

Assist a village in Mozambique for 3000 US\$, incl. well, pump & training

Summary

Some 8 million people in rural Mozambique do not yet have access to an improved water source (MDG7). In areas without rocks and water levels of 35 meters or less, wells can be made with manual drilling and if combined with locally produced Rope pumps the cost of rural water points can reduce 50 to 70% as compared to machine drilled boreholes and imported hand pumps. Some 1000 water points in Tanzania have been made this way. If water quality is a problem, it can be purified with chlorine or household water filters like Table top filters. Knowledge of this and other low cost **Smart Water Solutions** are transferred to the local private sector by the SMART Training centre of the local organization GSB in Bilibiza (Northern Mozambique) and is assisted by the Dutch organizations Arrakis and Aqua for all.

A SMART Centre has functions like:

- Demonstration of new low cost Water and Sanitation options
- Training of NGOs and private sector in production, maintenance, business skills,..
- Quality control of products and certification of producers
- Support in policy making regarding water and sanitation
- Assist with building up micro finance options for customers

Walking for water

First funds for the centre were raised by the Dutch Rotary club Duiven and others with the very effective fund raising action **“Walking for Water”** (Children walking 6 km with 6 liters of water).

Results of the SMART Centre

- In the first year some 10 tube wells were drilled and Rope pumps installed. Success rates in producing quality wells has increased 30% through training.
- The drillers and pump producers discovered; “simple is not easy”
- Because of the low cost, wells and pumps are now also sold to families for Self-supply

What does 3000 US\$ do?

For 3000 US\$ you **assist a village** up to 150 people or a school to get a hand pump and hand drilled well to 30 meters deep. Average cost is 1500US\$. For the other 1500US\$ the centre trains the users in maintenance and local well diggers and metal workshops in production, installation, marketing, business skills, quality control etc. This creates a supply chain of low cost products that will go on after projects stop and so result in a **“Profit based sustainability”**. Information, see website of SMART Centres.

Interested to support action that trains people in Mozambique in solving their water problems?

Then send a donation to; **Bank Account: IBAN number: NL39 RABO 0334 2140 17, RABO Bank Veldhoven** Swiftcode: RABONL2U, Contact Department Payments Tel Nr: + 31 (0) 40 – 230 66 61 e-mail: info@veldhoven.rabobank.nl

Account holder: ARRAKIS, De Olieslager 7, 5506ER, Veldhoven

Contact person: Mr. J.de Jongh, Tel nr: 0031 40 2819454

Mention; Assist a Village, Mozambique



Training at a SMART Centre

Manual tube well drilling, to 40 m

Improved source & Rope pump

Info on SMART Centres www.mzuzusmartcentre.com www.arrakis.nl

www.connectinternational.nl