

Rainsaver

A concrete design solution for drought stricken areas



Collect rain



In wet periods rainwater will be collected by the hollow concrete shells and transported to underground storage spaces. In times of drought this water can be pumped up to be used as drinking water or for aggregation. During dry periods the shells create a shading and shelter for markets and gatherings

Use against drought



Modular system of repetitive concrete shells



The Rainsaver is a solution for areas in the world where abundance and shortage of watersupplies occure. It is an elegant solution for a big problem, as the shells are easy to build and form a modular system when multiplied.

The concrete shells are produced on site with the use of molds, that can be transported by trucks. One shell is created by combining 2 molds, a concrete shell has a height of 5,8m.

The edges of the shell are easy to connect to eachother, because of the form of the moulds. With a minimum of 3 a stable roof is created, the shells can be multiplied as many times as needed.

Connection



Repetition

