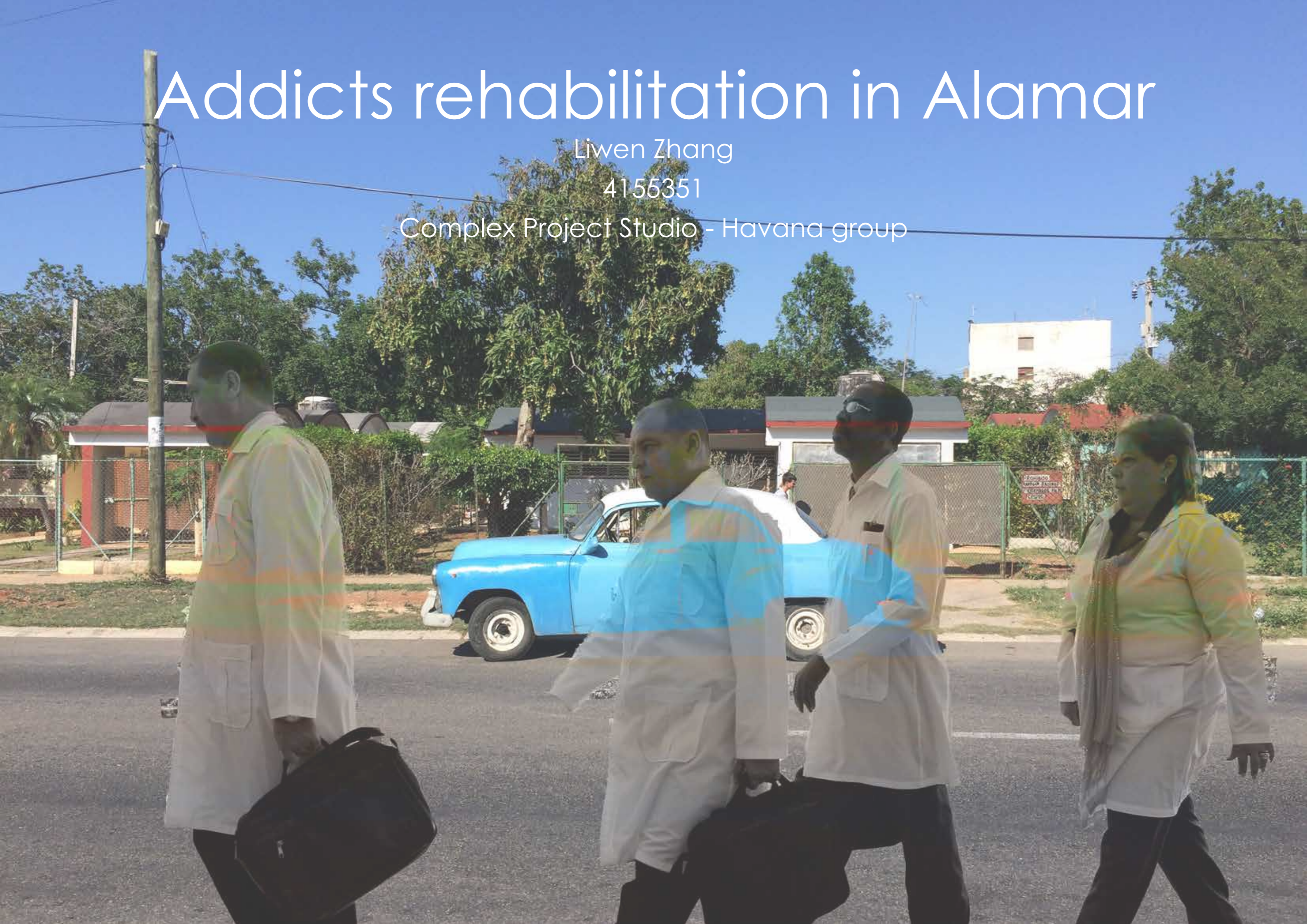


Addicts rehabilitation in Alamar

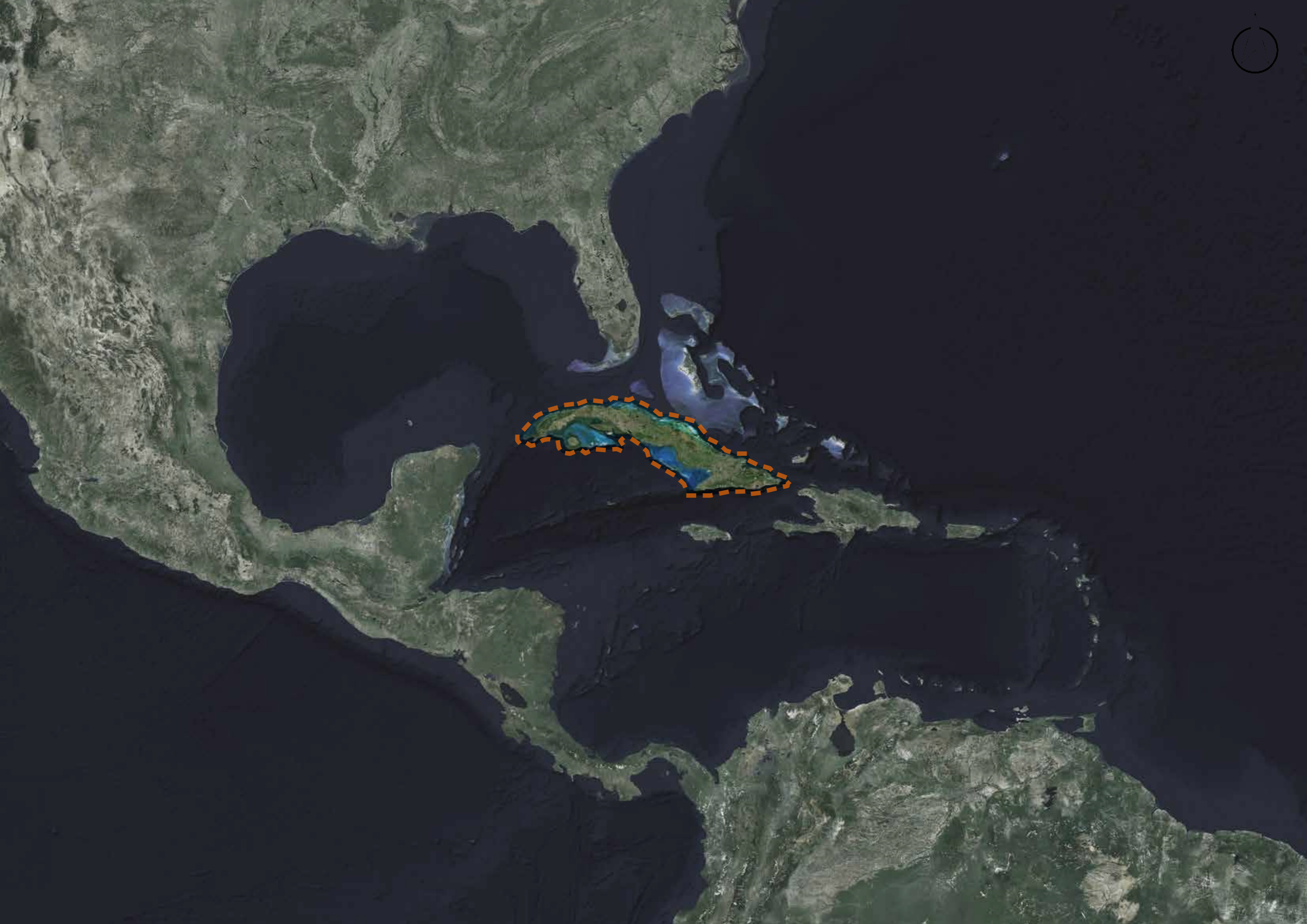
Liwen Zhang

4155351

Complex Project Studio - Havana group



1. Background



Capitalism

Capitalism

Capitalism

Capitalism

Socialism

Embargo

Imported to Cuba
80% food
59% oil



1948

2013

16000

12000

8000

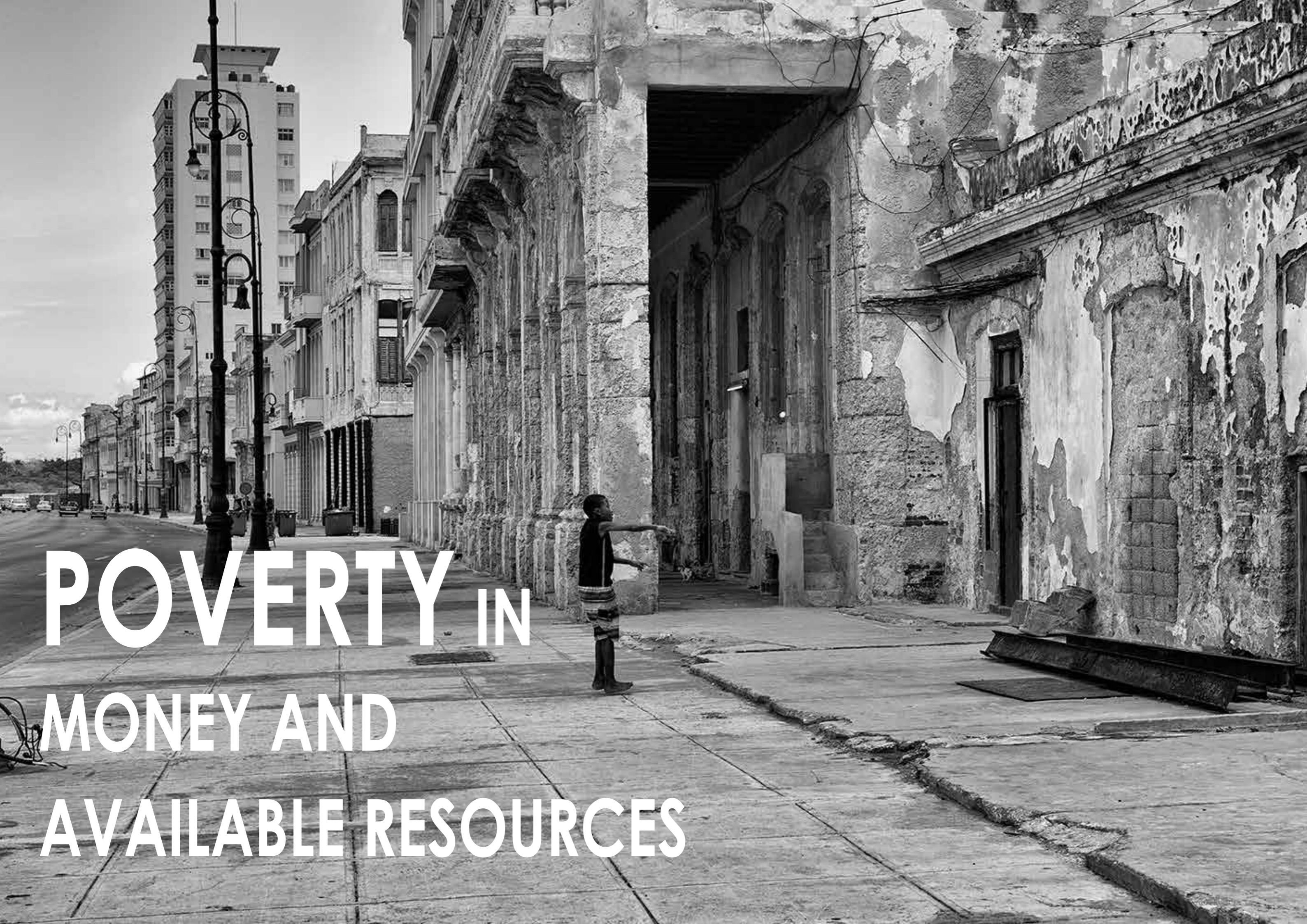
4000

0

Import

Export





**POVERTY IN
MONEY AND
AVAILABLE RESOURCES**

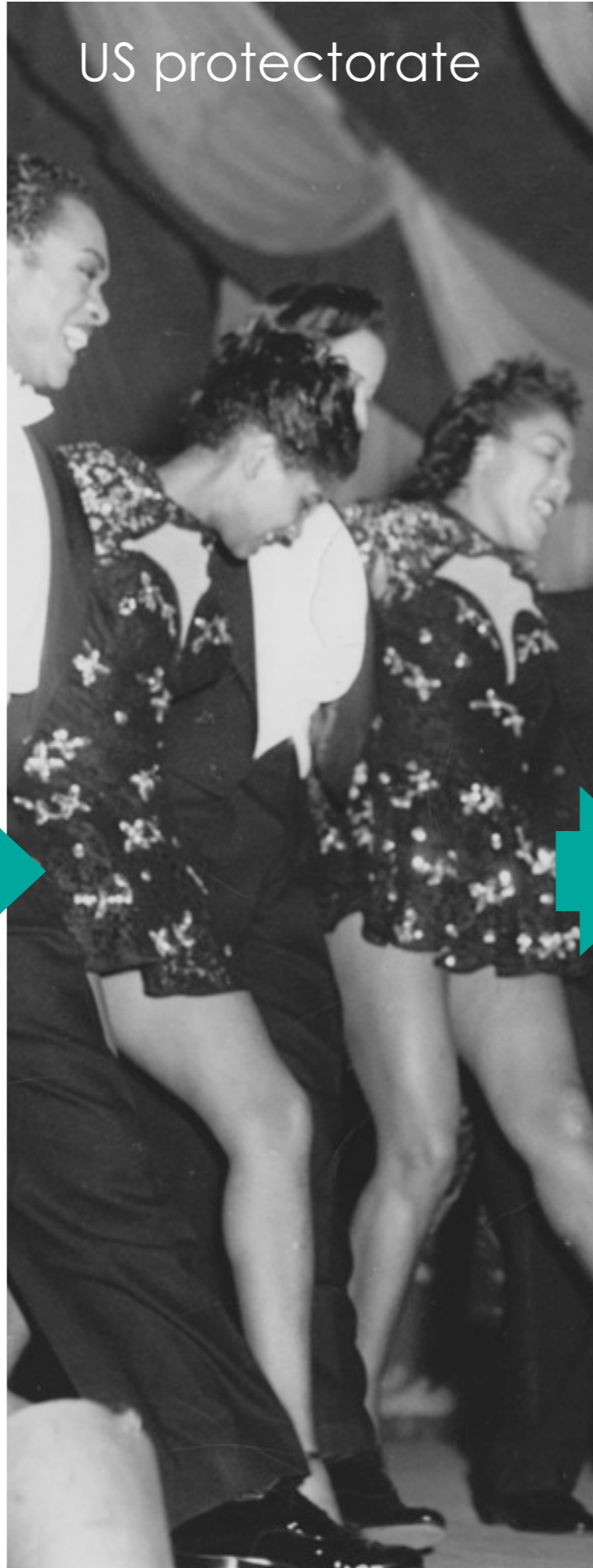


TOURISM BOOSTS HAVANA'S CITY REGENERATION
but not outside the city

Spanish colony



US protectorate



Socialism



?

1492

1902

1959

2016



2. Goal

Boost the **economy** of an
outskirt neighbourhood of
Havana in such a way the
local **identity** is **kept** and
reinforced.

3 questions are essential:

1) How can we boost economy?

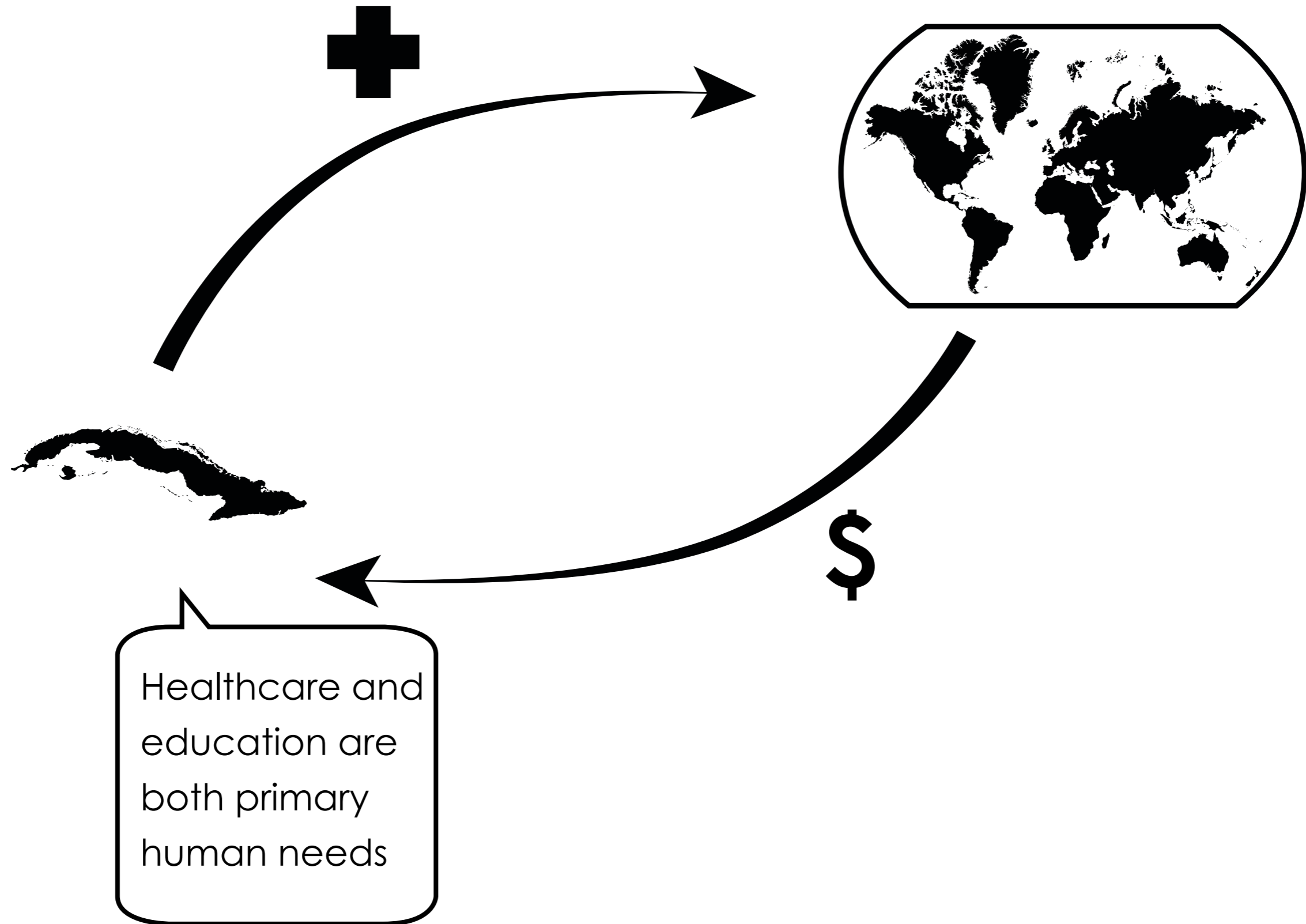
2) What is the local identity?

3) How goes improving economy and reinforcing local identity go together?



3. Strategy

1) How can we boost economy?



Distrust in Cuban
technology by developed
countries.



Labor intensive healthcare,
We can start with the most
unwanted one:

Addicts rehabilitation

Individual

-  moordbroers
-  Jury in beraad over moorden Murcia
-  Geen bewijs compensatie koning
-  'Bernhard deugde niet'
-  Alarm psychiatrisch centrum
-  Oproep geweld in ov
-  Woede over ponyletters
-  'Mogelijke miskraam Juliana'
-  A2 Veldhoven kort dicht

Telesport

Chelsea vraagt West Ham om bescherming fans

Zlatan weet wel raad met de City-fans die...

Audi verlaat Le Mans en investeert in...

Guardiola neemt bekerduel met rivaal...

NEC beboet na niet melden van transfer

Privé

Dotan viert 30e verjaardag

Meghan Trainor kan niet schrijven zonder hulp

Gaga verrast getrouwd stelletje

Nicole Richie: geen spijt van verleden

Belgische koning ontvangt

Heroïne-epidemie VS steeds extremer

25 AUG 2016



CINCINNATI - De heroïne-epidemie in de Verenigde Staten neemt steeds extremere vormen aan. Het aantal sterfgevallen als gevolg van overdoses blijft toenemen en drugsbestrijders signaleren een nieuwe trend: op sommige plaatsen wordt de extreem verslavende drug versneden met carfentanil. Deze pijnstiller is 10.000 keer krachtiger dan morfine. Twee milligram van dit goedje is al genoeg om een Afrikaanse olifant onder zeil te brengen.

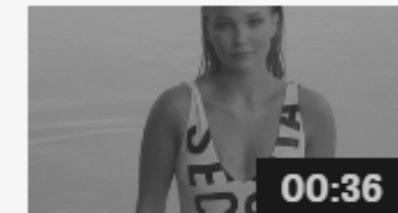
Het afgelopen jaar is het aantal heroïnedoden schrikbarend gestegen. Met name in de staten Ohio, Indiana en Florida steeg het aantal overdoses met dodelijke afloop. De drug, die in Nederland opkwam in de jaren zeventig en in de negentiger jaren uit de gratie raakte, is sinds 2014 weer in trek in de VS.

In de stad Cincinnati (Ohio) steeg het aantal overdoses afgelopen week explosief van 25 naar 90. „We weten het niet zeker, maar we vermoeden dat er een partij heroïne met

Meest Bekeken



'Koning Albert ging 16 jaar vreem



Deze sexy miss te dik bevonde



Zimra heeft no steeds seksrelatie



Edwin Evers b op milkshakegoo



Dashcam betr verkeershufte

Expenses for drug and alcohol rehabilitation



United States \$1000 a day



Canada \$426 a day

No picture available

Cuba \$176 a day



Individuals in need



Insurance companies

2) What is local identity?



Healthcare and education are both primary human needs



This should be considered an unmissable part of the Cuban identity

2) What is local identity?

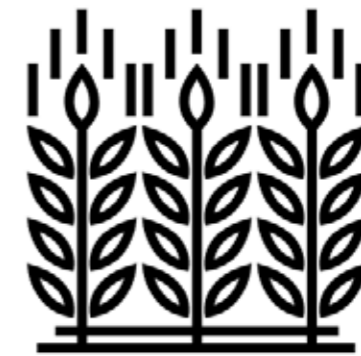
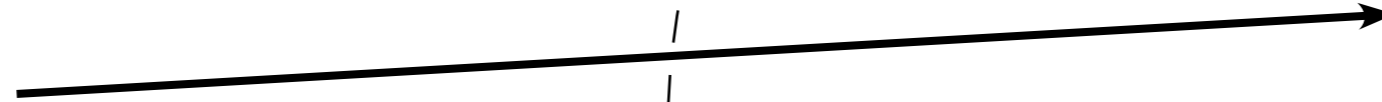
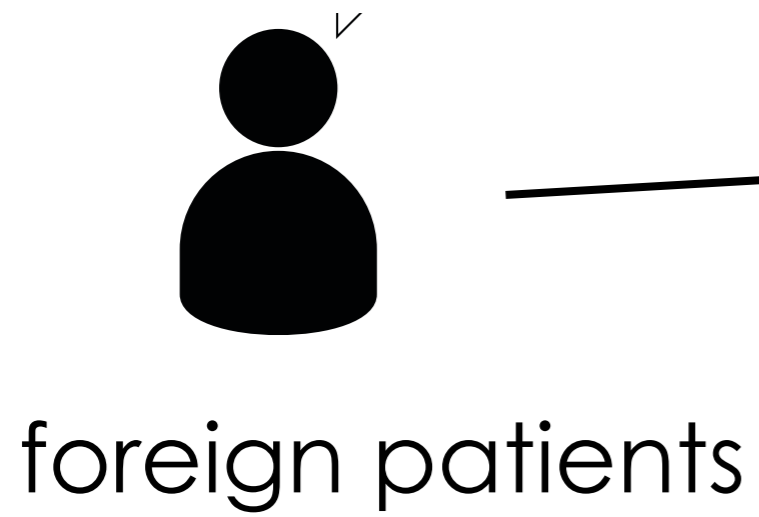


The strong community and it being the largest urban farming site should be considered Alamar's identity

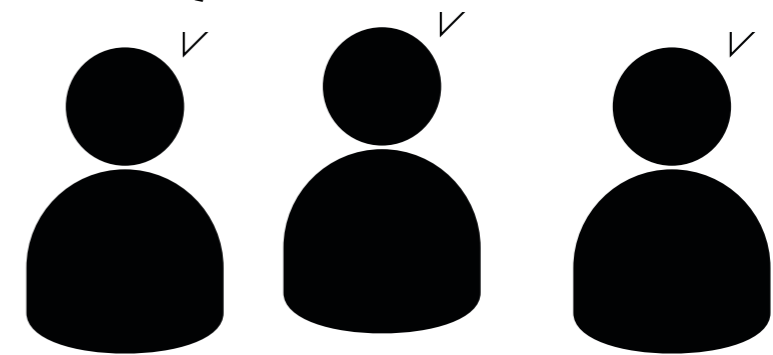
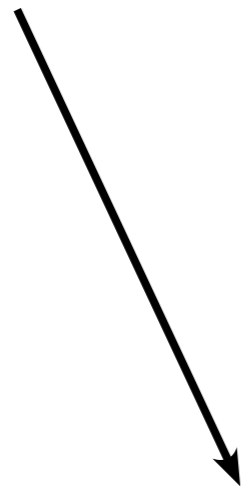


3) How goes improving economy and reinforcing local identity go together?

By engaging the identity in the improving economy process.



farms



community



1. Background

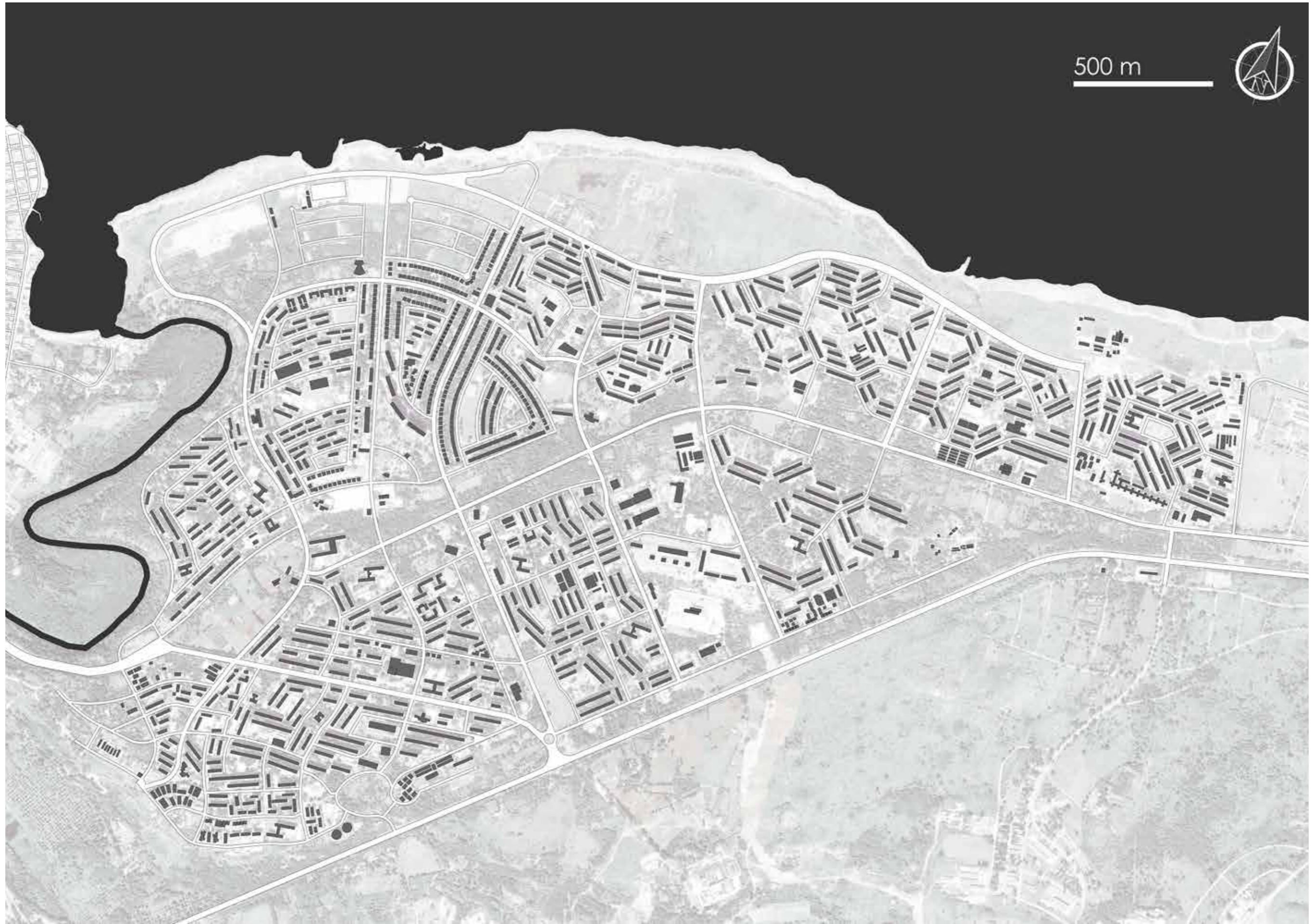
2. Goal

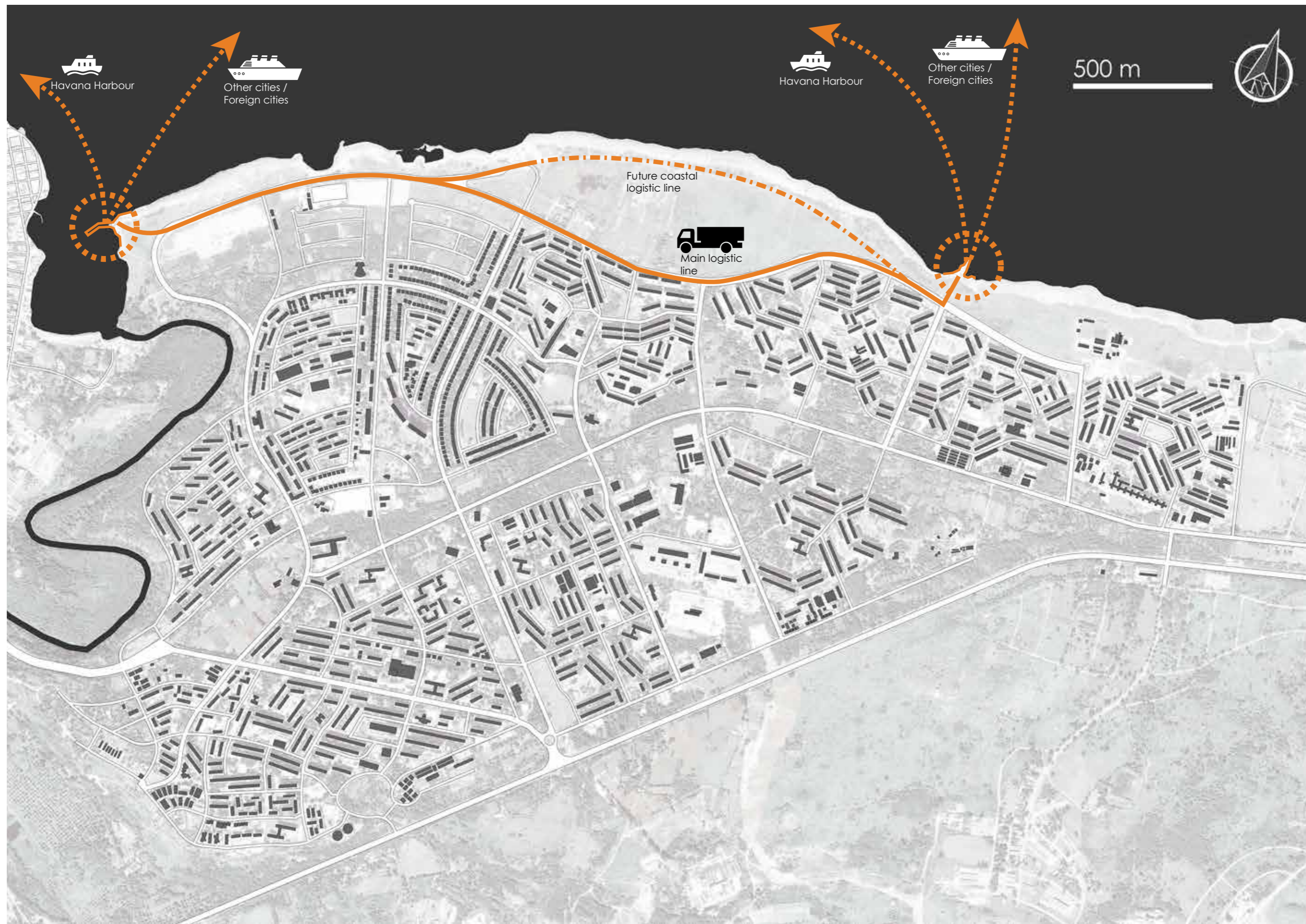
3. Strategy

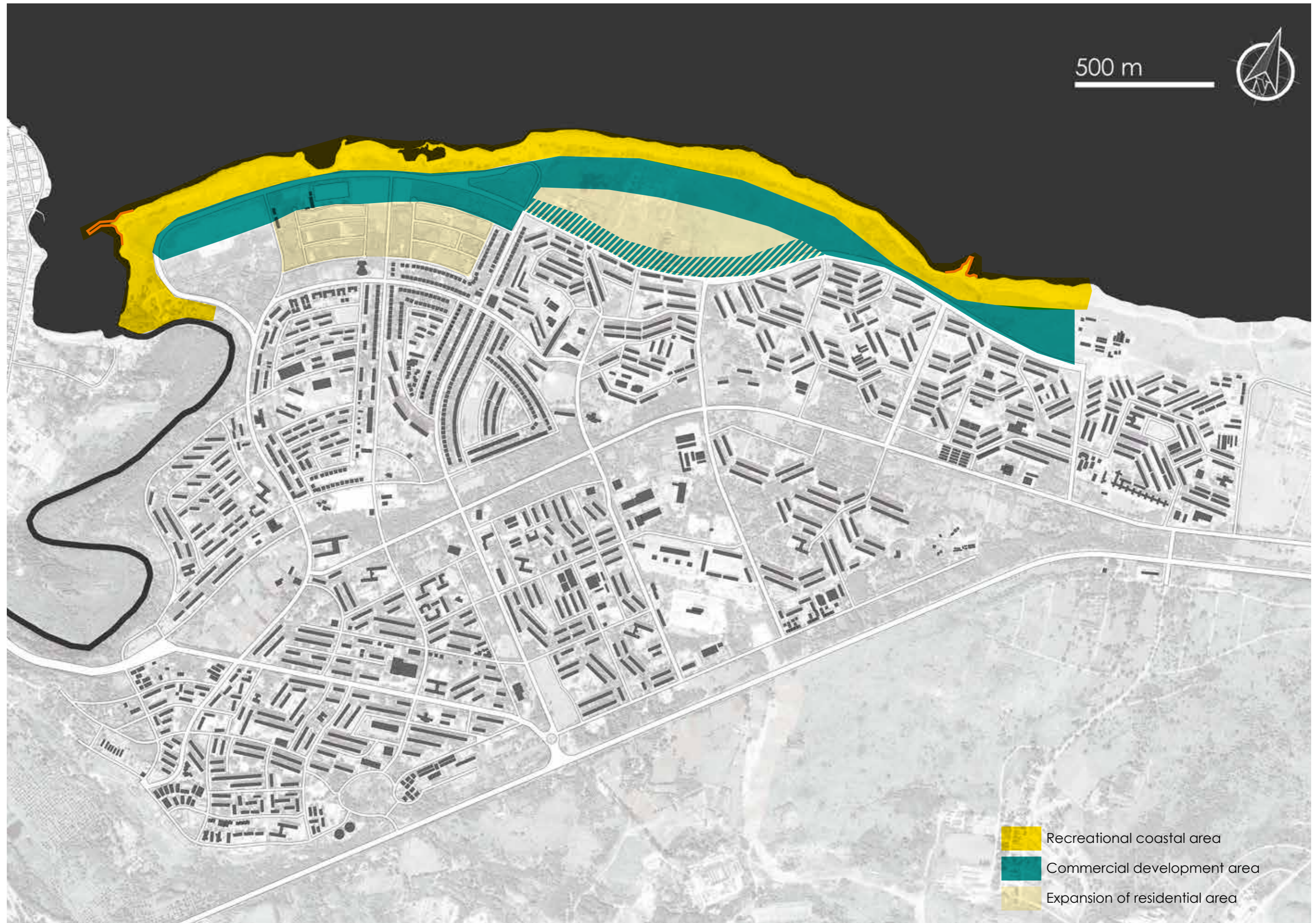
4. Intervention

5. Results

4. Intervention









1. Background

2. Goal

3. Strategy

4. Intervention

5. Results





1. Background

2. Goal

3. Strategy

4. Intervention

5. Results



1. Background

2. Goal

3. Strategy

4. Intervention

5. Results



1. Background

2. Goal

3. Strategy

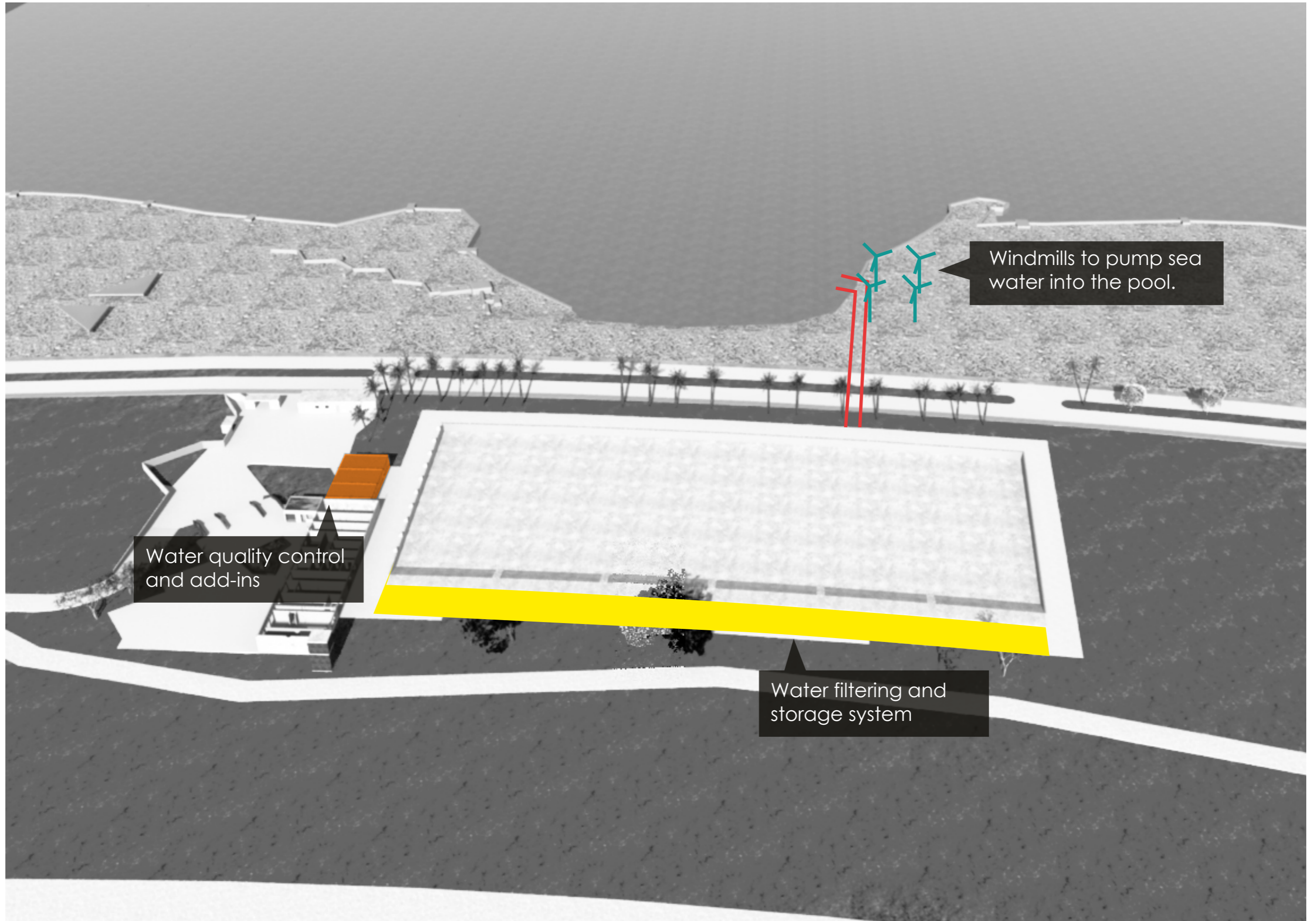
4. Intervention

5. Results

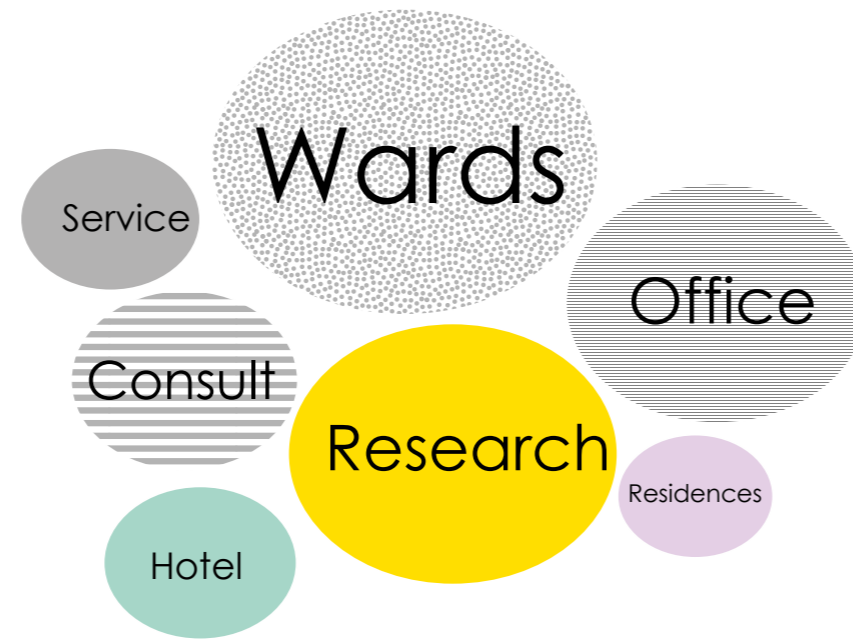


translation:
Gigantic
Swimming Pool

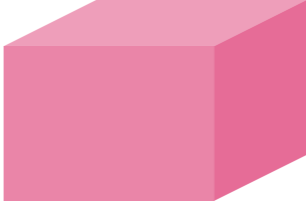
work and
rehabilitation



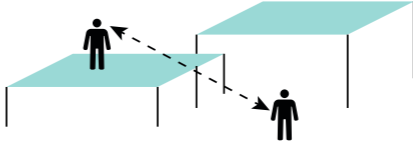
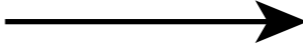
Functions



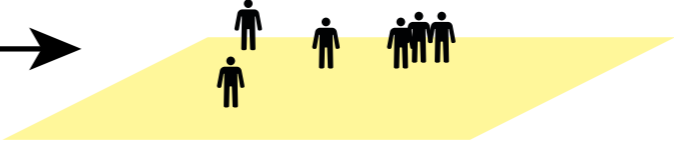
Functions



privacy
security
peacefulness

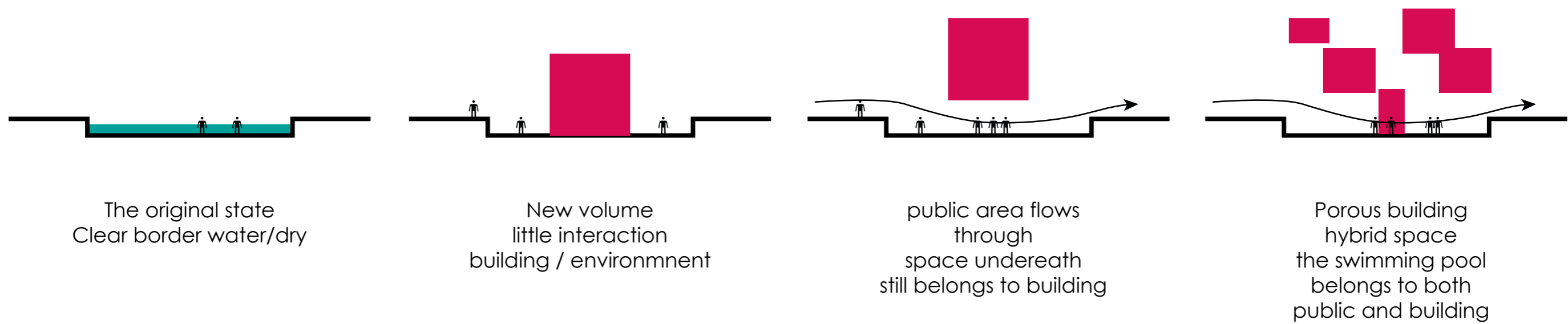


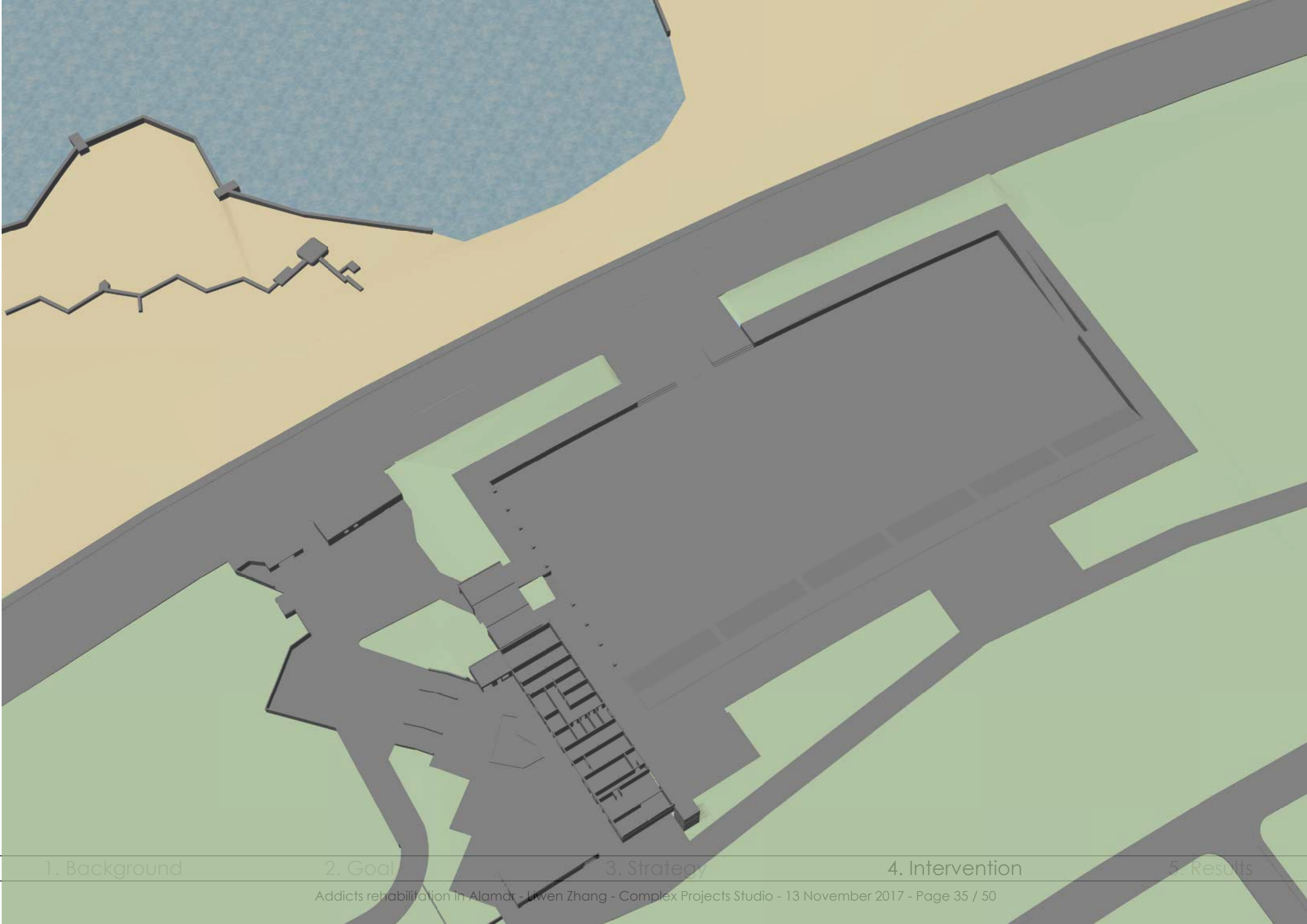
limitly accessible
but inviting

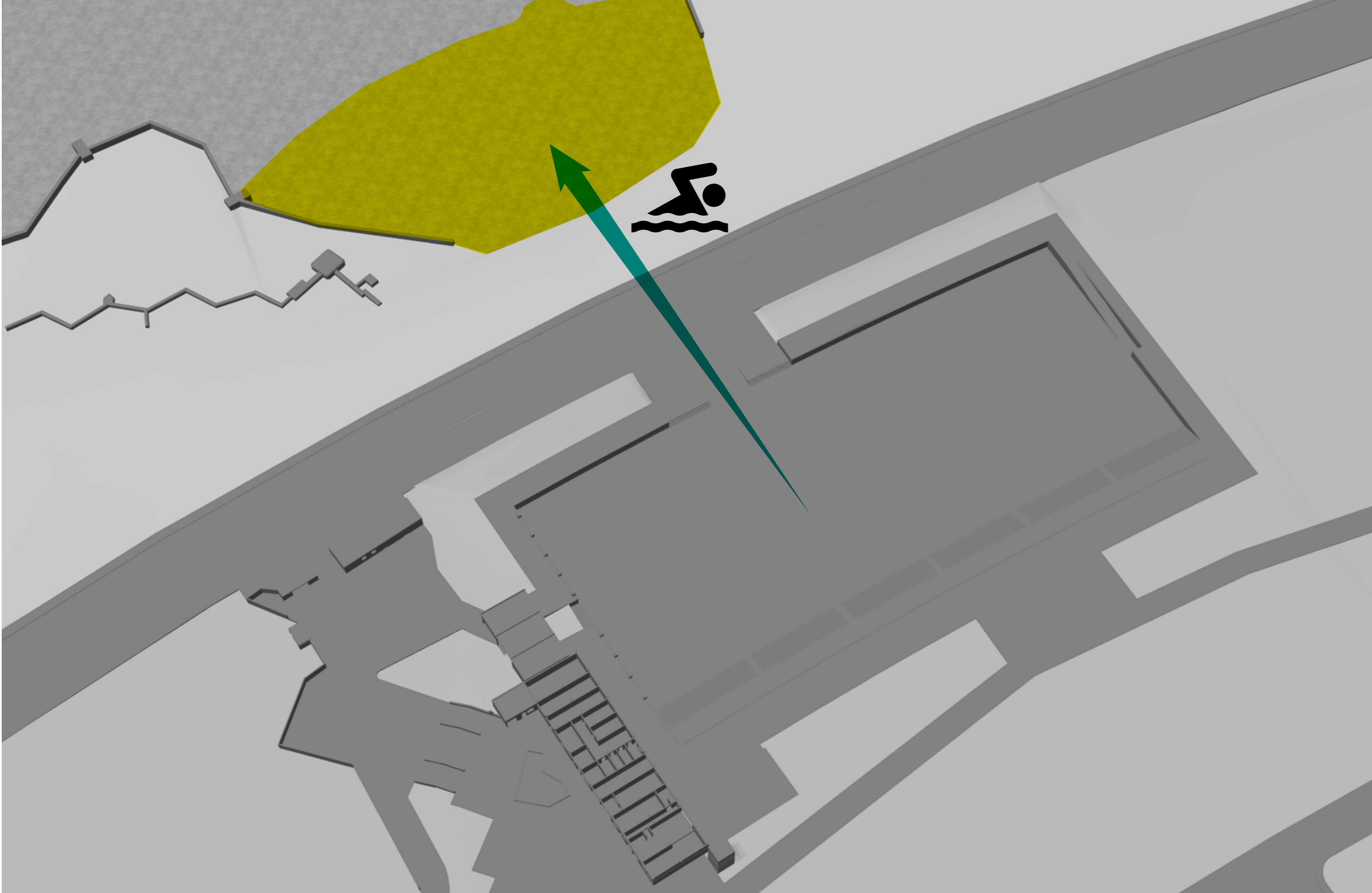


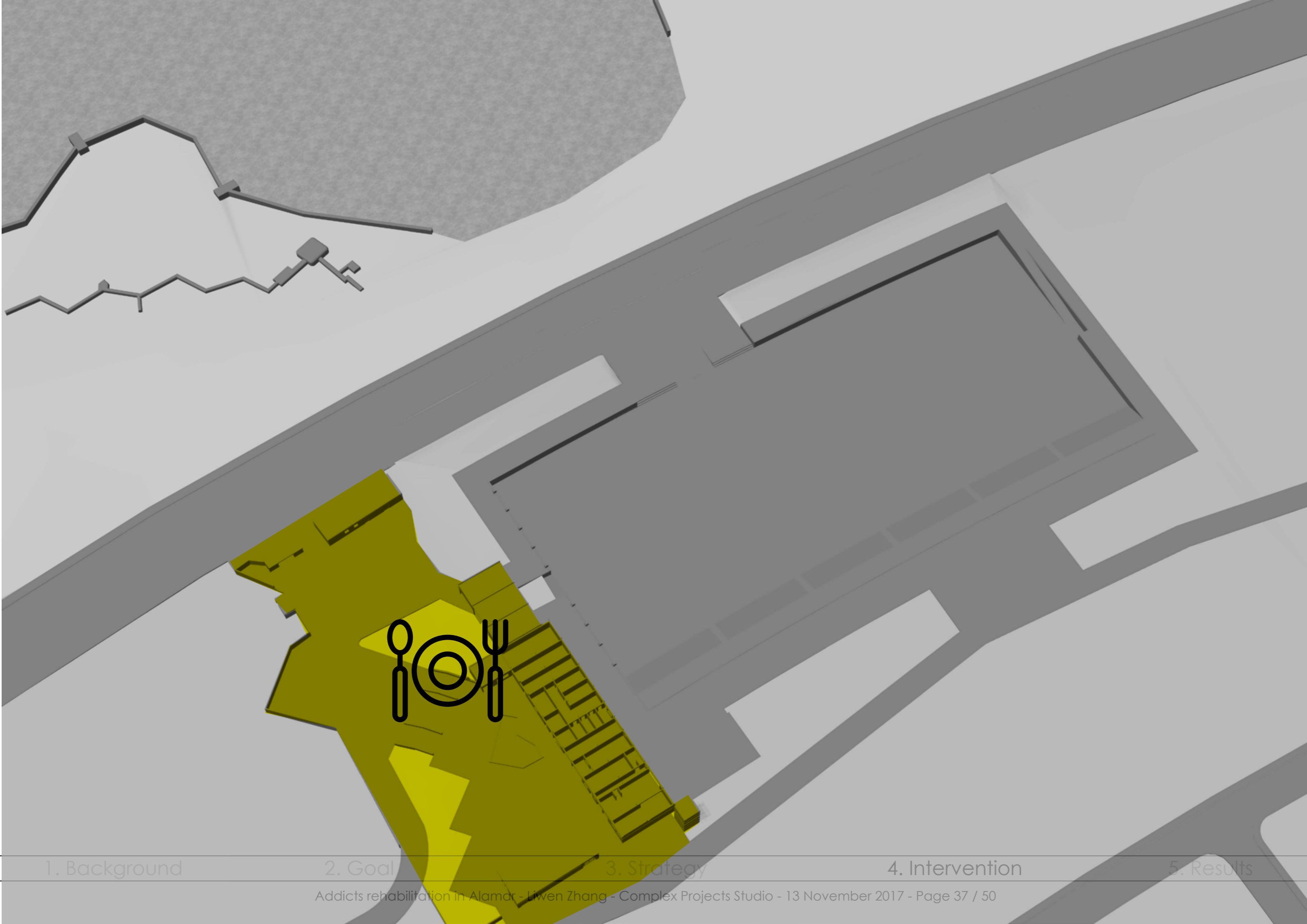
fully accessible for
everyone
filled with life

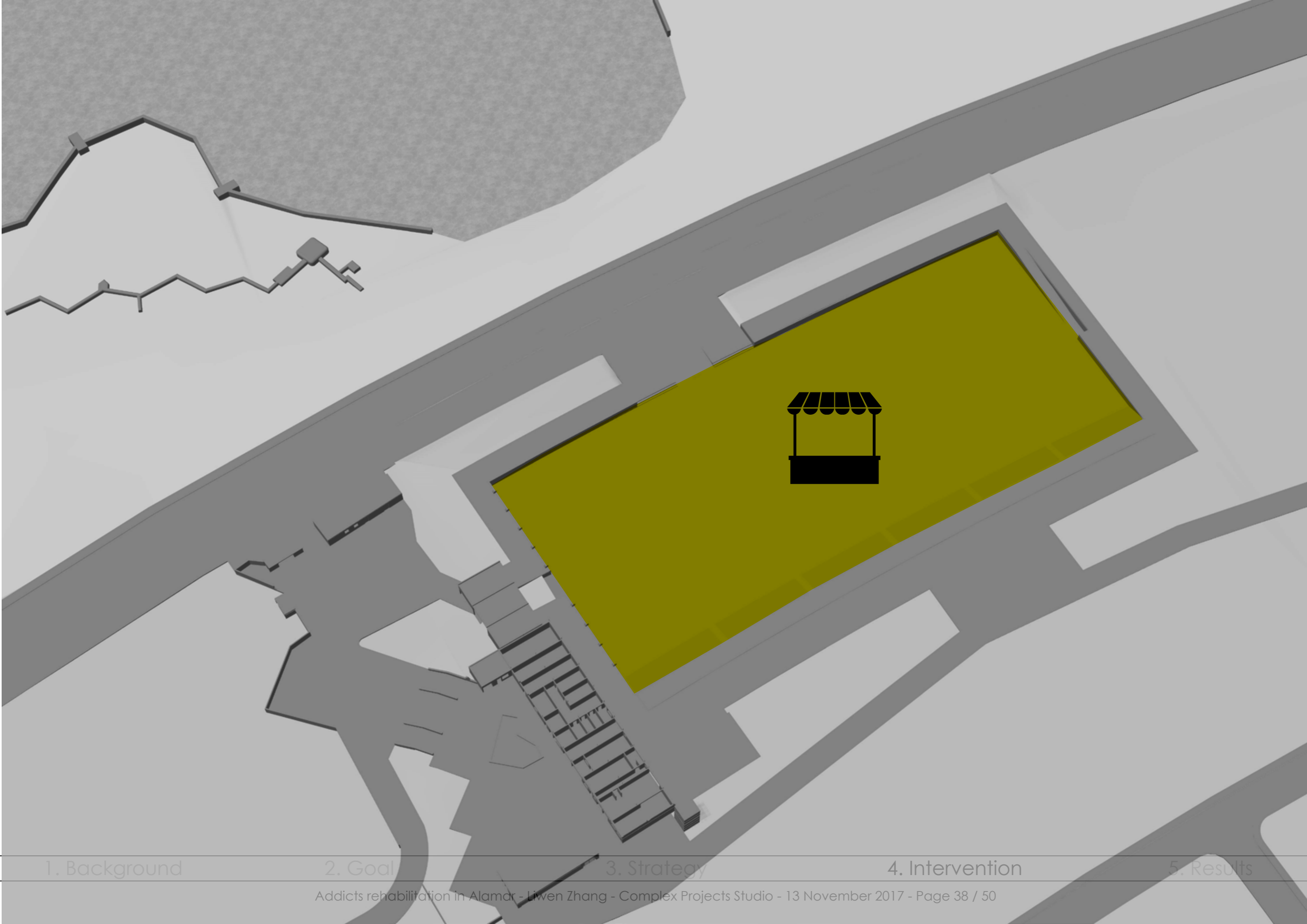
Spatial arrangement

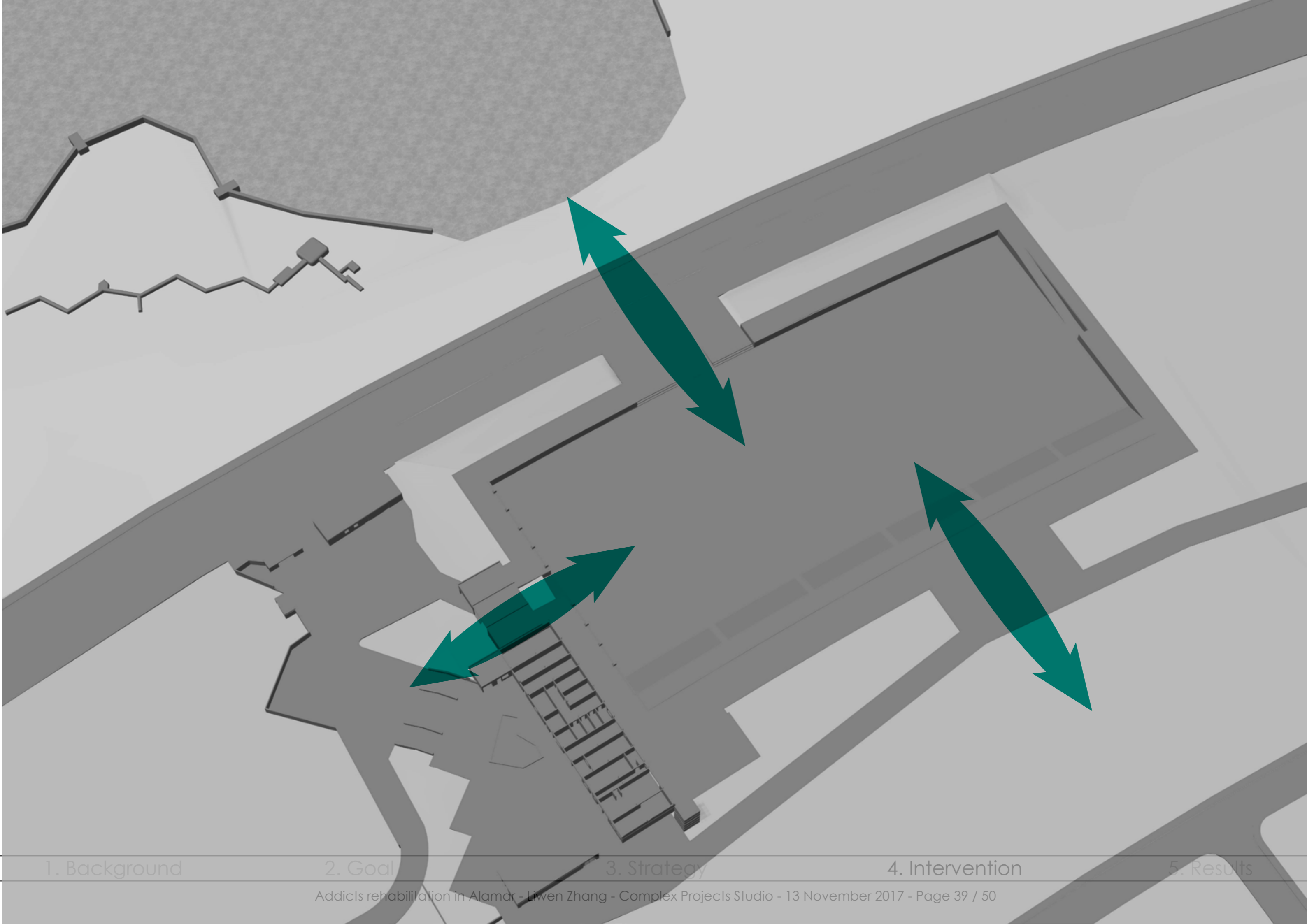


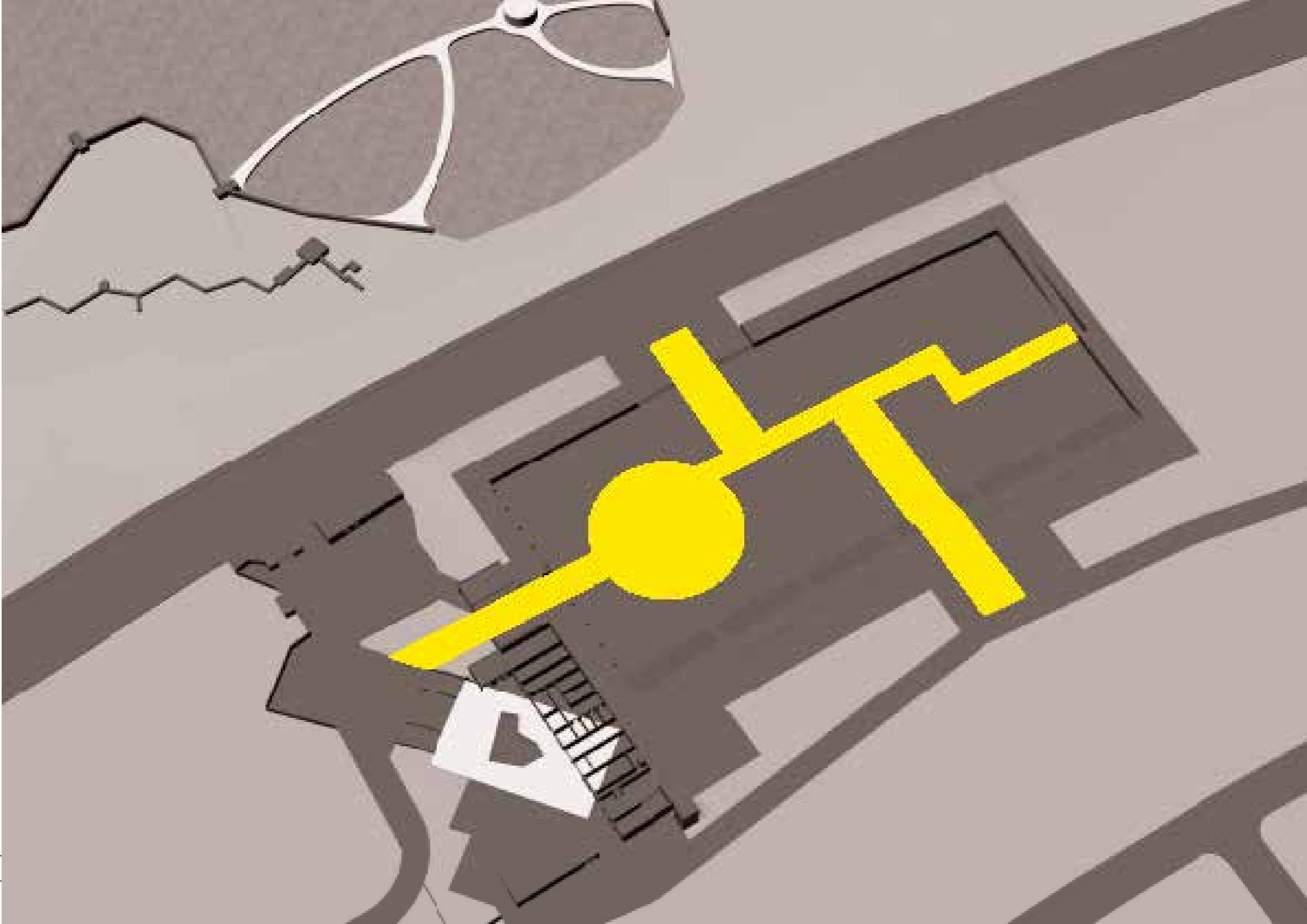


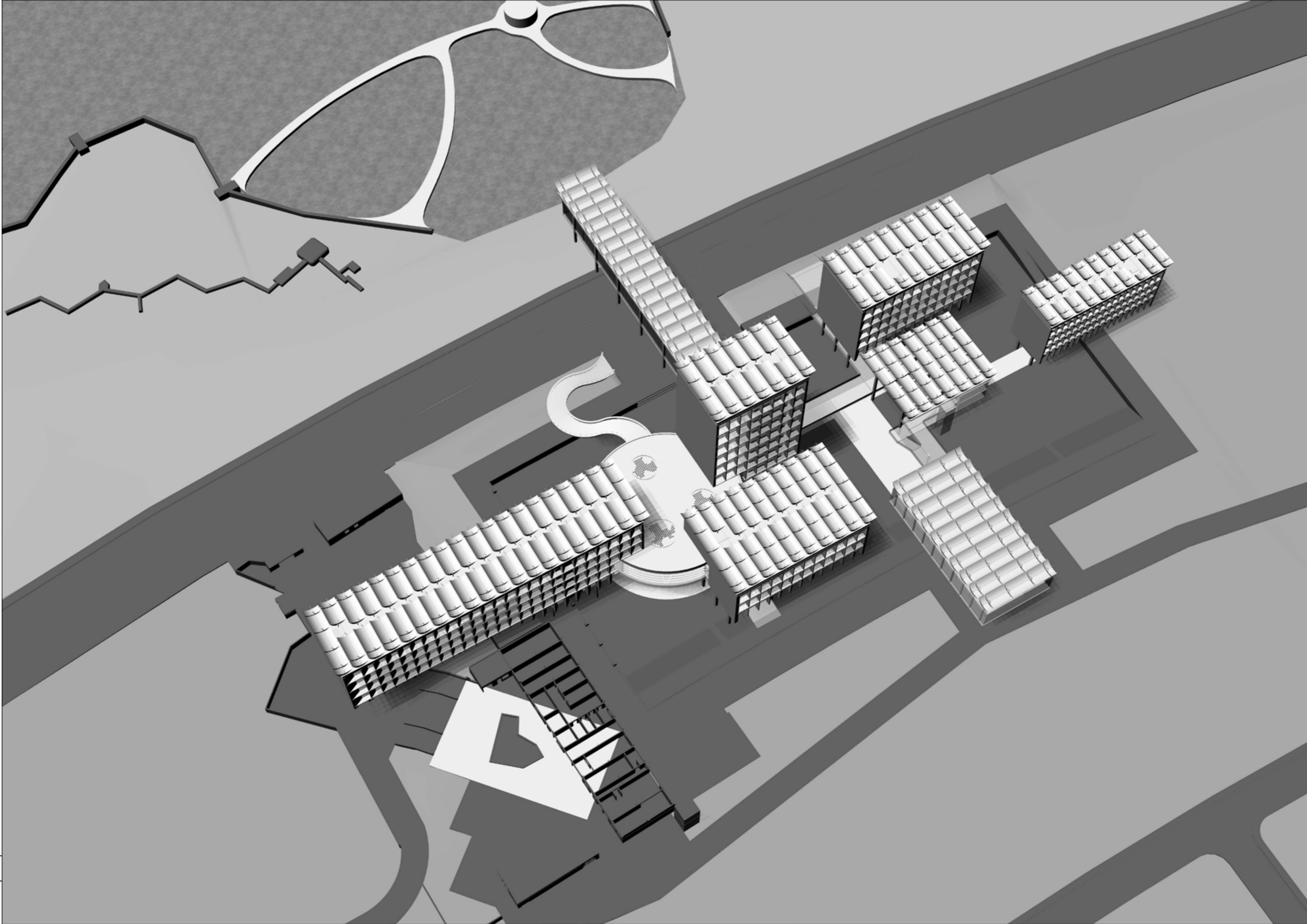








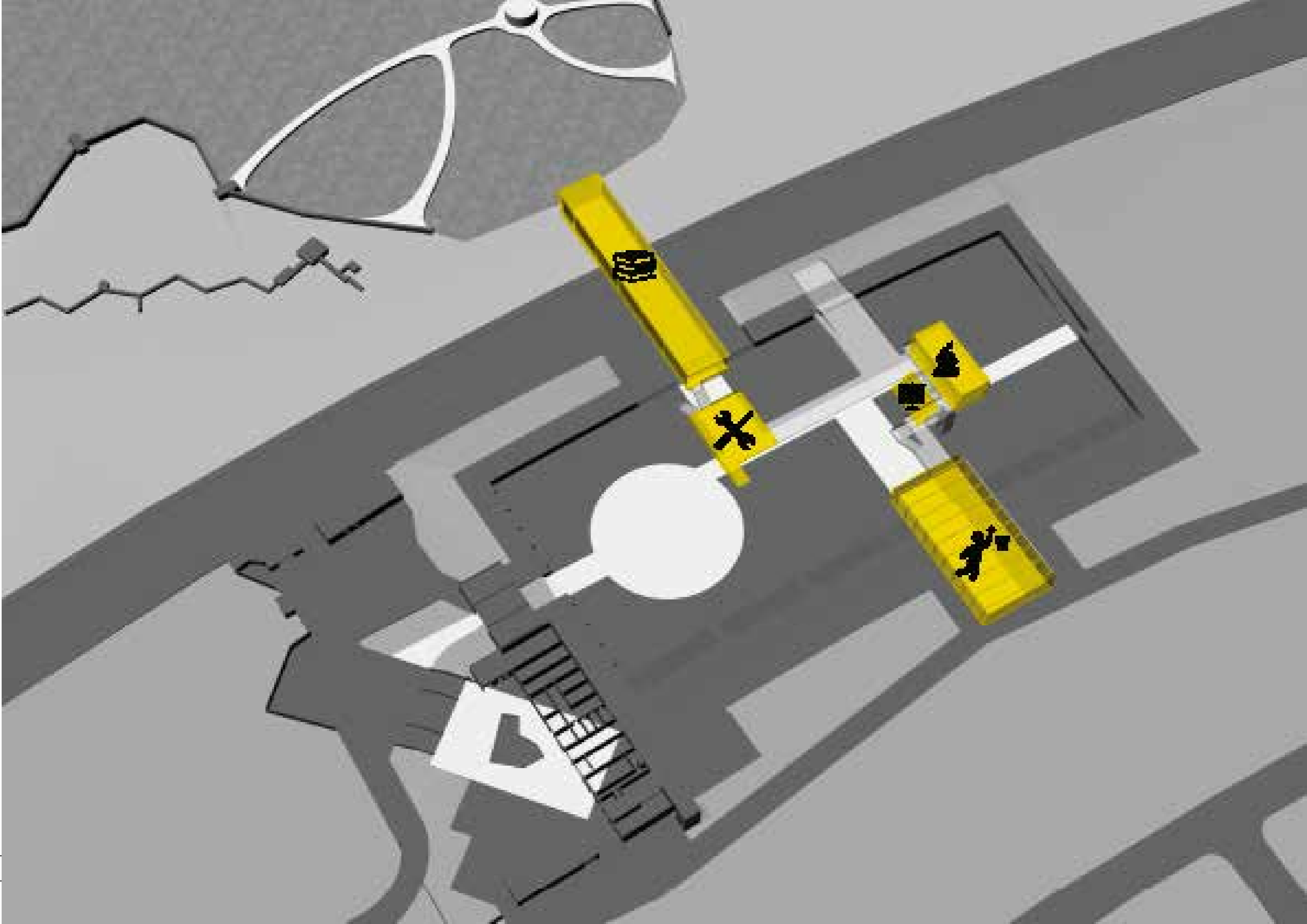


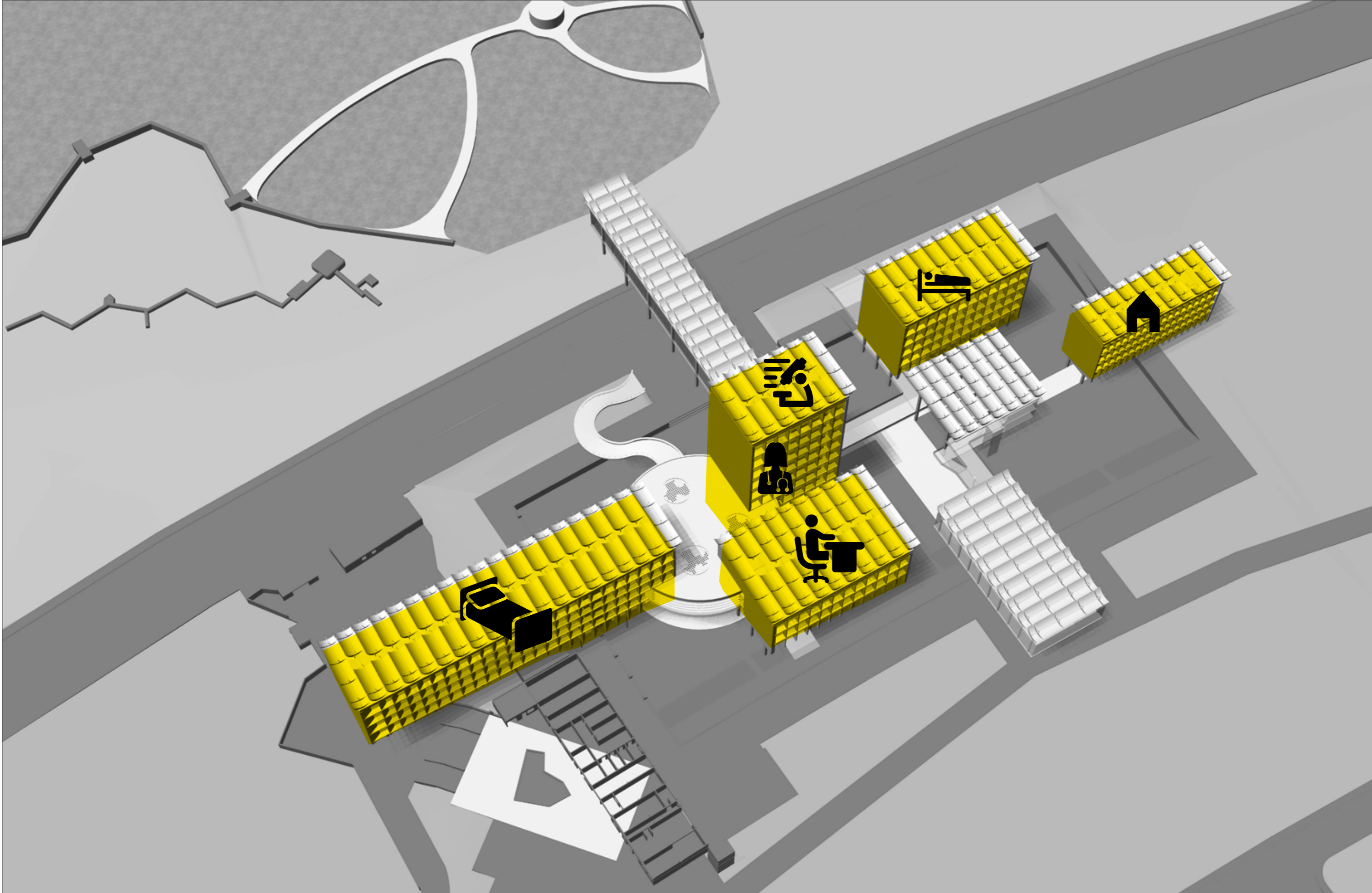


Havana's gallery allow spontaneous conversations while looking for shades



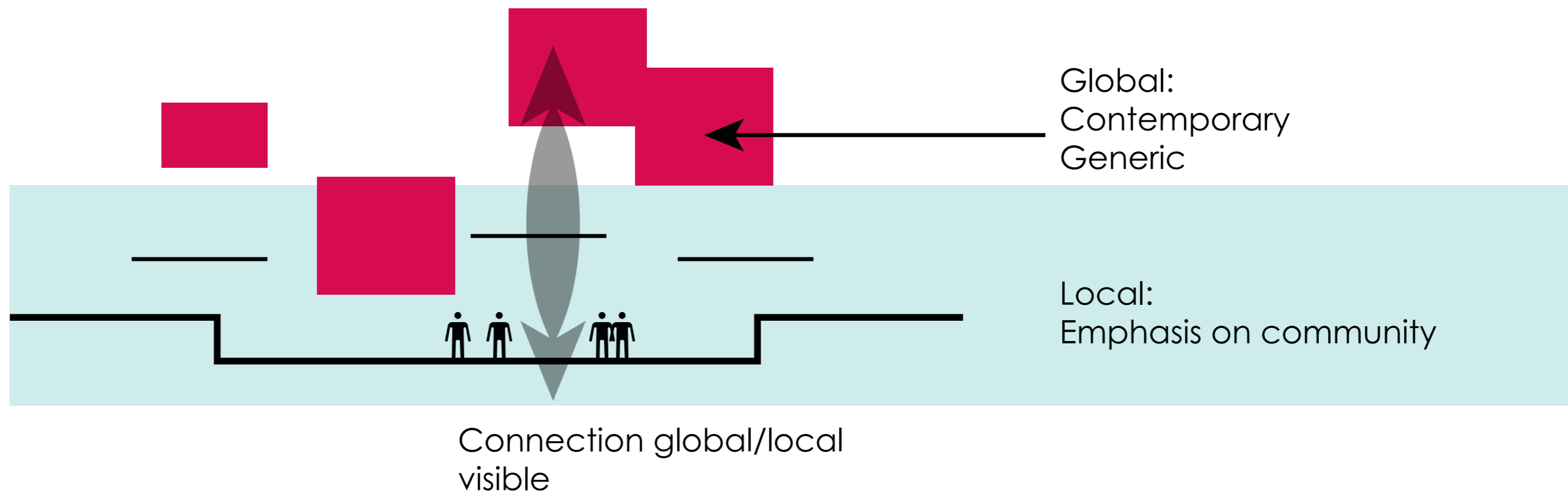


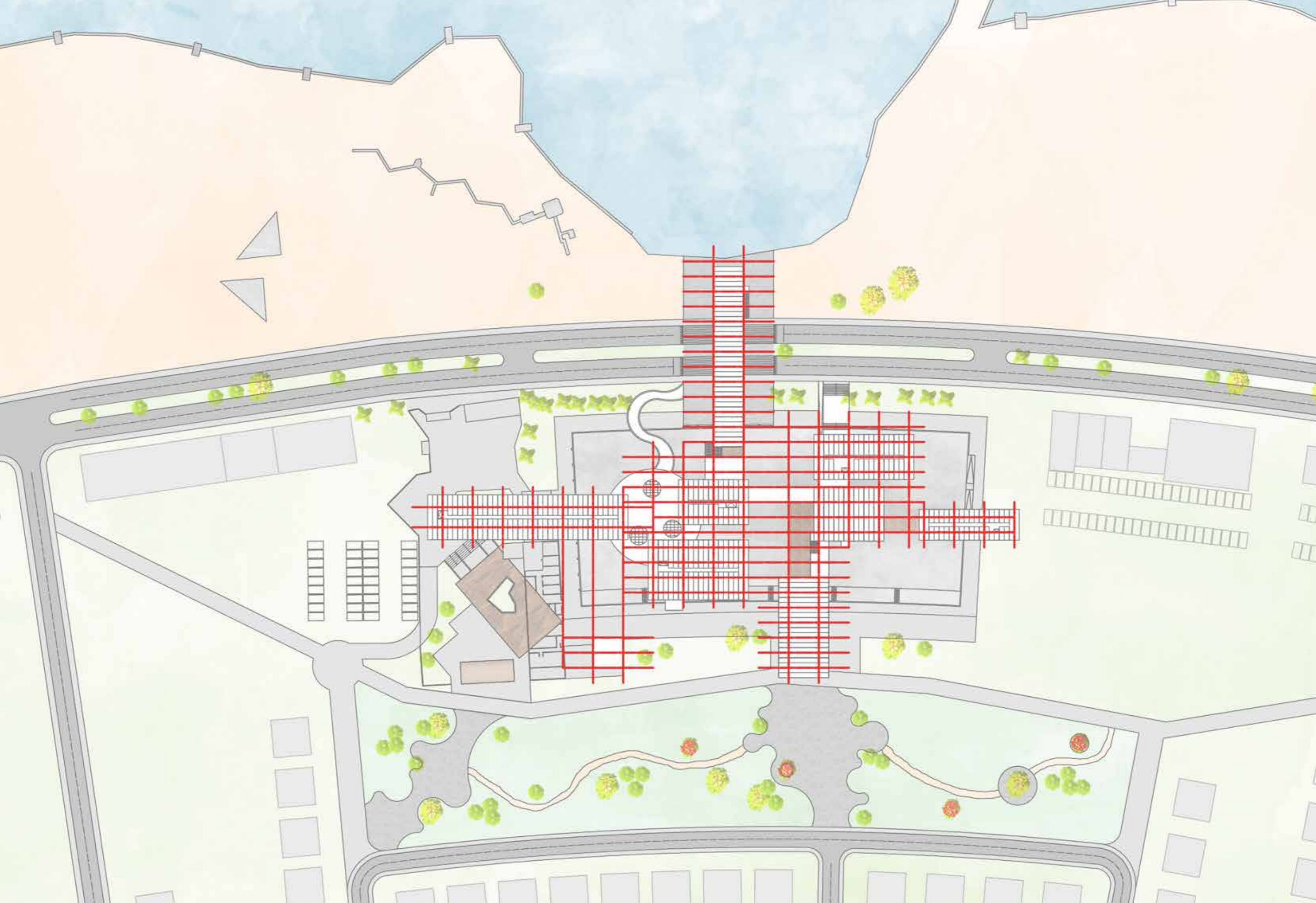




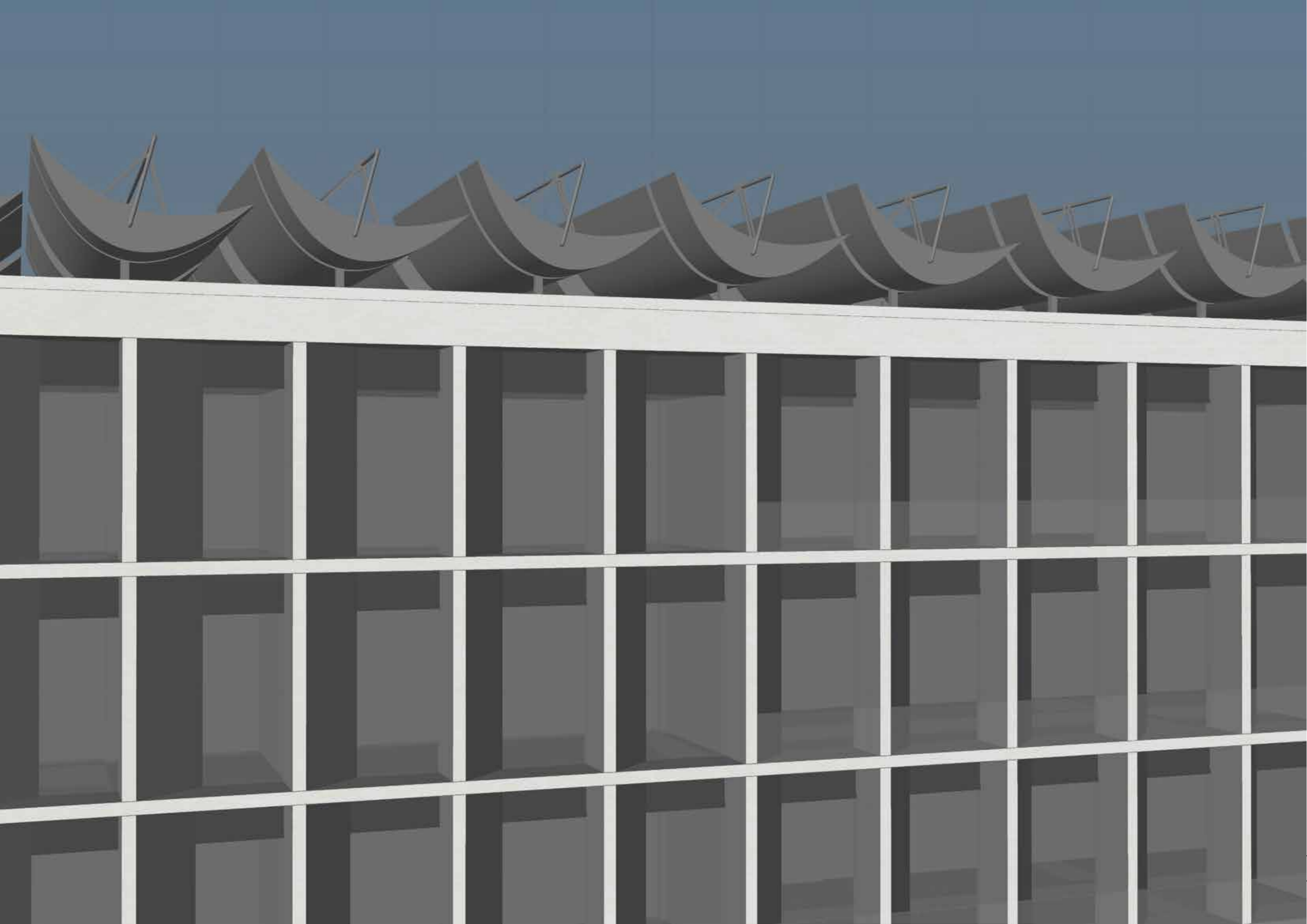
Spatial quality requirements

To local inhabitants

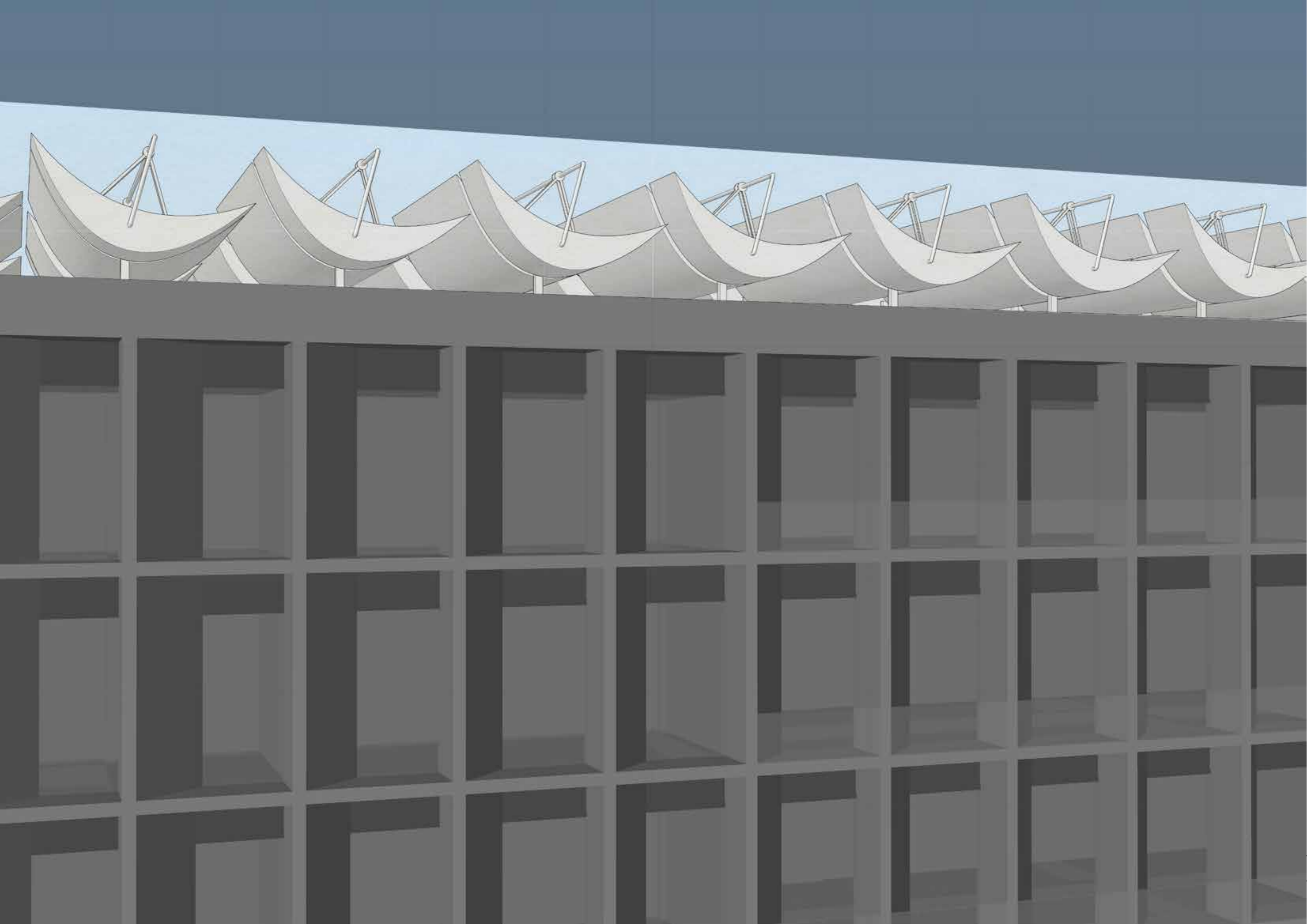




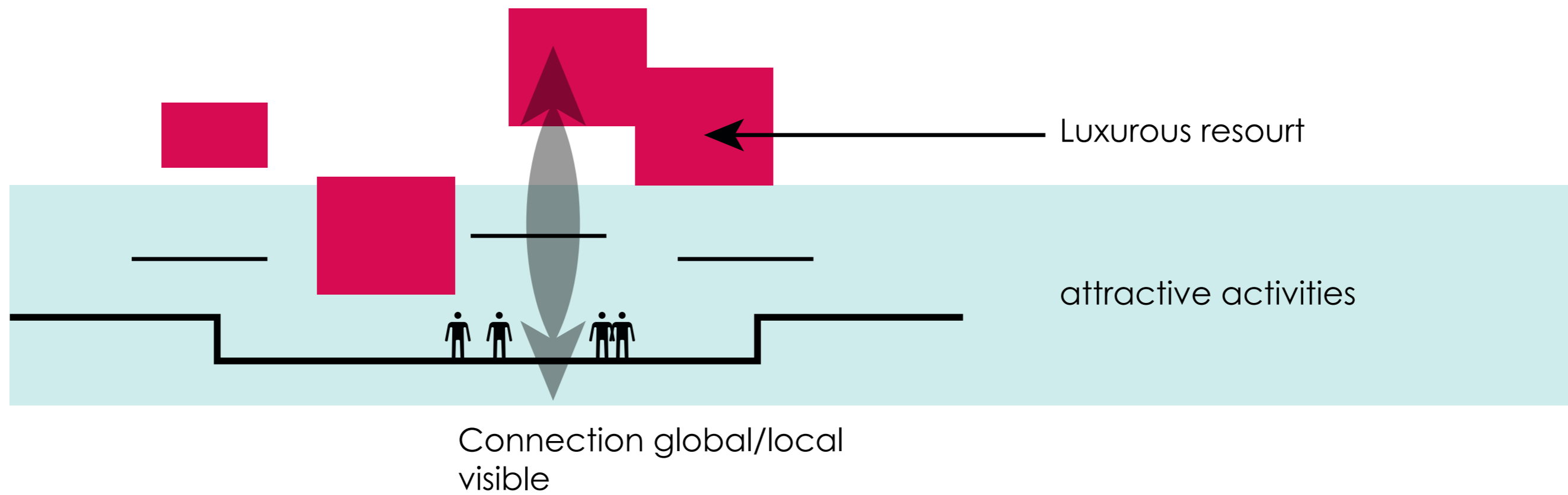






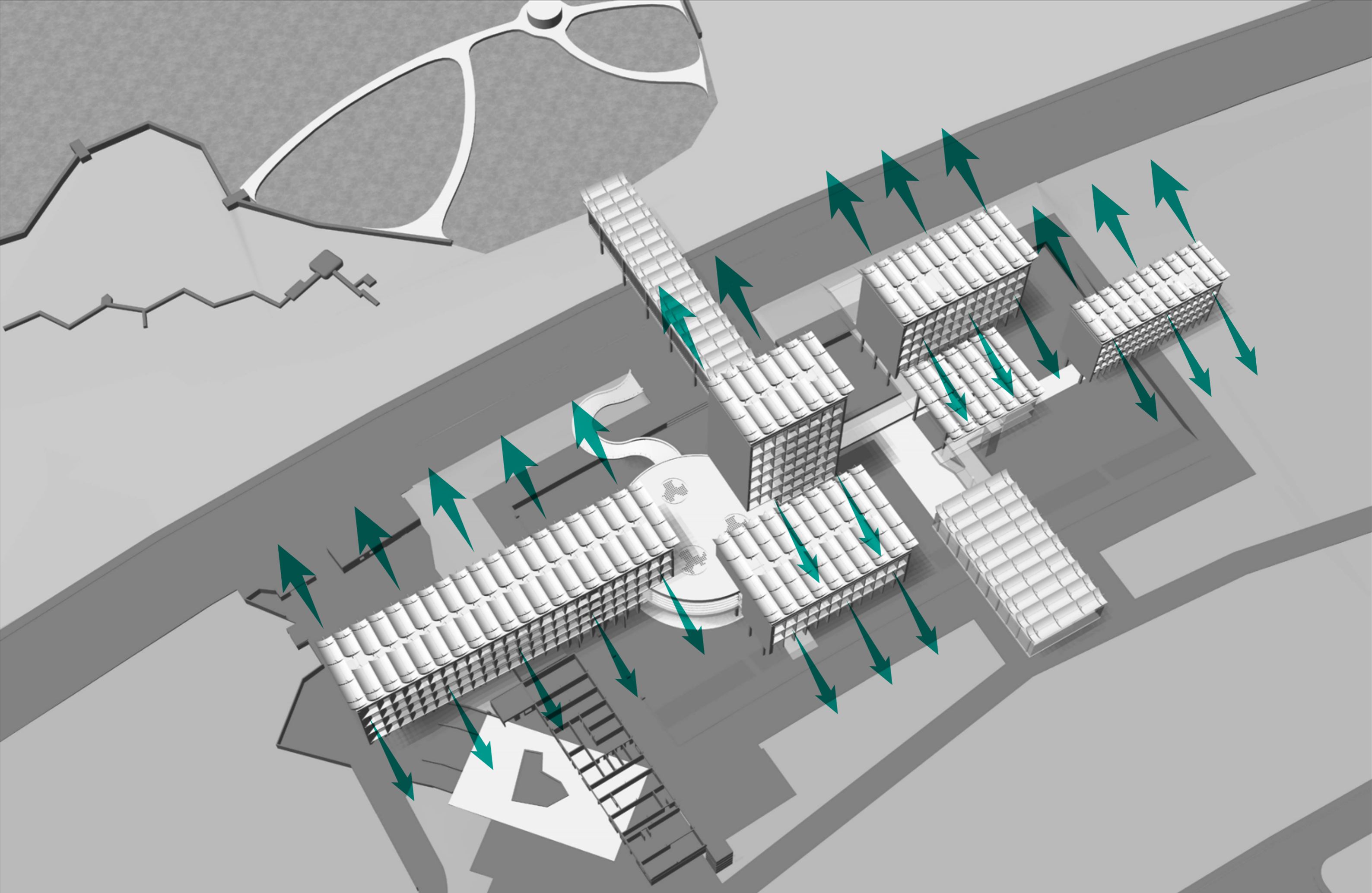


To foreign patients



reference sea view resort





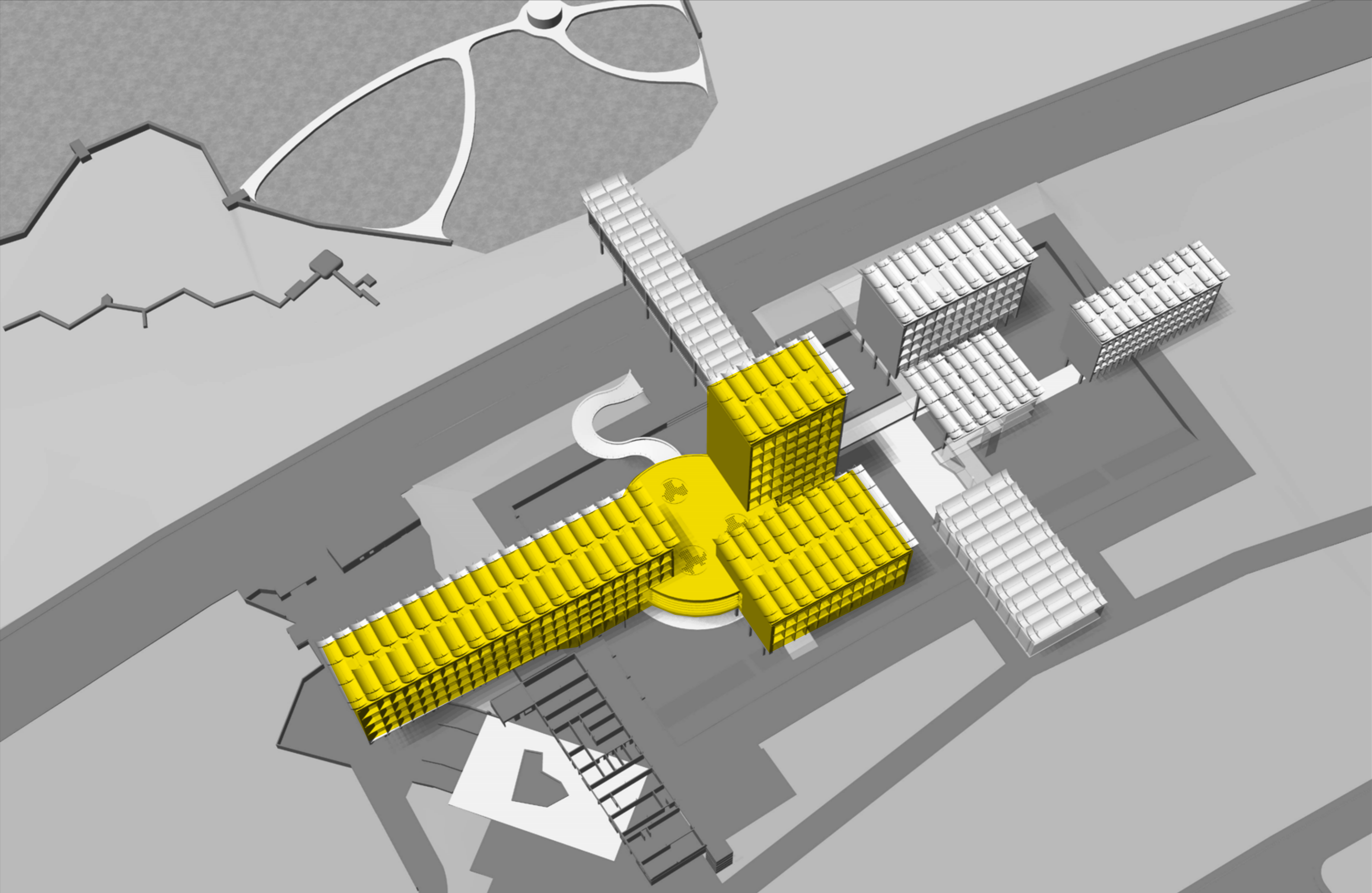
1. Background

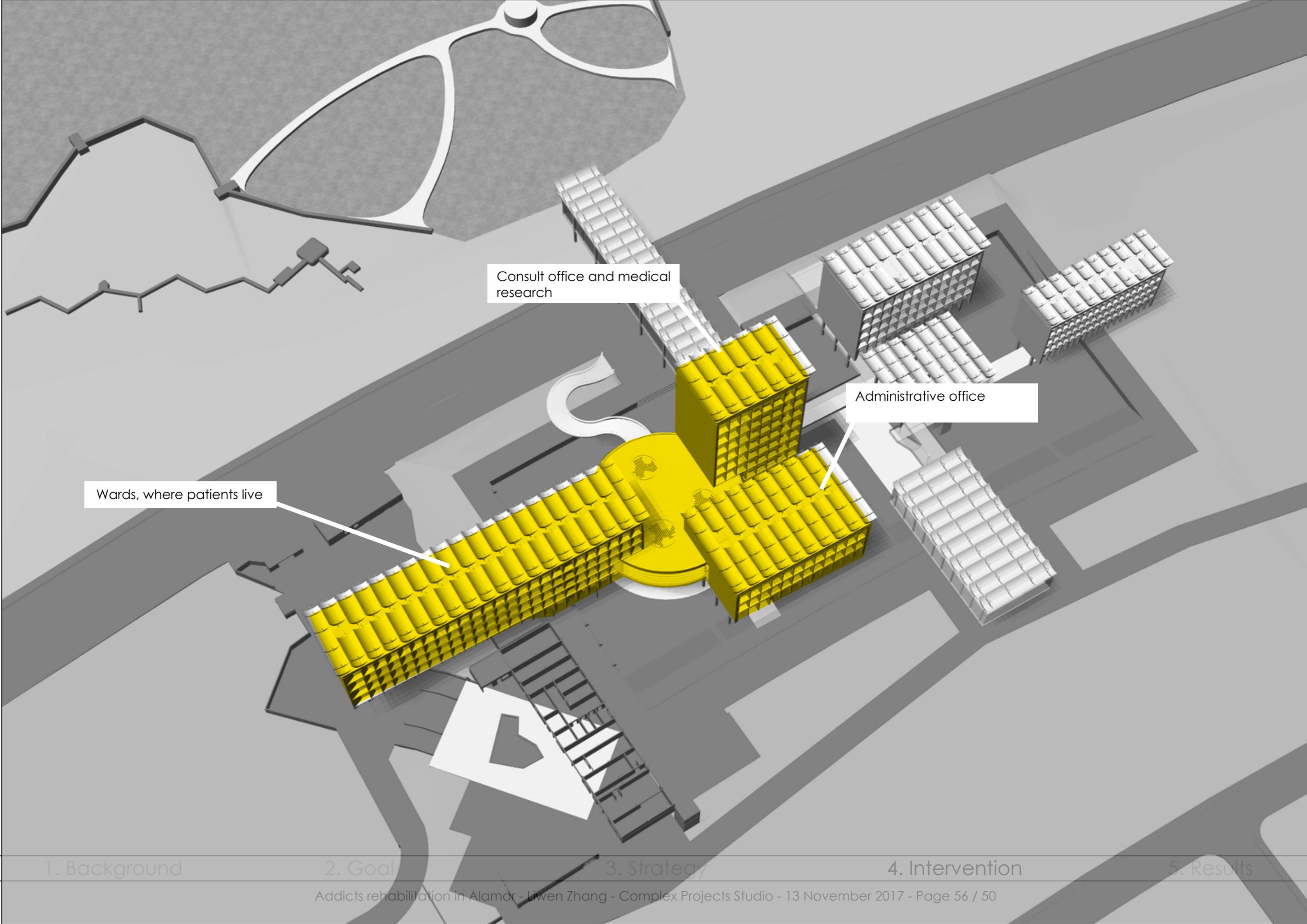
2. Goal

3. Strategy

4. Intervention

5. Results

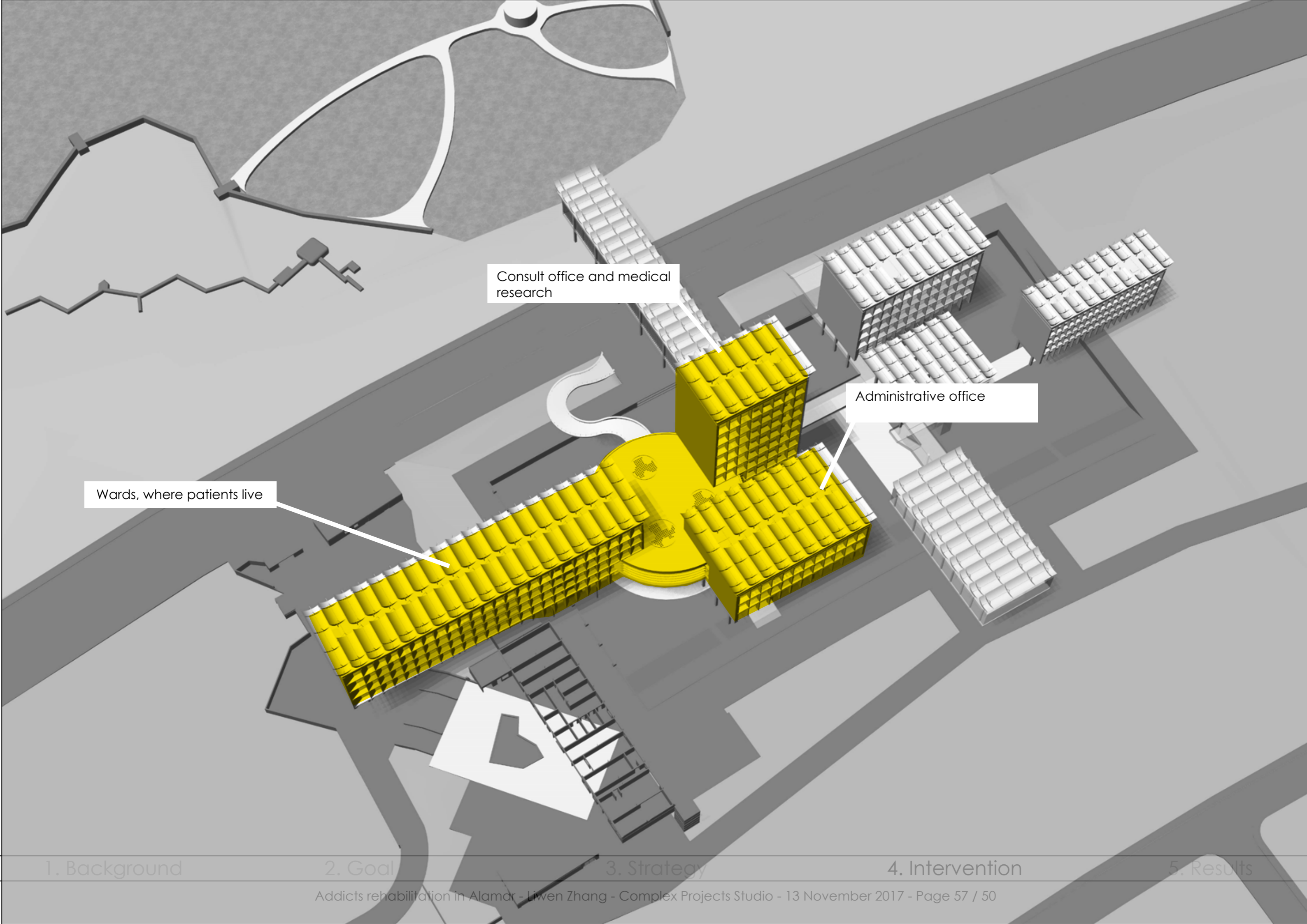




Consult office and medical research

Administrative office

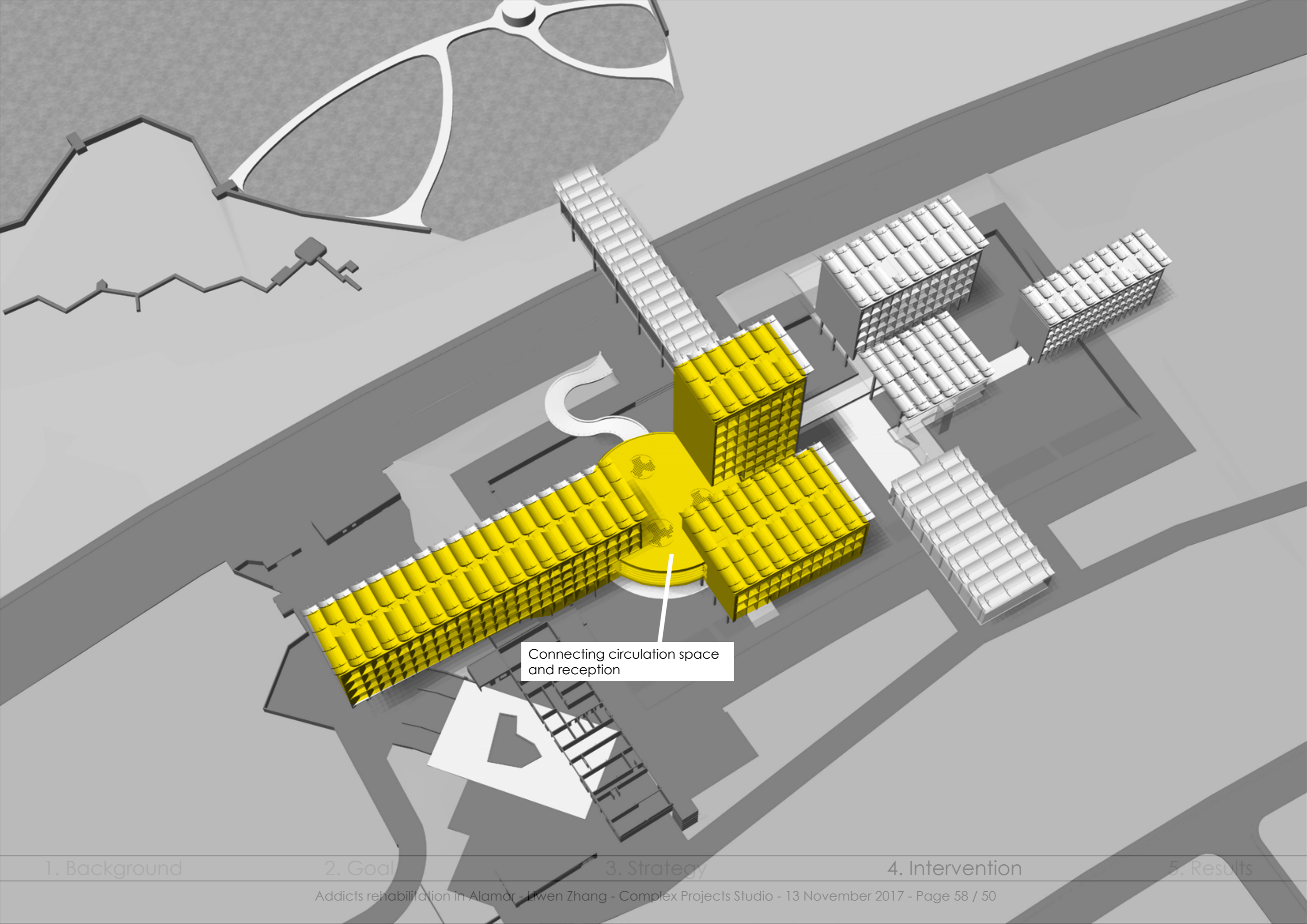
Wards, where patients live



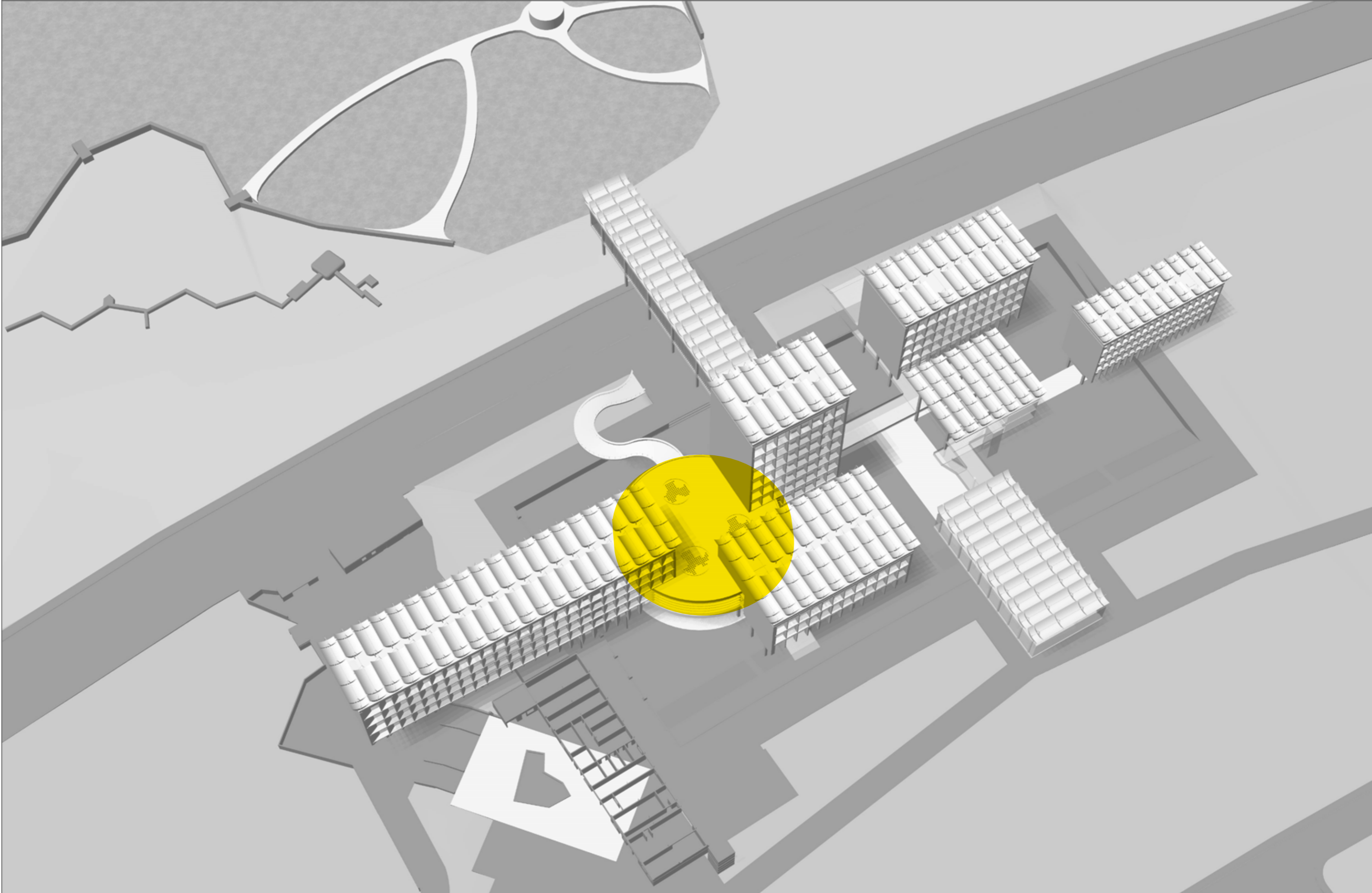
Consult office and medical research

Administrative office

Wards, where patients live



Connecting circulation space and reception



1. Background

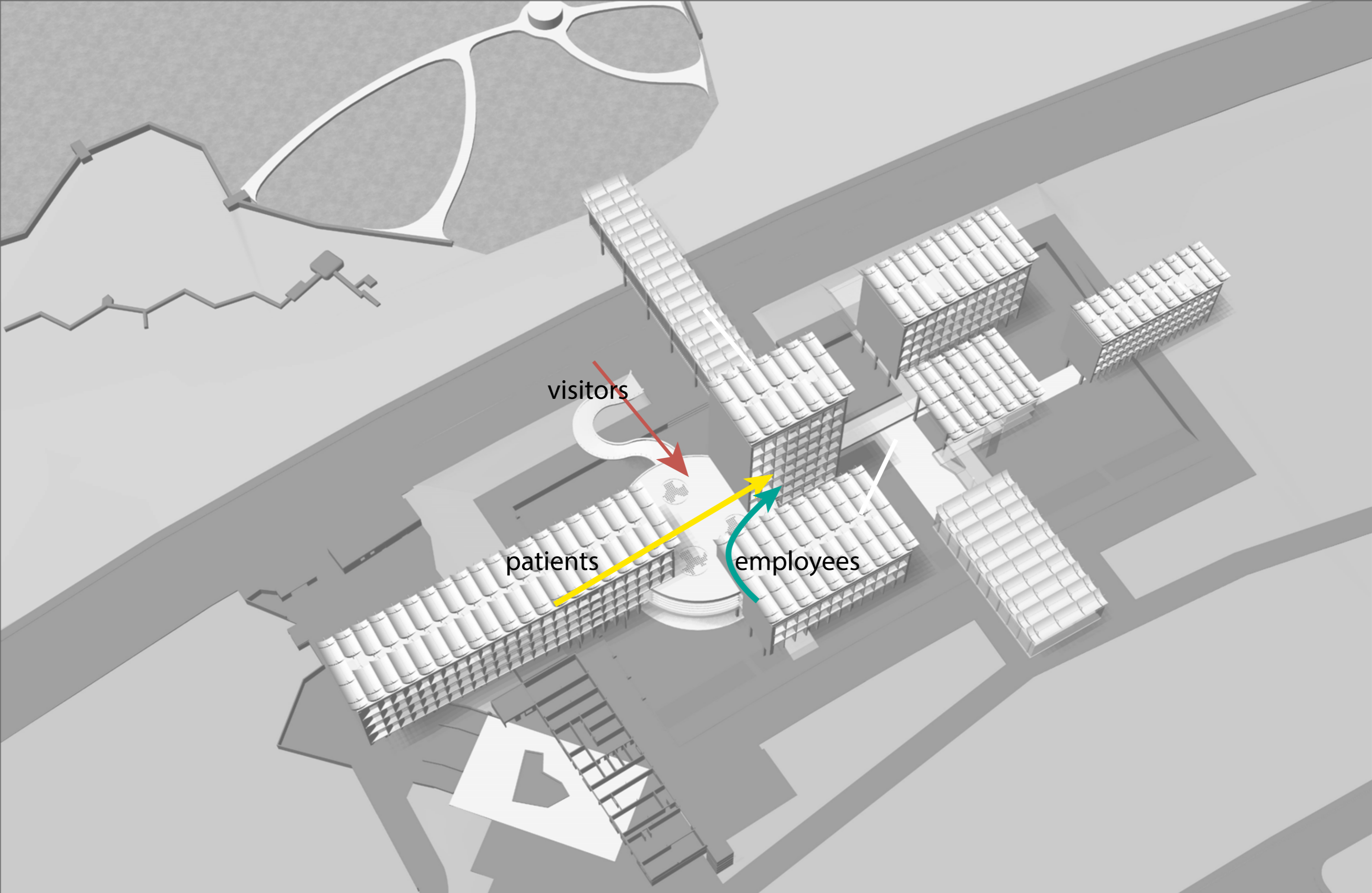
2. Goal

3. Strategy

4. Intervention

5. Results

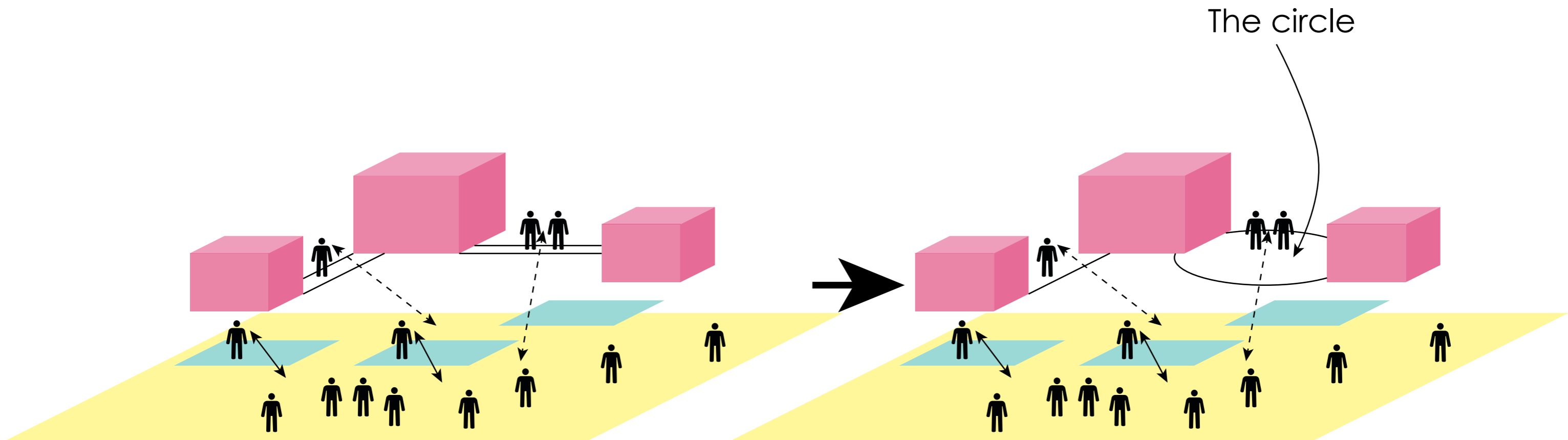




visitors

patients

employees



The circle should have open character resembling a circular plaza



1. Background

2. Goal

3. Strategy

4. Intervention

5. Results



1. Background

2. Goal

3. Strategy

4. Intervention

5. Results



1. Background

2. Goal

3. Strategy

4. Intervention

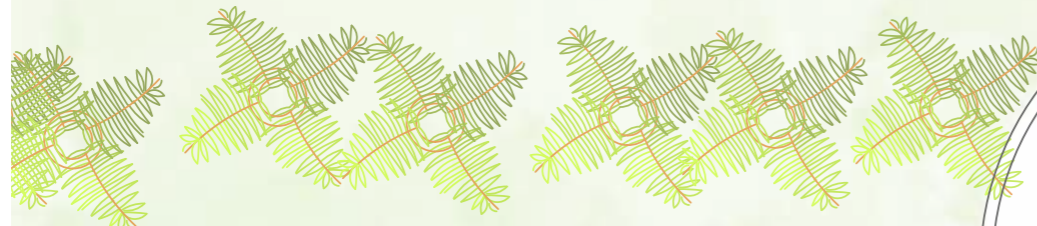
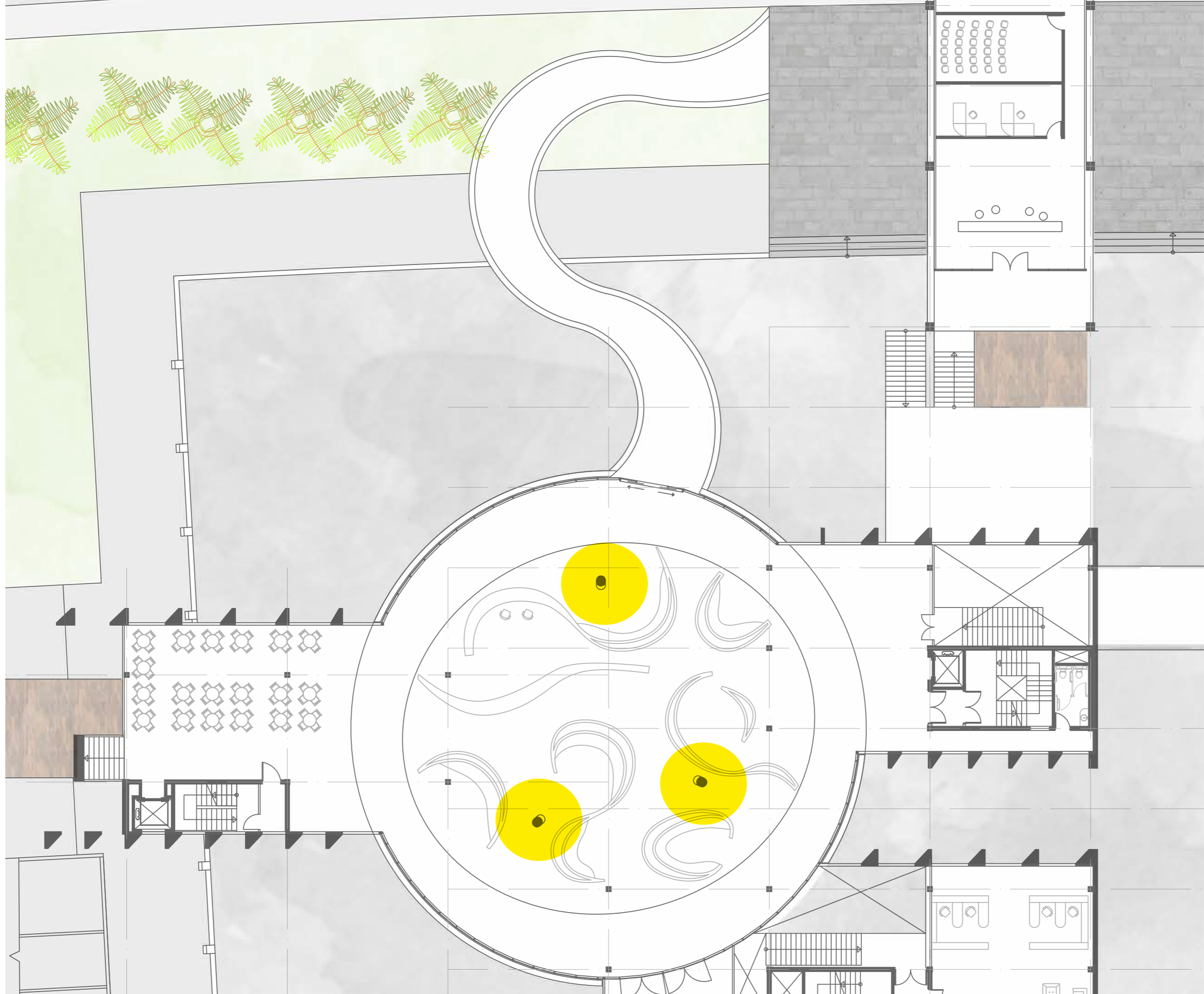
5. Results







too much attention for casual chats



1. Background

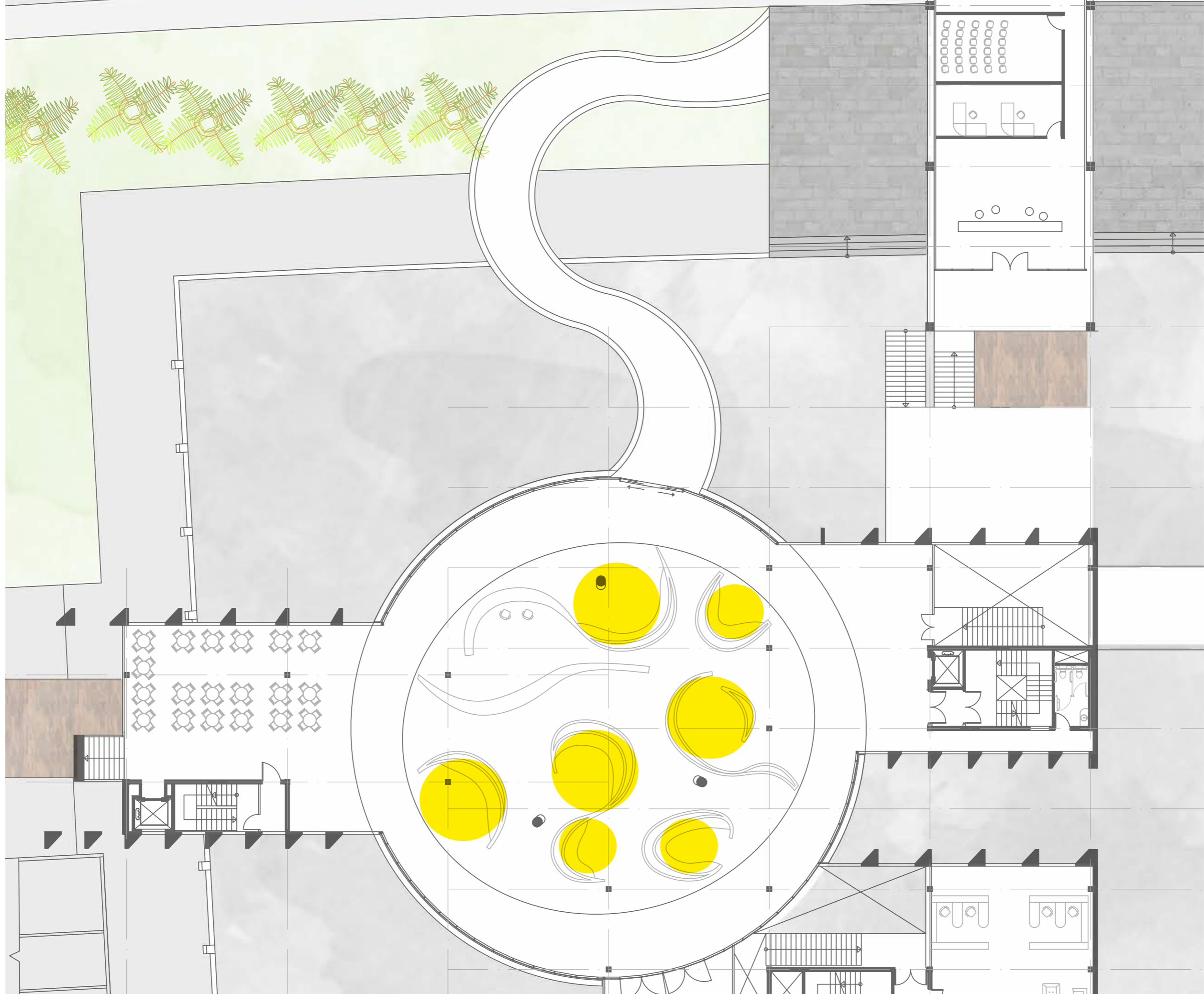
2. Goal

3. Strategy

4. Intervention

5. Results





1. Background

2. Goal

3. Strategy

4. Intervention

5. Results



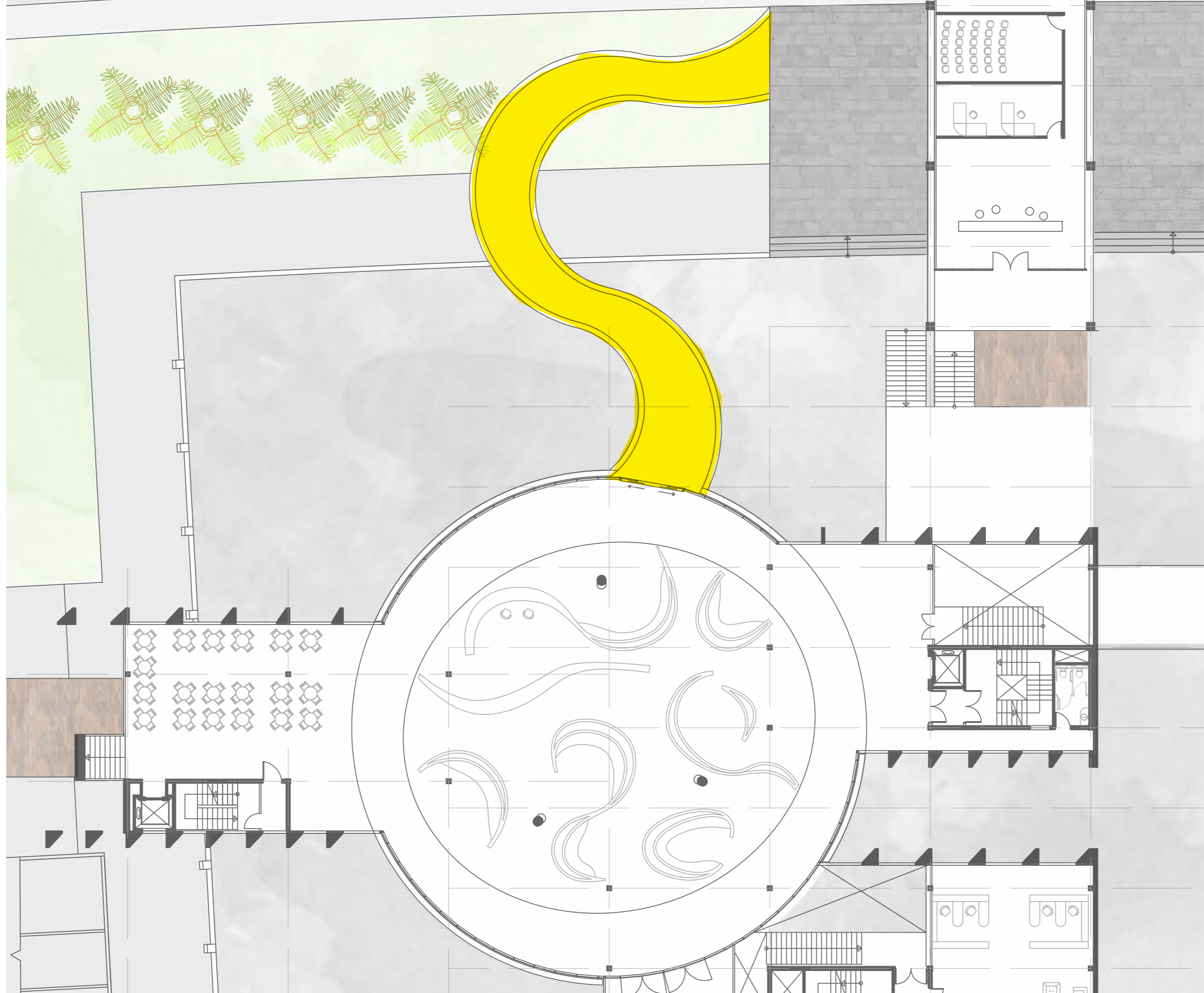
1. Background

2. Goal

3. Strategy

4. Intervention

5. Results



1. Background

2. Goal

3. Strategy

4. Intervention

5. Results



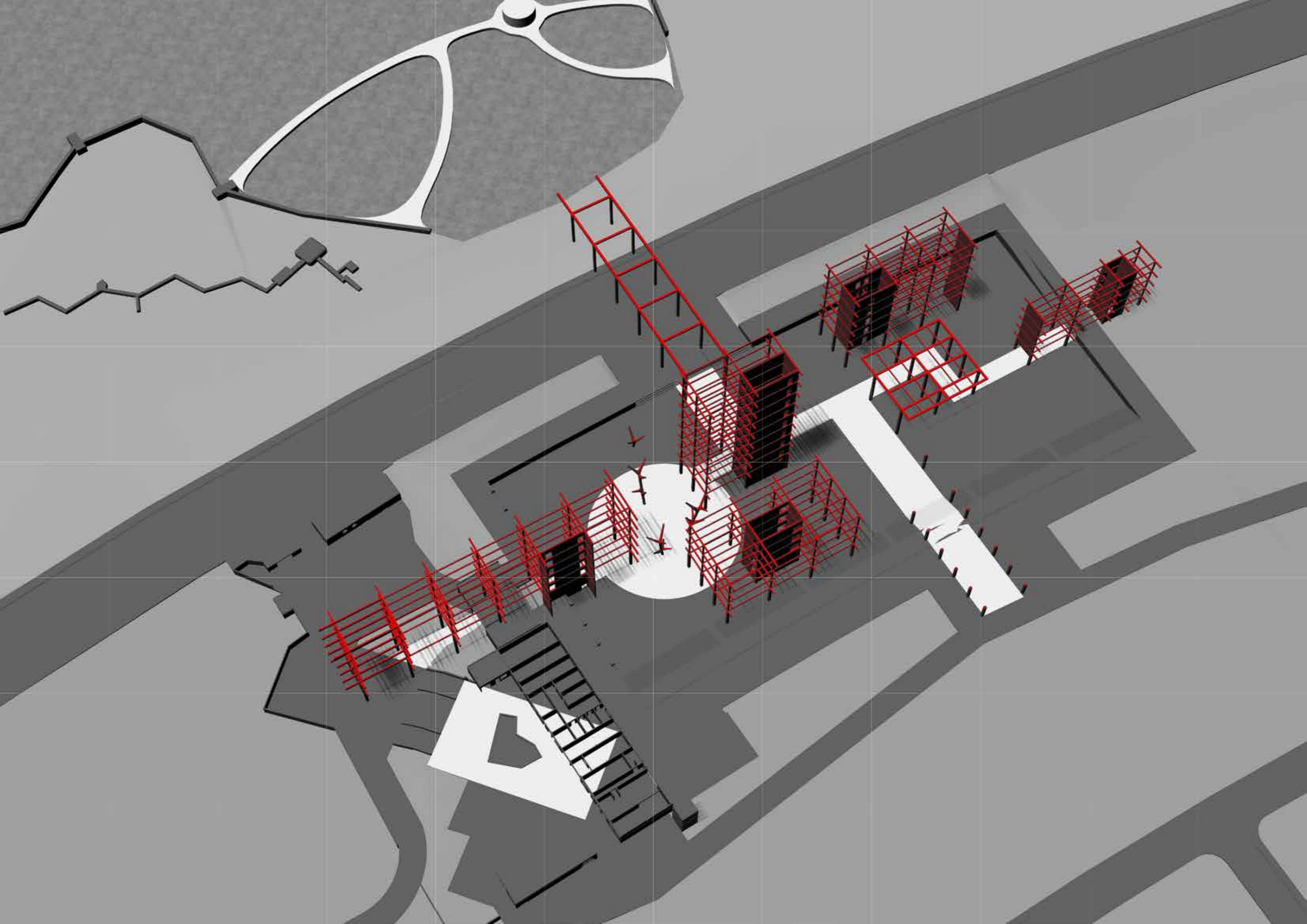
1. Background

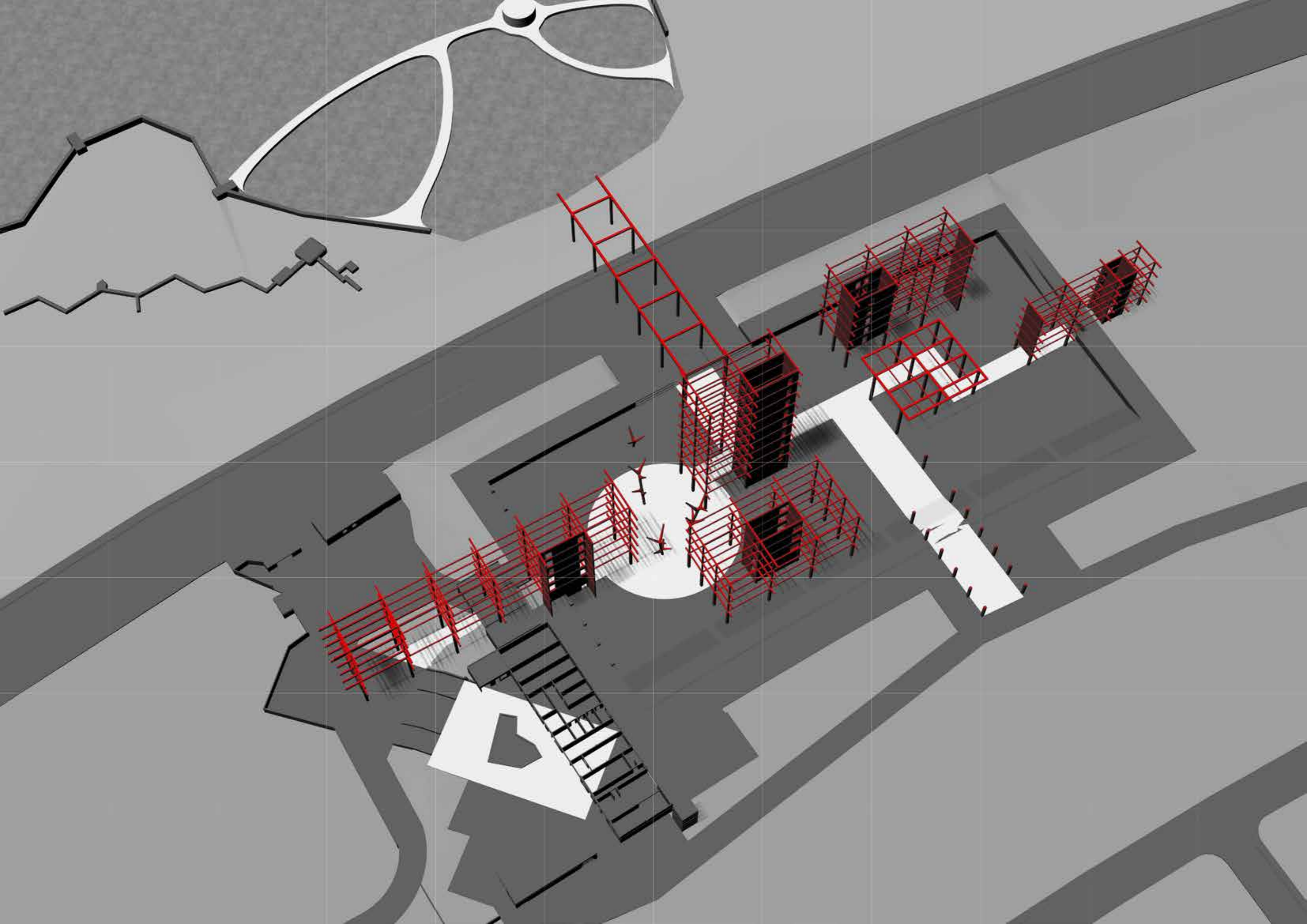
2. Goal

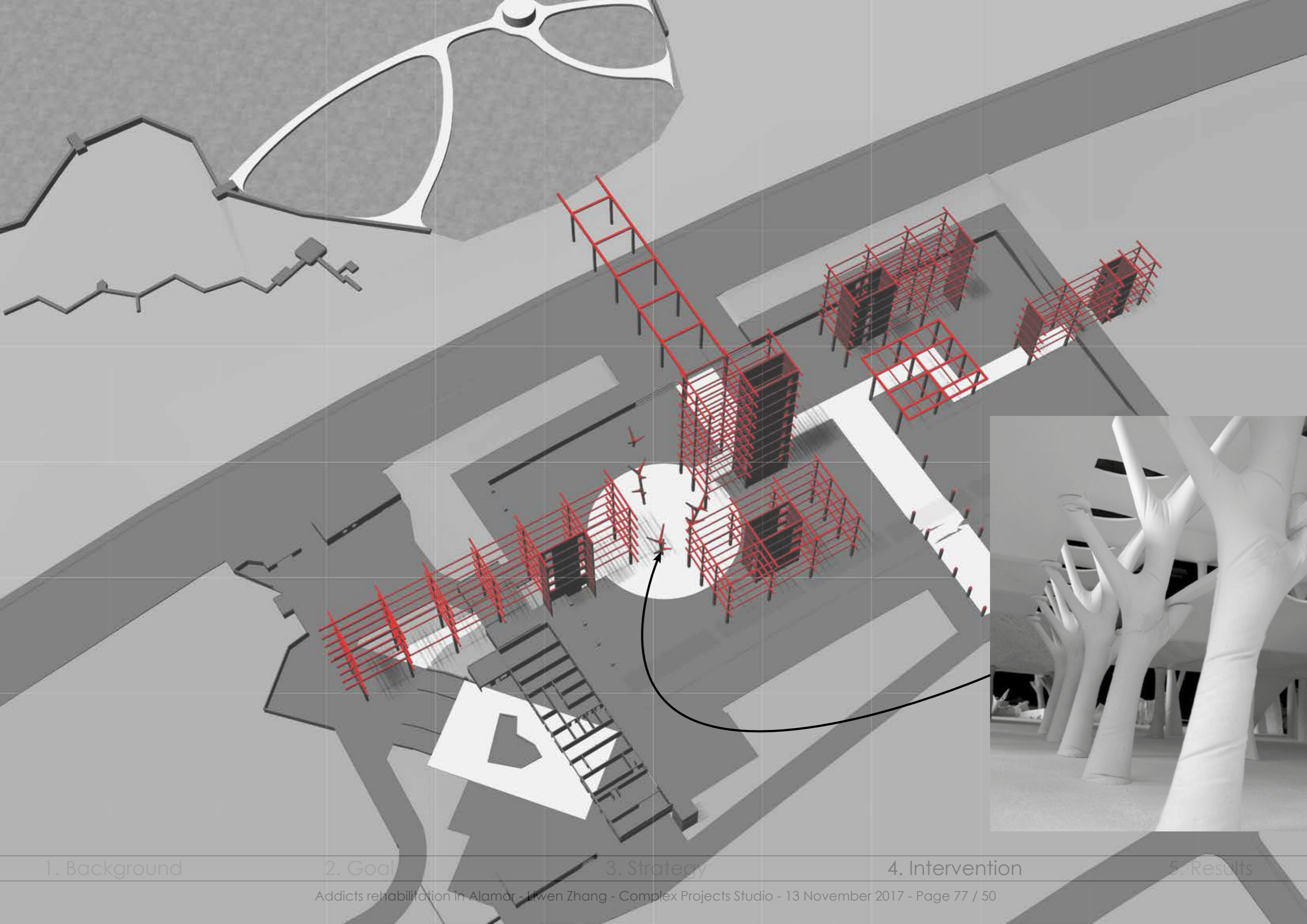
3. Strategy

4. Intervention

5. Results







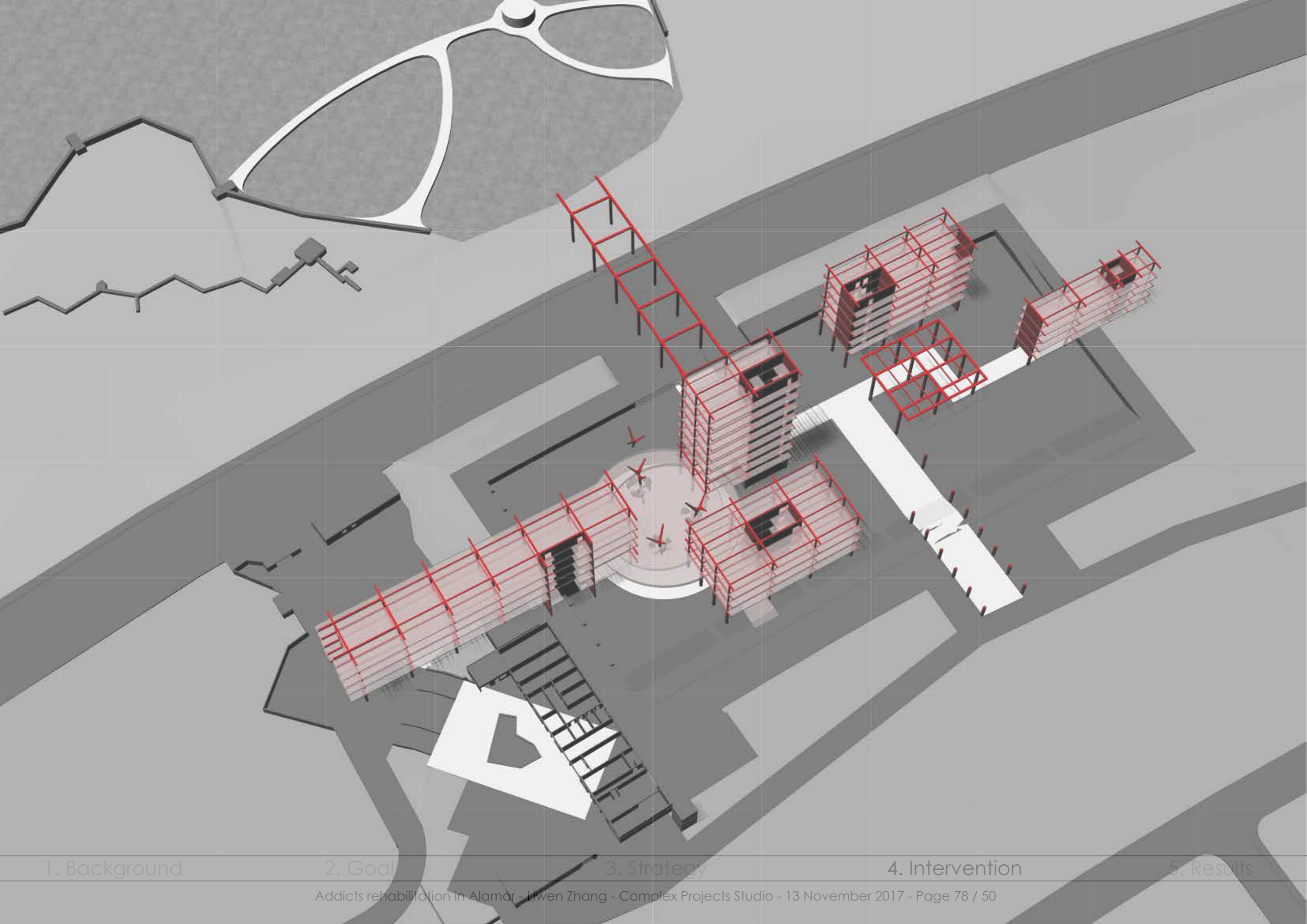
1. Background

2. Goal

3. Strategy

4. Intervention

5. Results



1. Background

2. Goal

3. Strategy

4. Intervention

5. Results

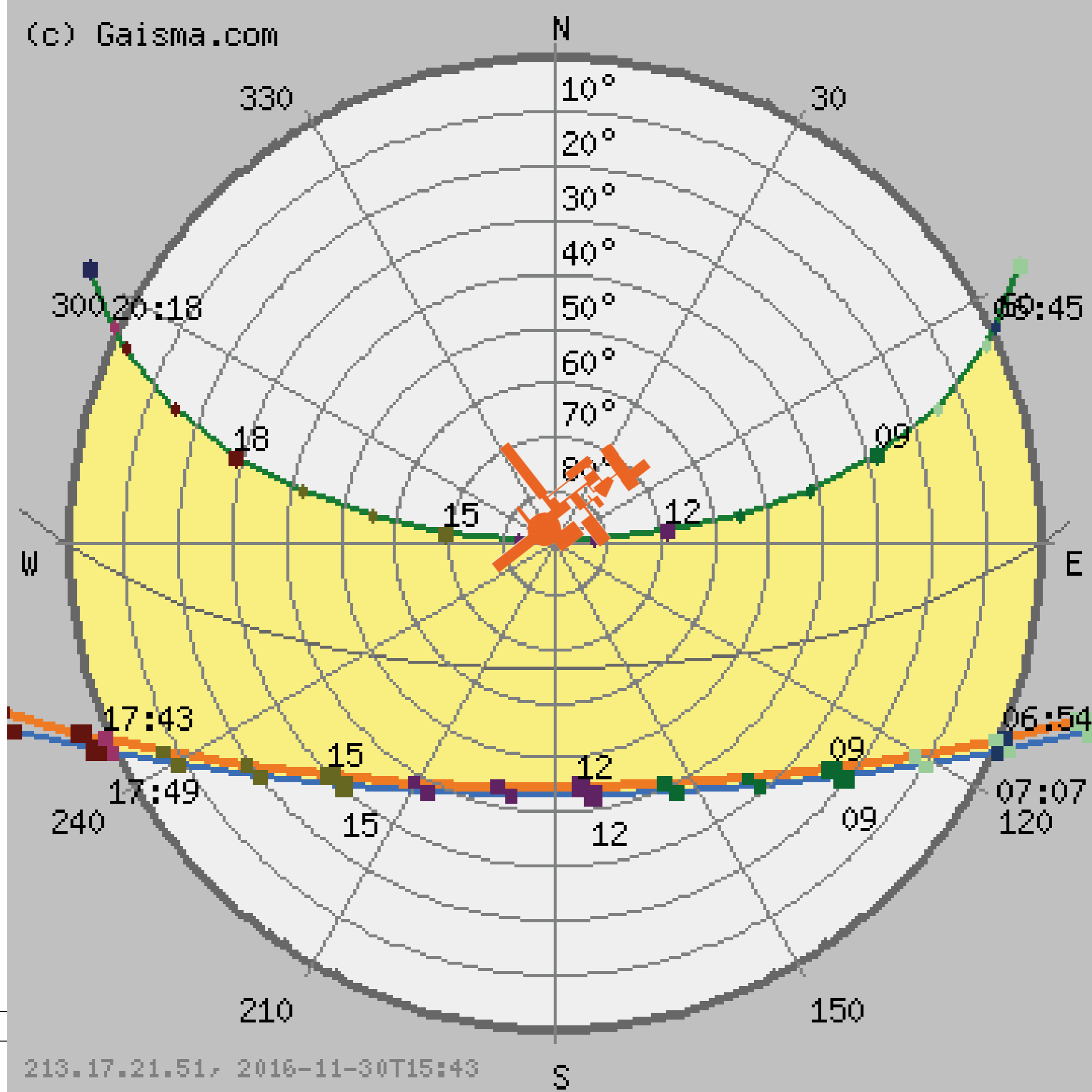




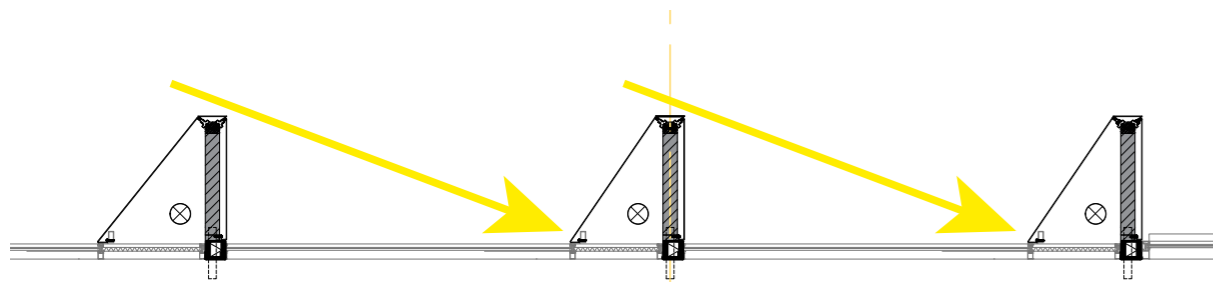
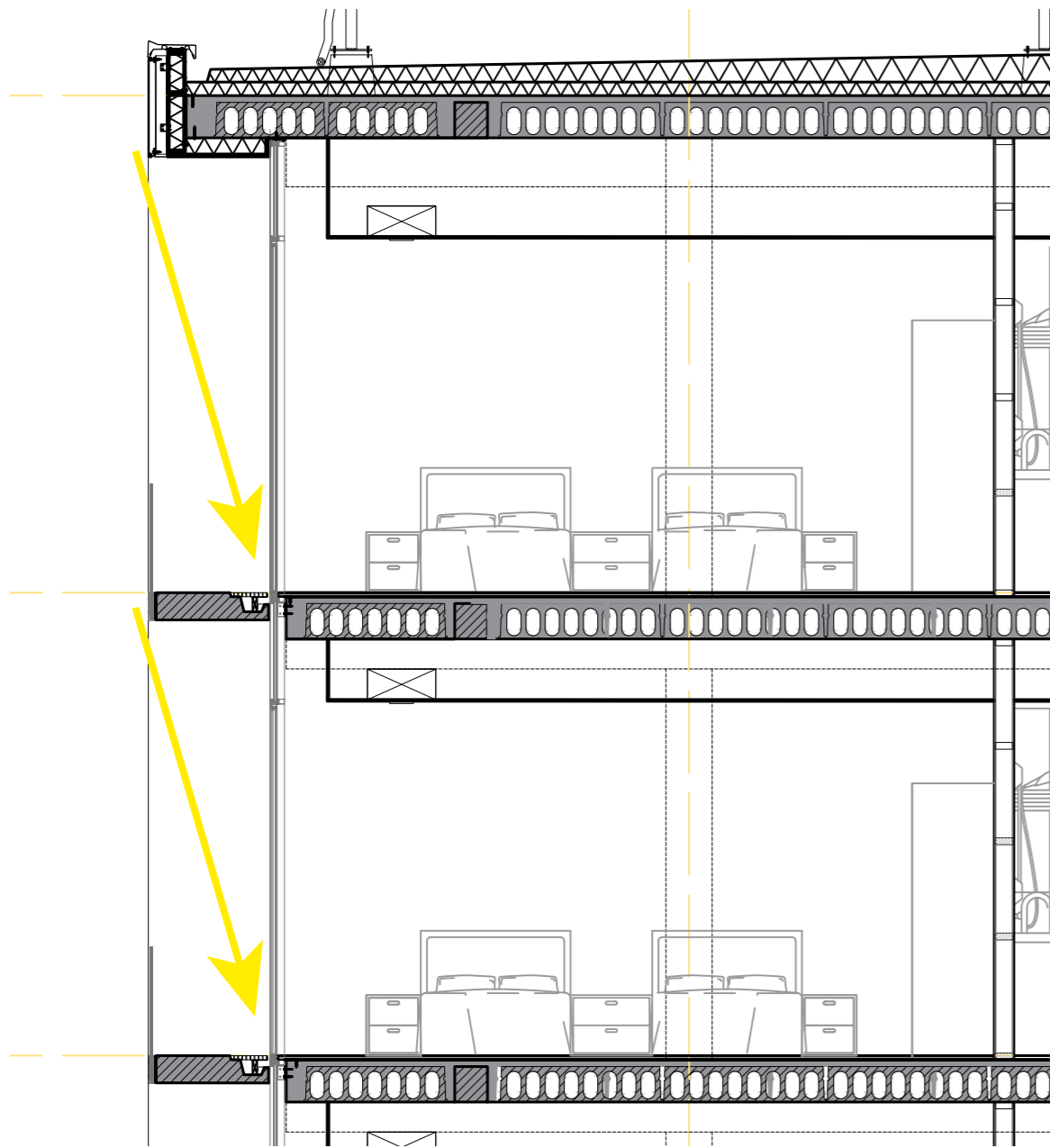
Avoid direct sun and need cooling

Climate data for Havana													[hide]
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Average high °C (°F)	25.8 (78.4)	26.1 (79)	27.6 (81.7)	28.6 (83.5)	29.8 (85.6)	30.5 (86.9)	31.3 (88.3)	31.6 (88.9)	31.0 (87.8)	29.2 (84.6)	27.7 (81.9)	26.5 (79.7)	28.8 (83.8)
Daily mean °C (°F)	22.2 (72)	22.4 (72.3)	23.7 (74.7)	24.8 (76.6)	26.1 (79)	27.0 (80.6)	27.6 (81.7)	27.9 (82.2)	27.4 (81.3)	26.1 (79)	24.5 (76.1)	23.0 (73.4)	25.2 (77.4)
Average low °C (°F)	18.6 (65.5)	18.6 (65.5)	19.7 (67.5)	20.9 (69.6)	22.4 (72.3)	23.4 (74.1)	23.8 (74.8)	24.1 (75.4)	23.8 (74.8)	23.0 (73.4)	21.3 (70.3)	19.5 (67.1)	21.6 (70.9)
Average rainfall mm (inches)	64.4 (2.535)	68.6 (2.701)	46.2 (1.819)	53.7 (2.114)	98.0 (3.858)	182.3 (7.177)	105.6 (4.157)	99.6 (3.921)	144.4 (5.685)	180.5 (7.106)	88.3 (3.476)	57.6 (2.268)	1,189.2 (46.817)
Average rainy days (≥ 1.0 mm)	5	5	3	3	6	10	7	9	10	11	6	5	80
Average relative humidity (%)	75	74	73	72	75	77	78	78	79	80	77	75	76.1

Source: World Meteorological Organisation (UN),^[26] Climate-Charts.com^[27]



both north-western facades and south-eastern facades needs horizontal and vertical sun shading



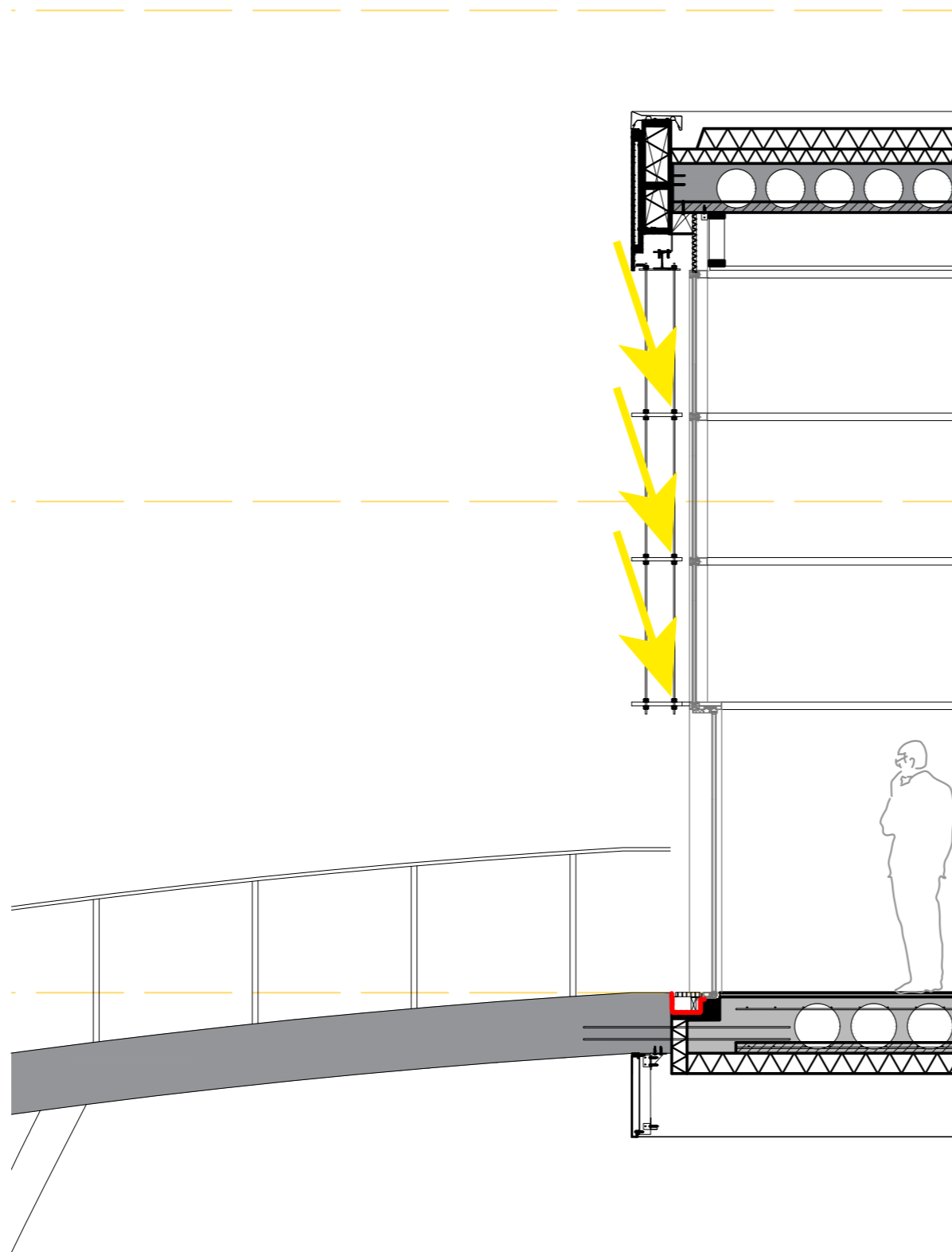
1. Background

2. Goal

3. Strategy

4. Intervention

5. Results



1. Background

2. Goal

3. Strategy

4. Intervention

5. Results

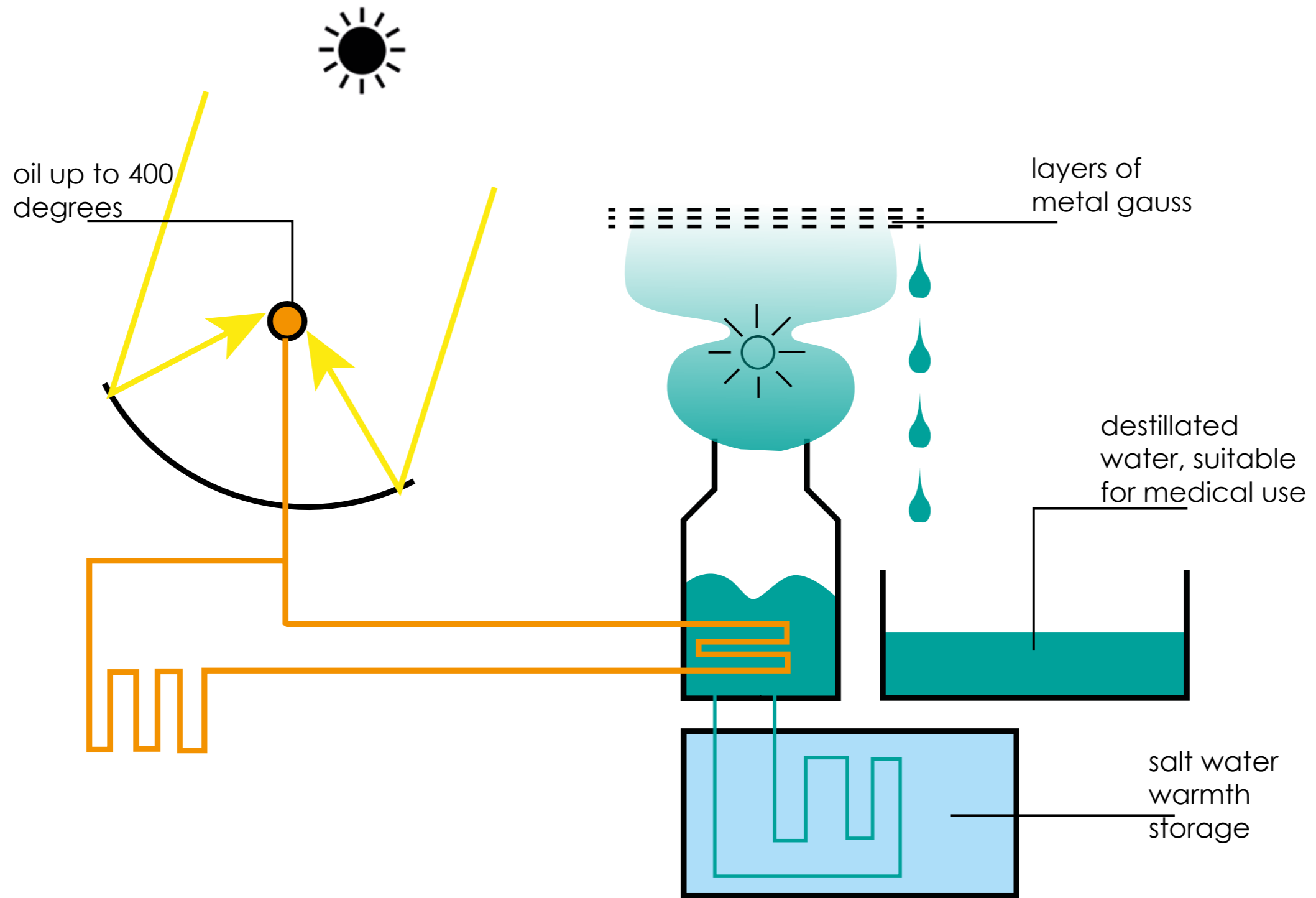
case study: Andasol

Location: Spain

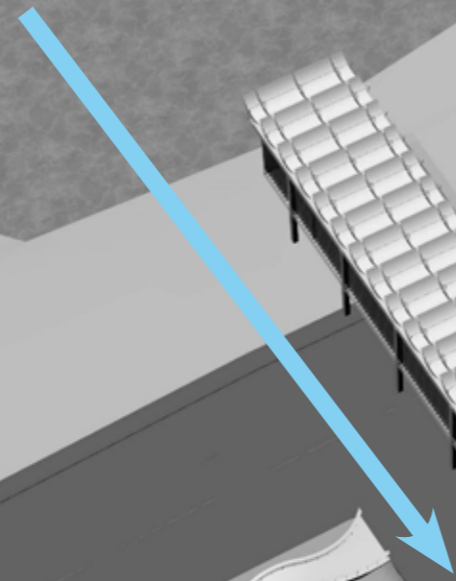
75 W / m² also at night and rainy days

Vaporation of water: 5L/kWh





use sea water



Use original storage of the swimming pool as warm water storage

power plant



With a total of 4725 m²
the power plant is able to sustain 174
air conditioning at the same time.
evaporate 1375L water/hour.

The average gross energy consumption
in Spain is 3110 kwh a person.
This building is able to sustain 760
people.

This building houses up to 76 patients,
45 employees and 56 guests.

There is still a lot energy left for the
neighborhood.

End.