SZ595

# **Urgent Performance**

For most people around the world, living in poor housing conditions and lacking infrastructure, the urgent architectural need is still to fulfill basic housing necesseties,

This is especially the case for millions of refugees. Having been chased from their land and neigborhoods, they leave behind friends and family, property, and their old communities.

The first relief aid given refugees are often UNs standard tents (see upper left corner.) They are lightweight, simple and cheap, and can therefore be shipped quickly in vast amounts when a crisis hits. Although they are completely unfit for permant residence, but unfortunately, their use is often far more prolonged than is intended.

Climatical they can get too hot in the summer, freezing in the winter, and get easily blown away or tore down by monsuns or heavy winds.

So as many refugee-camps become prolonged settlements, the need for a more permanent solution is urgent. Often little follow-up sheltering is provided, even as many camps grow into local communities with tens of thousands of residents, who are to live and work there for often as long as 15

As refugee camps often are cramp and overpopulated - the risk of violence, theft, and physical abuse of women and children can grow untolerably high. Tents cannot provide sufficient privacy or security, and increases these risks.

Refugee camps are highly diverse when it comes to climate, topografi, population and needs, and one standard shape can hardly meet the various needs.

But where resources are scarse, simple easy-to -use design can make a big impact on peoples living-conditions. And by not providing a strict given form hopefully this concrete building method adapts to a rich variety of conditions, and is easily combined with local knowledge and

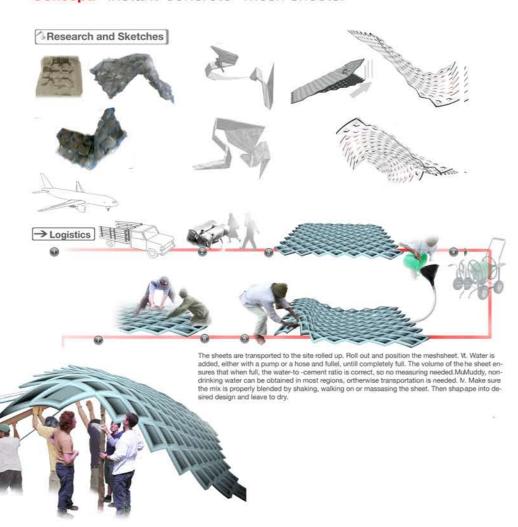
By being an open-end design, it empowers the local community and each individual to decide which design they want themselves, and how to best collectively shape their own new neighborhoods.

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Problem: To provide cheap, adaptable housing for displaced longg-term refugees.

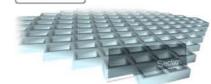
Method: Examinin'g multifunctional, massproduced concrete moulds.

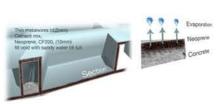
Concept: "instant-concrete" mesh sheets.





## Inside the sheet







# \*/Versatility

#### **Domes** Arches

Either put sheet in an excavatio and then turn them up, or prop up to give it the correct curving.

# Free-form

Use any method in order to mould and fold as you wish support it with scaffolding, sticks roping, or with air or loose el-

#### Fences &

### Landscaping

### Any other method

# **S** Cladding















