



Why don't you take advantage of Financing Programme for JCM Projects?

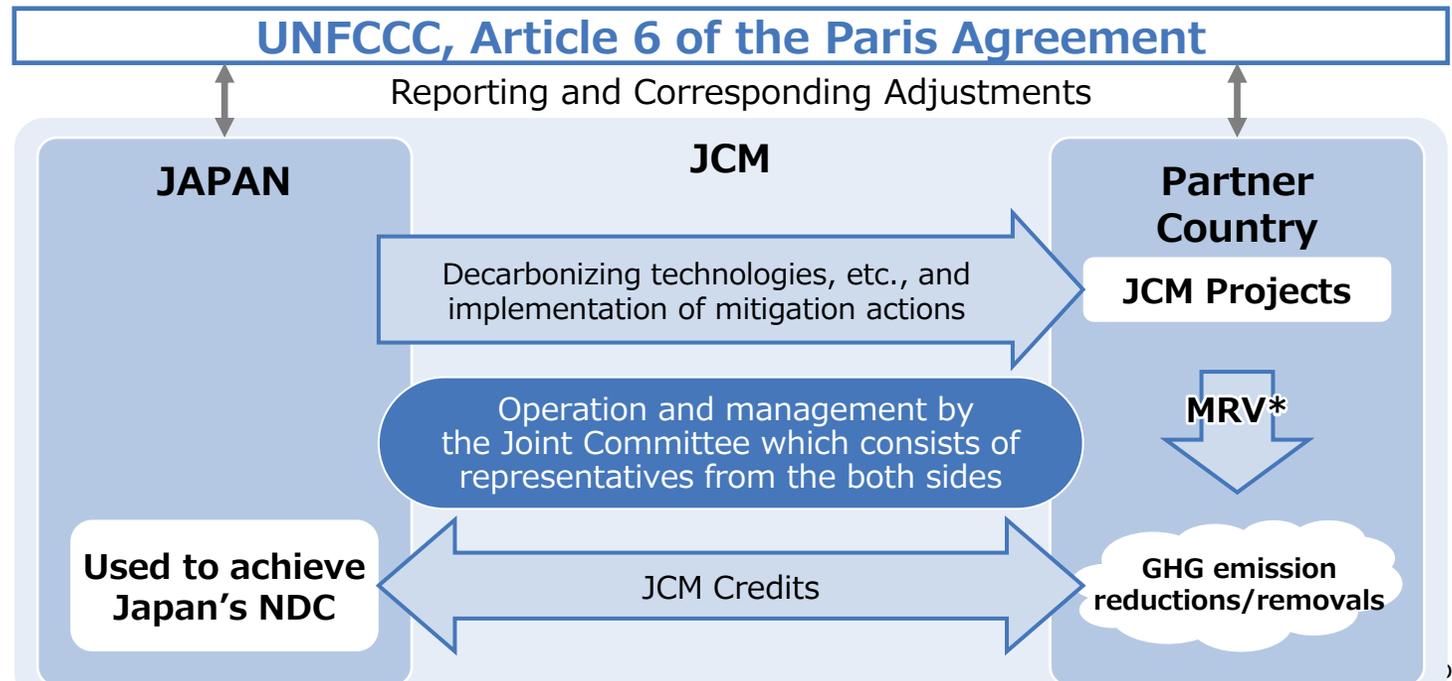
**Global Environment Centre (GEC)
JCM Implementation Agency (JCMA)**

11 September 2025



Basic Concept of the JCM (Joint Crediting Mechanism)

- Facilitate diffusion of decarbonizing technologies and infrastructure, etc., through investment by Japanese entities, thereby contributing to GHG emission reductions or removals and sustainable development in partner countries.
- Contribute to the achievement of both countries' NDCs while ensuring the avoidance of double counting through corresponding adjustments.
- Implement the JCM consistent with the guidance on cooperative approaches, referred to in Article 6, paragraph 2 of the Paris Agreement.



- The JCM offers social, economic, environmental benefits to **both Uzbekistan and Japan**.

Partner countries

- Contribution to NDC (emission reduction target) of partner countries
- Diffusion of superior decarbonization technologies and products

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- More New Business Opportunities
- Larger Corporate Value
→ More new investments
- Solutions to Social, Economic, and Environmental issues such as air pollution and infrastructure development

Japan

- Acquisition of JCM Credits
→ Contribution to its NDC (emission reduction target)
→ Utilization for emission offset
*Generating revenue from their sale

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- More New Business Opportunities
- Larger Corporate Value
→ More new investments
- Enhanced Presence through contributions to global decarbonization

31 JCM Partner Countries as of August 2025



※Numbers are in order of signing

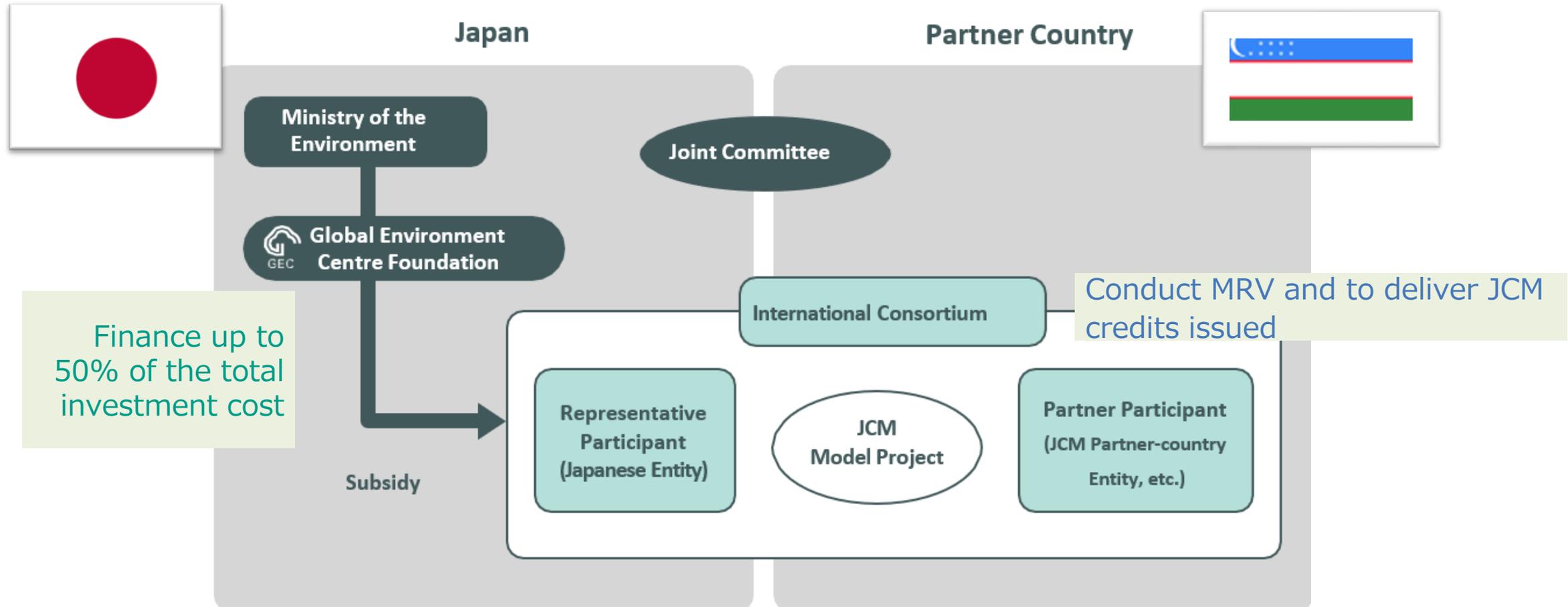
Overview of Japan's support for the JCM partner countries

Ministry	Programme	Type of support
Ministry of the Environment	Subsidy Programme for the JCM Facility Introduction	Subsidy 
	Japan Fund for the JCM (JF JCM) - managed by ADB	Grant
	Project development/capacity building/MRV support	Technical cooperation
Ministry of Economy, Trade and Industry	JCM Feasibility Study	Technical cooperation
	JCM Demonstration Programme	Government-commissioned project
Ministry of Agriculture, Forestry and Fisheries	Development of MRV for JCM projects in Agriculture – implemented by ADB	Technical cooperation
	Field studies for JCM REDD+	Government-commissioned project

Budget of FY 2025
13 billion JPY
 (approx. USD 87 million)

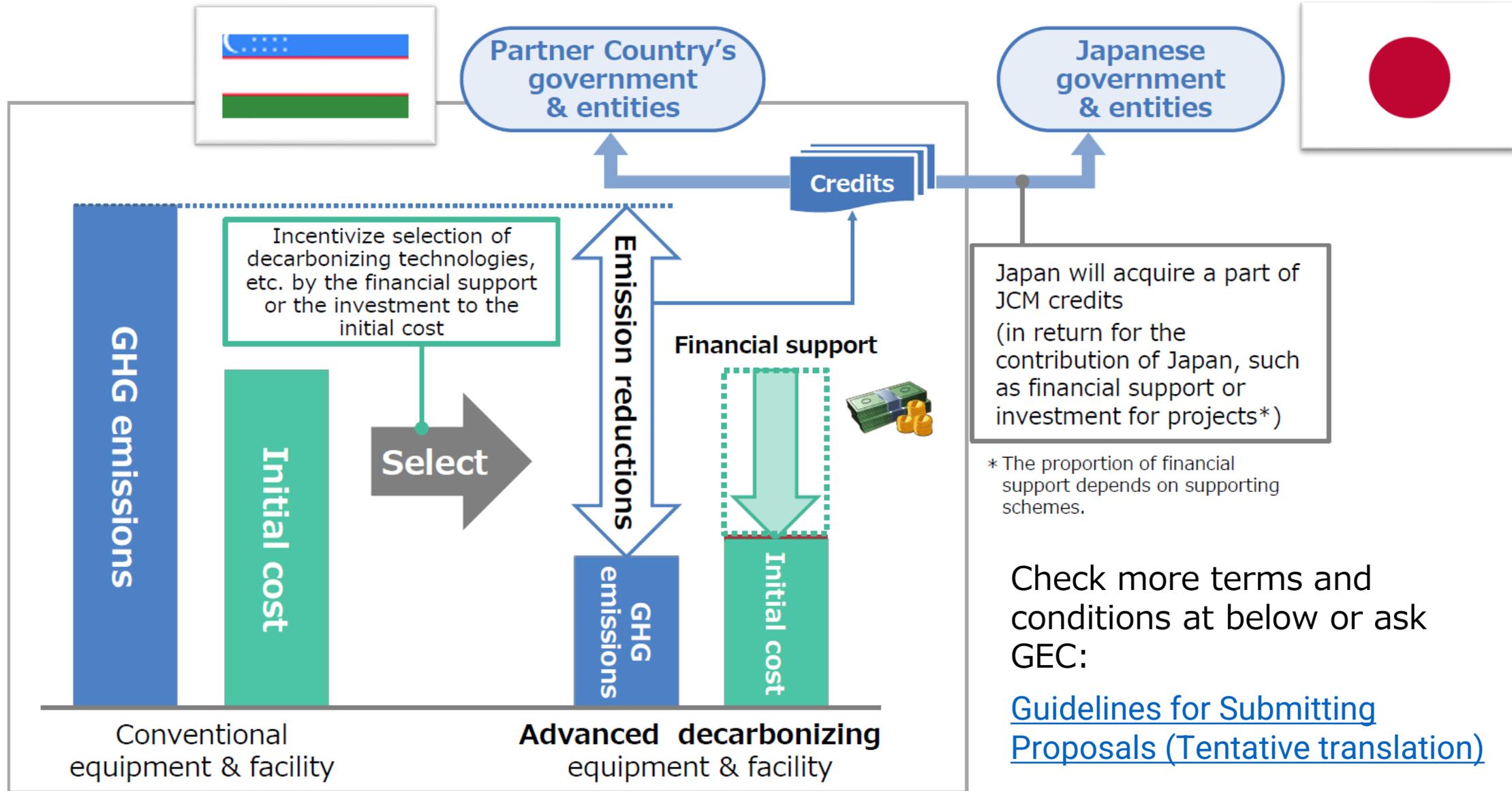
Various supports from Japan

Subsidy Programme for the JCM Facility Introduction



- Scope of the financing: facilities, equipment, vehicles, etc. which reduce CO₂ from fossil fuel combustion as well as construction cost for installing those facilities, etc.
- Eligible Projects: starting installation after financing is awarded and finishing installation within three years.

Contribution from Japan (example: in case of the Subsidy Programme)



Projects supported by the JCM financing programmes

Renewable Energy



Solar power, FARMLAND Co., Ltd., Chile



Floating Solar PV, TSB Co., Ltd., Thailand



Hydro Power Plant, Toyo Energy Farm Co., Ltd., Indonesia



Biogas Power Generation, ITOCHU Corporation, Philippines



Binary Power Generation Project at Geothermal Power Plant, MHI, Ltd., Philippines

Energy efficiency [Consumer sector]



Energy saving at convenience stores, Panasonic, Indonesia



High-efficiency refrigerator, Mayekawa MFG, Indonesia

Energy efficiency [Industrial sector]



Optimization in petroleum refining plant, Yokogawa Electric Corp. Indonesia



Energy-saving of mobile communications base transceiver stations, KDDI Corp. Indonesia

Effective Use of Energy



Gas Co-generation System and Absorption Chiller, Kansai Electric Power, Thailand

Energy efficiency [Urban sector]



LED street lighting system with wireless network control, MinebeaMitsumi, Cambodia



Amorphous transformers in power distribution, Yoko-Keiso, Vietnam

Waste



Power Generation with Methane Gas Recovery System, NTTDATA, Mexico



Waste to Energy Plant, JFE engineering, Myanmar

Transport



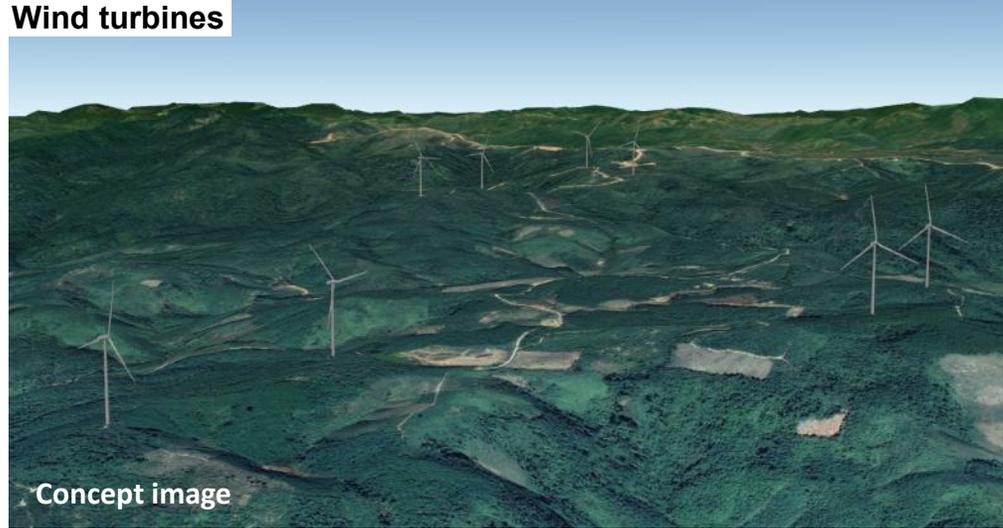
CNG-Diesel Hybrid Public Bus, Hokusan Co., Ltd., Indonesia

Outline of GHG Mitigation Activity

This project installs onshore wind power generation facilities with a capacity of 40 MW in Huong Hoa District, Quang Tri Province. The electricity is sold to the Vietnam Electricity to replace fossil fuel originated power in the grid to reduce greenhouse gas (GHG) emissions.

This project also contributes to the country to achieve the conditional NDC through the bilateral cooperation by 2030 compared to BAU.

Wind turbines



Concept image

Expected GHG Emission Reductions

35,344 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]

Sites of Project



The project site is located approx. 180km west of Dong Hoi Airport.

Outline of GHG Mitigation Activity

On the Batang Tongar river in West Pasaman, West Sumatra, a run-of-river type mini hydro power plant (3MW x 2 units) is constructed and the electricity is sold to PLN, a state-owned power company. The project reduces greenhouse gas (GHG) emissions by replacing the grid electricity. 38.73 GWh is expected to be sold annually.

The government's electric power development plan aims at a renewable energy ratio of 23% by 2025 and 31% by 2050. This project contributes to a promotion and expansion of renewable energy.

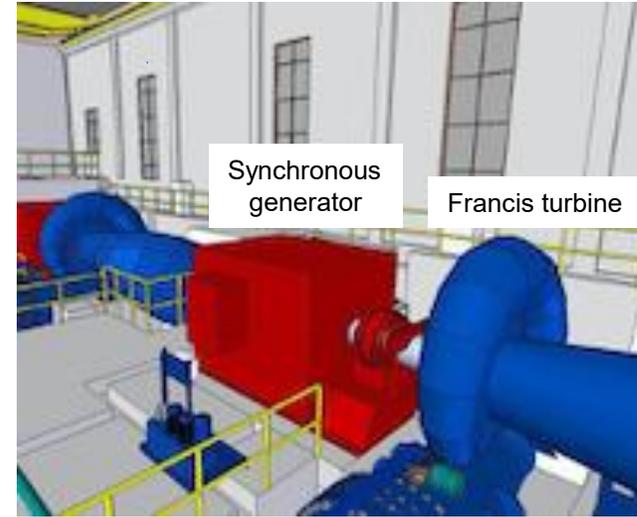
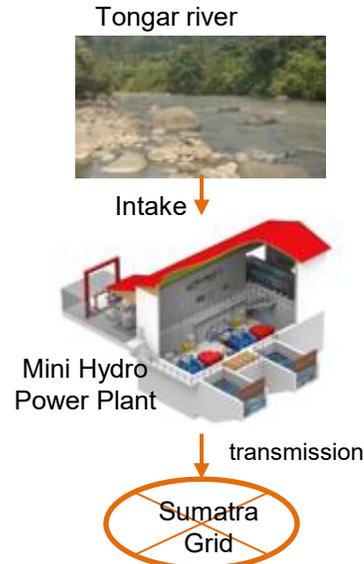


Image of inside view of the plant

Expected GHG Emission Reductions

18,319 tCO₂/year

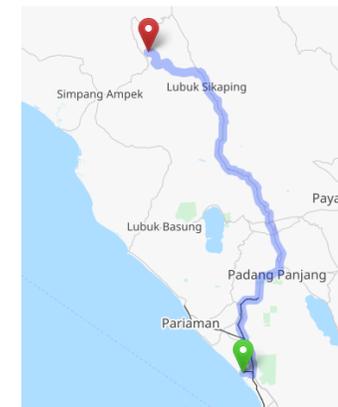
= reference CO₂ emissions
- project CO₂ emissions

• Reference CO₂ emissions
= Quantity of the electricity generated by the project [MWh/year]
x Emission factor [tCO₂/MWh]
= 38,730 [MWh/year] x 0.473 [tCO₂/MWh]

• Project CO₂ emissions
= 0 [tCO₂/year]

Sites of Project

The power plant is located about 100km north-northwest of Minangkabau International Airport in West Sumatra.

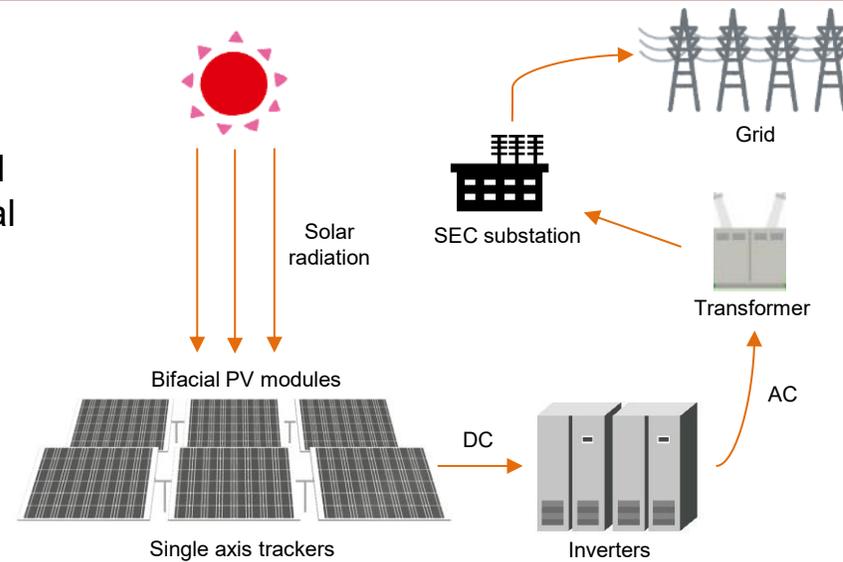


Outline of GHG Mitigation Activity

A 400 MW solar PV plant is constructed in the Rabigh Region.

A new project company is established to build, own and operate the solar PV plant, and sells electricity to a local power company for 25 years from the planned COD. The plant employs bifacial PV modules and single-axis trackers in order to achieve high efficiency in power generation.

This project supplies renewable energy to the grid electricity and reduces greenhouse gas (GHG) emissions in Saudi Arabia.



Expected GHG Emission Reductions

475,393tCO₂/year

= (Reference CO₂ emissions) [tCO₂/year]

- (Project CO₂ emissions) [tCO₂/year]

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

Sites of Project

The site is located in the Makkah region, approx. 119 km north of King Adublaziz International Airport.



“JCM Global Match” a free matching platform

- ◆ JCM Global Match is an entirely free of charge platform which facilitates match making between potential JCM project implementers.
- ◆ Over 1,000 active users have been registered from over 60 countries.



A screenshot of the JCM Global Match website homepage. The header includes navigation links: Home, What is JCM, How to Use, Good Practice, MDBs, and FAQ. The main banner features a photo of hands stacked together, with the text "JCM Global Match" and "A FREE matching platform for decarbonizing businesses!". Below the banner, a paragraph describes the platform's purpose: "This business matching platform is dedicated to support formation of any kind of JCM projects to accelerate diffusion of advanced decarbonizing technologies. You can SEARCH for COMMUNICATE with other users and ADVERTISE your business freely in this site." A section titled "*Major features of the 'JCM Global Match'" lists three features: 1. FIND (Potential partner), 2. ADVERTISE (Your company to other users), and 3. DISCUSS (your business plan). To the right, a diagram titled "Consortium for JCM" shows a handshake between a "Japanese Enterprise" and a "Partner Country Enterprise", with "Consultants, Public sectors" and "Financers" also involved.

Please write your inquiry to jcm-gm@gec.jp

https://jcm-gm.my.site.com/JCMGlobalMatch/s/?language=en_US



Thank you!



Feel free to ask any question on JCM.

Global Environment Centre (GEC)

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

E-mail : jcm-info@gec.jp

JCM Implementation Agency (JCMA)

On April 1, 2025, the Japanese government designated GEC as its JCM Implementation Agency (JCMA), who carries out operation of the JCM, and takes actions for the effective implementation of JCM projects.

URL: <https://gec.jp/jcm/agency/en/>

