

# PROJECT BRIEF

March 2018

EU-GIZ ACSE  
ADAPTING TO CLIMATE CHANGE AND SUSTAINABLE ENERGY



PACIFIC ISLANDS  
FORUM SECRETARIAT



giz Deutsche Gesellschaft  
für Internationale  
Zusammenarbeit (GIZ) GmbH

## A Pwiyeiy bwio - light up my land Nauru Energy Road Map 2018 to 2020

### Agency Action Plans

#### Nauru: Enabling the Implementation of the Nauru Energy Road Map

#### Background

Nauru is a small raised coral equatorial island in Micronesia of 21 km<sup>2</sup> with a population of approximately 10,200.

The country is 100% electrified. During the years of high phosphate production, industrial use dominated Nauru's energy consumption. That use has reduced and the domestic sector is now the dominant consumer of electricity. Decades of very low, or no, electricity costs for energy consumers has resulted in a much higher per-capita energy usage than is seen in most Pacific Island Countries (PICs). The current electricity demand is estimated at around 3.3 MW, with an average household electricity consumption of about 400 kWh/month. Nauru Utilities Corporation is the only electricity provider.

The Nauru Energy Sector Road Map 2014-2020 was developed and endorsed by Government of Nauru in 2014 and now serves as an implementation plan for Nauru's Energy Policy Framework developed in 2009.

#### Project Objective

The project will **establish an enabling environment for the implementation of the Nauru Energy Sector Road Map**.

This will contribute towards Nauru achieving the sustainable energy component of the National Sustainable Development Strategy 2005-2025 (NSDS, revised 2009); 'Provide a reliable, affordable, secure and sustainable energy supply to meet the socio-economic development needs of Nauru'.

#### Project Summary

**Location:** Nauru

**Objective:** Establish an enabling environment for the implementation of the Nauru Energy Sector Road Map

**Implementing Agency:** United Nations Development Programme (UNDP), Suva, Fiji together with Nauru Department of Commerce, Industry and Environment, Climate Change and Energy Division

**Budget:** € 200, 000

**Duration:** 2017—2018

#### Current situation

Imported petroleum products are the main energy source in Nauru. Fuel demand is about 10 million litres per year and Nauru has a relatively high fuel supply security of (estimated) 73 days.

Since 2005, a number of policies and legislation impacting the development of the energy sector on the island have been introduced through the economic reform programme. However, these predominantly focus on the supply of electricity and lack attention to the fuel source.

The institutional roles and responsibilities of the various players in the energy sector have not been well defined and coordination mechanisms have not been operationalised. There is a lack of formal mandate for the Government Department carrying out national policy and planning functions. Processes and procedures are in some cases unclear and require further development. In addition, limited financial resources and staff capacity constrain the functioning of institutions.

A legislative framework is required which provides for an appropriate governance regime including consideration of an overarching energy legislation.

## What Is EU-GIZ ACSE Doing?

The EU-GIZ ACSE programme supports fifteen Pacific island countries in addressing the challenges of adapting to climate change and reducing their dependence on fossil fuels.

GIZ is supporting the Government of Nauru to develop an overarching energy legislation that will strengthen the legislative framework for energy sector planning, governance and coordination. It will also clarify roles and responsibilities of related parties. The project will consist of institutional, legislative and regulatory, technical and awareness and capacity development components.

The expected outputs are:

- Energy Unit in the Department of Commerce, Industry and Environment is established and operational;
- Energy sector-wide legislation and regulations for solar photovoltaic systems are established;
- Technical standards developed or adopted for solar photovoltaic systems;
- Capacity of staff and contractors developed on new energy legislation, regulation, and technical standards for residential solar photovoltaic systems

## Organisational Context

The Department of Commerce, Industry and Environment, Climate Change and Energy Division is leading the project with the support of its implementing partner, United Nations Development Programme. Other project partners include Nauru Utilities Corporation, Department of Justice and Boarder Control and Planning and Aid Division, Department of Finance. The project management unit is under the Climate Change and Energy Division.

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