

## 1/2 Earthen Shelter

Material from the ground + self-built + double use of material = low cost shelter

### Experimentation

The experimentation of the building system of the «earthen shelter» is actually taking place in the «Grands Ateliers de l'Isle d'adeau» in the rhône-alpes region in France from the

23rd of may to the 6th of june. It is part of the «Grains d'Isère» festival during which many experimentations on earth buildings take place.



Preparing the earth



Ramming the earth



The wall is finished

to be continued...

### Solution

The «Earthen shelter» is a cheap house for it is mainly made of free materials : the soil which is under our feet (Patrice Doat, director of the CRATerre research laboratory).

It is an ecological shelter for it uses low transformed materials and needs no grey energy during its building process.

It is a healthy shelter for it is made of only natural materials. And it is also a comfortable shelter for the design and the materials used allow to regulate its thermal and hygrometric atmosphere.

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Creative's profile



MMJHQ **PRO**