

# Financing Programme for JCM Model Projects

28th February 2022 **Global Environment Centre Foundation (GEC)** 







## 1. Overview and Recent trend of JCM Model Projects

## 2. Projects examples applicable to Maldives







JCM introduction leaflet (overview) (issued in October 2021)

https://gec.jp/jcm/jp/publication/JCM2021Oct\_En\_Web.pdf



**Trend** 

## **Agreed on Article 6 rules!**

Accelerates JCM's global expansion



- > Global Financial Institutions accelerate green investment
- > Accelerate SDGs and CSR activities

FY2021 budget USD 76 million



FY2022 budget(draft)
USD 171 million



Opportunity to double JCM business has arrived!

How to achieve Business

The key to completing a proposal quickly and getting a large grant!

**★** Feel free to use GEC's application consultation!

You are welcome to consult with us on any advanced decarbonization technology you need!

**Business expanding through JCM in Maldives!** 

**Budget** 

USD 171 million(draft) in FY2022

Financial support per project

Executing Entity International Consortium that consists of a Japanese entity and a JCM partner-country entity (ies)

Up to Approximately ¥2billion

Scope of Financing

Facilities, equipment, vehicles, etc. which reduce CO2 from fossil fuel combustion

Requirements

Start installation after the Contract of Finance is concluded and finish installation within 3 years. Conduct measurement, reporting and verification (MRV) of GHG emission reductions.

Maximum
Percentage of
Financial Support

Maximum of 50% or lower according to the number of already selected project(s) using a similar technology in each partner country.

**Cost-effectiveness** 

Cost-effectiveness of GHG emission reductions is expected to be JPY4,000/tCO2eq or lower.

Guideline

for Submitting JCM model project proposal



Project management & **MRV** Reporting

equipment & facility

partner participant

Installation and maintenance of equipment & conducting MRV

JCM Global Match

equipment & facility

Project in the partner country Select Emission reduction support GHG GHG Initial cost emission cost emission Conventional Low-carbon or decarbonizing **Financial Support of JCM Model Project** 

Loan and/or Investment ADB Loan w/JFJCM JICA overseas investment and loan JBIC, JOIN, World bank **Commercial banks** 

Own funds

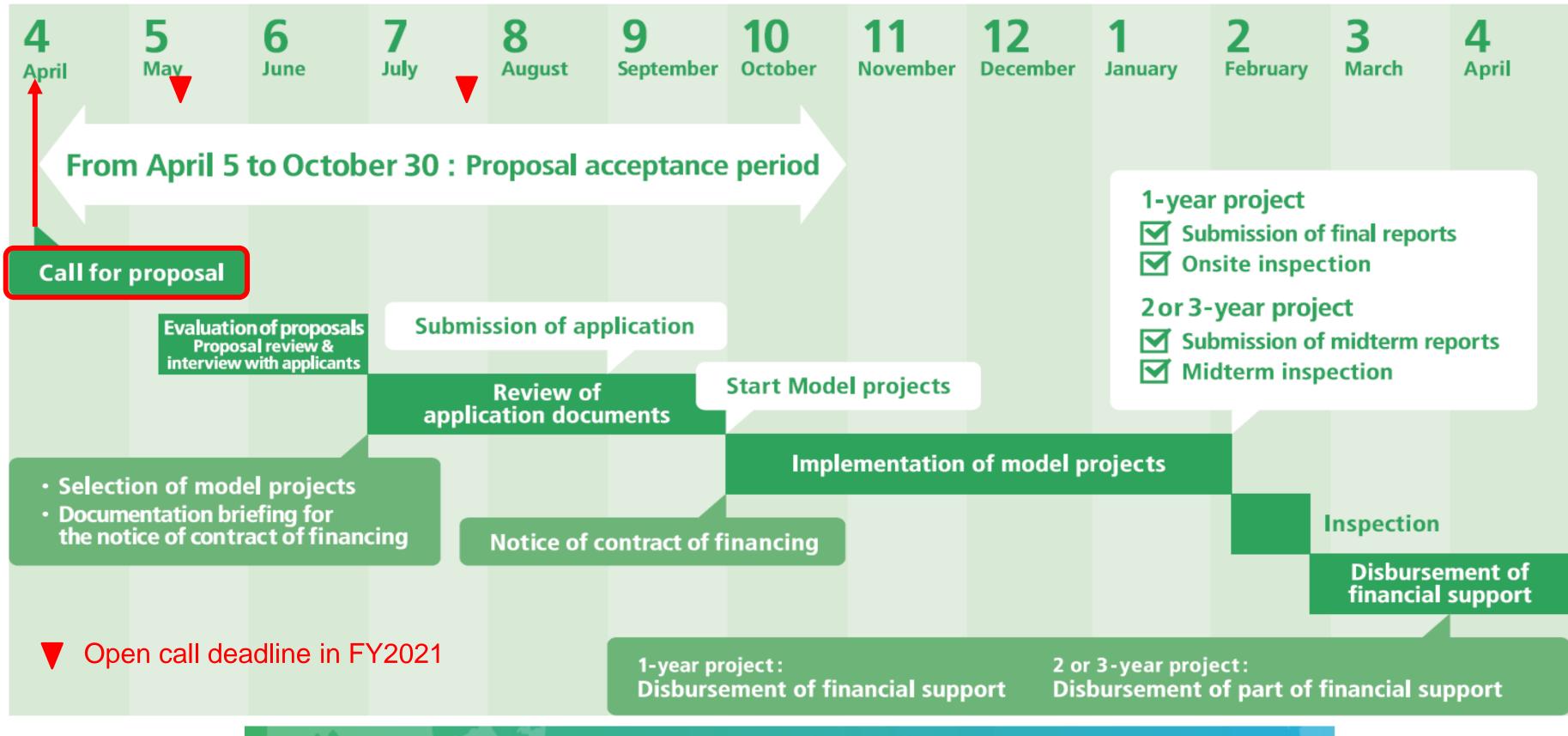
Guideline

for Submitting JCM model project proposal

## JCM Model Projects Schedule in FY2021



Global Environment Centre Foundation



Guideline for Submitting
JCM model project proposal

## What kind of projects are supported by this financing programme?



- Reduce energy-related CO2 emissions with leading low carbon or decarbonizing technologies in partner countries.
- Contribute to the sustainable development in partner countries.
- Reduction of GHG emissions achieved by the projects can be quantitatively calculated and verified.
- Facilities installed by the projects do not receive any other subsidy by the Government of Japan.

Guideline

for Submitting JCM model project proposal

## What is the criteria of cost-effectiveness?

## JPY4,000/tCO2equivalent

Amount of financial support[JPY]

- Emission reductions of GHG [tCO2equivalent/y] × 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.

Guideline

for Submitting

JCM model project proposal



		\																	
		Mongolia Banglad Ethiopia Kenya			Maldive	aldive Viet Lao II			Indones Costa Dalau		Cambod Movice		Saudi	Chilo Myanm Thailan F		Philippin			
Sector	Technology	Mongolia	esh	Ethiopia	Kenya	S	Nam	PDR	ia	Rica	Palau	ia	Mexico	Arabia	Chile	ar	d	е	
		MN	BD	ET	KE	MV	VN	LA	ID	CR	PW	KH	MX	SA	CL	MM	TH	PH	
	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																1		1
	System																_		_
	Air Conditioning System with Total Heat															1			1
	Exchanger								4								1		
	Fridge and Freezer Showcase Boiler	2					2		3				4			2	1		2 11
									1				1						
	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		1
	Transformer						4	1	2								4		5
	LED Lighting								2								1		3
1. Energy Efficiency	LED Street Lighting with Dimming System								1			1							2
1. Lifergy Liffchericy	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 Modling Machine								1										1
	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
2. Renewable Energy	Geothermal Power Plant																	1	1
Z. Reflewable Effergy	Blomass Power Plant								1			1			1	1	1	1	6
	Biogas Power Plant																	1	1
	Biomas boiler						2										1		3
	Biogas boiler															1		1	2
	Biomass Co-generation						1										1		2
	Power Generation by Waste Heat Recovery								1							1	1		3
	Gas Co-generation								2								3		5
4. Waste Handling	Waste-to-Energy Plant															1			1
and Disposal	Power Generation by Methane Recovery		<u></u>			<u> </u>			<u> </u>				1						1
	Digital Tachograph System						1												1
5. Transportation	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

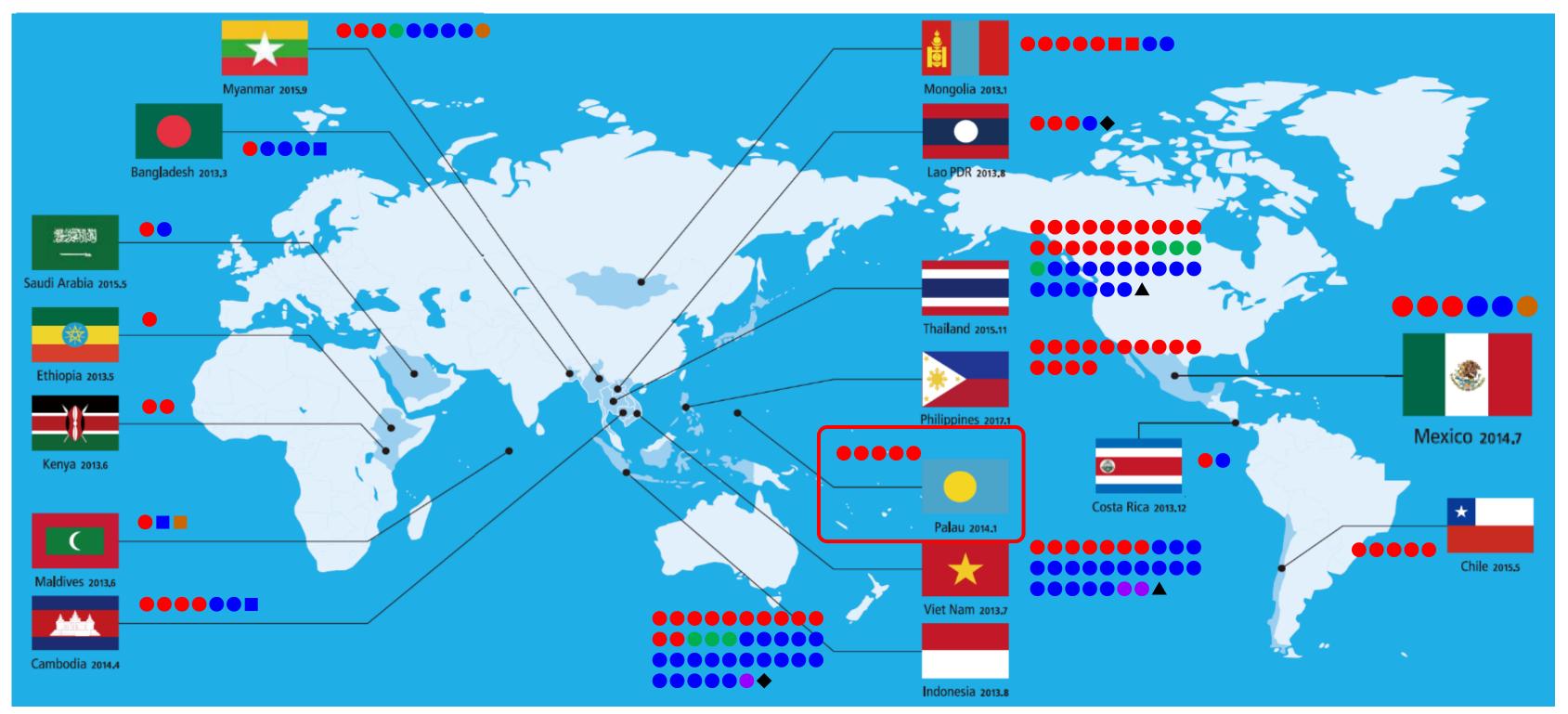
#### **Summary by** FY2020 projects

## **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.

## Project Map of JCM Financing Programme, as of Jan. 2021 Global Environment Centre Foundation



**Total 192 projects / 17 countries** 

(● Model Project:170, ■ ADB:6, ◆ REDD+:2, ▲ F-gas:2)

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

## 1<sup>st</sup> Selection of Projects in FY2021

Partner Country	Entity	Project Title	Sector	Expected GHG Emission Reductions (tCO2/y)
Vietnam	JFE Engineering Corporation	Waste to Energy project in Bac Ninh Province	Waste handling and disposal	41,805
Vietnam	Sharp Energy Solution Corporation	Introduction of 9MW Rooftop Solar Power System to Factories	Renewable Energy	3,618
Vietnam	ENDO Lighting Corporation	Introduction of High Efficiency LED Lighting with Dimming and Tunable Function to Office Building in Ho Chi Minh City	Energy Efficiency Improvement	196
Indonesia	Sumitomo Forestry Co., Ltd.	Introduction of 3.3MW Rooftop Solar Power System in Woodworking Factories	Renewable Energy	2,396
Indonesia	FUMAKILLA LIMITED	Introduction of High-Efficiency Thermal Oil Heater System in Chemical Factory	Energy Efficiency Improvement	1,942
Mexico	Sharp Energy Solution Corporation	20MW Solar Power Project in Guanajuato	Renewable Energy	20,023
Thailand	Osaka Gas Co., Ltd.	Introduction of High Efficiency Once Through Boiler to Garment Factory	Energy Efficiency Improvement	2,665
Philippines	MITSUI & CO., LTD.	60MW Solar Power Project in Cordon, Isabela	Renewable Energy	44,860
Philippines	Mizuho-Toshiba Leasing Company Ltd.	Tanawon 20MW Flash Geothermal Power Plant Project	Renewable Energy	38,312

## 2nd Selection of Projects in FY2021

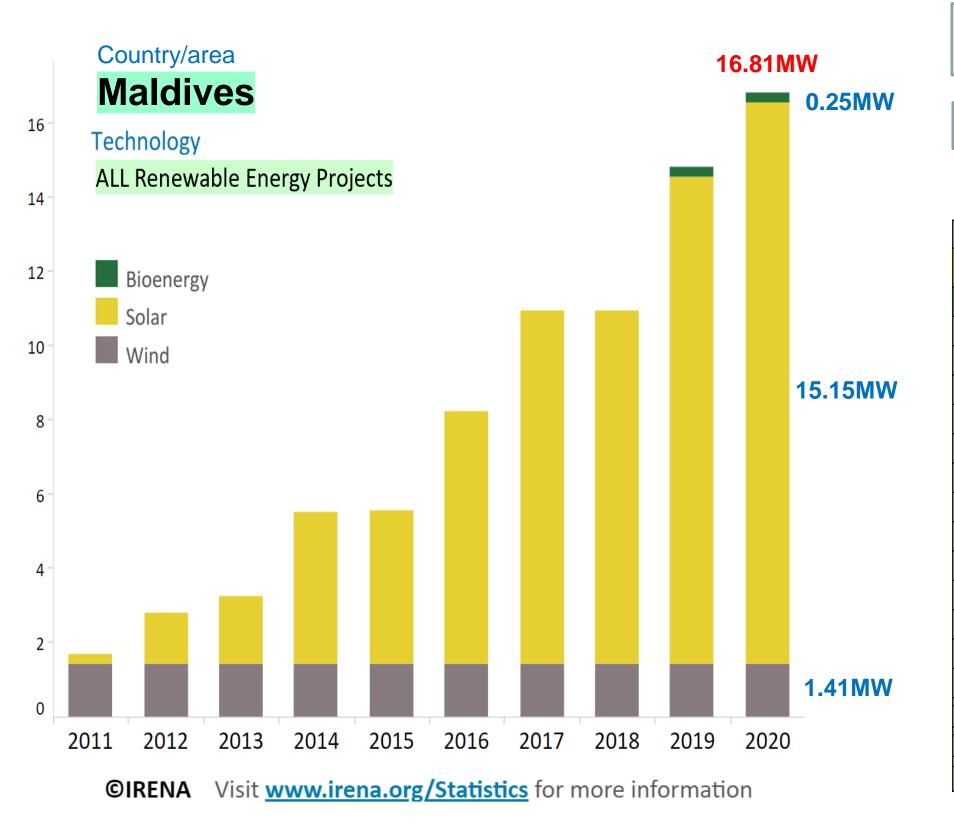
Partner Country	Entity	Project Title	Sector	GHG Emission Reductions(tCO2/y)
Vietnam	Marubeni Corporation	Introduction of 12MW Rooftop Solar Power System to Commercial and Industrial Customers	Renewable Energy	5,815
Vietnam	Osaka Gas Co., Ltd.	Introduction of 9.8MW Rooftop Solar Power System in Industrial Park	Renewable Energy	4,254
Vietnam	Asian Gateway Corporation	Introduction of 5.8MW Rooftop Solar Power System to Beverage Factory	Renewable Energy	2,531
Vietnam	The Kansai Electric Power Company, Incorporated	Introduction of 2.5MW Rooftop Solar Power System to Food Factory and Garment Factory	Renewable Energy	982
Vietnam	Tokyu Corporation	, , , , , , , , , , , , , , , , , , ,	Energy Efficiency Improvement	726
Lao PDR	Liberal Solution Co., Ltd.	19MW Solar Power Project in Xiangkhouang Province	Renewable Energy	7,861
Indonesia	WWS-JAPAN Co.	6MW Mini Hydro Power Plant Project in Besay River, Lampung Province	Renewable Energy	20,307
Indonesia	WWS-JAPAN Co.	2.3 MW Mini Hydro Power Plant Project in Melesom River, Lampung Province	Renewable Energy	6,787
Indonesia	Otsuka Pharmaceutical Factory, Inc.		Energy Efficiency Improvement	8,796
Chile	Eurus Energy Holdings Corporation	9MW Solar Power Project in Casablanca, Valparaiso Region	Renewable Energy	8,527
Chile	Eurus Energy Holdings Corporation	9MW Solar Power Project in Yungay, Biobio Region	Renewable Energy	8,476
Chile	FARMLAND Co., Ltd.	3MW Solar Power Project Utilizing Farmland in Maule Region	Renewable Energy	2,489
Thailand	Kanematsu KGK Corp.	35MW Solar Power and Storage Battery Project in Suphanburi Province	Renewable Energy	13,197
Thailand	Sharp Energy Solution Corporation	Introduction of 23MW Rooftop Solar Power System to Tire Factories	Renewable Energy	8,928
Thailand	The Kansai Electric Power Company, Incorporated	System to Textile Factory and Food Factory	Energy Efficiency Improvement/ Renewable Energy	1,885
Thailand	The Kansai Electric Power Company, Incorporated	Introduction of 2MW Rooftop Solar Power System to Non-ferrous Metal Factory	Renewable Energy	945
Thailand	Tokyo Century Corporation	II ease scheme)	Renewable Energy	858
Thailand	Tokyo Century Corporation	Introduction of 0.13MW Solar Power System to Auto Parts Factory (JCM Eco Lease Scheme)	Renewable Energy	52
Philippines	Oriental Consultants Co., Ltd.		Energy Efficiency Improvement	780

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## Trends of Renewable Energy Projects



## Installed Capacity Trends



■ Techn	ology im	provement	and cost	reduction	(solar	power	gen.	and	wind	power)
Support	ort for a v	wide range	of partne	rs						

Renewable energy has become an affordable solution with limited funding and technical capabilities.

JCM can contribute Maldives by utilizing various proven technologies.

#### Achievements of Renewable Energy Installed Capacity(MW) by 2020

	Solar	Wind	Geothermal	Bioenergy	Hydro			
Maldives	15	1		1				
Pacific Islands								
Cook Islands	7	1						
Federated States of Micronesia	2	1			1			
Fiji	10	10	,	43	140			
French Polynesia	40	1			50			
Kiribati	3							
Marshall Islands	2	1						
Nauru	2							
New Caledonia	80	37		3	80			
Niue	1							
Palau	2							
Papua New Guinea	2		55	19	260			
Samoa	14							
Solomon Islands	3	1		3	2			
Tonga	6	6	,					
Tuvalu	2							
Vanuatu	5	4		3	2			
*This number is for reference only and is an approximation.								

Refer to the details of each projects in Appendix.

No.	Technology	Classification	NDC
Α	Solar Power Generation	RE	Energy sector
-1	> on roof top with Bundling multiple projects		
<b>-</b> 2	> with Batteries and EMS to provide a stable power supply		
-3	with Blockchain Technology		
-4	With farming-type solar power plant that combines agriculture		
В	Small scale of Wind Power Generation	RE	Energy sector
С	Small scale of Solar Power Generation (JCM Eco Lease Scheme)	RE	Energy sector
D	Introduction of CNG-Diesel Hybrid Public Bus	EE	Transport sector
Е	High Efficiency Chiller and High Efficiency LED Lighting	EE	Energy sector
F	Energy Saving Air Conditioning System	EE	Energy sector

**A-1** 

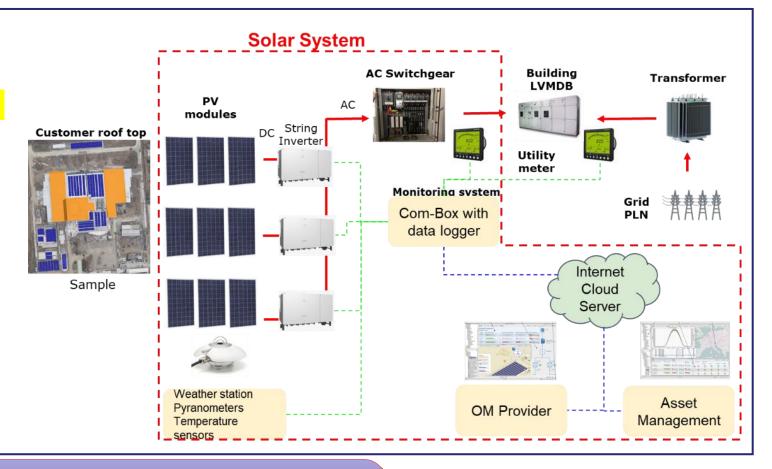
#### 4.2MW Rooftop Solar Power Project to Pharmaceutical Factories, Vehicles Dealers, and Timber Factories

PP (Japan): Alamport Inc., Shizen Energy Inc. PP (Indonesia): PT Alam Energy Indonesia, PT ATW Alam Hijau, PT Bintang Toedjoe, PT Agung Automall, PT Sumber Graha Sejahtera

## Outline of GHG Mitigation Activity

Rooftop solar power systems (total of about 4.2 MW) is installed at two pharmaceutical factories, nine vehicles dealer showrooms and two timber factories. The project participants are in charge of installation, management, and maintenance of the systems.

This project contributes to the achievement of Indonesia's policy for a renewable energy ratio target of 23% in 2025.



## **Expected GHG Emission Reductions**

#### 3,772 tCO<sub>2</sub> /year

- = (Reference CO<sub>2</sub> emissions)
  - (Project CO<sub>2</sub> emissions)
- Reference CO<sub>2</sub> emissions
- = (Quantity of the electricity generated by the project) [MWh/year]
  - × Emission factor [tCO<sub>2</sub>/MWh]
- Project CO<sub>2</sub> emissions
  - $= 0 [tCO_2/year])$

## **Site of Project**



Jakarta : 2 sites East Java : 2 sites

Bali: 6 sites



Map Data ©2021 Google

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# Development of an energy management system (EMS) to provide a stable supply of renewable energy Representative Participant: Kyudenko Corporation

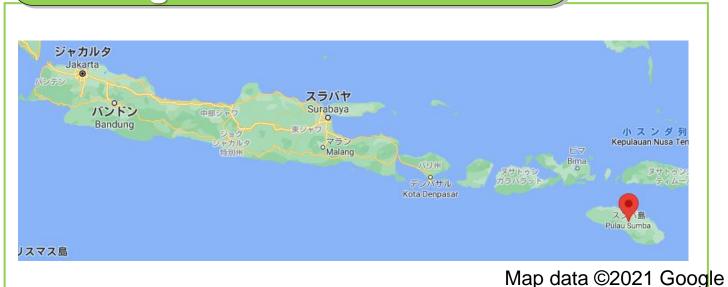
**A-2** 

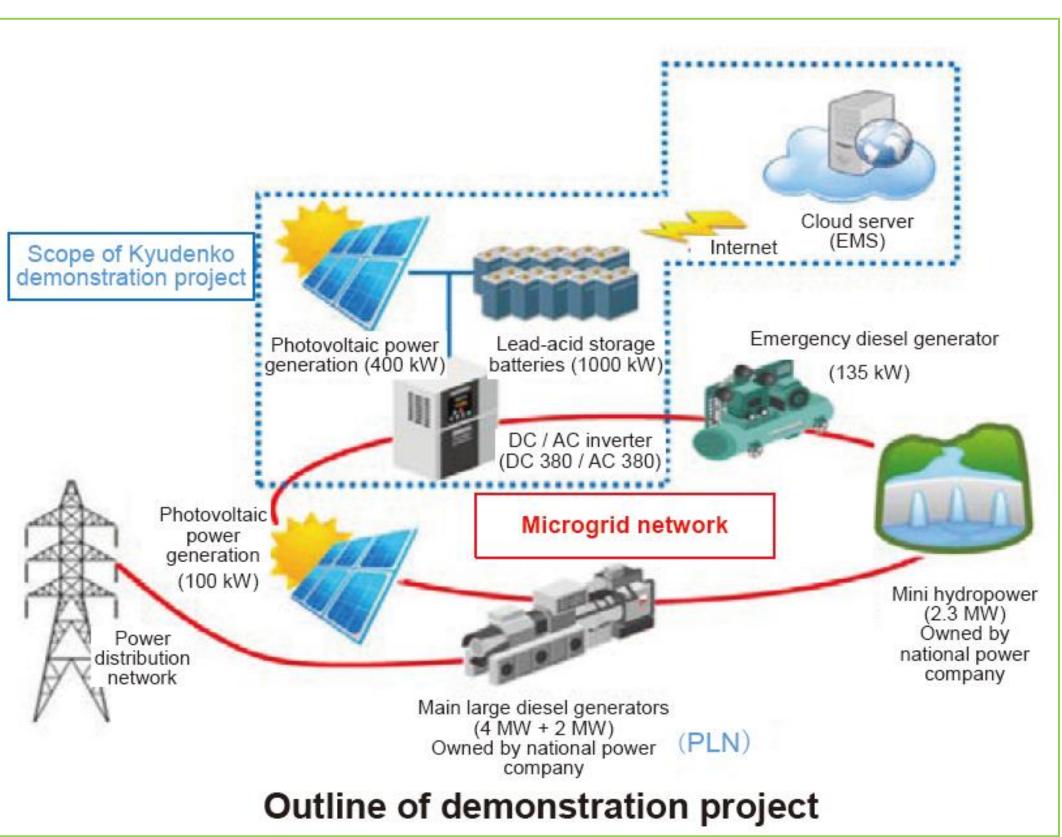
## **Outline of project**

This project aims to;

- Reduce CO2 emissions by substituting renewable energy for existing diesel generators.
- Also, in collaboration with BPPT, to demonstrate EMS and storage batteries for stable power supply from various sources including renewable energy.

## Region: Sumba Island





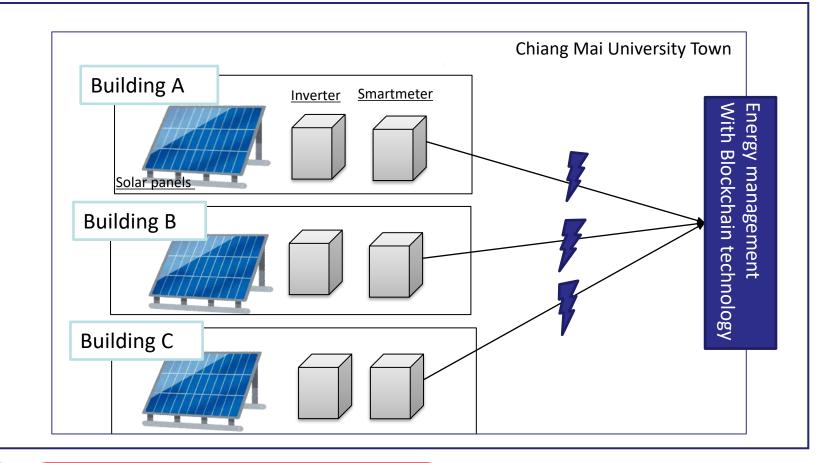
#### 2.5MW Solar Power Project with Blockchain Technology in Chiang Mai University Town Community

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.

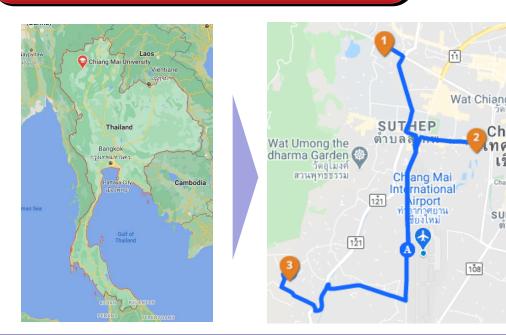


## **Expected GHG Emission Reductions**

#### 1,041 tCO<sub>2</sub>/year

- = [(Reference power consumptions)
- (Project power consumptions)]x 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)

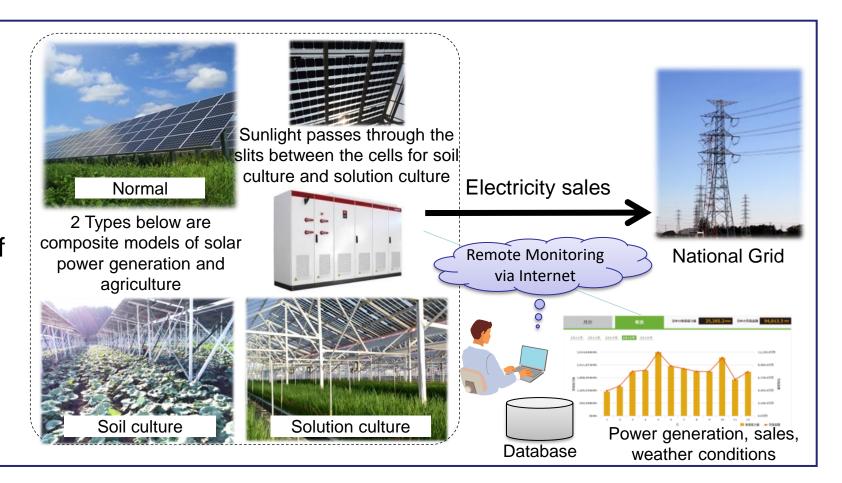
Map data©2020 Google

#### Installation of 2.1MW Solar Power Plant for Power Supply in Ulaanbaatar Suburb (Farming-type)

PP (Japan): Farmdo Co., Ltd. / PP (Mongolia): Everyday Farm LLC, Bridge LLC

## Outline of GHG Mitigation Activity

The purpose of this project is to reduce CO<sub>2</sub> emission, mitigate air pollution and stabilize power supply in Mongolia by installing 2.1MW scale solar power plants in the suburbs of Ulaanbaatar. This power plants can replace some part of power generation by coal-fired thermal power. Moreover, lots of achievements in daily life, mitigating air pollution, resolving power shortage, food supplying, etc., can be expected by synergy of agricultural and solar power generation technology.



## **Expected GHG Emission Reductions**

## 2,424 tCO<sub>2</sub>/year

- = Project Electricity Generation(EG)
  - x Emission Factor (EF)
- =Power Generation Capacity[kW]
  - x Annual Operating Rate[%]
  - x 24hours x 365days x EF

## Site of JCM Model Project



Project site situated in the farm Everyday
Farm owns is located 37km northwest of
Ulaanbaatar city center.

Normal

1.05MW

O.48MW

O.48MW

Total 2.13MW

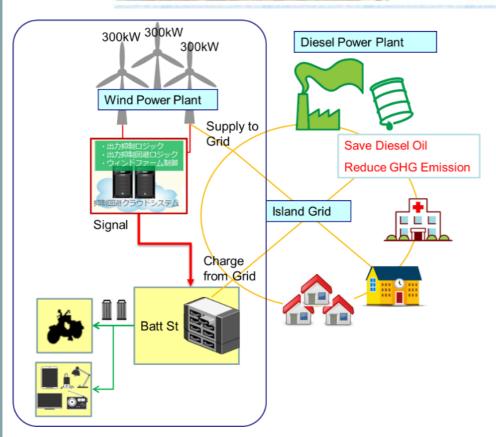
## Small scale of Wind Power Generation (Not JCM project but possible)

B

#### KOMAIHALTEC's 300kW Wind Turbine



- Blade Length: 16m
- Naceile
  - weighs under 18t
- Tower Height: 41.5m (4 blocks: each weighs under 10t)
- Rated Capacity: 300kW
- Survival wind speed:
- 91.26m/s for Typhoon Model
- Cut-in wind speed: 3m/s
- Cut-out wind speed: 25m/s



A 300kW medium-scale wind power generator suitable for islands and a battery charging station, and the control system will utilize the surplus electricity of the wind turbine to charge the battery. Furthermore, by using the charged battery for EV motorcycles, a further CO2 reduction effect will be created.

Referred to Komaihaltec and Honda project on Financing Program to Demonstrate Decarbonization Technology for Realizing Co-Innovation

#### PROGRESSIVE ENERGY's 245kW Wind Turbine



#### **Tiltable Wind-Generated Electricity System**

The tiltable system enables us to perform maintenance on the ground and largely reduce maintenance cost and stop time for windmills. In addition, we can protect windmills from typhoons by fixing them to the ground.

5 units installed in the Kingdom of Tonga in 2019 realized with PALM7



Groundbreaking ceremony



5 Launch scenery

Introduction of 0.13MW Solar Power System to Auto Parts Factory (JCM Eco Lease Scheme) (Japan): Tokyo Century Corporation, (Thailand): NICHIAS (THAILAND) CO.Ltd., TISCO Tokyo Leasing CO., Ltd.

## **Outline of GHG Mitigation Activity**

Installing 0.13MW solar power generation system on the roof of the factory for self-consumption by utilizing JCM Eco Lease Scheme. Around 60% of the factory's electricity consumption will be covered by solar power generation.

By combining financing programme and leasing, JCM Eco Lease Scheme reduces the initial cost and contributes to greenhouse gas (GHG) emissions reduction. This is the first JCM Eco Lease project in Thailand.



<NICHIAS (THAILAND) CO.Ltd. Factory>



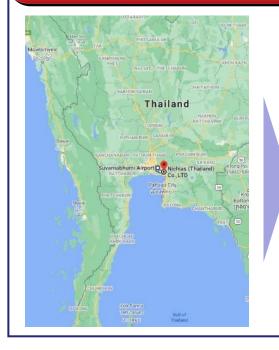
Map Data ©2021 Google <Project Site>

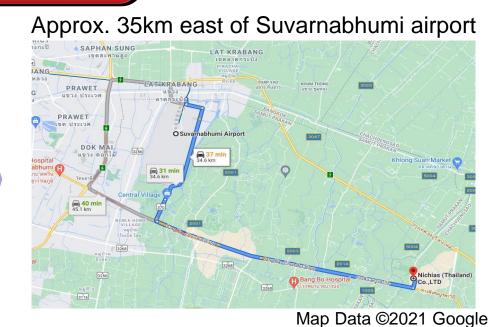
## **Expected GHG Emission Reductions**

#### 52 tCO<sub>2</sub>/年

- = (Reference CO<sub>2</sub> emissions)
  - (Project CO<sub>2</sub> emissions)
- Reference CO<sub>2</sub> emissions

   (Quantity of the electricity generated by the project) [MWh/year]
- Project CO<sub>2</sub> emissions= 0 [tCO<sub>2</sub>/year])



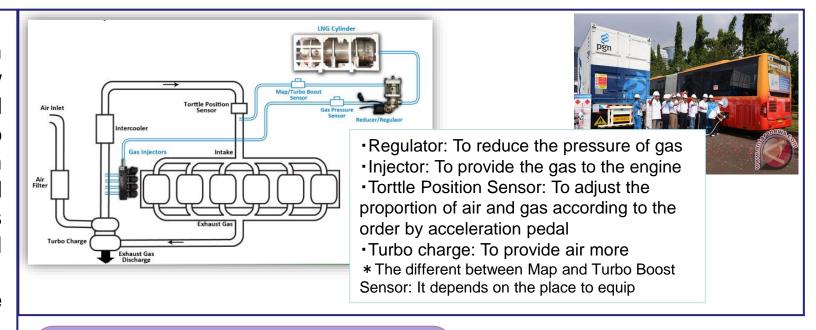


## Introduction of CNG-Diesel Hybrid Equipment to Public Bus in Semarang

PP from Japan: Hokusan Co.,Ltd. / PP from Indonesia: BLU UPTD Trans Semarang

## Outline of GHG Mitigation Activity

Toyama City has concluded a cooperation agreement between Semarang City to realize low carbon society under inter-city cooperation. Based on the cooperation agreement, this project aims to reduce GHG emissions through fuel switch from diesel to CNG. In the project, 72 diesel bases owned by Trans Semarang, including 25 large-sized buses and 47 mid-sized buses, are retrofitted from diesel engine to hybrid engine with CNG system available. These buses are considered more cost-effective through fuel switching.



## **Expected GHG emission reduction**

#### 2,667 tCO<sub>2</sub>/year

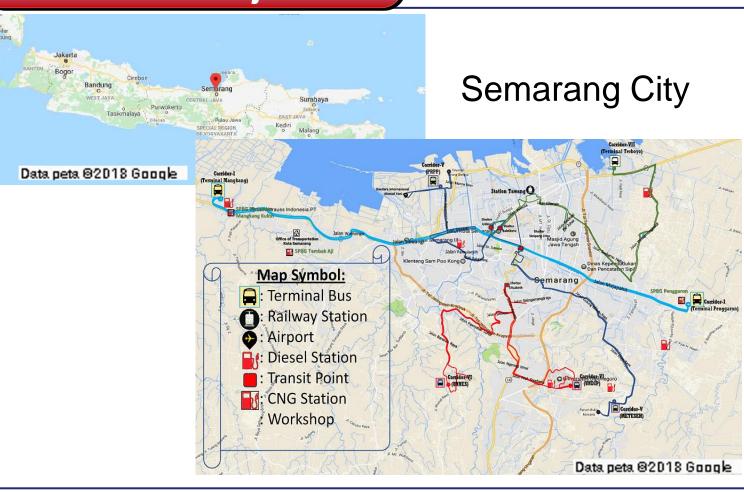
- ← Reference GHG emission Project GHG emission
- = Reference fuel consumption x Fuel-based emission factor Project fuel consumption x Fuel-based emission factor

#### Reference fuel consumption

= Diesel fuel consumption based for bus operation x emission factor of Diesel fuel

#### Project fuel consumption

= CNG fuel consumption for bus operation x emission factor of CNG + Diesel fuel consumption for bus operation x emission factor of Diesel fuel



Ε

Introduction of High Efficiency Chiller and High Efficiency LED Lighting with Dimming Function to Shopping Center PP (Japan): Tokyu Corporation, PP (Vietnam): BECAMEX TOKYU CO., LTD.

## Outline of GHG Mitigation Activity

This project introduces "High Efficiency Chiller" and "High Efficiency LED Lighting with Dimming Function" to "SORA gardens SC", a new shopping center in the "TOKYU GARDEN CITY" area in Binh Duong Province.

The project leads to reducing energy consumption and greenhouse gas (GHG) emissions as the chillers are high-efficient and equipped with inverters, and LED lighting dim down 70% of light.



High Efficiency Chiller 3 units



High Efficiency LED Lighting with Dimming Function: 710 units



## **Expected GHG Emission Reductions**

#### 726 tCO<sub>2</sub> /year

① High Efficiency Chiller[(Reference power consumptions)

- (Project power consumptions)]
- x Emission factor (EF)= 636 [tCO<sub>2</sub>/year]
- ② LED Lighting
  [(Reference power consumptions)
- (Project power consumptions)]
- x Emission factor (EF)= 90 [tCO<sub>2</sub>/year]



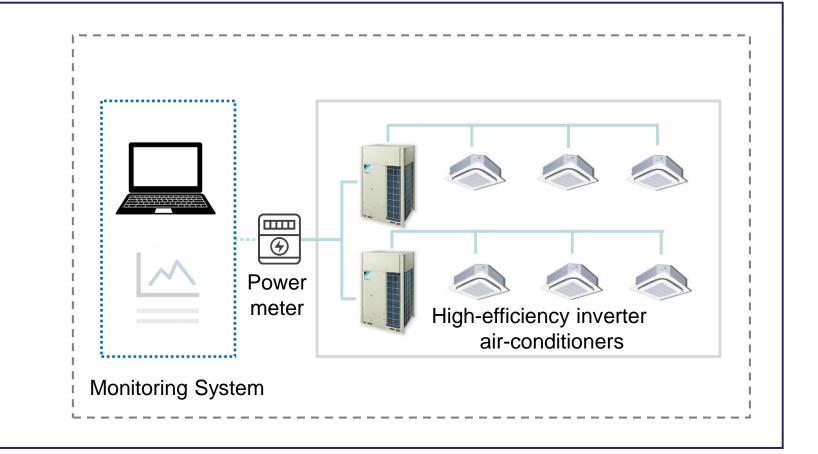
#### Introduction of **Energy Saving Air Conditioning** System to Quezon City Hall Compound

PP (Japan): Oriental Consultants Co., Ltd., PP (Philippines): Quezon City Government, LBP Leasing and Finance Corporation

## **Outline of GHG Mitigation Activity**

This project aims to contribute to the reduction of greenhouse gas (GHG) emissions by introducing approx.440-unit of high-efficiency inverter air-conditioners to Quezon City Hall Compound.

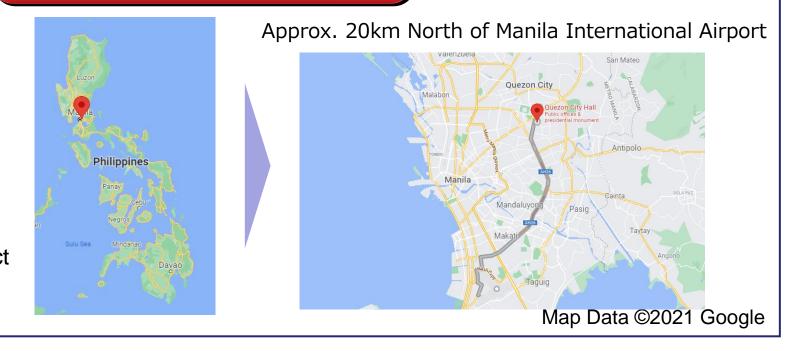
The project will contribute to the country's goal of reducing GHG emissions by approximately 70% by 2030 compared to the 2000-2030 Business as Usual (BAU) scenario.



## **Expected GHG Emission Reductions**

#### 780 tCO<sub>2</sub>/year

- = (Reference CO<sub>2</sub> emissions)
  - (Project CO<sub>2</sub> emissions)
- Reference CO<sub>2</sub> emissions
- = (Electricity consumption calculated by COP of reference air-conditioner) [MWh/year]
- x Emission factor [tCO<sub>2</sub>/MWh]
- Project CO<sub>2</sub> emissions
- = (Electricity consumption calculated by COP of project air-conditioner) [MWh/year]
- x Emission factor [tCO<sub>2</sub>/MWh]



**■ GEC's Website on JCM** 

http://gec.jp/jcm/

**■ GEC's JCM Twitter** 

https://twitter.com/GEC\_JCM\_Info

**■JCM Booklet** 

http://gec.jp/jcm/jp/publications/

**■** Business matching site

"JCM Global Match"

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



# JCM Global Match is an effective tool to connect entities who are

interested in the JCM financing programme.



Seller -offers decarbonizing facilities



Buyer -a uires decarbonizing facilities



Consultant -familiar with JCM



Financier -supports remaining cost of ...

## Consultation by GEC

## **Consultation by GEC**

GEC provides application consultation in order to assist project formation for entities interested in JCM Model Project. Please feel free to contact us. Please send an e-mail to jcm-info@gec.jp. Subject of e-mail should be "Consultation on application for JCM Model Project (Your company name)".



Suitable for Getting advice on your proposal at various phases.

#### **■** Contact:

Satoru Tango, Norio Takeyama

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**Currently, due to COVID-19, we are partially doing telework, and provide application consultation at web conference. Please send an e-mail to contact us.** 





# Thank you very much! ありがとうございました。



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