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

LIFE SHARING TO GO INFACTORY

APPROACH

Purpose	Temporary living in halls of vacant (fac-	
	tory) buildings	
User group	User mix – people interested in com-	
	munal living and people with limited	
	housing options	
Usage time	Up to one year per resident	
Lifetime	Until new permanent use of building	
Capacity	Scenario for up to 78 people	







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BUILDING

Characteristics	Based on exploring communal ways of	
	living and fostering exchange between	
	people with different backgrounds	
Design	Interconnectable modules (3.6x1.2m)	
	Different module configurations	
	Floating floor with heating system	
Main Materials	Frame: structural steel	
	Insulation: straw	
	Walls: timber wood	
	Simple joints	
Size	1 to 4 people per housing unit	



LIFE SHARING TO GO INFACTORY



Electric installation Heating Ventilation Water supply Water heating Sanitation system

Grid connection Building management system Wood chip plant Natural ventilation Public water network Wood chip plant/PV Sewage connection

SITE

1. Frame 2. Thermal/acoustic insulation 3. Interior wall panels + furniture 4. Exterior wall panels 5. Composition by simple joints	PreconditionsAccessibility of public transport Accessibility of social infrastructure Site is not in disrepair (health hazards, danger of collapse, site contamination)Open spaceNo private open space Communal: cultivation area Area for gathering Silent area Play area Multifunctional area Bike parking Trees in buffer zone Access area
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