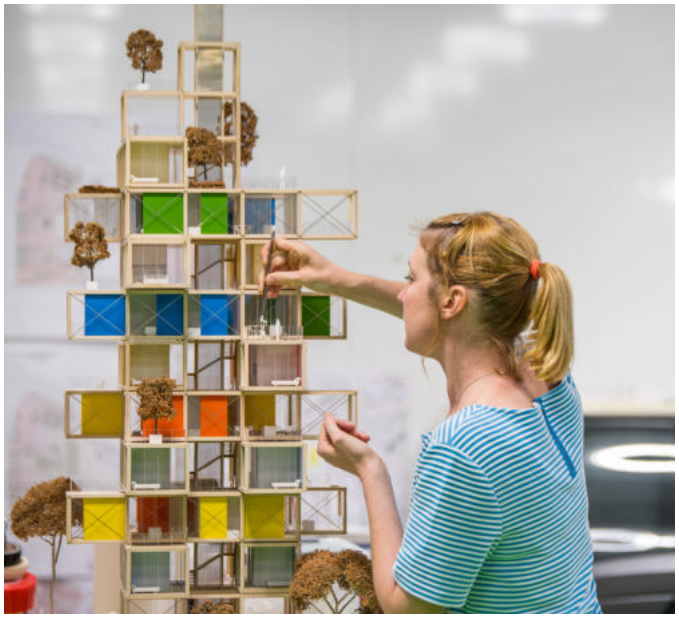
Tree House

Research Project



Date
2016

Location
Various

Construction Cost
£110/m²

Area
2 Bedroom/4 Person Unit
75m²

Structural Engineer
Buro Happold

Project Manager
AECOM

Awards

2016
World Architecture Festival 2016 - Future Housing - Shortlist

Tree House is the latest volumetric housing project developed by RSHP, to provide low-cost homes that can be rapidly assembled and deployed.

Tree House uses a timber structure that can be assembled in low tech factories from locally-sourced timber, and can typically be stacked over ten storeys. Each 75 square metre unit has a highly flexible internal layout, and access to private or communal garden spaces on the roof of the unit below. The ground floor is given over to open space and cafes, to encourage interaction and community building.

The units are stacked, using a simple gravity structure, around a central stair and lift. Minimal foundations are required.

Designed in response to the theme of the 2016 Venice Biennale 'Reporting from the Front' Tree House proposes a concept for flexible housing that can be manufactured from a simple kit of parts using uncomplicated tools and adapted to suit varied sites or circumstances as housing need demands.

Tree House is a research project, and is unbuilt.