

Impacts of Our Expert
Policy Assistance

Oceania

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Section 1: Country-Specific Impacts:

Indonesia

1. Facilitating Capacity Building

The Clean Energy Solutions Center is assisting the Energy Efficiency in Industrial, Commercial, and Public Sector (EINCOPS) Directorate General of New Renewable Energy and Energy Conservation, Ministry of Energy and Mineral Resources with developing approaches for engaging banks on energy efficiency financing programs. Information provided under this request summarized outreach and education activities designed to engage banks in offering financing for energy efficiency projects, as well as best practices on relevant approaches in identifying financial partners, and understanding of potential barriers to successfully engaging financial partners. Ongoing assistance is being provided to the Indonesian agency to develop an energy audit certification program and supporting curricula for industry and commercial sectors.

Impact of Assistance

The support provided under the financial institution engagement request will be used to facilitate capacity building for financial institutions in collaboration with the Central Bank of Indonesia. The information will also be used to forge an agenda and materials for an upcoming workshop (date TBD) for national banks in Indonesia. Assistance provided for the energy audit certification program will be used to design and develop a successful and replicable program, and supporting curriculum unique to Indonesia's needs. As such, Indonesia will have a program in place to foster capacity building and job creation.

Malaysia

1. Supporting Effective Feed-In Tariff Development in Malaysia

Micronesia

1. Assisting With Energy Policy in the Federated States of Micronesia

The Clean Energy Solutions Center is assisting the North Pacific ACP Renewable Energy and Energy Efficiency Project (North REP), Economic Development Division with developing regulatory requirements, road mapping, and financing programs to support compliance of energy targets defined in the 2008 Energy Policy. This assistance will be provided in close collaboration with the Assistant Secretary for Energy of the Federated States of Micronesia (FSM) and the Secretariat of the Pacific Community. Discussions to develop a Memorandum of Understanding for collaboration are in progress.



Impact of Assistance

The policy analysis and regulatory development assistance provided under this request will create a framework for legislative annexes needed to support successful achievement of policy clean energy targets. As such, FSM would achieve an increase in share of renewable energy more than 30 percent by 2020, and improve energy efficiency 50 percent by 2020.

New Caledonia

1. New Caledonia Increasing Renewable Energy in the Industrial Sector

The Clean Energy Solutions Center worked with the government of Nouméa, New Caledonia to identify policy solutions with the goal of increasing the share of renewable energy power sources within the industrial sector. Objective analysis was provided on energy policy and strategy options for establishing renewable energy targets, renewable portfolio standards, phase-out policies, emissions standards, and carbon pricing.

Potential Impacts

The Solutions Center provided the government with objective analysis to support informed decisions on policy solutions that will allow a higher penetration of renewable energy in the industrial sector, leading to a reduction of emissions and helping the country meet its renewable energy targets.

Palau

1. Financing Renewable Energy in Palau

The Clean Energy Solutions Center assisted the Government of Palau in response to requests from the Palau Energy Administration under the Ministry of Public Infrastructure, Industries and Commerce. Solutions Center experts provided support on several requests to aid in deployment of clean energy technologies in the country. The experts assisted by:

1. Provided objective analysis through a review of draft regulations for independent power producers in the country, covering both solicited (i.e. tendered) and unsolicited bids. This review provided information to aid the government in finalizing the regulations and translating them into law.
2. Helped to develop a tariff framework for solar PV projects developed by independent power producers (IPPs) and for projects developed by the national utility; the Palau Public Utilities Corporation. In conducting the analysis, Solutions Center experts considered alignment with Palau's net-metering and net-billing policy and looked at a range of scenarios to better understand how reaching the country's 45% renewable energy target would impact electricity rates for customers and cost impacts on the utility.
3. Provided cost-benefit analysis of feed-in tariffs for power purchase agreements, delivering an overview of different cost ranges and the potential impacts of each. Each scenario evaluated data inputs based on resource quality, availability of concessional financing, and various project sizes in order to provide an indication of the impact of economies at scale.

Potential Impacts

Collectively, the assistance provided through the Solutions Center's Ask an Expert Service could help the Government of Palau to achieve its goal of scaling the share of renewable

energy to help them meet their goal of 20% by 2020 and 45% by 2025. Additionally, this objective analysis offers the government information to help them make decisions on how to develop and deliver cost-effective solar power to Palau residential and commercial customers and reduce its reliance on costly imported diesel fuel.

Small Pacific Island States

Building Capacity for Africa and Pacific Islands

On-site expert assistance was provided in collaboration with the International Renewable Energy Agency (IRENA) for Small Island States and African Nations at the Japan-IRENA training program on *Setting Renewable Energy Targets*. The training focused on the policy aspect of designing and implementing optimal renewable energy targets. Assistance focused on the design of tariff-based support policies, such as feed-in tariffs and auctions, and financing options for these policies. The audience consisted of policymakers in the renewable energy sector from Africa and the Pacific Islands.

Impact of Assistance

This training afforded policymakers the opportunity to learn good practices on how to design policies and programs that are compatible with renewable energy target-setting objectives, including affordable prices, grid stability requirements, and design elements from an investor perspective. As a result of the support provided at the workshop, policymakers have the tools to design successful policy responses to market fluctuations, and regulators have enhanced capacity to evaluate laws, adapt tariffs as needed, and benchmark best practices for renewable integration.

COMMENT FROM REQUESTOR

"The feedback from trainees was excellent, indicating the high quality of lectures. In particular, the Solutions Center contribution was very well received and added significant value to the discussions, which was reiterated by the trainees." – Gauri Singh, Director, Country Support and Partnerships, IRENA

Tonga

Increasing Energy Efficiency in Tonga

The Clean Energy Solutions Center worked with the Government of Tonga to provide training on implementing high priority policies identified in their energy efficiency master plan. Practical advice was provided on implementation strategies for minimum energy performance standards, building standards, energy audits, building and energy resiliency, and the transport sector.

Potential Impacts

The Solutions Center assisted the government on training for implementation opportunities for least-cost and high-priority policy options identified in their energy efficiency master plan.

Section 2: Additional Assistance Provided

- Country representatives from **Kiribati** attended a Solutions Center/International Renewable Energy Agency capacity-building workshop that convened South Pacific Island and African nations.
- The Solutions Center developed a renewable energy e-learning training program for the **Asia Pacific Economic Cooperation Energy Working Group**, which informs energy policymakers, draws advice from the business community and industry experts, and collaborates with other international bodies.
- Country representatives from **Fiji** attended a Solutions Center/International Renewable Energy Agency capacity-building workshop that convened South Pacific Island and African nations.
- The Solutions Center provided information on good practices regarding policies that can help **Indonesia** overcome challenges to meeting its Mission Innovation low-carbon energy targets.

- The Solutions Center advised **Indonesia's** Ministry of Energy and Mineral Resources on business models and financial incentives that can encourage rural electrification using renewable energy.
- The Solutions Center worked with **Indonesia's** Institute for Essential Services Reform on the development of an institutional framework that can sustain a rural electrification program.
- Country representatives from the **Marshall Islands** attended a Solutions Center/International Renewable Energy Agency capacity-building workshop that convened South Pacific Island and African nations.
- Country representatives from **Mozambique** attended a Solutions Center/International Renewable Energy Agency capacity-building workshop that convened South Pacific Island and African nations.
- The Solutions Center supported **Palau** in developing and implementing a monitoring, reporting and verification system for renewable energy and energy efficiency.
- The Solutions Center provided consultation to the **Philippines** on its energy efficiency and renewable energy policy portfolio, as well as regulations and mechanisms for attracting increased private investment.
- Country representatives from **Samoa** attended a Solutions Center/International Renewable Energy Agency capacity-building workshop that convened South Pacific Island and African nations.
- The Solutions Center worked with the **United National Economic and Social Commission for Asia and the Pacific** (ESCAP) to identify and fill gaps in its 2017 policy theme study, Regional Cooperation for Sustainable Energy in Asia and the Pacific.
- Country representatives from **Vanuatu** attended a Solutions Center/International Renewable Energy Agency capacity-building workshop that convened South Pacific Island and African nations.