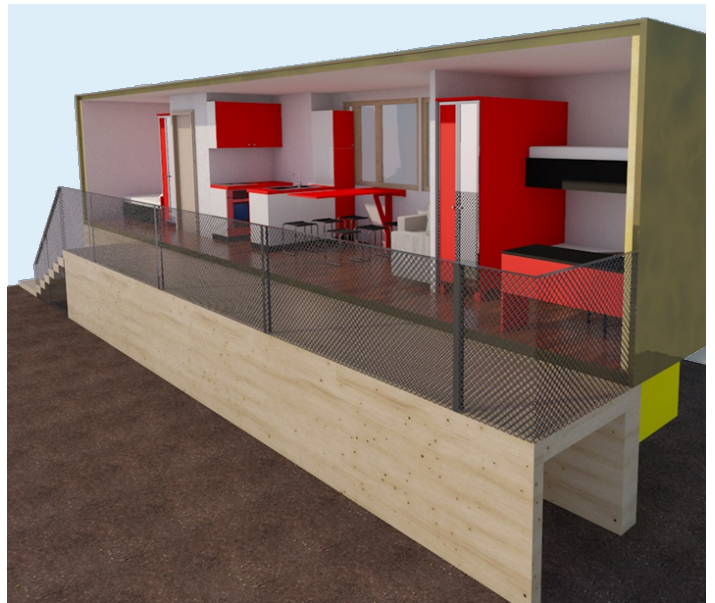


Urban pop-up housing environments and their potential as local innovation systems

APPROACH

Purpose	Flexible – ranging from disaster response to event hostels
User group	Flexible – ranging from people with sudden housing needs to short-term stays
Usage time	Several days to weeks
Lifetime	High durability
Capacity	Scenario for up to 40 people

LIFE ON TRACK(S) TINYTAINER

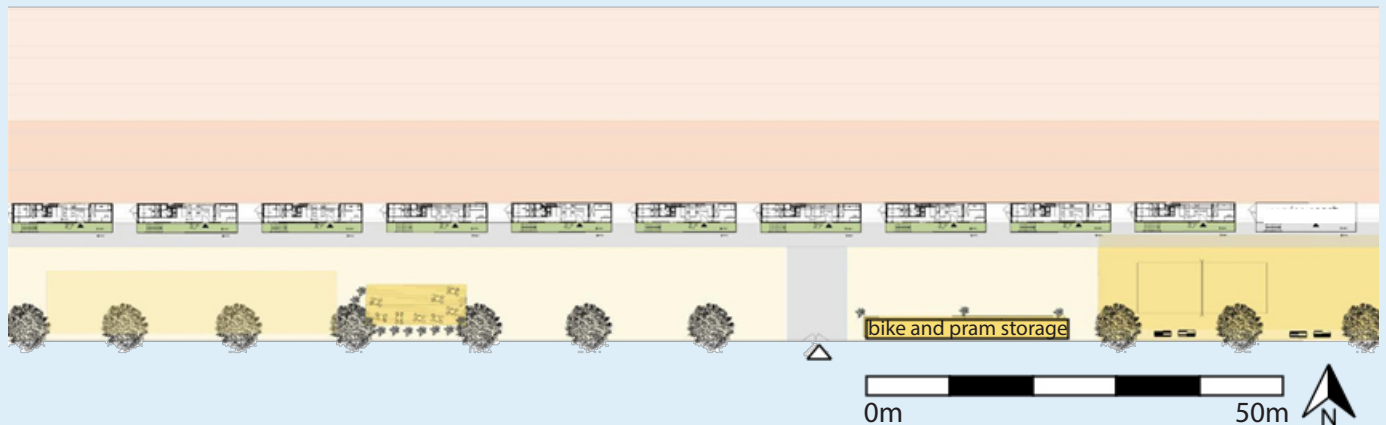


BUILDING

Characteristics	Quickly deployable housing solution with a wide range of possible usages
Design	Fully equipped mobile housing unit on railway Transportable without dismantling to intended location along railways
Main Materials	Repurposed ISO (shipping) containers Corrugated steel Plywood flooring Straw insulation
Size	Up to 4 people per housing unit



LIFE ON TRACK(S) TINYTAINER



- | | |
|----------------------------------------|----------------------------------------------------|
| Open space private to residential unit | Communal used open space open to appropriation |
| Access area | Communal used open space: potential gardening area |
| Buffer area (tracks) | Communal used open space: play zone |
| Tracks used for other uses | Communal used open space: terrace with seating |
| | Communal bike storage (roofed) |

RESOURCES

Power supply	Grid connection
Heating	Infrared panels
Ventilation	Integrated in window frame
Water supply	Public water network
Water heating	Electric flow heaters
Sanitation system	Sewage connection



SITE

Preconditions	Non-frequented tracks Delimitation to operational rail lines Low noise exposure Accessibility of social infrastructure Accessibility of public transport
Open space	Private: terrace mounted on container and folded in for transport Communal: terrace Access area Multifunctional area (cultivation, play zone, etc.) Bike storage

Adapted from the original design of Neudeck and Werni

PROJECT PARTNERS



W|W|T|F

VIENNA SCIENCE AND TECHNOLOGY FUND

The project ESR17-010 has been funded by the Vienna Science and Technology Fund (WWTF).