

Reference

Outline of the Project

Project name (Technical cooperation project)	Project for Introduction of Hybrid Power Generation System for the Republic of Cabo Verde
Target country	Republic of Cabo Verde (Capital: Praia)
Related government departments and institutions	Ministry of Industry, Commerce and Energy (MICE) Empresa de Electricidade e Água (Electra)
Commission period	March 2021 – March 2023 (2 years)
Main tasks	<p>Improvement of diesel power generation operation and maintenance (O&M)</p> <ul style="list-style-type: none"> Review of O&M standards, improvement of maintenance planning <p>Proposal for hybrid power generation system operation</p> <ul style="list-style-type: none"> Establishment of optimal operation manual, implementation of optimal operation <p>Support for introduction of renewables</p> <ul style="list-style-type: none"> Proposal for measures to promote introduction of renewable energy <p>Training in Japan (using Kyuden Group and Chugoku Electric Power Group facilities)</p> <ul style="list-style-type: none"> Training in diesel power generation maintenance, on-site training in renewables (wind power, photovoltaic) and storage battery systems
Implementation system and main assignments	<div style="text-align: center;"> <p>Japan International Cooperation Agency (JICA)</p> </div> <p>*Kyuden Group : Mainly application of knowledge regarding diesel power generation O&M and introduction of renewables on remote islands. *The Chugoku Electric Power Co., Inc. : Mainly application of knowledge regarding Oki hybrid project and renewable power generation technology.</p>
Outline of Republic of Cabo Verde	<p>Population: 544,000 (2018, World Bank data) Area: 4,033km² (comparable to Japan's Shiga Prefecture) Language: Portuguese (official language) Main industries: Agriculture, fishing GDP: 1.977 billion USD (2018, World Bank data) Economic growth: 5.1% (2018, WB data) Total installed capacity: 223MW including renewables - of 32.4MW (2015, JICA) Generated energy: 489GWh (2018, U.S. Energy Information Administration)</p> <div style="display: flex; align-items: center;"> <div style="margin-left: 10px;"> <p>Source: Ministry of Foreign Affairs website</p> </div> </div> <div style="text-align: center;"> <p>Source: U.S. Energy Information Administration</p> </div>