

# **Mobile solar container off-grid project cost in Burundi**





## Overview

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The average (median) household expenditure in Burundi is estimated to be around US\$ 67 per month. This is calculated by adjusting estimates of the level and distribution of consumption, from World Bank and the Burundi Office of National Statistics and Economic Studies (ISTEEBU), to reflect.

The average solar insolation in Burundi is similar to that of Southern Europe with around 4-5kWh/m<sup>2</sup>/day in the Eastern part of the country and 3.3-4.0kWh/m<sup>2</sup>/day at high altitudes in the Western part of the country. As for wind energy, there are few sites suitable for wind power generation in.

cation. However, there is currently no implementation plan for off-grid solar sector. The 2015 law remains limited in terms of specific legal framework for the development of re-newable energies, but nevertheless the law presents a favorable framework for public-private partner-ships and allows.

ancial analyses for concrete business examples. The two Model Business Cases included in this package analyse: 1) a tea factory that develops a SHP project to power its operations; and 2) a hybrid solar PV-small hydropower mini-grid that provides electr market exploration and pre-feasibility.

The average residential electricity tariff in Burundi is among the highest globally, reaching up to 0.31 \$/kWh for higher consumption levels. 2 For commercial consumers, rates range from 11.1 to 22.7 \$/kWh, depending on usage. 3 The electricity supply system in Burundi suffers from high technical.

Over the next few years, the project plans to install off-grid solar systems in 65,000 households in Burundi, as well as providing improved stoves to



300,000 households. The equipment will be manufactured by private sector companies specialised in the production and distribution of off-grid solar.



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[BURUNDI: "Soleil-Nyakiriza" project starts for solar ...](#)



The initiative is expected to provide off-grid solar systems to households, as well as improved stoves for clean cooking. In Burundi, the Rural Community Solar Energy Project, also known as "Soleil-Nyakiriza", is underway.

### **Burundi Market Assessment for Off-Grid Solar and Improved ...**

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