Company name	MASCARA RENEWABLE WATER
Partners	ELSEG LDA
Project Title	SEAWATER DESALINATION
Status (planned, ongoing, completed)	Ongoing
Location(s)	Furna municipality - Brava Island – Cape Verde
Technology	Sea water desalination technology: Solar powered Reverse Osmosis without battery
Low carbon desalination scheme (renewable energy supply, energy efficiency, others)	Renewable energy supply with very low energy consumption and with high energy efficiency
Start date – End Date	Starting date: October 2018
Size of the project (Water production and Energy supply)	OSMOSUN® SW 2,6 22 kWp installed Solar powered production: 20 m³/day
Investment size (please specify currency)	200 000 €
Contractor	AGUA BRAVA LDA (public water authority)
Summary of the project	As part of the call for bids "Innovation pour l'Accès à l'Energie Hors Réseau" led by the French Environment and Energy Management Agency (ADEME), the innovative solar desalination project for the city of Furna in Cape Verde was selected among the 91 proposals submitted. Mascara Renewable Water received its award from Nicolas Hulot, the French Minister of Ecological and Inclusive Transition. Replacing the supply of polluted water with potable water with an innovative, autonomous, clean and sustainable solution (fuel and CO2 free). This solution is four times cheaper that the current one (€1.5/m3 vs €6/m3 today). This project is the result of 20 years of collaboration with the Cape Verdean company ELSEG led by Mr. Rui Amante Da Rosa. The drinking water available in Furna will improve the sanitary conditions as well as the economic and touristic development of the island. This exemplary project may be duplicated into the many islands of Cape Verde, the Pacific, the Caribbean and the Indian Ocean. as Caribbean Region.
Website	http://mascara-nt.fr/en/
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GCWDA Clean/ Low Carbon Desalination Projects Database