



# Nauru solar farm structure

Who will implement solar project in Nauru?

The executing agency will be the Department of Finance and Sustainable Development. The implementing agency for solar component of project will be the Nauru Utilities Corporation (NUC). NUC will establish a project management unit within their existing organisational structure to implement the project.

What is the impact of Nauru energy project?

The project impact is a reliable,affordable,secure,and sustainable energy supplyto meet the socio-economic development needs of Nauru. The outcome of the project will be that NUC,the state-owned power and water utility,will supply reliable and cleaner electricity.

Why is Nauru a small island developing state?

Nauru is a Small island developing states (SIDs),and islands supporting small communities are a special case both for environment and development. They are ecologically fragile and vulnerable.

How can we mobilize access to land in Nauru?

There is a need to develop a more dynamic legal and regulatory framework which will contribute to mobilizing access to land. Nauru has very limited land (21 sq. kms.) with almost 80% subjected to degradation due to mining. This has resulted in a lack of land for agricultural production as well as development in the tourism and construction sectors.

Is Nauru Utilities Corporation a good company?

In particular, Nauru Utilities Corporation has a well-functioning procurement unit. They have participated in ADB funded Tenders for Power Generation Units, and regularly invite goods and works bids through Tenderlink.

How big is the RPC in Nauru?

The share of RPC-related services reached an estimated 35% of GDP; employment by the RPC peaked at over 1,400 (with over 700 Nauruans) in 2016 or about 29% of the employed labour force,second only in size to the government; and the RPC-related revenues were over \$40 million or over 35% of government's annual revenue (excluding grants).

Nauru"s first solar farm which will reduce our reliance on fossil fuels and complete construction of a climate resilient Port facility. There is more work to be done. Many of Nauru"s key assets are vulnerable to coastal related hazards including sea level rise, coastal erosion, storms, water intrusion and flooding which are projected

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energy resilience by contributing electricity to the national grid.

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The Government of Nauru has set the objective of 50% renewable energy in the grid by 2025. Currently, 807 kilowatt of photovoltaic units are installed on the island, with construction ongoing to install an additional 1.0 MWac as noted above. Nauru also has the potential for an additional 2 MW of rooftop solar availability.<sup>7</sup> Although Nauru

The Solar Power Development Project will finance (i) a grid-connected solar power plant with a capacity of 6 megawatts (MW) of alternating current; and (ii) a 2.5-megawatt-hour, 5 MW battery energy storage system (BESS) to enable smoothing of intermittent solar

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