

Improved Shallow Wells



Why to choose this solution?

Improved shallow wells can increase access to clean water in communities.

Savings per day or production:

They are cheaper than boreholes.

Cost in money and in own time to construct:

The construction depends on water levels. With high water levels, initial investment is estimated to be 3,000,000 USh (USD 833). However, in areas where the water levels are low, it might cost around 4,000,000 USh (about USD 1111).

Lifetime:

The average lifespan is around 10 years.

Maintenance needed:

The pumps need to be maintained.

Resources needed in use:

Jerry Cans / containers for collecting water.

Problems and limits:

It needs technical personnel to construct. The time required and the construction costs of a well depend on the type, the depth needed to reach water, the volume wanted, and the density of the rock or soil. Very labor-intensive. It is more appropriate to areas with high water levels. Beyond 100 ft, it is very hard to construct. Particularly where water levels are low, changes in seasons may affect access to water.

Where and how can you get it or make it?

JEEP and other private sectors construct these shallow wells.

Skills needed to produce, install, maintenance, use:

Needs skilled personnel to install it.

How to use it:

How to maintain it:**Climate effect (if any):**

During prolonged droughts, users might find less or no water because the water table goes down.

Where it is used and how many users are there?**Why is it successful?**

It is cheaper, providing cleaner and safer water, easy to operate, and garners support from development funders.

If you can make it, a short description, typical problems, materials needed:

Needs a technical person to construct and maintain.

How to make it (if possible):**How is it delivered and by whom?**

JEEP constructs shallow wells.

Successful financial model

Own generated funds to acquire one, or support from development partners through trainings.

What policies and strategies helped the success?

NGO programs and support from development partners.

More info:

JEEP, Tel: +256 (414) 578 316. E-mail: info@jeepfolkecenter.org <https://jeepfolkecenter.org/>

Sources:

JEEP, 7 Miles, Gayaza Rd, Kyanja, Kampala, P. O. Box 4264, Uganda.

When was the case uploaded?

2021-03-12

*Case from Catalogue of Local Sustainable Solutions
in East Africa. Read more and see partners at
localsolutions.inforse.org*