

Project Description

The Project for the Post-Disaster Housing Competition takes inspiration from the honeycomb structure because it achieves the maximum results in terms of simplicity, density, adaptability to different scenarios and structural strength. The single Unit is composed by five light panels. The length and the width of every single panel is optimal to be carried with a normal lorry and structurally they are prefabricated sandwich (Honeycomb aluminium) panels to provide the maximum stiffness, acoustic and climatic comfort without being too heavy. The single Unit assembling is extremely simple and this is very important for the immediate post-disaster scenario. On the contrary the High density configuration requires more structural works but every single unit becomes part of the entire structure itself.

Internally the design is very simple to be very opened to different solutions and utilizations anyway they are provided with two standard blocks for the kitchen and the bathroom.

Once the situation evolves to better conditions and the reconstruction starts they can be easily dismantled and stocked or they can be even converted in residential housing simply playing with the internal spaces.