VERSION MAP
07.2012

WikiHouse.cc

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 materials efficiency, plus wider gauge for more design flexibility on doorways etc. Requires funding & support.

New Materials
Development of system to work with alternative materials such as recycled boards, recycled plastics and bio-polymers. This will radically 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 kits, where self-builders can co-design then invest sweat 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-self-replicating-community-factory. The CNC machine within 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 or both in the form of an innovation-pioneering self-builder.

The first two-storey prototype
WikiHouse system is theoretically based on a max. 2-storey system, but has not yet been prototyped. Requires funding, engineering & structural testing resources.

Full Plug-in
Developing the ruby script to iron-out bugs, 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 simple API that allows any user to input site info and design house which can be 'printed'. Requires funding and collaboration with skilled coders & designers, possibly including universities.

OpenDesk Sharing platform
Commercialised + open platform for Wiki furniture, which offers services and kits for sale, but also offers all files and instructions for free download.

Other House Systems
Develop open, easy-to-fabricate solutions to other problems around 'house', such as water, sanitation, ventilation, heating, cooking, off-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**

CONSTRUCTION

momentum
Momentum engineering

WikiHouse_v1.0
UK test prototype

@nick_diaconou
@AlastairParvin
@joostbeunderman
@indy_johar
@jonisteiner

WikiHouse_v1.1
Gwangju Design Biennale

@_Beatrice
@AlastairParvin
@nick_diaconou
Steve Fisher
Austen Cook

$$d = \frac{D \neq d}{E}$$

WikiHouse_v2.0
Zero-bolts S-Joint

Steve Fisher

WikiHouse_v1.1
HUB Westminster

@lyntonpepper
@AlastairParvin
@JoniSteiner
00:/

HUB

WikiHouse_v1.2
Chelmsford

@AlastairParvin
@Joostbeunderman
Steve Fisher
Austen Cook

Anglia Ruskin University

domus

WikiHouse_v2.0
Hacked Milan
First zero-bolts prototype

@_Beatrice
@AlastairParvin
@Nick_diaconou

la Rinascente

WikiHouse/NZ_v3.0
Christchurch, NZ

SpaceCraft
@MartinLuff
@ecoarkNZ

Walkers' Shelter
Fridaythorpe, Yorkshire

Bauman Lyons Architects

WikiHouse/HAITI
Haiti (unfunded)

Randy Bostrum / HCM
@AlastairParvin
@Nick_diaconou
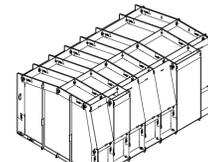
WikiHouse_v2.0
Ascot zero bolts

@AlastairParvin
@lyntonpepper

WikiHouse/RIO
www.wikihouserio.cc

@jimmygreer
@dinho
@AlastairParvin
@Nick_diaconou
...

TED
Winner of TED Prize
City2.0

SOFTWARE

Espians

WikiHouse Platform & Plugin_v1.1

@tav
@thruflo
@nick_diaconou

@AlastairParvin
@YeppiNZel
@Yogeshtaylor

WikiHouse Parametric Experiments
San Diego, CA

@make4D

FURNITURE

00:/

Architecture 00 ('zero zero')
London
www.architecture.00.net

Indy Johar
David Saxby
Alice Fung
Nick Ierodiaconou
Lynton Pepper
Joni Steiner
Sarah Hollingworth
Joost Beundermann
Alastair Parvin
Tim Ahrensbach
Olivia Tusinski
Jean Murphy
Debbie So
Ottilie Ventiroso

OpenDesk v1.0
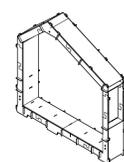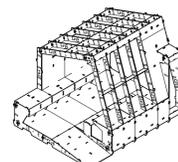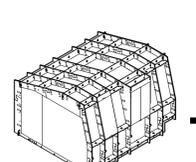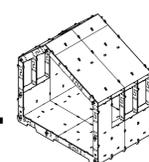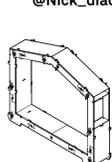Mint Digital, London

@jonisteiner
@nick_diaconou

OpenDesk _v1.1
HUB Westminster Library

@jonisteiner
@nick_diaconou
@lyntonpepper
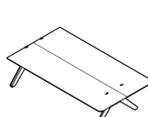
Open Desk_v1.2
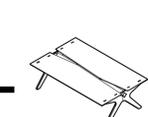Conference table for
Mint Digital, London

@jonisteiner

OpenDesk _v1.3
Lustre

@jonisteiner

OpenDesk _v1.3.1
BEcause

@jonisteiner

OpenDesk _v1.2.1
AOP Boardroom, London

@jonisteiner

OpenDesk _v1.3.2
'Junior Mint' Ages 6-9

@jonisteiner

Junior MiniMint v1.3
'Junior MiniMint' Ages 3-6

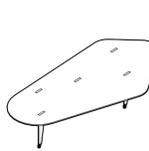@jonisteiner

Hub Petal Table
HUB Islington
Katy Marks

Petal Table Prototype
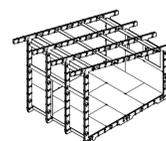TechHUB

@nick_diaconou
@00alice
@lyntonpepper

CNC Petal Table
HUB Westminster

@jonisteiner
@david__steiner

Stem Table
HUB Westminster

@david__steiner
@jonisteiner

Leaf Table
HUB Westminster

@jonisteiner
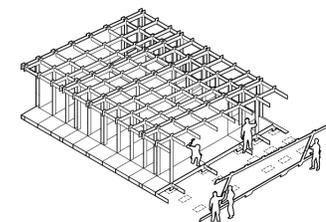

2011

2012

AN OPEN SOURCE, UNIVERSAL CONSTRUCTION SET IN THE COMMONS