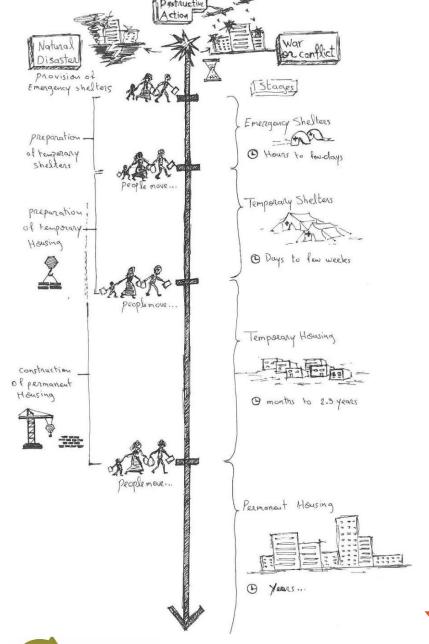


Rand Askar Ana Luisa Rodrigues Luis Bragança Daniel Pinheiro

University of Minho

EMERGENCY SHELTERS TEMPORARY SHELTERS TEMPORARY HOUSING PERMANENT HOUSING









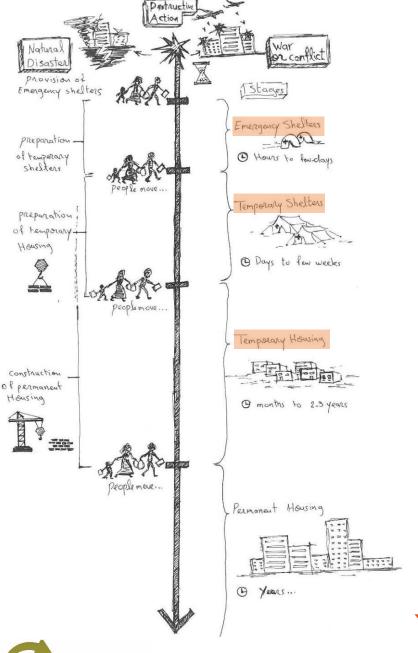


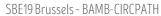
EMERGENCY SHELTERS TEMPORARY SHELTERS TEMPORARY HOUSING PERMANENT HOUSING

#### TEMPORARY ACCOMMODATION ALTERNATIVES

### **MOBILE HOMES**











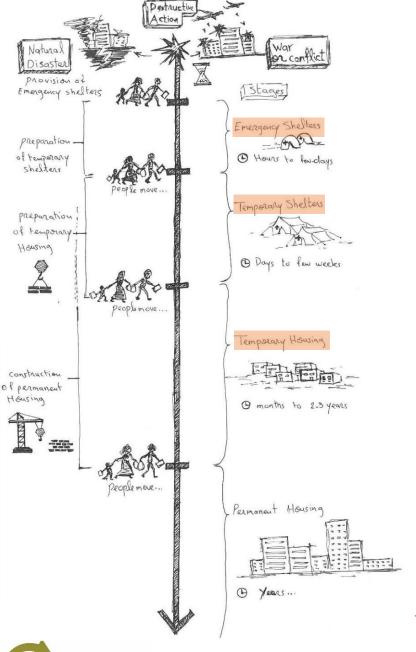


EMERGENCY SHELTERS TEMPORARY SHELTERS TEMPORARY HOUSING PERMANENT HOUSING

### TEMPORARY ACCOMMODATION ALTERNATIVES

#### PAPER SHELTERS











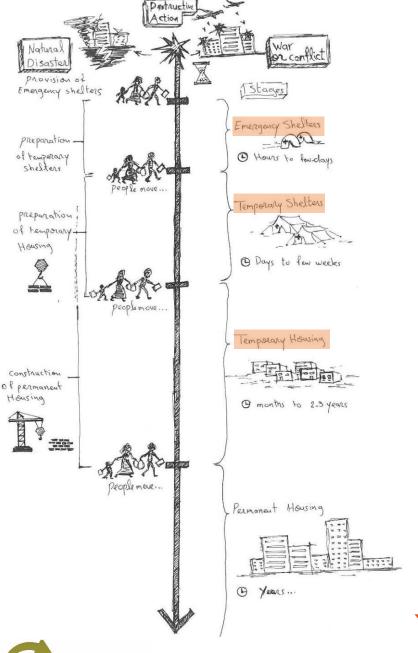


**EMERGENCY SHELTERS** TEMPORARY SHELTERS TEMPORARY HOUSING PERMANENT HOUSING

#### TEMPORARY ACCOMMODATION ALTERNATIVES

### **SELF-BUILT SHELTERS**





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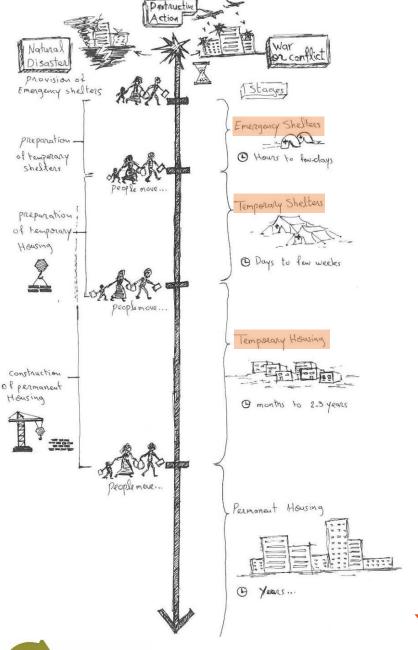


EMERGENCY SHELTERS TEMPORARY SHELTERS TEMPORARY HOUSING PERMANENT HOUSING

### TEMPORARY ACCOMMODATION ALTERNATIVES

### **WINTERIZED TENTS**











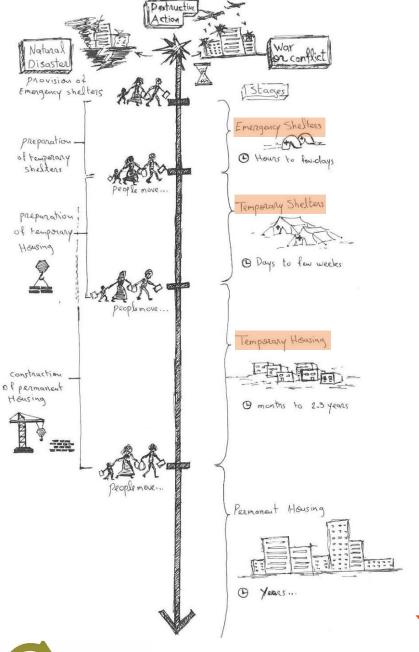


EMERGENCY SHELTERS TEMPORARY SHELTERS TEMPORARY HOUSING PERMANENT HOUSING

#### TEMPORARY ACCOMMODATION ALTERNATIVES

### **UNFINISHED BUILDINGS**





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### THE DESTINY OF TEMPORARY DWELLINGS

What to do with the left units and how can they perform in responding to the community needs?

Demolition, relocation, selling, different usages, upgrading to be permanent, storing for future use and renting, could all be possible scenarios to the eventual end use for temporary structures.













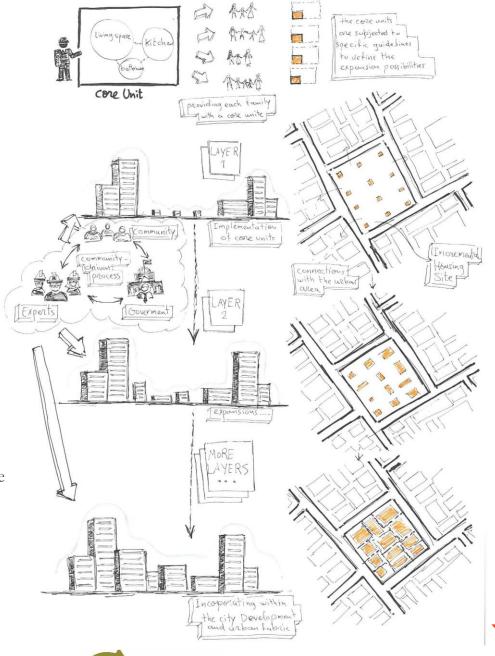
# INCREMENTAL HOUSING SOLUTION

### **DEFINITION**

Incremental architecture is a manner of construction which draws on the gradual evolution of the housing unit. Which could be advantageous in some cases where it is considerably complicated to construct instant structures straight away.

### INCREMENTAL METHODOLOGY

Incremental strategy relies on the adaptation of each construction step with the local capacities and allows the evolution and expansion simultaneously with the community growth and development.









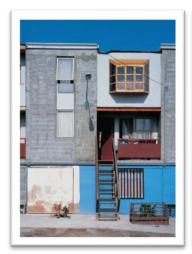


### **INCREMENTAL CASE STUDIES** ALEJANDRO ARAVENA, QUINTA MONROY

The target site was in the centre of the city, known as "Quinta Monroy", and occupied an area of 54,000 sq ft (5,017 m2). (Fig. 59). It was home for 100 families settled in informal dense clusters with poor qualities of life.

Building a half proper house in terms of size, location, and qualities rather than a complete small house

The delivered half houses were two-storied with a space left between houses for expansions In conclusion, Aravena used the budget as an investment rather than an expense of house













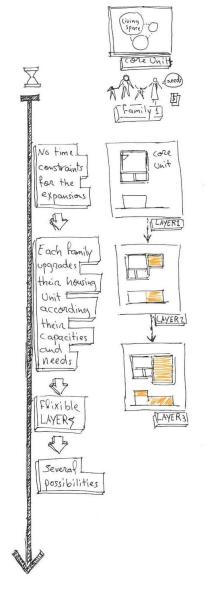


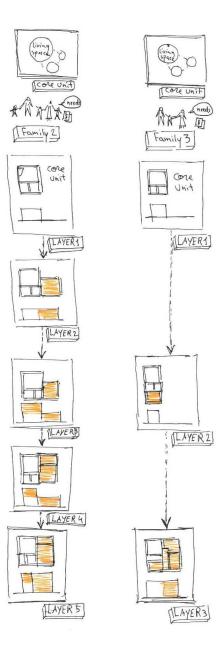


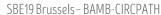
### **INCREMENTAL KEY ASPECTS**

A NARRATIVE OF FLIXEBLE INCREMENTS

A FURTHER METHOD OF CONSIDERATION: PERMANENCY IS THE NEW TEMPORALITY













### **INCREMENTAL KEY ASPECTS**

A NARRATIVE OF FLEXIBLE INCREMENTS

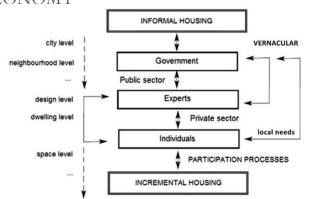
A FURTHER METHOD OF CONSIDERATION: PERMANENCY IS THE NEW TEMPORALITY

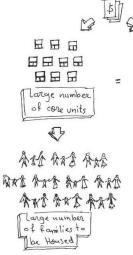
### SOCIAL PERCPECTIVES

- Affordability for low-income communities
- Psychological recovery
- Guided community participation

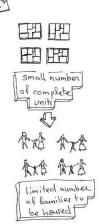
### ORGANIZED INFORMALITY

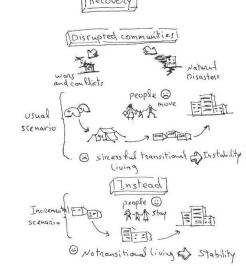
TOWARDS SUSTAINABLE DEVELOPMENT AND CIRCULAR ECONOMY





Affordability





Psychological







