

Renewable Energy Deployment Technology Developed in Okinawa

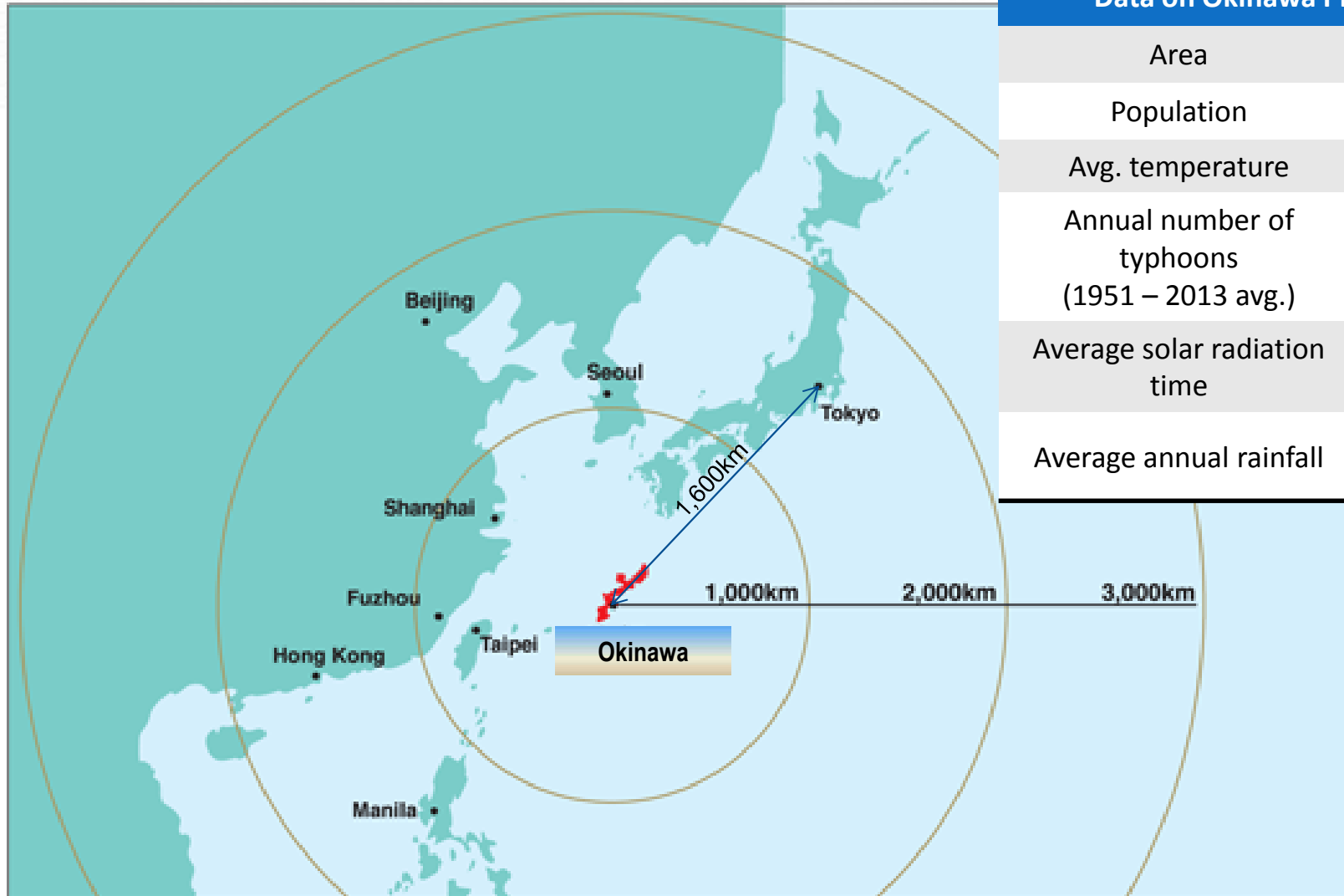


OKINAWA ENETECH CO., INC.

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June 18, 2015

1. Summary of Okinawa Prefecture



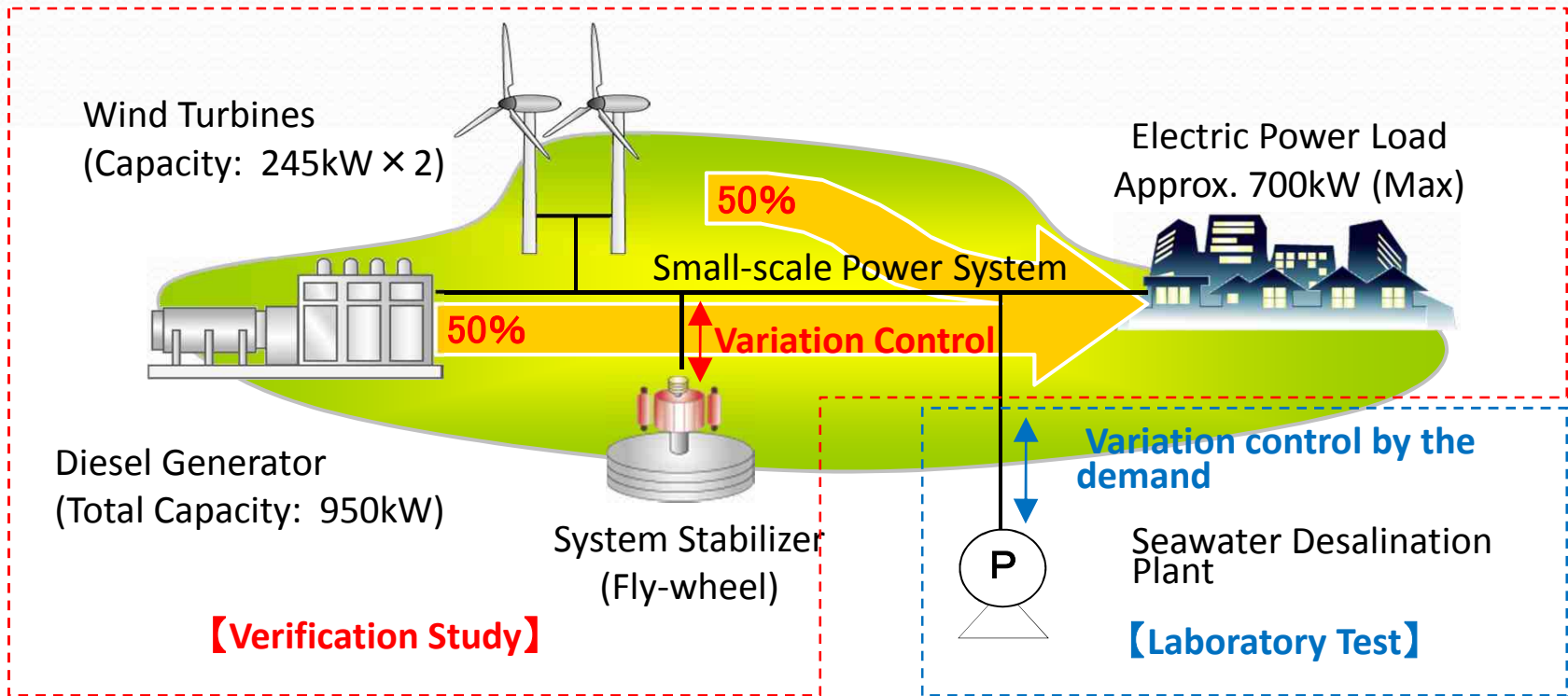
Data on Okinawa Prefecture

Area	2,300 sq. km
Population	1,416,000
Avg. temperature	23°C
Annual number of typhoons (1951 – 2013 avg.)	7.4
Average solar radiation time	1,710 hours
Average annual rainfall	2,040 mm

2. Technology developed in Okinawa



Hateruma Island Project



Wind turbine tiltable system

Flywheel

Seawater Desalination Plant

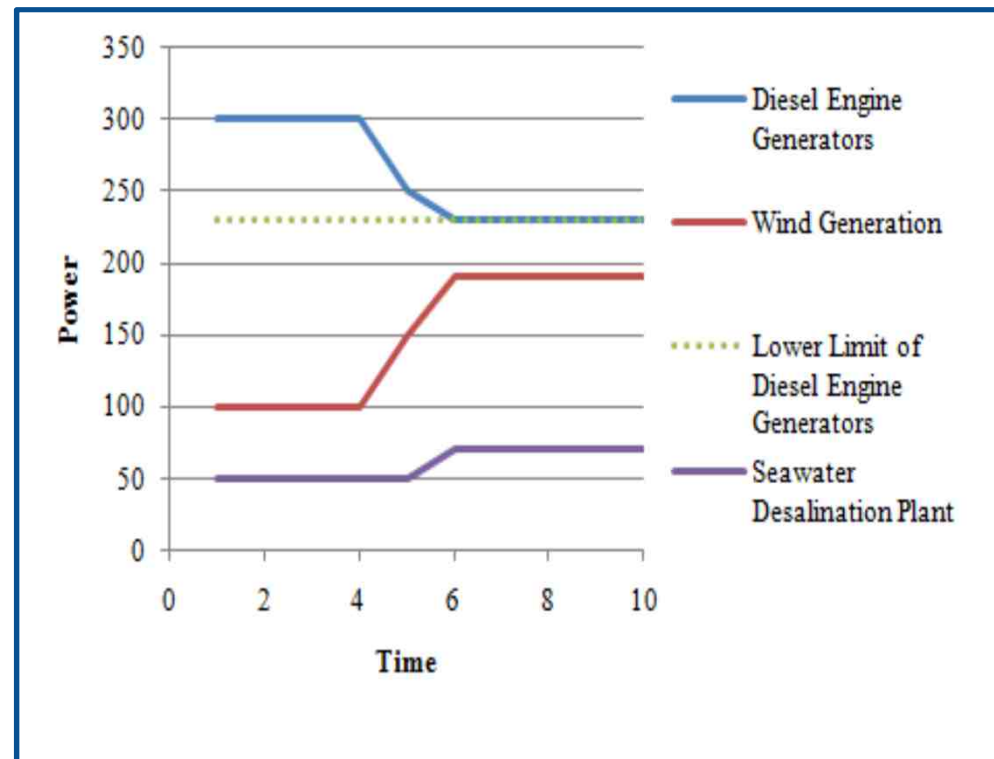
Seawater Tank



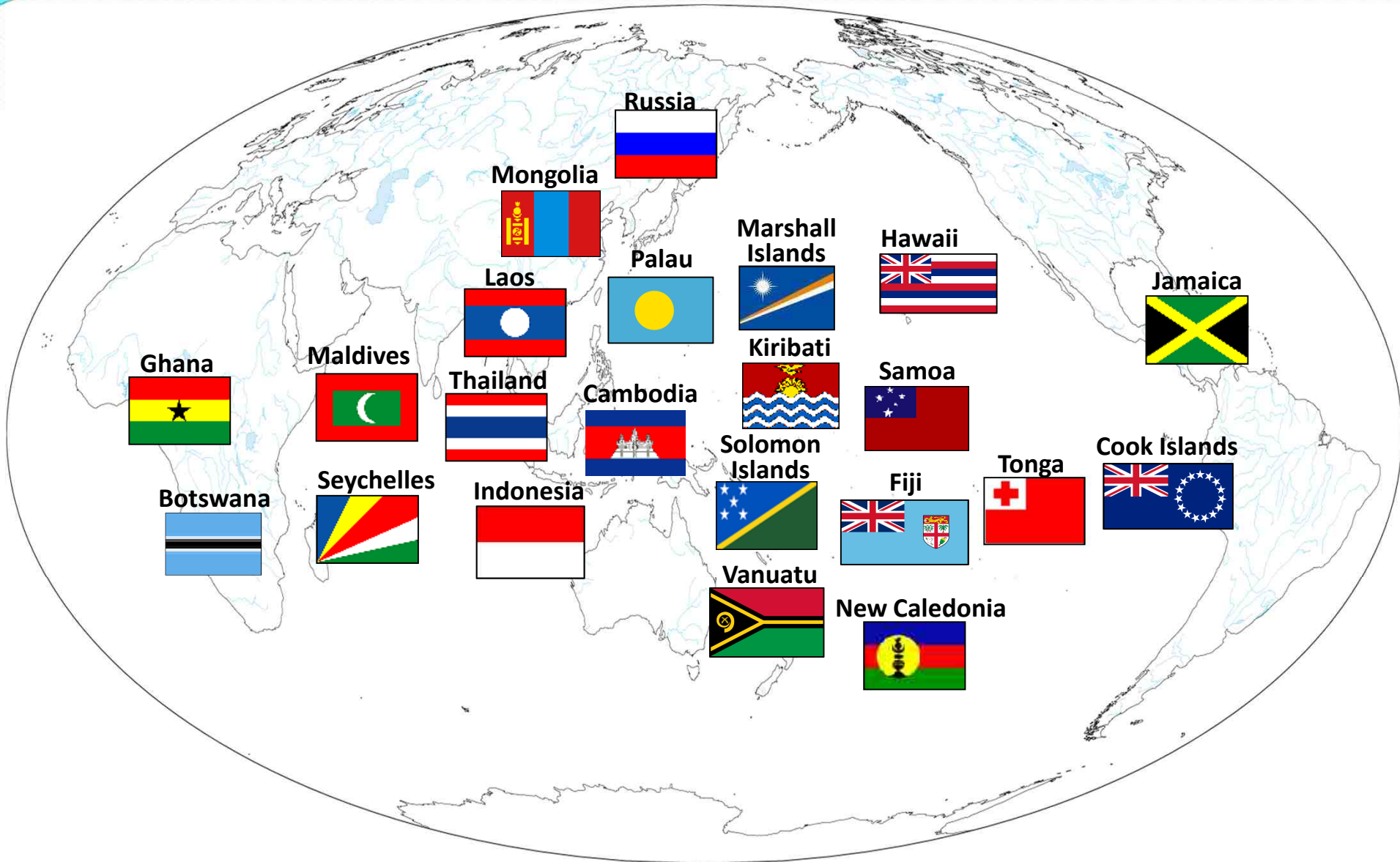
RO Membrane

High-Pressure Pump

DG Output Lower Limit Measures

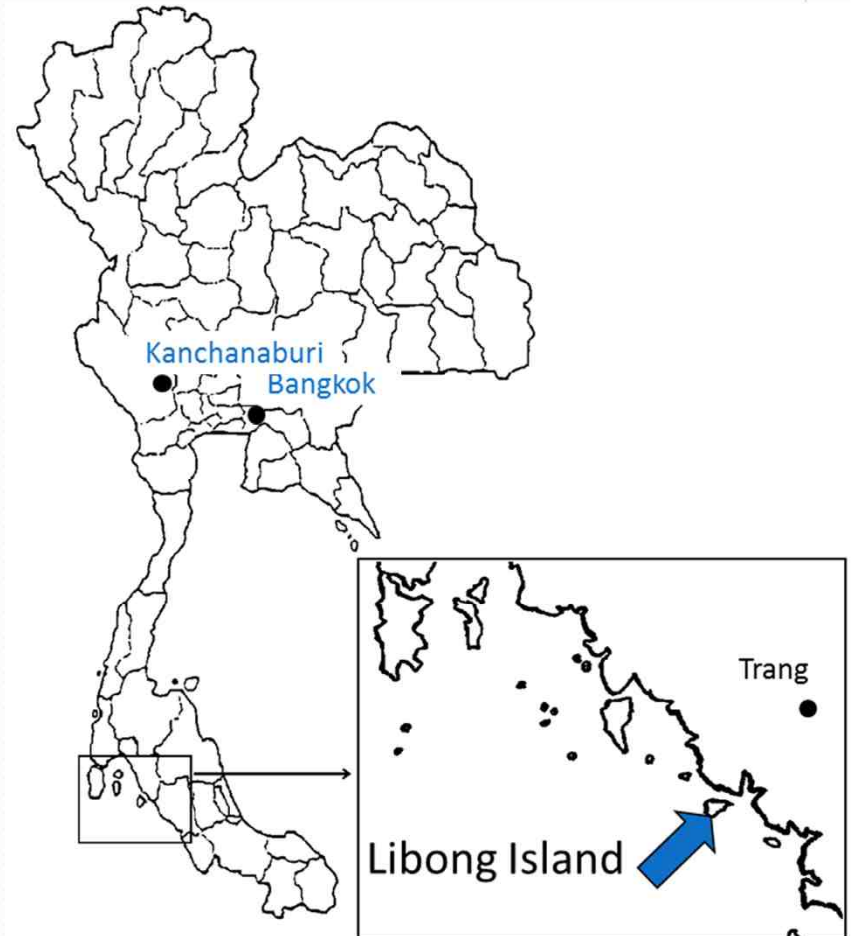


3. Overseas Projects



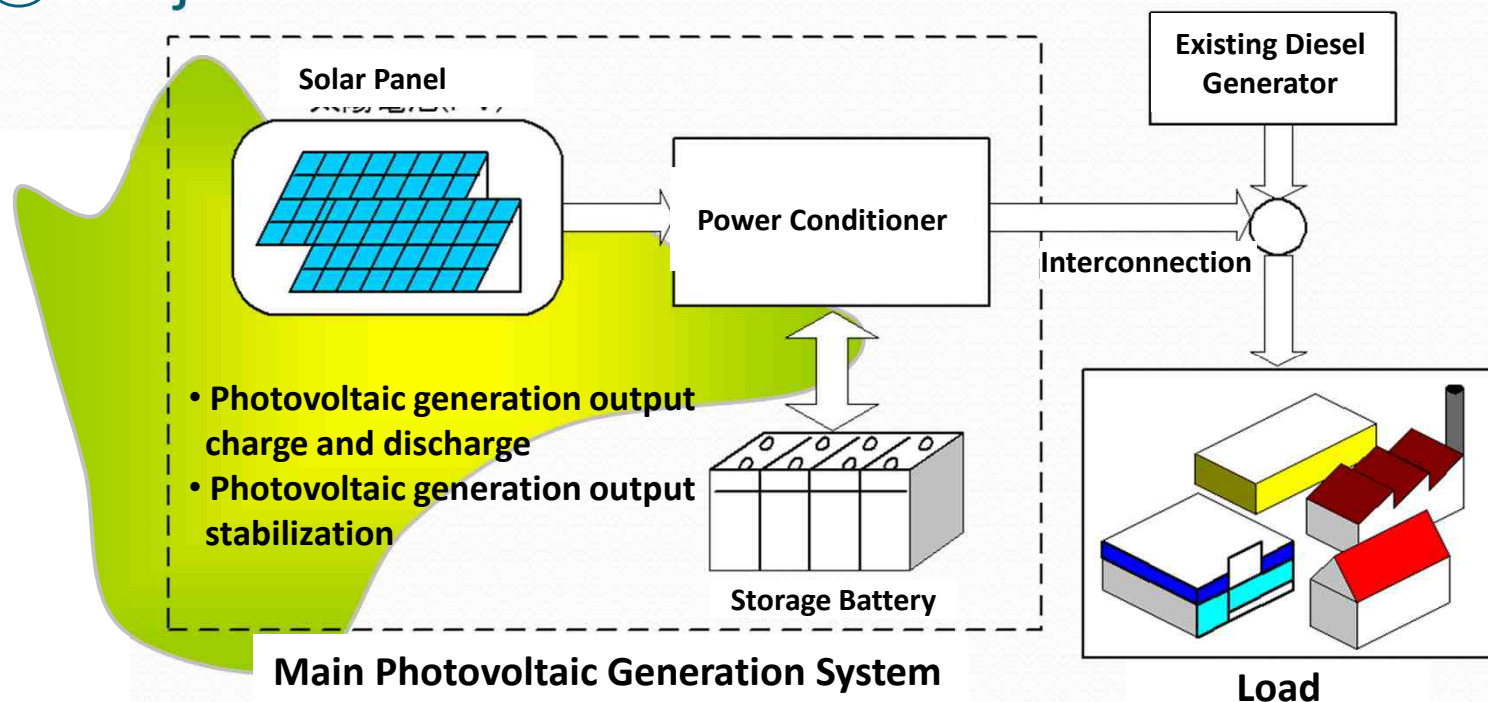
3. Overseas Projects

● System Interconnection Demonstration Project of Photovoltaic Power Generation in Thailand



● Project in Thailand

① Project Overview



● Project in Thailand

② Interaction with Local People

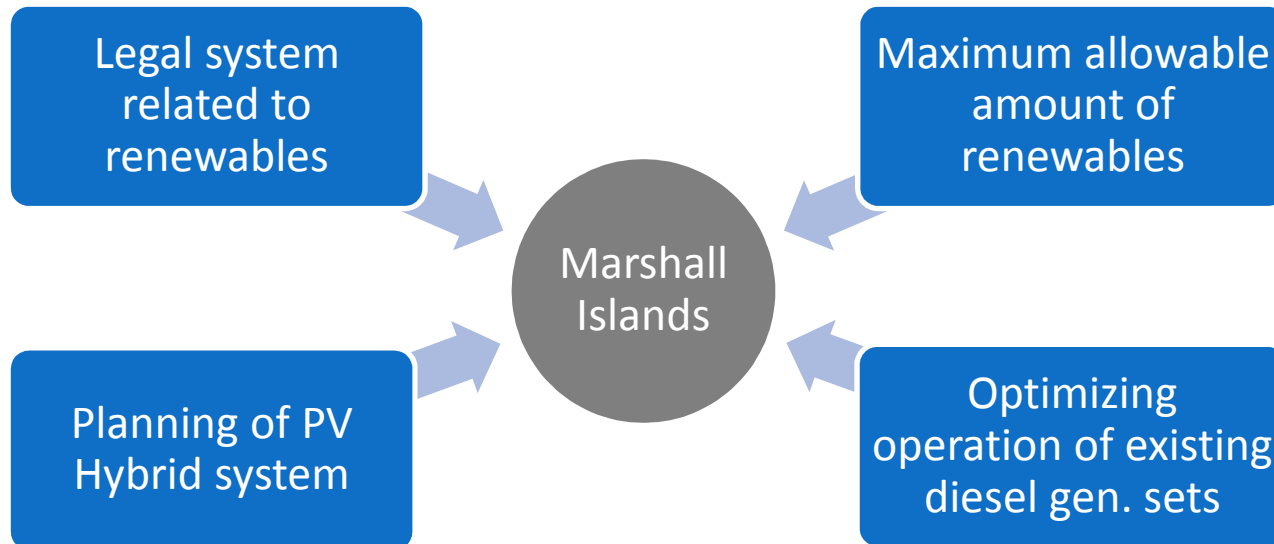
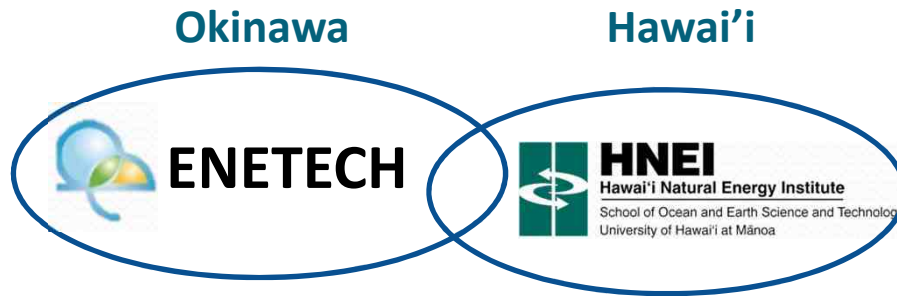


● JICA's ODA project in Republic of Marshall Islands

Project structure



Integration of Okinawa and Hawaii's knowledge and experience to Pacific regions



For a sustainable world...

We would like to deepen technical exchanges with various people around the world to further improve technical capabilities, which makes for a sustainable future.



Thank you very much!



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