VERSION MAP
07. 2012

Map of project evolution: showing prototypes & the full team of collaborators. What, who, where next?

FUTURE GOALS

Structural improvements: Vital advances in structural performance and maintenance efficiency, plus wider gauge for more design flexibility on doorways etc. Requires funding & support.

New Materials: Development of systems to work with recycled materials such as recycled polystyrene, beetle-damaged wood, plus new materials. This will radially improve efficiency and lower cost and access threshold, as well as increasing environmental sustainability. Requires funding & collaboration.

Delivery Business models: Commercialisation of Wikihouse process, offering self-build or assisted-build house systems, plus financial models for the end user that invest equity. Must be both commercially viable but also entirely open in the public domain. Requires funding and legal/business engineering support.

The first making community: The first house-as-a-maker in a participatory-community factory. The CNC machine will be in the house that builds the house: focused not just on building a house but on spreading skills and radically lowering the threshold.

The first fully inhabited house: An inhabitable house in a temperate climate. Requires land & funding, and an in the form of an innovation-pioneering self-build.

The first two-storey prototype: A house to live in for 6 months on a max. 2-storey plot, but has not yet been prototyped. Requires funding, engineering & structural testing research.

Full Plug-In: Developing the friendly script to turn out bug, label parts more easily, more efficient nesting of parts on layout, and conversion direct from SketchUp to G-Code. Requires skilled coders.

Parametric Wikihouse: A wiki-based platform starts to turn the information and design house which can be trained. Requires funding and collaboration with skilled coders & designers, possibly including universities.

OpenDesk: Shaping platform: Commercialised = open platform forWikiHouse, which offers surfaces and kits for sale, but also offers all files and instructions for free to build.

Other House Systems: Develop open, easy-to-fabricate solutions to other problems around houses such as water, sanitation, ventilation, heating, cooking, oh grid energy, services, tools, windows, furniture etc.

If you think you can solve one these challenges, or would like to join, support or fund the WikiHouse project, please email: hello@wikihouse.cc