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## Providing water purification solutions worldwide



Trunz Water Systems manufactures and supplies a cost effective and environmentally friendly solution for water purification with a unique solution: mobile and independent with solar and wind power. Read about their work in Pakistan and South Africa.

**Successful operation of water purification and desalination units**  
Global Life Water, distribution partner in Pakistan

Over the last 1 ½ years three water purification units have been operated and maintained for research purpose by Global Life Water, exclusive distributor for Trunz Water Systems in Pakistan.

The solar powered desalination unit has been working continuously purifying the heavily contaminated water of the Arabian Sea which has besides salt content, had an oil spill, contains heavy acidic chemicals and industrial waste. It has produced 600 to 1,000 gallons of drinkable purified water on a daily basis.

In Karachi, the water purification unit using an ultra-filtration membrane has been supplying water to over 3,500 people in Karachi and working in Jacobabad on solar energy in this rural area without any problems and minimal maintenance. The unit in Jacobabad has even created an entrepreneurial spirit as villagers take turns selling the 5,000 gallons of water it produces to other villages in the surrounding area.

"We had the opportunity to research the efficacy of the desalination solar unit using reverse osmosis as well as the water purification unit using an ultra-filtration membrane. We are impressed by the function of the units under the harsh conditions in Pakistan and the easy maintenance of the units", says Lin Armstrong Sharwood, CEO and President International of Global Life Water.

**First operation of a Trunz Water System at the Lynedoch EcoVillage**  
Water4Africa, distribution partner in South Africa

On the 8th of February, 2007, a solar/wind powered water purification system of Trunz was installed at the Lynedoch EcoVillage. This unit can process water from lakes, rivers, boreholes, ocean seas and even semi-treated effluent from sewage treatment facilities, transforming polluted water into potable quality water. The system can purify approximately 15,000 litres of water per day.

The aim of the Lynedoch EcoVillage it to establishment a socially and economically viable mixed community, which is centred around a learning precinct and practical and working example of an ecologically designed urban system that uses local replicable technologies.

For further information on the EcoVillage research please [click here](#).

**Trunz Water Systems AG**, based in Switzerland, manufactures and supplies a cost effective and environmentally friendly solution for water purification with a unique solution: mobile and independent with solar and wind power. The units are operated as stand alone solutions and are ideal for remote areas without electricity, disaster relief, village level water purification and in multiples even for small resort application. The systems are very compact, easy to install and to operate. Trunz Water Systems were delivered to approximately 15 countries.

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