



SMABARREL



70 million people in Ethiopia do not have direct access to drinking water. This can be changed with an innovation called Waterroller.

In many cases, the job of getting water is the work of women and children. Only simple buckets and water canisters which can hold a maximum of 20-30 liters are used to this date.

Especially in the dry seasons, the drying-up of nearby water sources creates long distances to the next source which the people then have to walk. Because of many different reasons there is neither a functioning infrastructure nor are there any springs in the close-by area.

Instead of carrying water with buckets over long distances or balancing them on top of their head you can simply roll it by using the Waterroller. This optimized and transportable water butt can hold up to 90 liters and therefore you don't have to go for water as often.

The Waterroller relieves the inhabitants. Children have more time for school and the women now have the capacity to tend to farm. About 85% of the rural population is dependent on agriculture.

The Waterroller will be produced and sold locally and if need be it can then even be repaired. The complete process will take place in the local regions. Therefor a huge problem of water supply in one of the poorest countries on earth will be attended to and a sustainable economy will be supported.



Improvement of water supply

Independence from dry- and rain seasons

Reducing the timely effort

Minimizing the physical burdens

Improvement of livelihood situations for women and children

Fighting unemployment