



Webinar

Workshop for the Joint Crediting Mechanism (JCM) utilization to introduce advanced decarbonizing technology in the PALM countries

Introduction of renewable energy/energy saving project in islands countries utilizing JCM Model Project



22th September 2021

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P R O D U C I N G
T H E F U T U R E

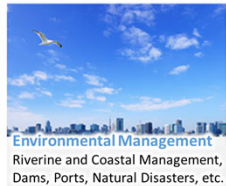
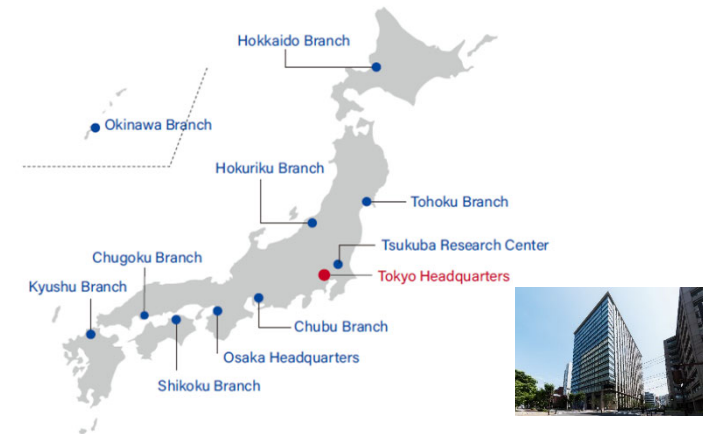
Company profile

Who we are?

PACIFIC CONSULTANTS CO., LTD.

- ✓ September 4th, 1951 established
- ✓ 2,079 employees (as of 2020.10.01)
- ✓ Civil engineering consultants

Domestic and Overseas Business Locations



Company profile

Experiences on JCM Financing Programme



Small Scale Solar Power Plants for Commercial Facilities in Island States (Palau)

Solar Power on Rooftop of School Building Project (Maldives)



Introduction of Solar PV System at Salt Factory (Kenya)

JCM Model Project Formation Study in Republic of Palau

Our Mission

Pacific Consultants Co., Ltd. has been commissioned by Ministry of Environment Japan :

- To **identify possible JCM project candidates,**
- To **assist the project participants** of JCM project candidates to **develop proposal for JCM Financing Programme,**
- Targeted countries in 2021: Maldives, **Palau**, Kenya, Ethiopia and Saudi Arabia and **holding a JCM workshop for the Pacific Island countries.**

JCM Model Project Formation Study in Republic of Palau

Principles of the study

To support achievement of the NDC goals of Palau

- Enhance renewable energy with battery introduction
- Expand renewable energy utilization into other sector such as transportation

Focused sectors in the study

➤ Renewable Energy

- Solar PV
- Wind power



➤ Energy Efficiency improvement

- Replacement low efficient transformer in the grid, water pump, refrigerators etc to high-efficient one.

➤ Transport

- Electric vehicle/ bus
- Electric boats
- Hydrogen from renewable energy



JCM Model Project Formation Study in Republic of Palau

Findings: Challenges for JCM Model Project formation in island countries

Challenges	Possible solutions
Project scale and amount of financial support	<ul style="list-style-type: none"> • Bundling several small-scale projects owned by one project owner • Find out certain scale projects in power sector / private sector such as IPP
Difficulties of transportation project implementation	<ul style="list-style-type: none"> • Develop a JCM project in fixed-route transportation such as public transportation/commune bus so on. • Develop simple MRV methodology for private mobility

Consulting services on JCM Financing Programme

How can I use this grant?

Budget for projects starting from FY 2021 is 8.3 billion JPY (approx. USD 83 million) in total by FY 2023 (including Co-Innovation)

(1 USD = 100 JPY)

Finance part of an investment cost **(less than half)**

Government of Japan

※Includes collaboration with projects supported by JICA and other governmental-affiliated financial institute.

Conduct MRV and expected to deliver JCM credits issued

International consortiums (which include Japanese entities)



- 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.

Tips!

- To apply and utilize JCM Model project well, understanding this program is very important
- Pacific Consultants Co.,Ltd. can support the project owner to understand the JCM Financing Programme

Contact Information

Any questions on JCM and JCM Financing Programme

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