

CASE STUDY TIMOR LESTE

WATER SHOP AT THE CANOSSA COMORO SCHOOL IN DILI

Location

Canossa School, Dili

Introduction

The first water shop in Timor-Leste using a Trunz water treatment unit is installed at the Canossa Comoro School in Dili. The sisters distribute the water to the 4000 children/students of the school and additionally, the water is sold to local markets/shops in Dili. Scope Asia of Timor in collaboration with the Timor Foundation made great progress with the opening and operation of the very first water shop in Dili that is based on a sustainable and environmentally friendly approach:

- Innovative bag-in-box system that is using a special plastic film which is recycled locally
- Vocational trainings about operation and management of water shops
- Education of school children and teachers about water and hygiene related topics
- Technical trainings to local operator performed by Trunz

For more information please visit www.timor-foundation.com



Ø amount of people served	approx. 400-600 people per week
Water source	water collection tank
Common contamination in raw water	biological contamination
Ø distance from source water to unit	20 meters
Ø water temperature	approx. 20-25° C
Ø air temperature	approx. 30° C
Site preparation work	house, tanks, electricity

Technical layout

1 Communal water supply
2 Raw water tank
3 Connection pipe to unit
4 Trunz Wall Mounted TWM
5 Silver disinfection unit
6 Clean/treated water tank, incl. level switch
7 Feed pump for bottling/filling unit
8 Bottling/filling unit

