

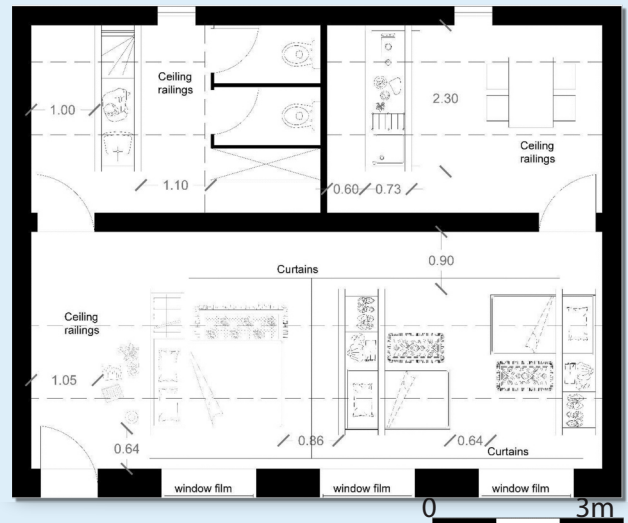
Urban pop-up housing environments and their potential as local innovation systems

APPROACH

Purpose	Temporary living in vacant ground floor retail space
User group	Individuals/families with temporary housing needs, e.g. expats
Usage time	Six to 24 months
Lifetime	Multiple assembly and disassembly phases
Capacity	Scenario for up to 4 people



FLAT-PACK SHOP HOPPING BOX

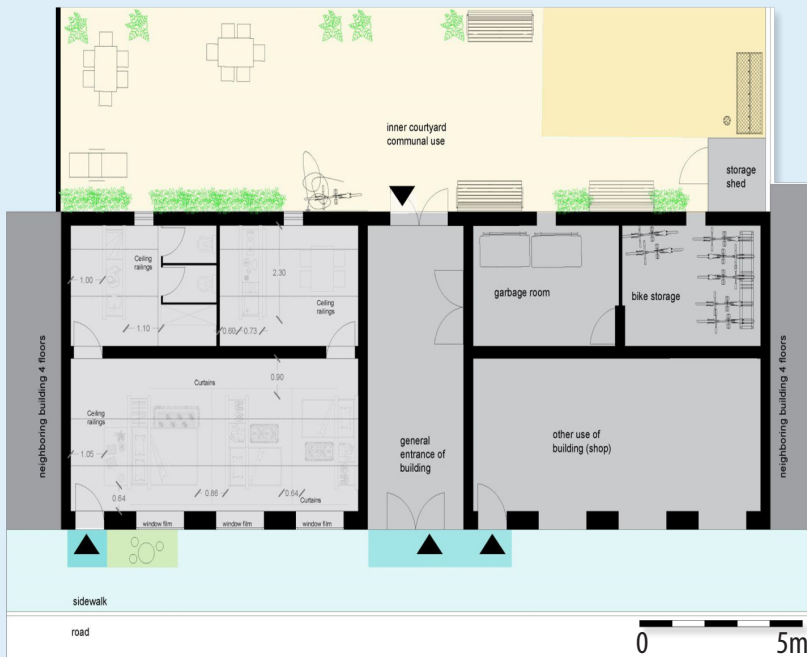


BUILDING

Characteristics	Reusable, mobile living boxes ("furniture in a box"), easy to adapt to different retail space layouts Flexible room layout through sliding modules on rails and fold-up beds
Design	Individual living units No structural adaptations Sliding modules on rails Kitchen and shower module available Durability and ease of repair
Main Materials	Wooden modules Guiding metal rails Textile curtains
Size	Case-dependent on available floor plan of retail space



FLAT-PACK SHOP HOPPING BOX



Buildings

- Neighboring buildings
- Part of building of other or communal use
- Housing environment

Public open space

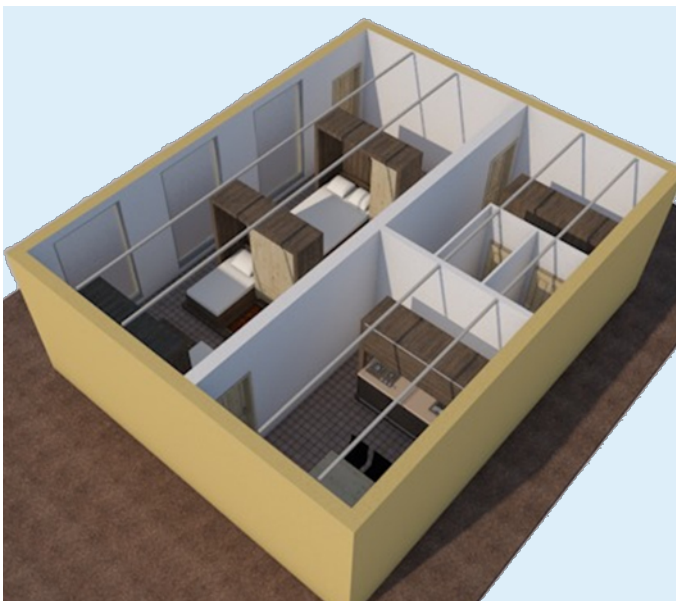
- Access area of housing environment
- Access area of building
- Public open space able to be appropriated by residents

Open space - communal used by building's residents

- Inner courtyard with seating, open for different uses
- Inner courtyard used as play area
- Facade greening

RESOURCES

Power supply	Grid connection
Electric installation	Current system in place
Heating	Current system in place
Ventilation	Current system in place
Water supply	Public water network
Water heating	Current system in place
Sanitation system	Sewage connection



SITE

Preconditions	Small vacant ground-floor retail space Toilet available in retail space Location in main streets of the city
Open space	No private open space Communal: Inner courtyard Short-term appropriation of sidewalks (e.g. Parklets)

Adapted from the original design of Verdugo Pelaez and Rodriguez

PROJECT PARTNERS



W|W|T|F

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