

## Kongres Container

# Madagascar wind-solar hybrid power generation system



## Overview

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Rio Tinto QMM, in support of its commitment to reduce its carbon footprint, signed a partnership with CrossBoundary Energy to build and operate a 30MW solar and wind power plant. This transition to renewable energy is part of Rio Tinto QMM's efforts to build a 'sustainable mine' by adopting.

MADAGASCAR – Multinational mining giant, Rio Tinto Plc has announced that construction of its 8MW hybrid wind-solar project in Madagascar has begun. The facility will consist of an 8 MW solar generation capacity, 12 MW of wind, and 8.25MW of battery storage and will supply power to Rio Tinto's QIT.

Global South Utilities (GSU) has secured agreements with Madagascar to develop a 50 MW solar plant and a 25 MWh battery energy storage system (BESS) in the island nation. Construction has begun on a 5 MW solar plant with 3.2 MWh of battery storage off Madagascar's northwestern coast. The project.

In 2018, Zutari was appointed as technical advisor for a power and fuel supply options study for the mineral sands focused Toliara Project in Madagascar for the Australian Securities Exchange (ASX) listed mining company, Base Resources. After a prefeasibility study and options analysis, Zutari.

With all regions of Madagascar enjoying over 2,800 hours of sunlight per year, the Grande Île is the perfect location for development of solar power, with a potential capacity of 2,000 kWh/m<sup>2</sup>/year. The Government is counting on this potential to fulfill its objective of providing energy access to.

"The hybrid solar plant will be able to supply up to 35% of the electricity needs of the entire Molo system from renewable energy, . Read also- MADAGASCAR: a 1.8 MWp solar PV power plant goes into service in Antalaha. The mine has already started production, as the first shipment of bulk.

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