

# CCAP SMART Centre Malawi



# Results since start 2012

- Over 60 artisans trained
- 8 local companies functioning





# Drilling technologies

Mzuzu, SHIPO, EMAS

25 to 50 m. Cost: \$250 - \$1000





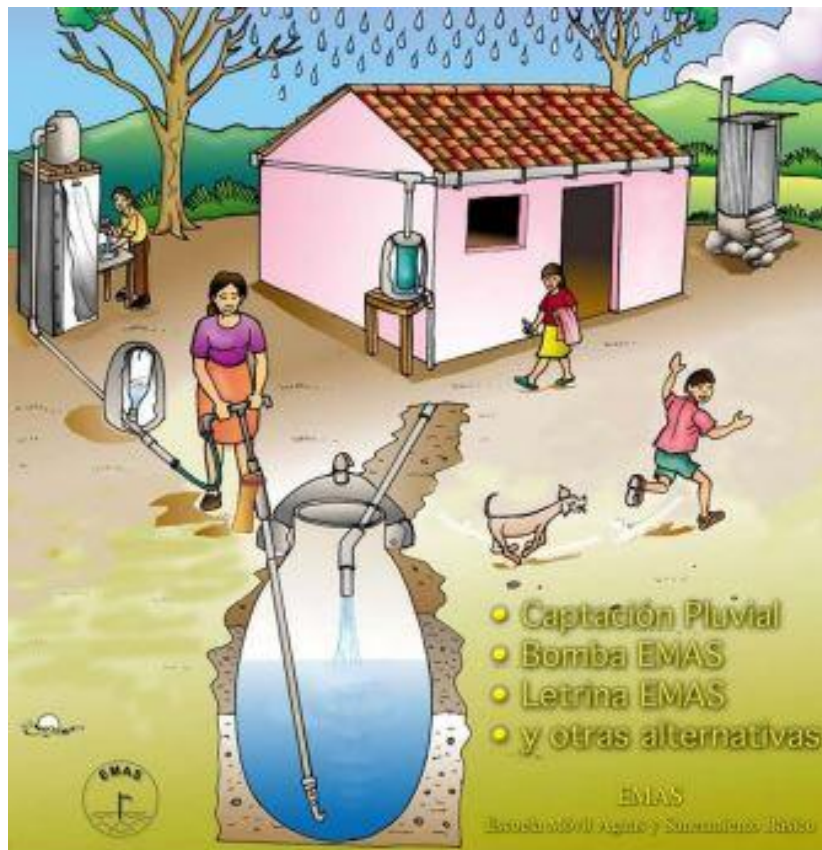
# Pumps

- EMAS, Rope, Solar pumps
- Depth to 40 m. Cost: \$ 40 - \$300



# Rain water storage

- Wire-brick cement tank
- EMAS tank. 0.8 bag cement/m<sup>3</sup>
- Tube recharge





# Household water treatment

- Local production Table top filters in Malawi.  
Cost \$12



# Sanitation

- SaTopan latrines Cost \$10 - \$30



# Effect SMART Centre Malawi. Mr. Mzumala

In 6 years from well digger with a bike to a drilling company with a car and 3 drill teams !





# Challenges

- Control on quality of technologies for instance some untrained welders make bad rope pumps
- Number of projects reduced so less funds to pay salary manager, rent of office, etc
- ...



Thank you