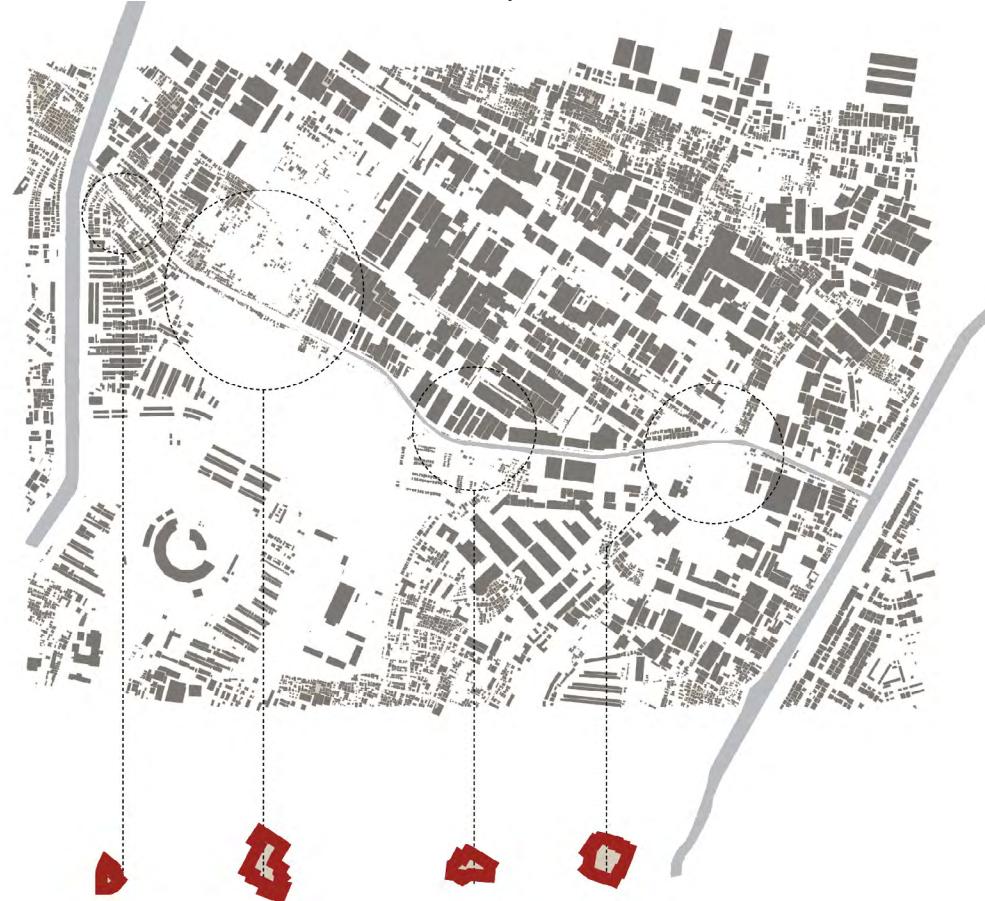


" A built environment whose physical characteristics i.e. building layout and site plan - function to allow inhabitants to become key agents in ensuring their security. "





Day 1// First day - first hour on site, team member's phone got snatched



Day 3// One of the team member received offer for the substance trade.



Everyday// During daily site visits, UI students protect us as bodyguards. Few member at front & few walking behind the whole group.



Hidden indicators// "Stop Narcotics" signage around neighbourhood areas indicating presence of narcotics and rehab centers.

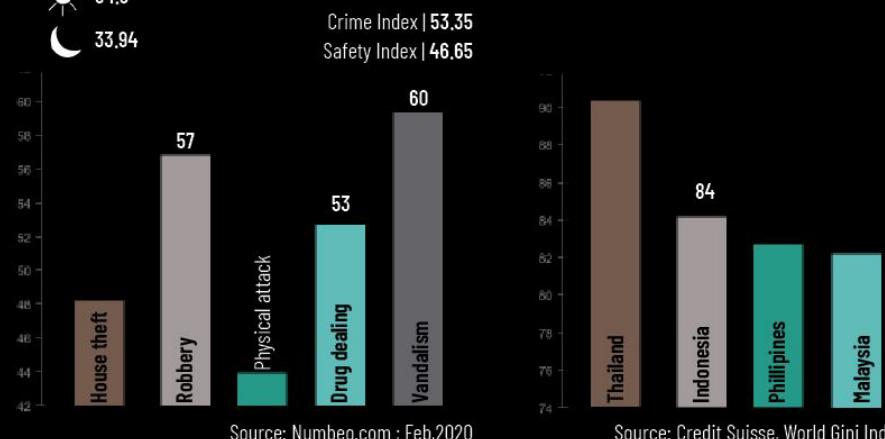


Out of bound zones// The area which we were denied to visit. Apparently, it is breeding ground for drug dealers and the dealing tend to happen in empty streets of formal settlement.

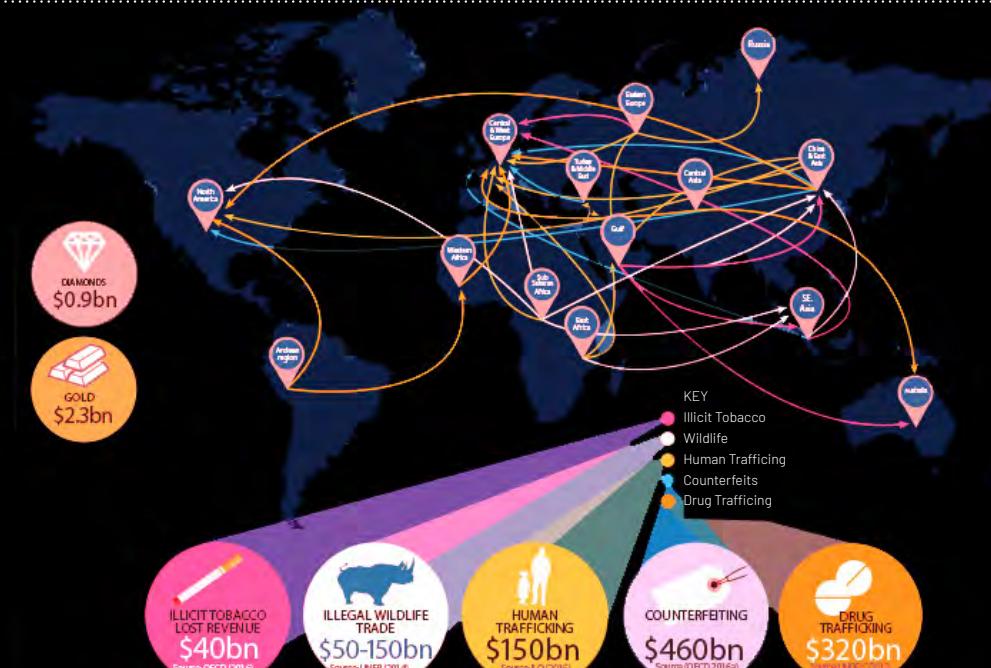
Site Experiences

Further study into crime issues in Indonesia

Safety of Walking alone
☀️ 64.6
🌙 33.94



Crime issues and inequality in Jakarta// Drastic change in safety during day and night

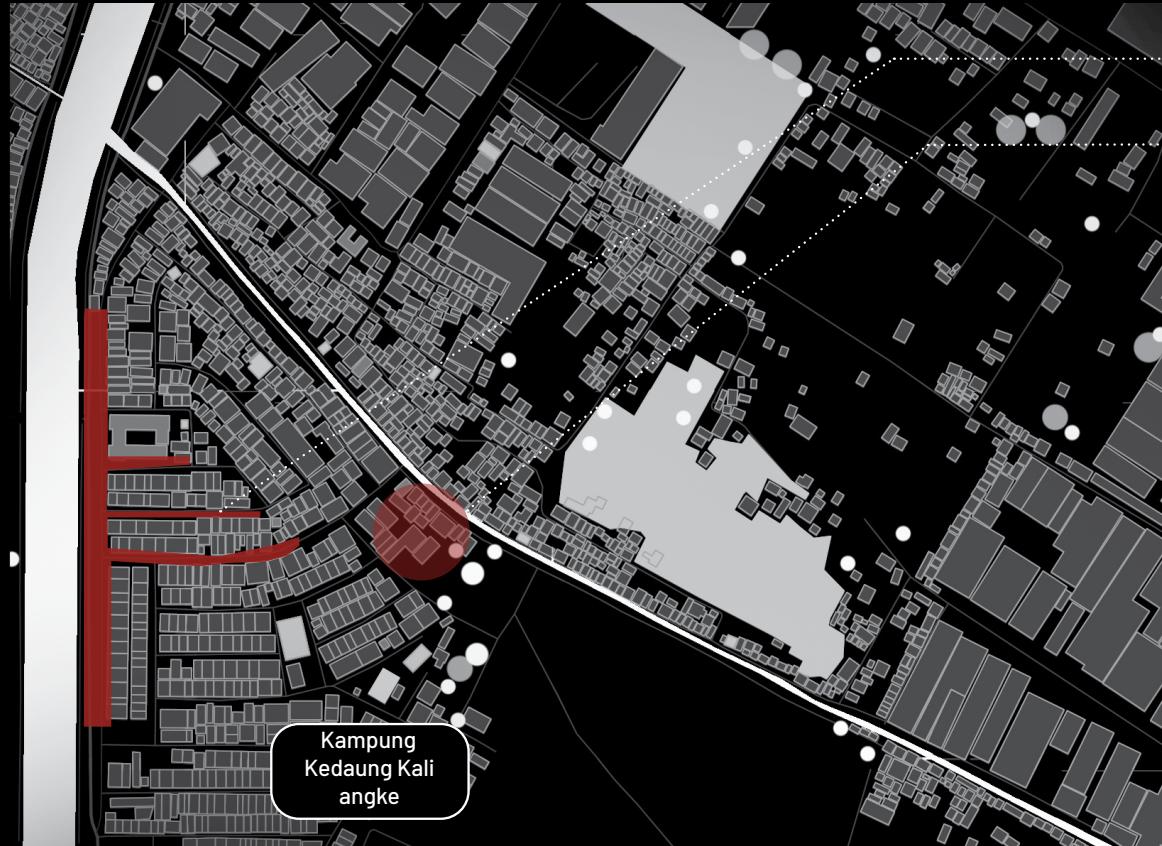


Mapping Illicit trade// Data is accessed through seizures, law enforcement data and cross comparision with parallel legal markets

Source// OECD task force on countering Illicit trade

The project concern initiates with very personal experiences during site visit with the incident of theft and presence of rehab centers. Through further studies, it is found that Indonesia was formerly a transit country for drugs, with much of its supply coming from Europe and other parts of Asia. But During the last five years, the **domestic manufacture of crystal meth has increased** and is predicted that **Indonesia will soon rival Europe** as a provider for the world's MDMA consumption. This **indicates high presence of organized crime** and certainly unfolding prominently in Jakarta.

Overview of the issue



Learnings based on Interview at Kampung Kedaung Kali angke

WHERE

The drug trade zone - Usually tend to happen in empty vacant streets in formal settlement neighbourhood

Out of bound zone - where traffickers resides

WHEN



During day, it tend to happen in the dead streets of formal settlement and gated communities



Through studies and interview it was found that it tend to happen around the river edge in the "out of bound zone"

WHO



Young adults of age 15 to 35



Migrants



Unemployed

WHY



Quick money to seek financial independence



Strong sense of community & brotherhood



Addiction

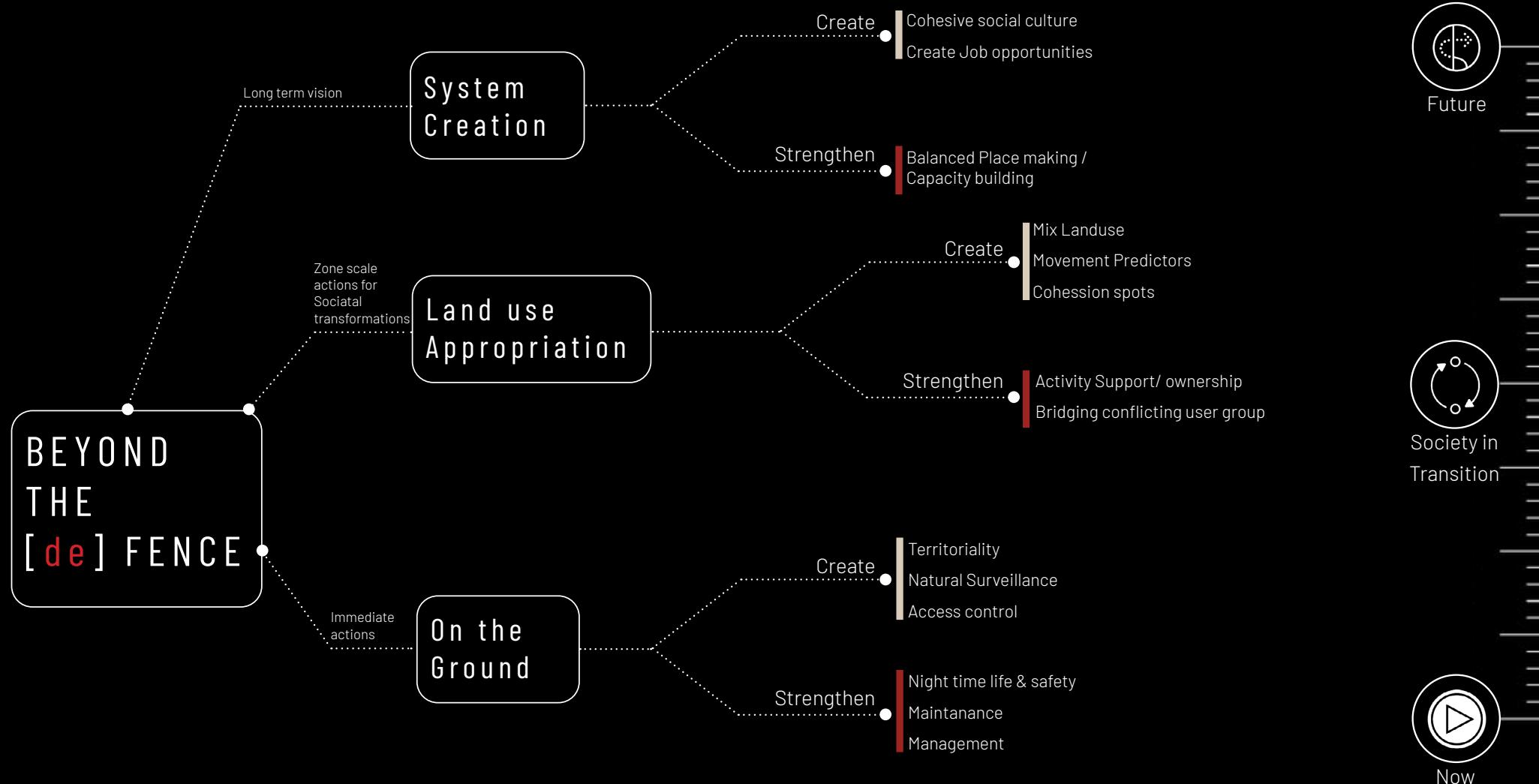
Looking further into the issue, it is found that usually **young adults of age group 15 to 35 tend to engage in** such organized crime. Most of them are **either unemployed youth or migrant workers.** Digging deeper into what motivates them to engage in the drug trade, three major factors are found :

1. **Quick money making** - hence helps to achieve financial independence quickly
2. **Strong sense of Community and brotherhood** - as they are often unwelcome lone migrants in the Urban centers.
3. **Addiction** - They themselves are caught in the vicious cycle of drug addiction

Context Map



Programmatic Vision



Hence, the project aim is to create systems that **not only deter crime but make a gradual transition towards healthier transformation** of the society. This is done through three major strategies largely borrowed from theory “Defensible spaces: Crime prevention through Environmental Design (CPTED)”.

System Creation // Long term vision



Cohesive Social culture

Supportive relationships interaction between all users

Tapping into already existing institutes coupled with social programing .. like - Mosques, Park gazzeboes,



Creating Job Opportunities

Making use of empty spaces to provide for positive activities as not only counter to criminal activities but opportunity for job creations.

eg. Outdoor sports area, sports center, Multi-purpose community centers, recreational activity, farming



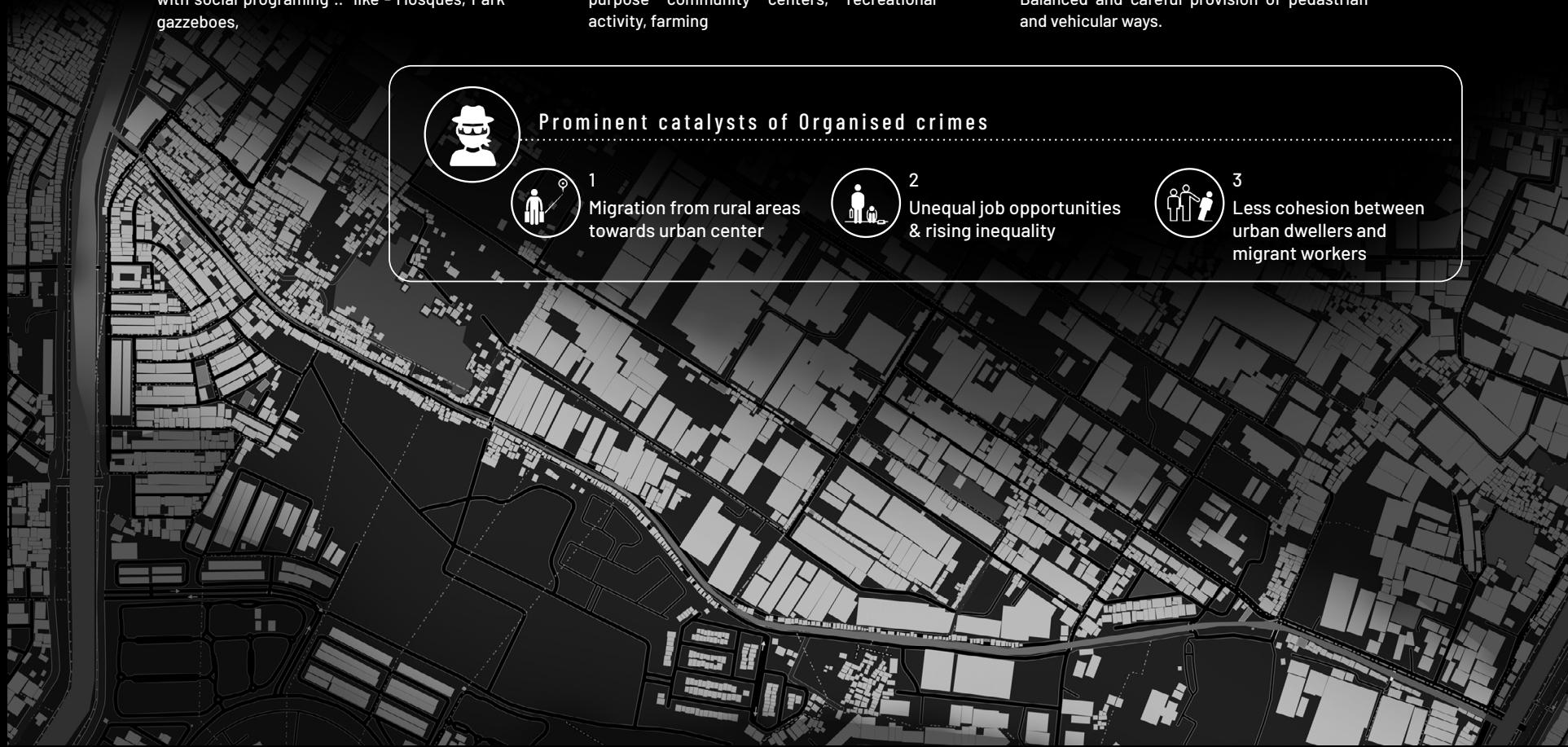
Balanced place-making

To avoid excessive similar land use & encourage mix landuse groups

Rehabilitate abandoned buildings
Balanced and careful provision of pedestrian and vehicular ways.



Future



System Creations // To develop mix land use and carefully re-laying road network to decrease the blind spots

Existing landuse



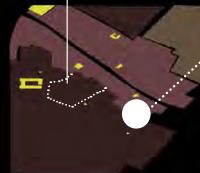
Landuse appropriation // To create cohesive society environment through opportunities for new jobs and social activities.

Transformed landuse

Movement Predictors



- Break the stark boundary between informal & formal settlement through common activity proposal



Cohesion spot,
Provision of
healthy positive
activity like
Community
sport center.



Zone 1 //
Largely residential



- Gradual transition from publicly owned zone to semi-private and public-private ownership land with economic activity provision.



Clearly defined but physically loosely bound public - semipublic and private zones

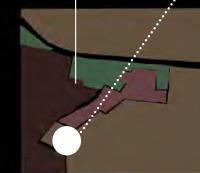


Public private
Partnership //
Public Zone
Semi-private zone

Zone 2 //
Developer's land



- Converting industrial spaces into group activity centers to adhere social activities shared amongst whole neighborhood.



The gated communities and industrial zone are starkly separated through wall. This shall be bridged through Market provision where people from both sides can come together.



Zone 3 //
Industrial



- Looking at the already present diverse mix-land use, large open plot owned by government can be converted into shared spaces.



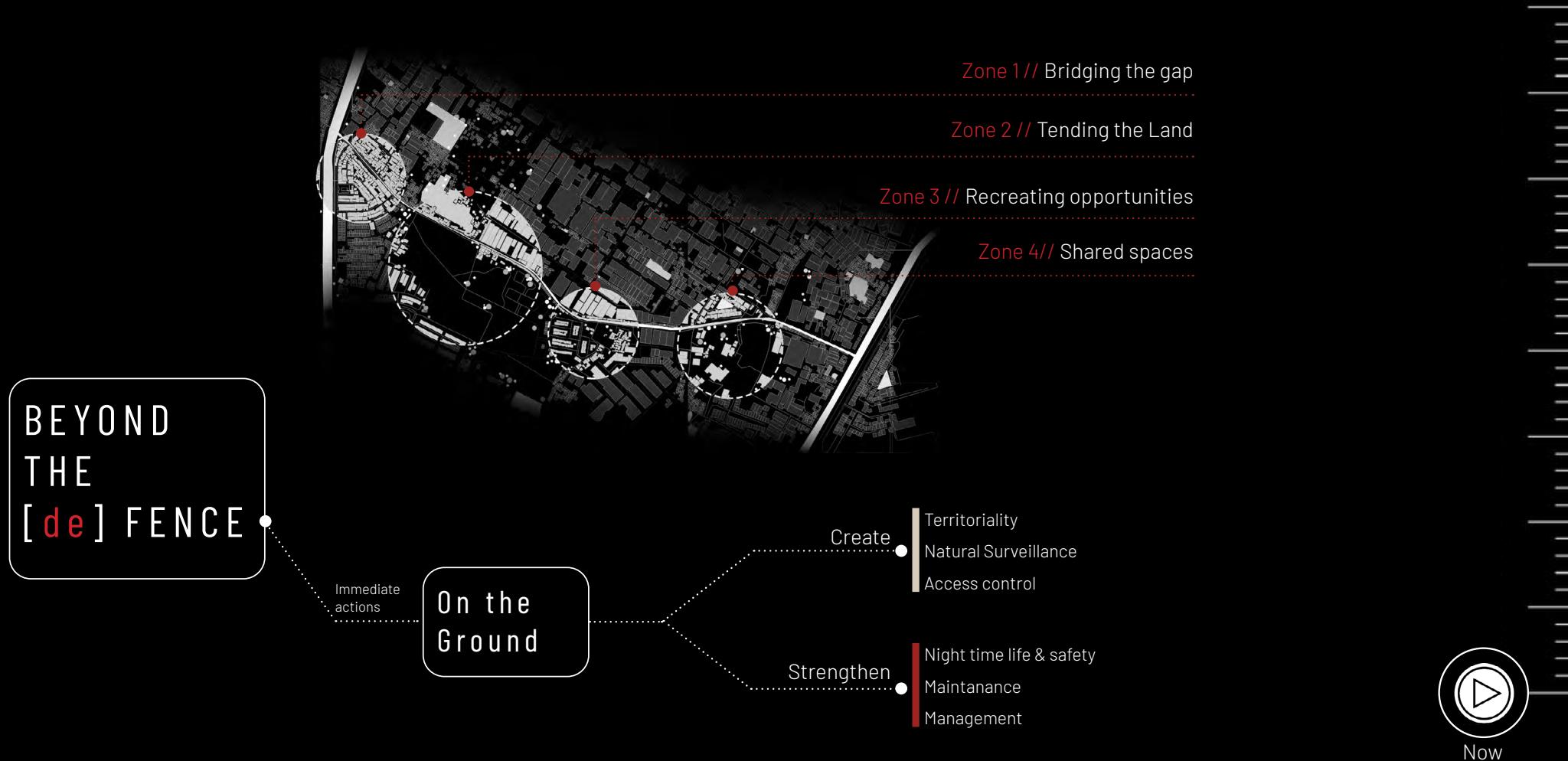
— Existing vehicular roads
--- Proposed new vehicular ways in order to counter abandoned long stretches.



Cohesion spot,
Provision of
religious and
shared public
park to adhere
Community
Spirit.

Zone 4 //
Mix Neighbourhood

On the Ground // By transforming four different zones along the stretch of river as per the immediate neighborhood context
Vision



Zone 1 // Bridging the gap



Create

- Connecting bridge
- River edge Low bush
- Eyes on the street
- Clear sitelines

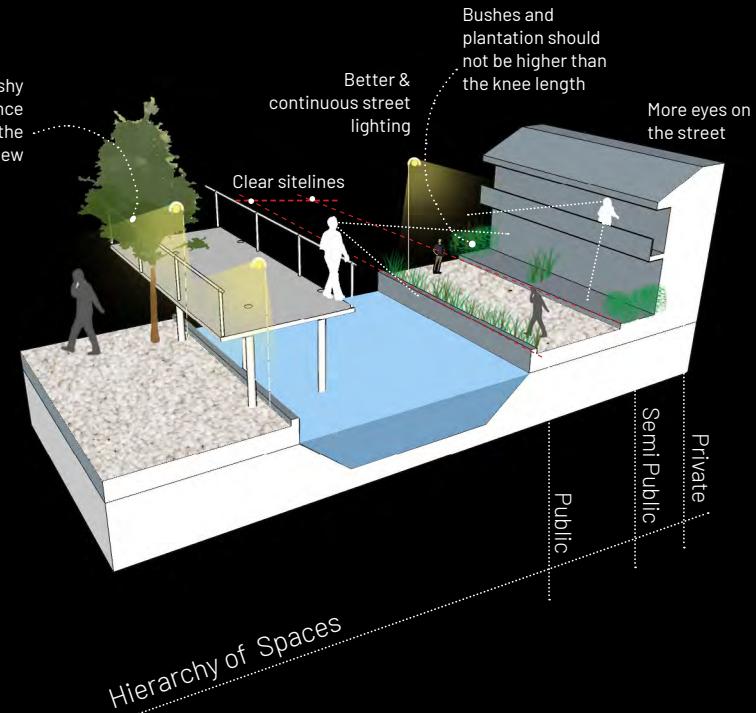
Strengthen

- Natural surveillance
- Proper walk ways to encourage pedestrian movement

Existing Landuse



To avoid bushy foliage trees hence not obstructing the view



Zone 2 // Tending the Land



Create

- Sports center
- Market
- Connecting both sides of river
- Farming space
- Public park

Strengthen

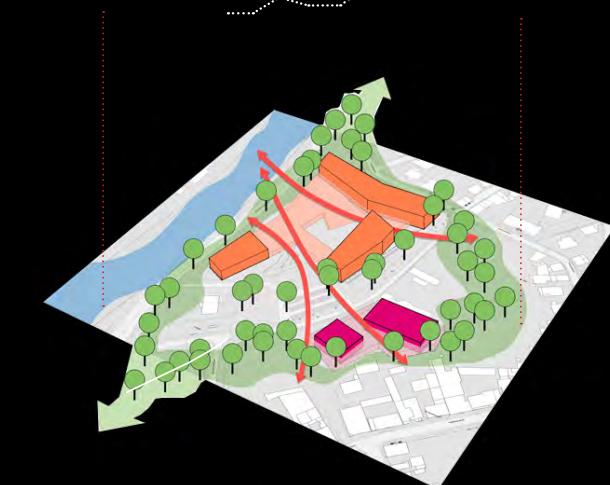
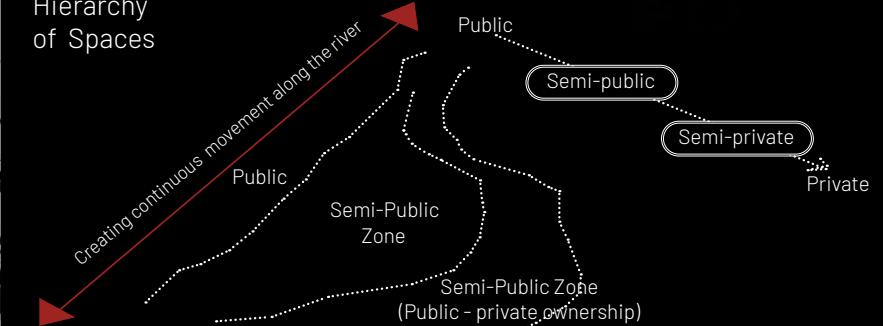
- Public private ownership
- Cohesive social culture

Existing Landuse



Informal Settlement
Formal Settlement
Industries
Green open areas

Hierarchy of Spaces



Zone 3 // Recreating opportunities



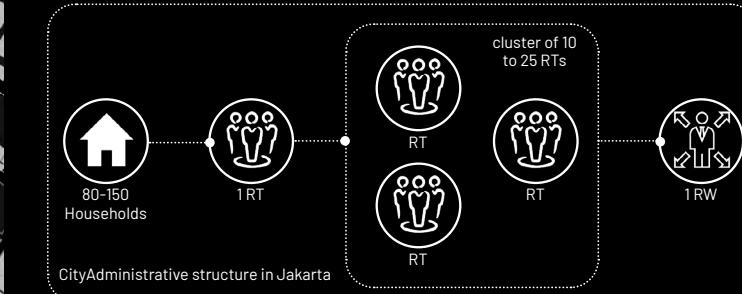
Create

- Backyard farming culture
- Fresh Vegetable Market
- Fishing club

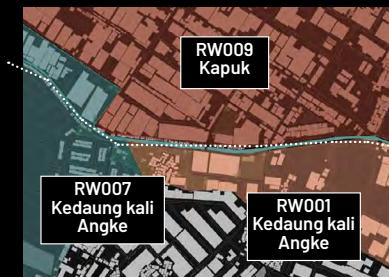
Strengthen

- Outdoor activity participation for factory workers

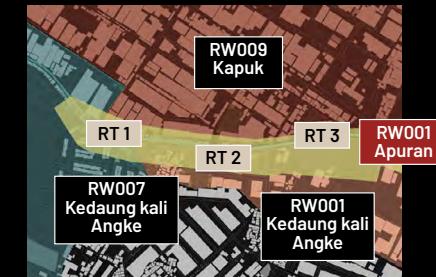
Existing Landuse



Breaking the (invisible) Administrative Boundaries



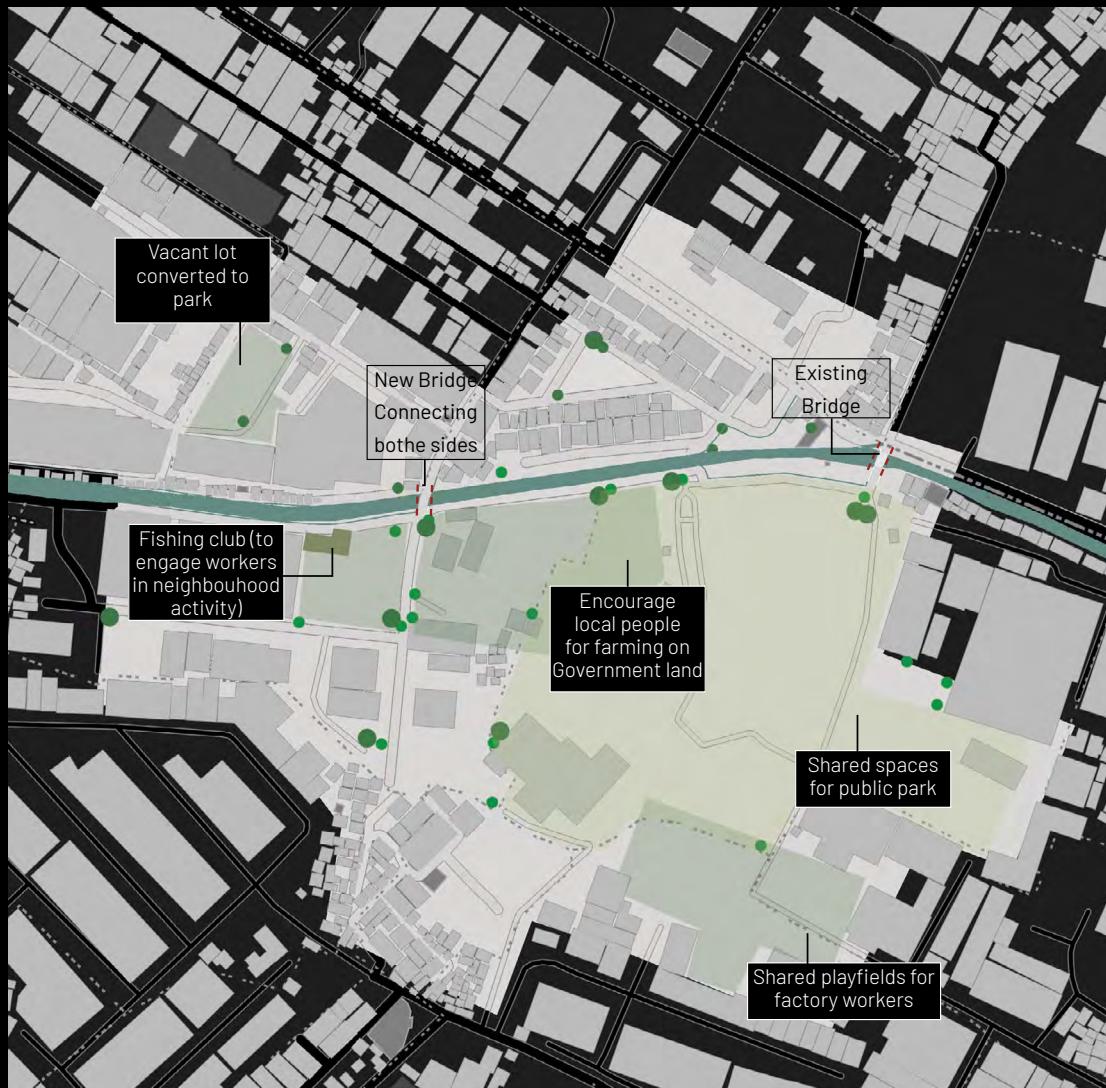
Existing RWs around Zone 3



Proposed new RW structure

- Exclusively dedicated to river stretch
- RT 1 : cater to Formal + Informal settlment
- RT 2 : caters to Industry and Market making
- RT 3 : combines Govn. + informal residences

Zone 4 // Shared spaces



Create

- Break walls and welcome shared farming practice
- Multipurpose outdoor park to be used during day time when the buses are not parked

Existing situation



Very strong boundaries and creates isolation on the street



Give rise to dark - less approachable - blind spots, creating opportunity for crime



Proposed new RW structure

- Exclusively dedicated to river stretch
- RT 1: cater to Formal + Informal settlement
- RT 2 : caters to Industry and Market making
- RT 3 : combines Govn. + informal residences
- RT 4 : Immediate residential and government institute

Strengthen

- Natural surveillance
- Proper walk ways to encourage pedestrian movement

Existing Landuse



Legend:

- Informal Settlement
- Formal Settlement
- Industries
- Religious buildings
- Government Insti.
- Religious building

Drug trade is not just an urban problem but a “Landscape issue” as well. When the cities act as breeding ground for drug trade - **in the backdrop, a large mass of rural land is transformed to cultivate the plants used for these stimulants.** This eventually creates huge cultural shifts in suburbs and villages. I believe that the solution to this also lies in Urban landscapes reforms. **The proposed design interventions make an attempt to act as a circuit breaker for smuggling issues** in urban centers by creating better opportunities for social well being and financial independence of the people engaged in this risky industry.