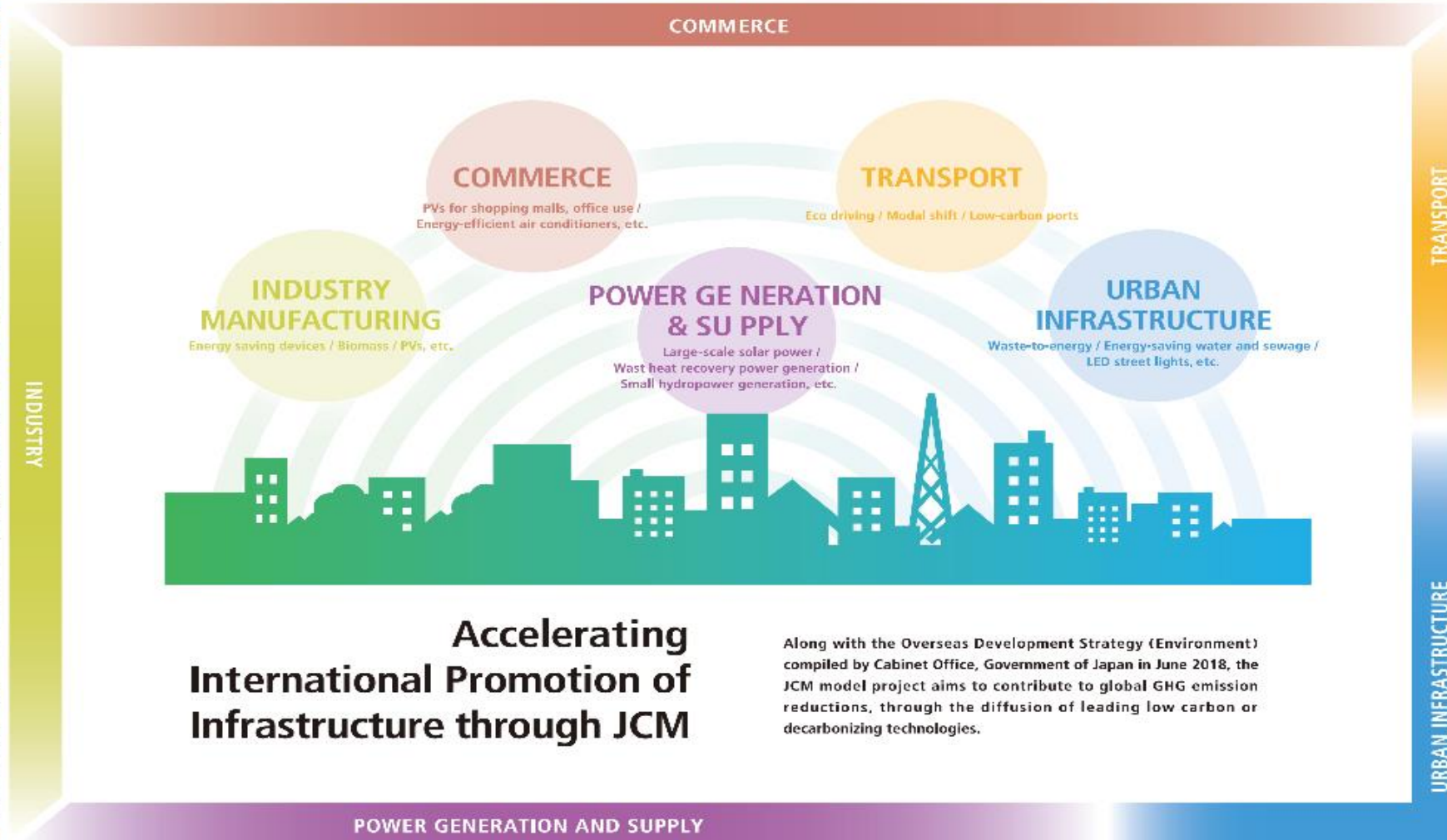
- 1 Thailand / EAST RETAILING CO., LTD. High Efficiency LED Lighting
- 2 Cambodia / AEON MALL Co., Ltd. Solar Power System and High Efficiency Centrifugal Oil Filter
- 3 Bangladesh / Kibao Refrigeration Equipment & Systems Co., Ltd. High Efficiency Centrifugal Chiller
- 4 Mexico / Sunteco Sales Limited Once-through Boiler and Fuel Switching



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



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



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.



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

Thank you for your attention!

ありがとうございました。

Global Environment Centre Foundation(GEC) Tokyo Office

4th Floor, Hongo Ozeki Bldg 3-19-4, Hongo, Bunkyo-ku,

Tokyo 113-0033, JAPAN

Phone : +81-3-6801-8860 / FAX : +81-3-6801-8861

E-mail : jcm-info@gec.jp

URL : <http://gec.jp/>

