

The rainwater harvesting jar

Sometimes the solution to a lack of safe water can be incredibly simple. Rainwater harvesting is a cheap and effective way to create a lasting supply, no matter what the season.

'Jars' are made by covering a wooden mould with mud, letting it dry and then encasing it in concrete. The mould and mud is then removed and the inside of the jar is plastered to make it waterproof. One jar can supply several households with up to 1,500 litres of filtered rainwater collected from a clean roof and gutter.

The sky's the limit

The jar is just one type of rainwater harvesting technology. Find out about all the solutions we use at www.wateraid.org/technology.

- Rainwater falls onto a clean roof and is channelled along clean guttering
- A perforated basin filters the water to stop any debris entering the jar
- The jar is made from cement and lined with plaster
- The jar sits on a brick plinth and often has a lockable box containing the tap to prevent water theft

