



## HOUSING | PROJECT

WHAT | Two housing units

WHO | An old widow, her daughter Kesia, her son, his wife and their eight children.

On the small family plot there are three small, old mud huts: one in which the widow sleeps with two children and a baby cow, one in which Kesia sleeps and one used as storage space.





## VTI BRUGGE | PARTNER

WHAT | Belgian secondary school

Fifteen students and four teachers

WHY | The labour intensive building method of earthbags called for helping hands. These craftsmen to be were then divided into different teams and a rotational system was put in place in order to keep everybody motivated. This close collaboration between trained craftspeople and members of C-re-a.i.d. elevated the design to the next level.



## EARTHBAGS | TECHNIQUE

WHAT | Earthbag building utilizes the ancient technique of rammed earth in conjunction with woven bags as

burned bricks. The clearance of trees is namely

laid in a mason style running bond. Every finished row is thoroughly compacted. Two strands of barbed wire are laid in between every row.











## CIRCULAR UNITS | DESIGN

WHAT | The design concept consists of three intertwining circles: one for the mother, one for the daughter, and a common area in between.

**WHY** | The family's living condition was mainly defined by a lack of privacy. The design therefore focuses on the notion of living-together-apart.

**DETAIL** A bottle wall was installed adjacent to the door to let indirect light in. The common area was designed as a shaded outdoor space and was eventually paved with small cobble stones.







