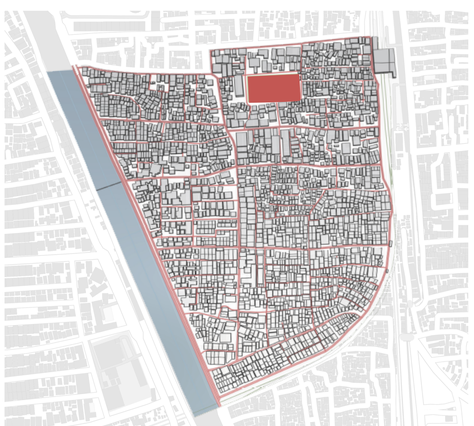
URBAN ANALYSIS

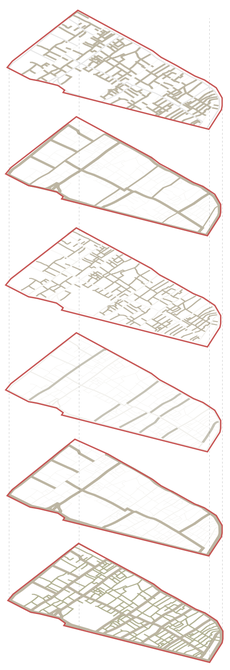
Kalianyar, Jakarta, Indonesia

Kalianyar is a district located in West Jakarta. As a result of the continued density in this area, Kalianyar is deemed as the **most populated residential area** in Southeast Asia. Kalianyar is characterized by the **dense building forms** and the existence of both **formal and informal alleyways**.

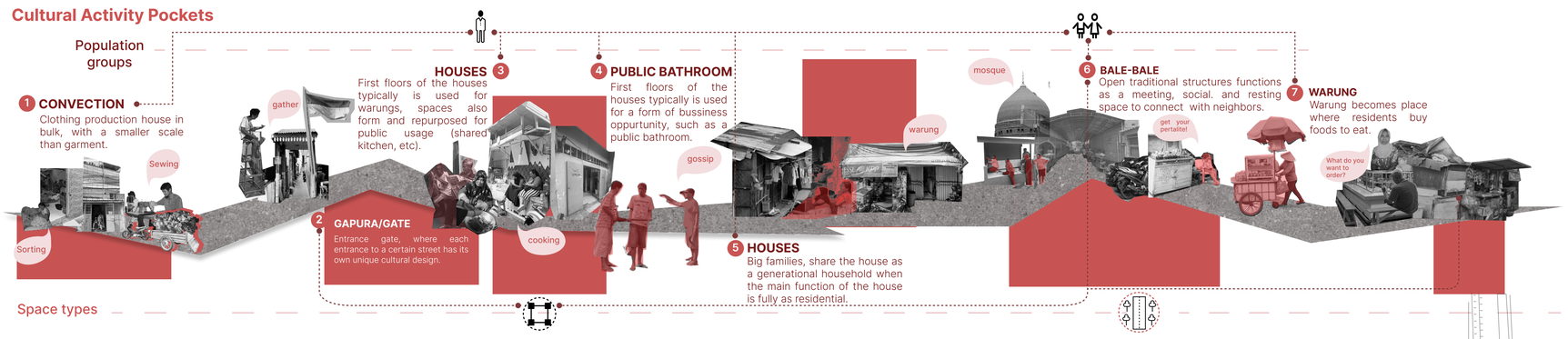
Alleyways symbolizes both as a social and cultural identity that resembles strong sense of community and common shared values among the residents



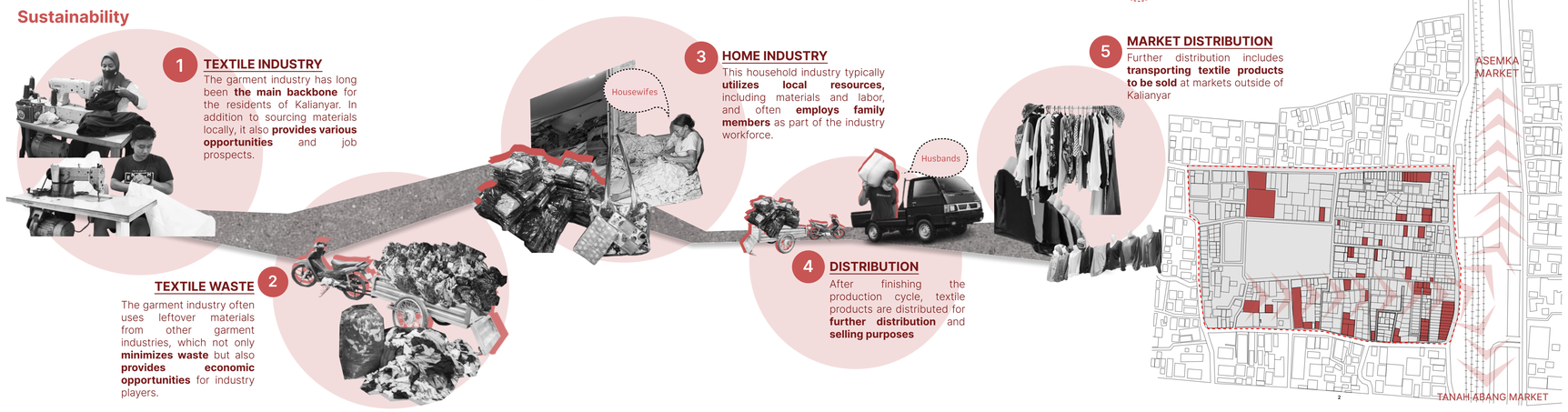
Accessibility and Connectivity



Cultural Activity Pockets

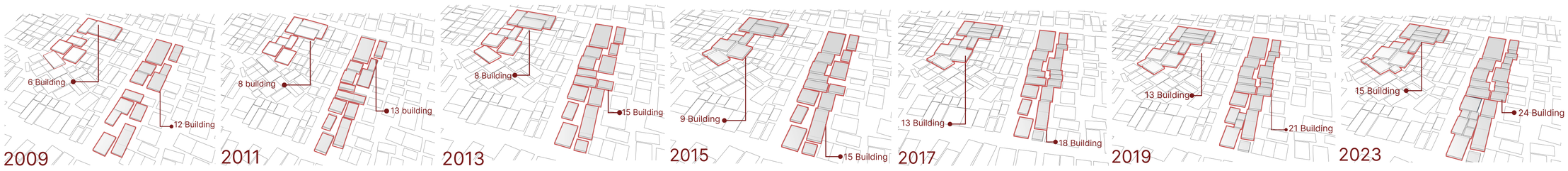


Sustainability



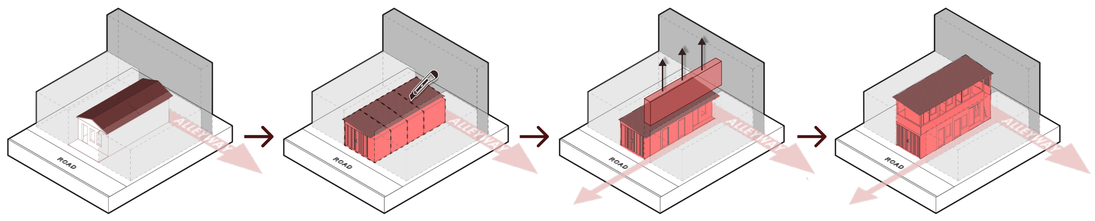
Urban Transformation

Throughout the years, Kalianyar sees **an increase in the number of people living** due to the increasing job opportunities in the textile production. This results in the **growing demand for living space** that drives the change in utilization of space in the area. **New building masses forms as a result on the base of economic purposes**. This drives the urban transformation of the area towards the current state of **dense residentials**



Building Transformation

1. Vertical Transformation



Original Form

Rooms are being sectioned off for shared use by others (boarding house) because they see an opportunity to earn money, with the first floor commonly used as a place to sell food, drinks, and other items.

Divided Form

Rooms began being sectioned off for shared use by others because they saw an opportunity to earn money. The most visible and accessible areas are commonly used as places to sell.

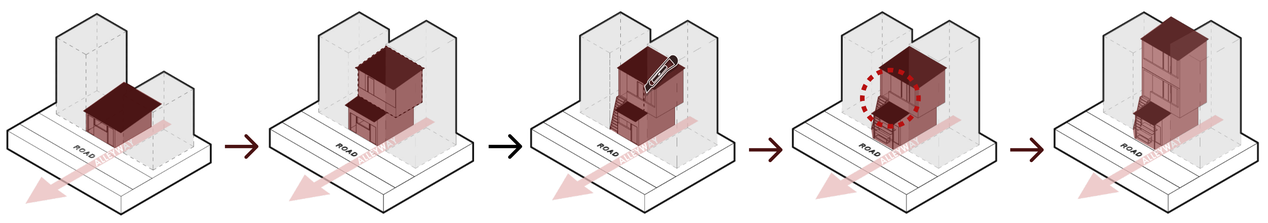
Cut to Create Form

A small part of the building is being cut off to create a walkway for people to access their rooms.

Stacking Form (Final Form)

With no space to extend horizontally, they tend to add more floors vertically.

2. Horizontal Transformation



Original Form

one floor and is constructed permanently.

Stacking Form

temporary second floor is added, usually constructed using wood or other temporary materials, is often added because the family needs extra space as it grows.

Divided Form

Rooms are being sectioned off for shared use by others (boarding house) because they see an opportunity to earn money, with the first floor commonly used as a place to sell food, drinks, and other items.

Adding Form

Pathways started being utilized for daily activities like selling, cooking, and other tasks. WHY?
1) they have limited space
2)they wanted to socialize with others,which led to extending into these areas.

FINAL Form

Afterward, the structure will start to be rebuilt with permanent materials over time, and they also tend to add more levels so they can use them as a boarding house.

