



Energizing Idugo Island 230kWp Mini-grid

ENERSOL & AZIMUT 360 IN PARTNERSHIP WITH TECNEL SERVICE – MAKING USE OF THE LOCAL CONTENT CAPABILITIES – PERFORMED RECENTLY A VAST AND COMPLEX OPERATION, USING SMC PESCHAUD BOAT, IN A UNIQUE AND REMOTE PLACE OF MOZAMBIQUE

Idugo is an onshore Island close to Pebane, 7 hours from Quelimane, without road access and harbors. All preparation works to transport the goods commenced in October 2023. Despite being an extremely challenging operation due to the access conditions, without access by land, the mission was carried out successfully. It was the culmination of an broad effort, ranging from engineering skills and logistic knowledge to bring energy and development to the local population. It should be noted that, during the works, the entire community was involved, with a large part of the workers being locals and hired to participate in the operation.

The local leader embraced the mission with great enthusiasm and a feeling of gratitude for the work aimed to develop the island. The massive logistical operation from Pebane to Idugo Island moved the entire community and brought hope to access to electricity. The embedded and very strong social aspect helped our teams in succeeding with this challenging phase of this project.



- ✓ 9.000 sandbags to build a temporary pier, to off load all the cargo;
- ✓ 8 Trailers of 33 Tons each, in 3 rotations, in the high tide of November 2023;
- ✓ Full operation spanning 10 days;
- ✓ 230 workers engaged, 3 engineers and 8 supervisors;
- ✓ 1M USD of material dispatched;
- ✓ Constance Boat 450T capacity, 290 m2 area, 12 containers/trailers;

Tecnel's experience is very broad and comprehensive, from PV solar applications to Power Systems, being the most experienced Mozambican electrical contractor working above 400 kV. Operating in Mozambique since 1977, Tecnel currently employs 95 workers, is committed to the country's values, supporting the transfer of knowledge from experts to local communities and is committed to a high level of social responsibility.



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