hexi-house

HEXAGONAL INSPIRATION FOR THE WORLD

www.hexi-house.com
The Hexi-House Concept

- Low cost
- Redeploying readily available materials
- Kit fits on 2 pallets
- Optimum use of internal space.
- Harvest rainwater
- Disaster relief subsidized by leisure sector
Materials

- Recycled cardboard wall and roof panels
- Cardboard tubing
- Timber pallets
- Recycled steel
Kit House

- Arrives as two fully loaded pallets
- Easy to assemble
- No wastage – even pallets are used
- No need for skilled labour

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Components can be locally sourced

- Canopies
- Internal fixtures and fittings
- Pallets
Structure

• Hexagonal plan form

• High tensile cables added robustness.

• Improved resistance to earth tremors
Substructure

• Ground spikes avoid the need to pour concrete

• Triangular cable brackets

• Pegged stays can be used to improve resistance to wind
Versatility

- Built on stilts – for use in flood plains
- Maximum use of internal volume for night and day
- Provision of canopies
- Interconnectivity of individual units
The Matrix

- Modules can be built as part of a matrix
- ‘Pop-up-village’
- Rainwater harvesting
Variations

• An elongated plan form for increased space standards

• Sanitary accommodation

• Health care provision

• Other communal facilities
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