

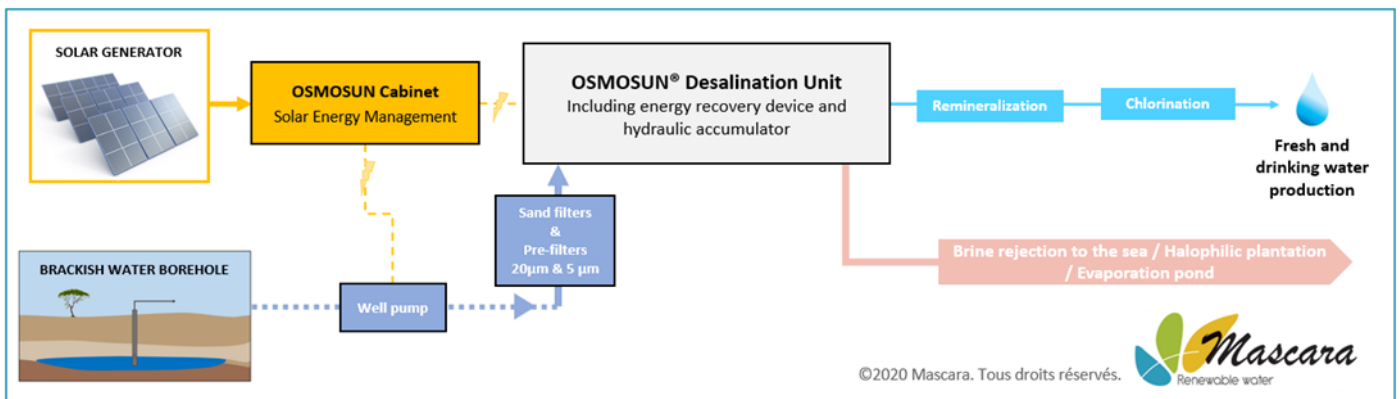
FIRST SOLAR DESALINATION PROJECT IN INDONESIA PAPAGARANG ISLAND, KOMODO NATIONAL PARK



**Photovoltaic Solar Generator
Powering the Reverse Osmosis
Desalination unit OSMOSUN®**

Drinking water daily production of 5m³ powered by 100% solar energy

OSMOSUN® UNIT OVERVIEW



FINANCIAL PARTNERS



PROJECT DESCRIPTION

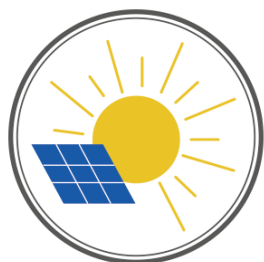
The water supply of the remote islands in the komodo national park, is made through water tank coming from the mainland at high cost and complicated logistic.

This first solar desalination installation without battery in the island of Papagrang allows a better access to drinking water at more affordable price. Designed and implemented by Akuo and Mascara, integrated locally, the installation is now operated by the community. Currently producing drinking water, the system could also provide fresh water and ice to answer the needs of the population.



OSMOSUN® BW 0.75 Installation

TECHNOLOGY'S UNIQUE FEATURES



100% SOLAR ENERGY

Without battery,
without fossil fuel
and no CO₂ emission



STRONG ECONOMIC COMPETITIVENESS

Return on investment
from 3 to 5 years with one of the lowest
water costs



LOW ENERGY CONSUMPTION

1.5 kWh/m³ : lowest level of
advanced desalination
technologies

FIRST STEP TOWARDS 100% RENEWABLE WATER PRODUCTION



This first fully replicable pilot project in Indonesia providing drinking water to 500 inhabitants of the island of Papagarang leads the way to scale up this innovative and sustainable technology for the water supply in the country.

We believe solar desalination without battery is an effective solution to provide water and ice to the numerous remote communities of Indonesia and is a sustainable and affordable alternative to the current water tank transport.

The Solution is here, sustainable and affordable, everywhere for everyone.

CONTACTS

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