

## Association pour le Développement de l'Energie Solaire Suisse – Madagascar

St. Augustin, July 2010

To whom it may concern

ADES is a Swiss founded NGO (non-governmental organisation) and a non-profit organisation which produces solar cookers in Madagascar and supports the use of renewable energy sources. In 2009, the organisation extended the scope of work with a pilot project for the use of solar technology for electrification in rural areas (lighting, radio, cooling for medicine, water heating and water treatment).

Within the framework of this pilot-project Trunz Water Systems AG supplied a solar powered water treatment unit in order to demonstrate their independent and sustainable solution for the supply of clean water.

ADES is the host of this installation in St. Augustin and secures fair distribution of fresh, clean water to the people in the village as well as a regular maintenance service.

The solar powered water treatment system has been working continuously purifying the organically contaminated borehole water. It has produced approx. 2'000 litres of drinkable purified water on a daily basis as we do not always run it for the full 24 hours (full capacity: 20'000 l/d).

Although the climate challenges are very tough with high air temperatures and dust, the unit continues to function under these harsh conditions.

We are impressed with the easy operation/handling of the unit. Our local ADES technician installed the unit and regularly maintains it without further assistance necessary from Trunz. Daily supervision of the unit remains in the responsibility of the local operator in St. Augustin who was trained by our technician.

Thanks to the automatic backflushing filters, there are almost no consumables within the unit (exception: activated carbon filter). We believe that this circumstance is very important and supports a successful operation of the unit also for people without technical education.

We believe that the Trunz Water Systems provide a reliable solution, especially for regions without existing infrastructure. From our experience with the system in the last few months, we recommend Trunz Water Systems as supplier for water treatment systems in remote communities and developing countries. High quality components in combination with solar power allow a long-lasting and environmentally friendly operation of the Trunz Water Systems.

Yours sincerely

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