



Webinar on the Joint Crediting Mechanism (JCM) Implementation in Costa Rica

- Utilizing the JCM during the COVID-19 Period -

JCM Model Project Formation Study in Costa Rica



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

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1. Company profile

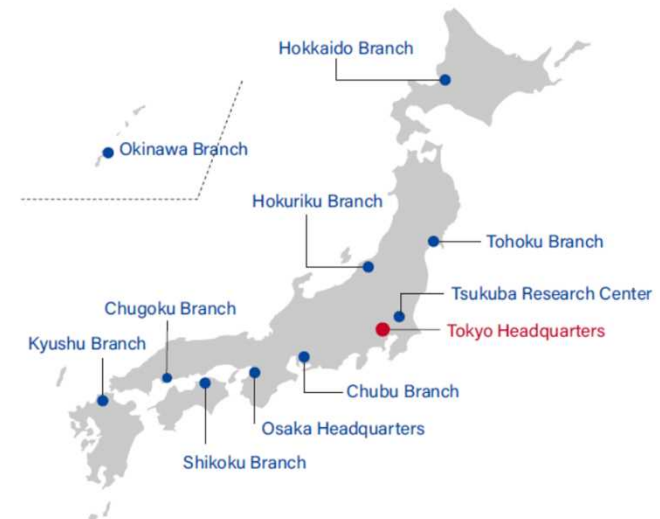
Who we are?

PACIFIC CONSULTANTS CO., LTD.

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



Domestic and Overseas Business Locations



1. Company profile

Business field



Environmental Management
Riverine and Coastal Management,
Dams, Ports, Natural Disasters, etc.



Transportation Infrastructure
Roadways, Railways, Airports,
Tunnels, Bridges, Structures, etc.



Mechanical and Electrical Design
MEP Planning and Design for Large-
Scale Infrastructure and facilities, etc.



Public Sector Management
PPP, PFI, Bidding Support, Public
Asset Management, etc.



Information System
GIS and Remote-Sensing, ITS,
e-Government, etc.



Urban Development
Transportation Planning, Urban
Planning and Design, etc.



Environment and Energy
Water and Sewage, Renewable
Energy, Waste Disposal, etc.



Geotechnical
Slope Stabilization, Soil
Liquefaction, Soil Analysis, etc.



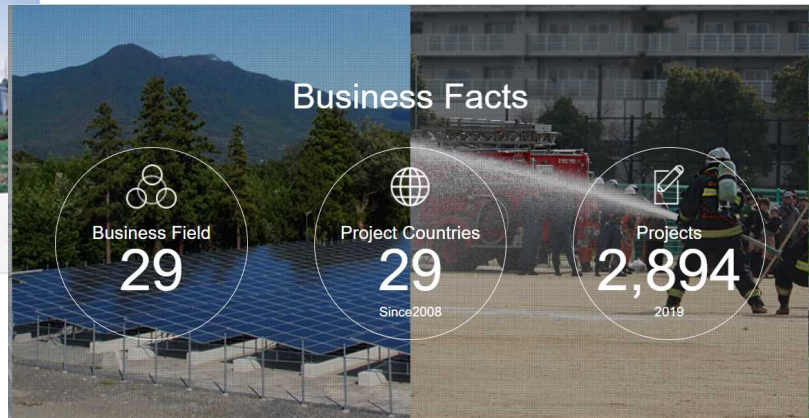
Overseas Projects
ODA, Foreign Government,
Private-Sector Clients, etc.



New Project Development
Smart Community, Wellness,
Regional Energy Management, etc.



Research and Development



1. Company profile

Experiences on JCM Financing Programme



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

Introduction of Solar PV System on Factory Rooftop (Thailand)



Introduction of Solar PV System at Salt Factory (Kenya)

2. Outline of the JCM Model Project Formation Study in Costa Rica

Our Mission

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

- To identify possible project candidates,
- To assist the project candidates to develop proposal for JCM Financing Programme
- Targeted countries: Mexico, Chile, and Costa Rica in Latin America. Also, Maldives, Palau, Kenya, Ethiopia and Saudi Arabia
- Our partner in Costa Rica: Mr. Elliot OMOTE

2. Outline of the JCM Model Project Formation Study in Costa Rica

COVID-19 impacts for the study

■ Restrictions on travel / movement

Concerns;

- To make opportunities to visit project owners and sites
- To make better understanding on JCM and each other
- To obtain information/data
- To find out concrete project candidates

■ Economic stagnation

Concerns;

- Business plan/ investment plan are forced to be adjusted
- Difficult to find out project owners who are interested in JCM/ JCM Financing Programme

2. Outline of the JCM Model Project Formation Study in Costa Rica

Results of activities

- Targeted area/ organizations and actions
 - Private companies/ public organization which are located near San Jose and industrial parks (Free zone)
 - Above contacts made primarily by the local partner for introducing JCM Financing Programme and for information collection

- Activities
 - Listed up 486 organizations
 - Communicated with appx. 30 organizations and introduce JCM Financing Programme through phone/email,
 - Held online meetings with 23 organizations

2. Outline of the JCM Model Project Formation Study in Costa Rica

Results

Challenge

- Due to COVID-19, most of the private companies/ organizations in Costa Rica could not implement new investment
- Electricity in Costa Rica generated by almost 100 % renewable energy (**CO₂ emission factor of the grid is low**), therefore, energy efficiency project has **limited economic benefit**, or less attractive for applicants to JCM Financing Programme
- Other potential field is mega-solar/ wind power projects, or transportation (EV). However, these project/programme require **several years of project development and high investment cost. MRV for transportation project is complicated.**
- Few Japanese private companies having relevant technologies/facilities cover Costa Rica in its sales/service network

2. Outline of the JCM Model Project Formation Study in Costa Rica

Possible solutions

Solution 1: Amount of financial support

- Utilize JCM Eco-lease scheme (if the leasing company can cover the area)
- Additional financial support according to contribution for sustainable development

Solution 2: Issues on transportation project

- Develop simple MRV methodology for private mobility
- Additional financial support according to contribution for sustainable development
- Set a preferred rate for financial support for projects for transportation project

2. Outline of the JCM Model Project Formation Study in Costa Rica

Possible solutions

Solution 3: To cover wider range of sectors

- Strengthening cooperation with JICA's international cooperation projects and other donors/funds
- Consult with companies aiming to introduce new technologies such as hydrogen energy utilization

Solution 4: Further promotion of JCM Financing Programme

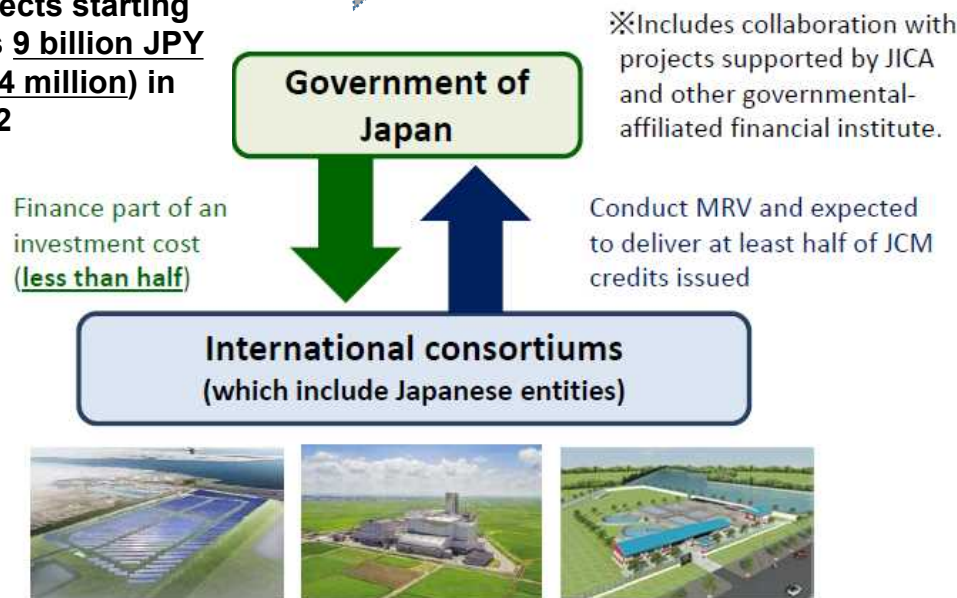
- Enhancing public relation activities of JCM Financing Programme

3. Key aspects to utilize JCM Financing Programme

JCM Financing Programme

How can I use this grant?

Budget for projects starting from FY 2020 is **9 billion JPY** (approx. **USD 84 million**) in total by FY 2022 (1USD=110JPY)



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

- 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 the adoption of the financing and finishing installation within three years.

Request for your project information

Consulting service of Pacific Consultants Co.,Ltd.

**If you will face to any questions, please contact us.
Pacific Consultants Co.,Ltd. can help you to understand JCM
Financing Programme and assist formulating a new project!**

- **Any questions** on JCM and JCM Financing Programme
- **Interested in introducing** the following:
 - ✓ **Renewable energy:**
Solar, Wind power etc.
Grid connected or self-consumption
 - ✓ **Energy saving/transportation project**

- **Guía para la formulación de proyectos de JCM
utilizando el programa de financiación de JCM**



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