

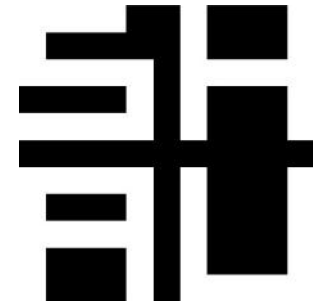
ILGBC Conference 2018

Tel Aviv
19th November 2018



Suryawinata
Heinzelmann
Architecture
Urbanism

**SHAU's aim:
To design attractive
buildings and cities which
are socially and
environmentally
responsible.**



Suryawinata
Heinzelmann
Architecture
Urbanism



Image source: Colorado School of Mines



SHAU – Locations



SHAU DE: Tobias Hofmann (**Studio Hofmann Architektur & Umgebung**)

SHAU NL & ID: Daliana Suryawinata & Florian Heinzelmann (**Suryawinata Heinzelmann Architecture & Urbanism**)



About SHAU: Partners and backgrounds



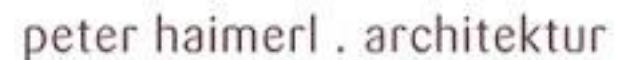
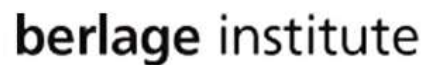
Dr Florian Heinzelmann Dipl Ing M Arch
Dutch certification (SBA)



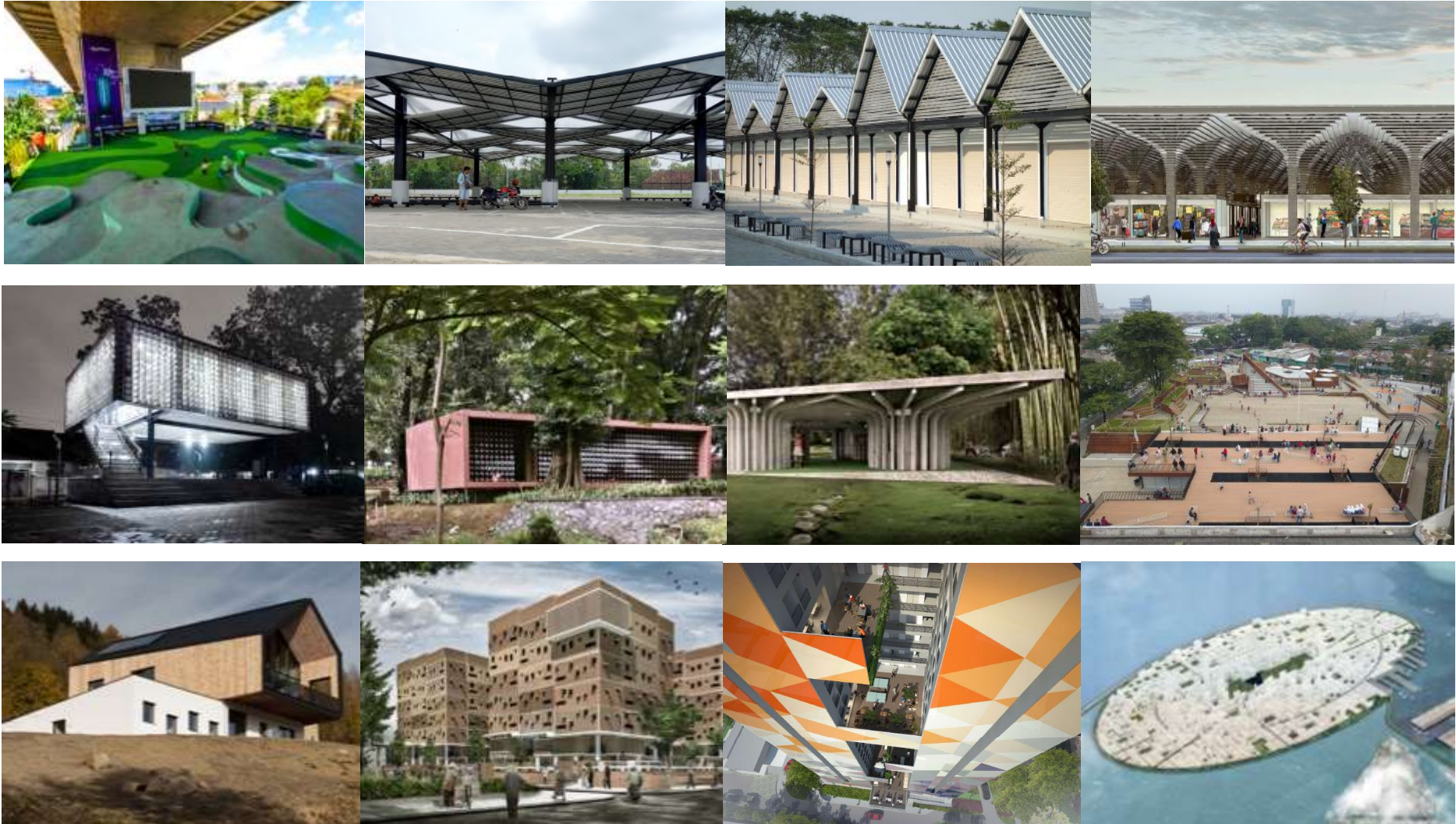
Daliana Suryawinata ST M Arch
Indonesian certification (IAI)

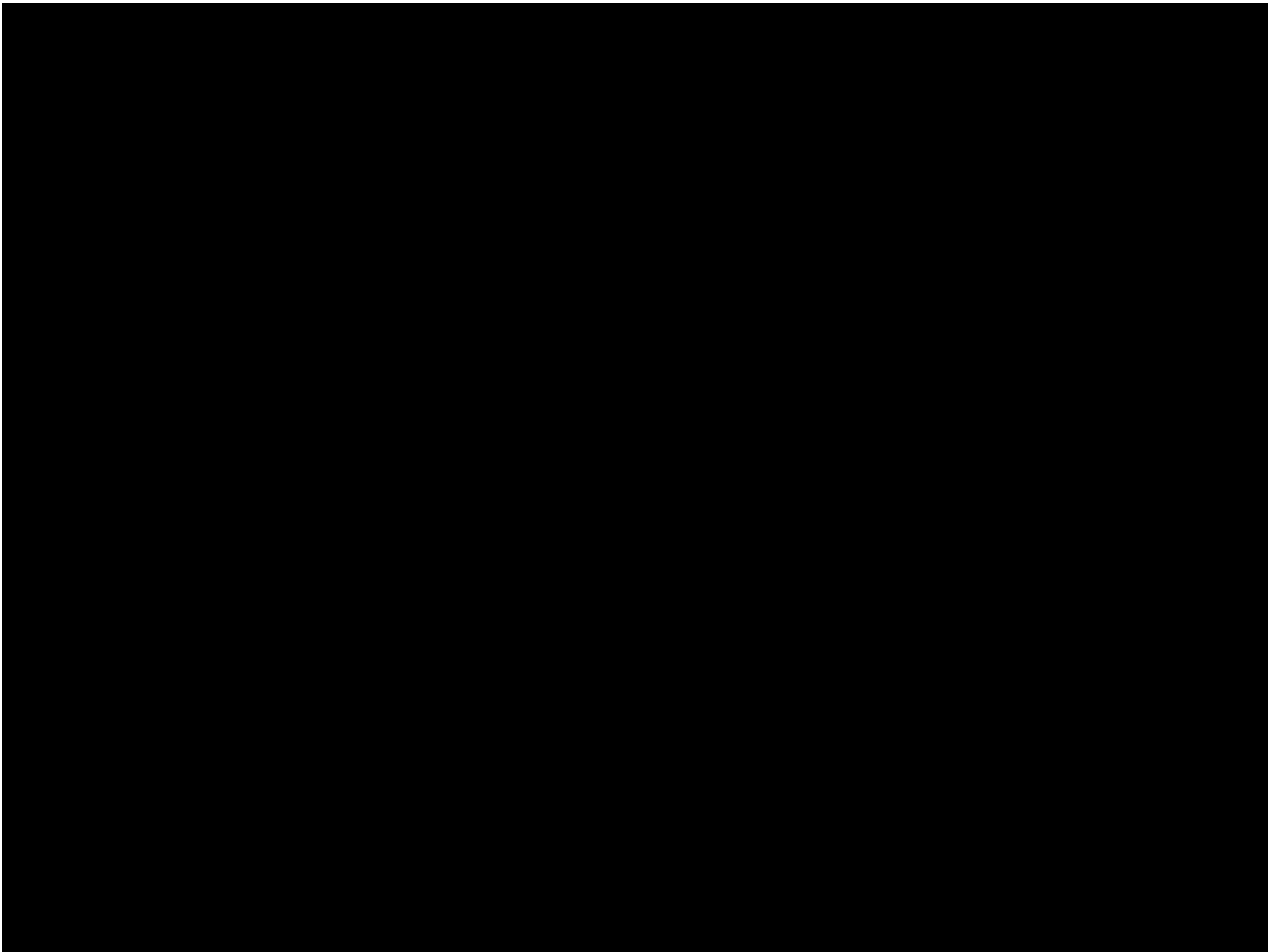


Tobias Hofmann Dipl Ing
German certification (byak)



About SHAU: Range of projects





MUARA ANGKE

THE FUTURE OF A FISHING VILLAGE



Meeting Jokowi 2012



Vision

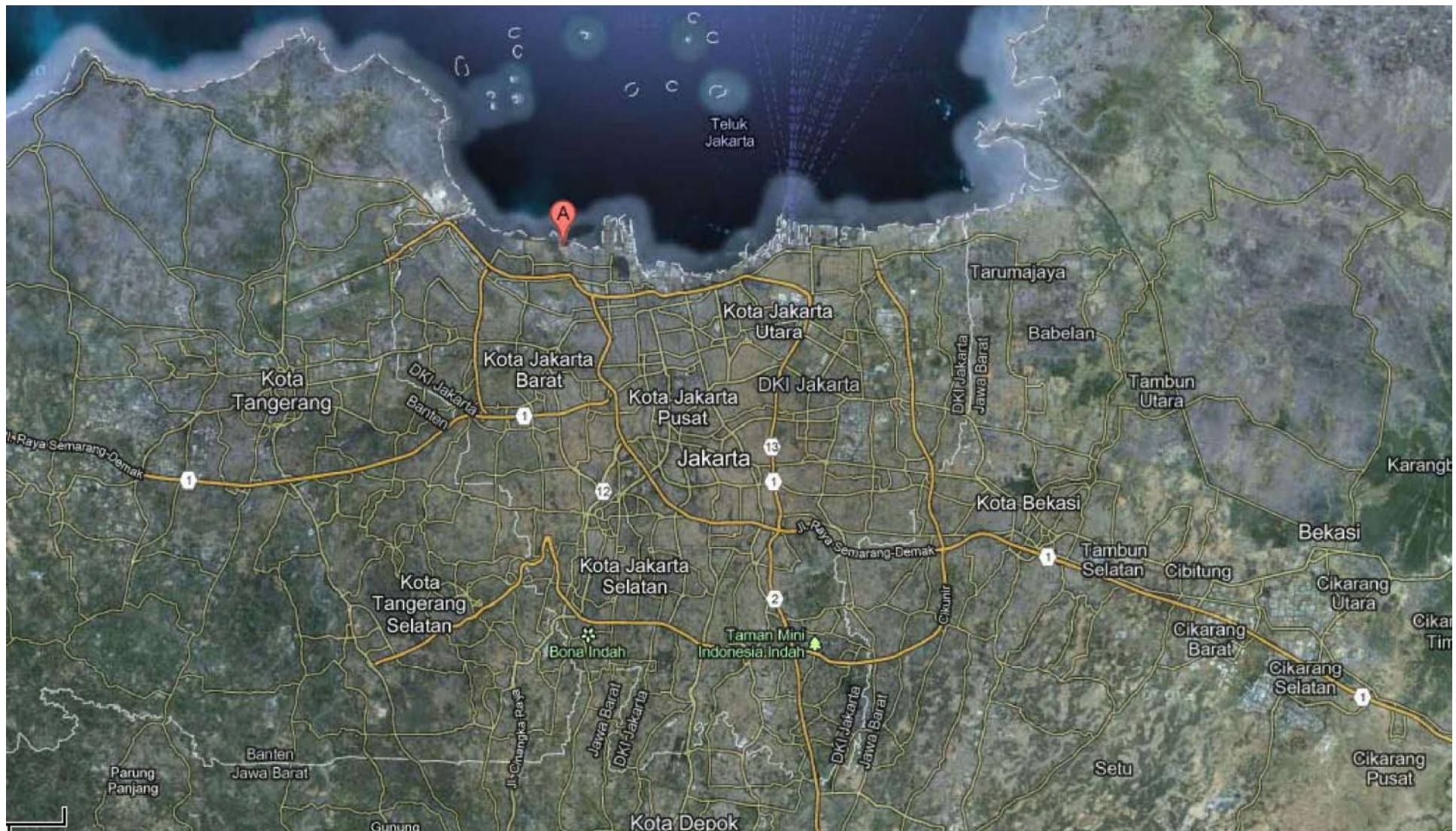


Reality

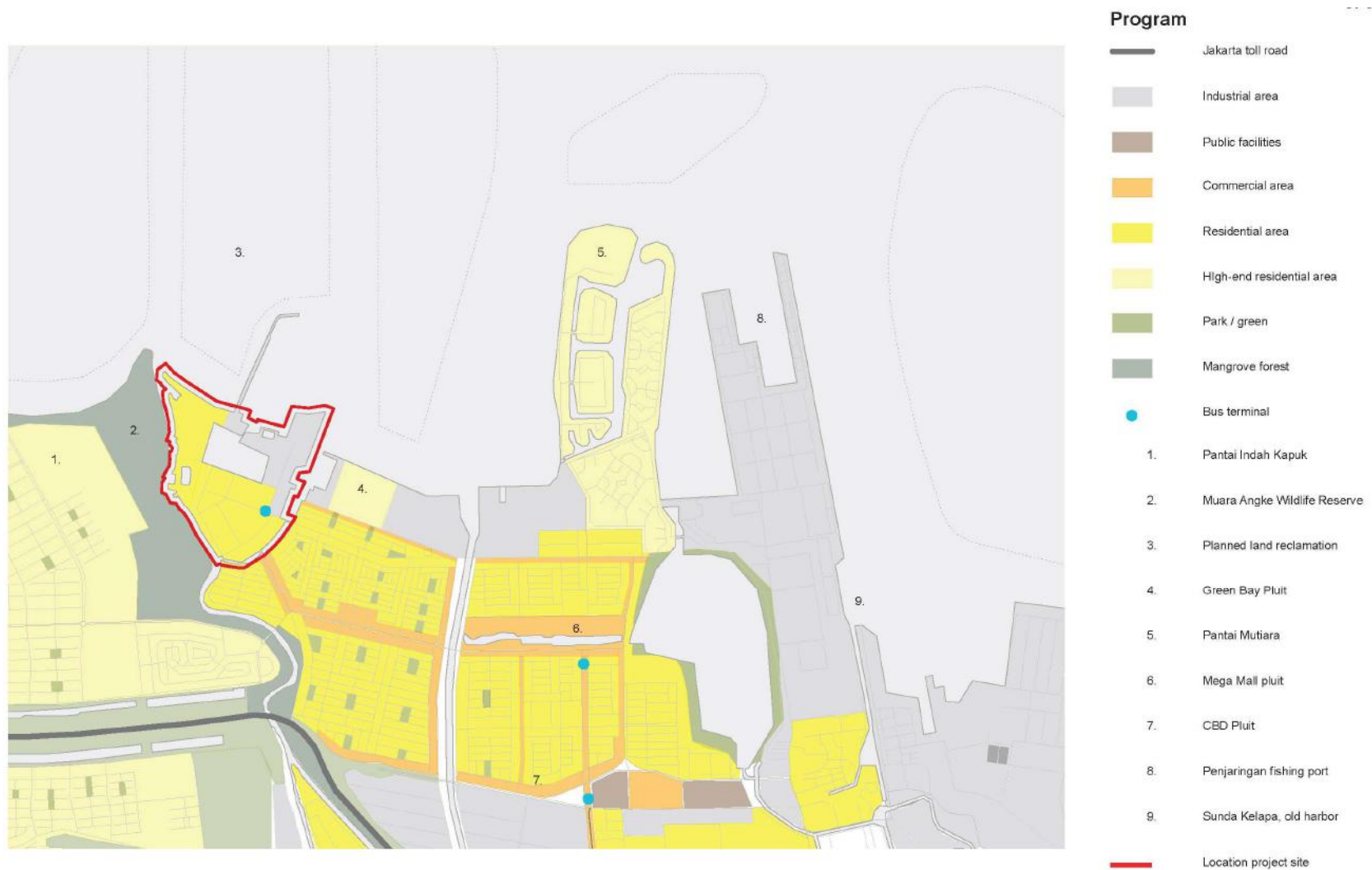


ILGBC Conference 2018 – Sustainable and affordable housing – 19th November 2018

Location: North Jakarta



Location: Muara Angke















MUARA ANGKE – 15 MEI 2013
Hundreds of fishermen demonstrating
against mass housing projects



SHEPHERD OF NATIONS — Restoring Jakarta's Heart & Land — ir. Pauline Boedianto MSc.Arch

Haji Apandi , Elder among fishermen: *“under whose authority are you speaking, I shook hands with many governors and politicians, and yet nothing changes. We're sick and tired of government's false promises !!! ”*



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Angry Fishermen mobilized to threat
government official & burn the building
of Fishery and Maritime Department

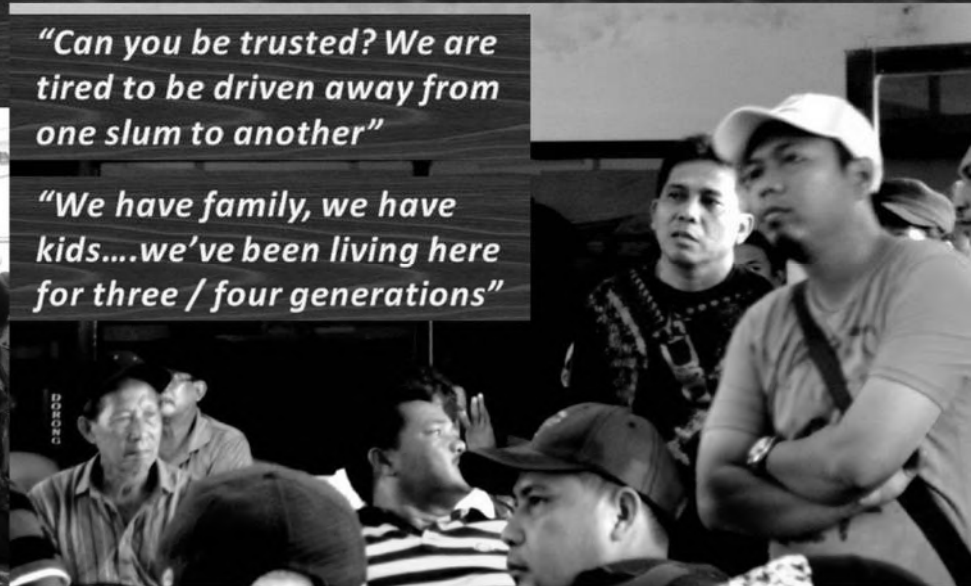


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“Under whose authority are you speaking? Who hired you? Which developer paid you to evict us again?”

“Can you be trusted? We are tired to be driven away from one slum to another”

“We have family, we have kids....we've been living here for three / four generations”



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Indonesia Nautical Paradise



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A father, mourning the death of his daughter due to viral infection...The sheer pain of living in a HOUSE to die for, a HOME worth fighting for?



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**This is my childhood...
Do you think I have
a FUTURE?**

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Fishermen's wife: "we're tired of relocation & eviction. The cleared land were never intended for our resettlement, but for luxurious apartments for the rich"



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" A House of stone can't satisfy the people's need. SHAU architects give all their effort to design holistic SHELTER, Refreshing HOME for the fishermen and their families. Not just Mass-Housing, but I.K.A.N.M.A.S., Integrated 'Kampung' for Fishermen of Prosperous Muara Angke "



SHEPHERD OF NATIONS — Restoring Jakarta's Heart & Land — ir. Pauline Boedianto MSc.Arch

Further negotiation at the mosque's terrace with Hajj.Margono, who was forced to lead the fishermen's resistance under threat of a gun !



SHEPHERD OF NATIONS — Restoring Jakarta's Heart & Land — ir. Pauline Boedianto MSc.Arch

22 MEI 2013 – Negotiation with the Chairman of Fishermen's Alliance , Hajj. Warnita who said to me :
"Had you been involved earlier ma'am, you could have calmed the whole situation. Because you spoke Divine Healing Words that the poor people can understand..., I give you permission to meet them "



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Fish-drybeds were a significant metaphor that makes the fishermen understand the necessity of "providing empty space" as part of relocation and re-settlement process



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Location: Muara Angke



- Residential area (legal)
- Residential area (illegal)
- Traditional fish drying area (legal)

40,030 people

Current (2013) population

*estimation, to be verified; source: interview with Pak Iwan/
Kepala Unit Pelaksana Teknis Perikanan Muara Angke

2008 total population: 43,927 people
(source: IPB 2010)

2030 total population: 52,000 people = +/-
14,800 units (based on growth rate= 0.64%
per year, source: Proyeksi Penduduk 2000-
2025)

**MIDDLE
INCOME
29,5%**

2800 kk (10,000 people)

spread into 3 RW: RW
01, 011, 020 and floating
population.

1750 kk in registered units
1050 kk floating population

**LOW
INCOME
70,5%**

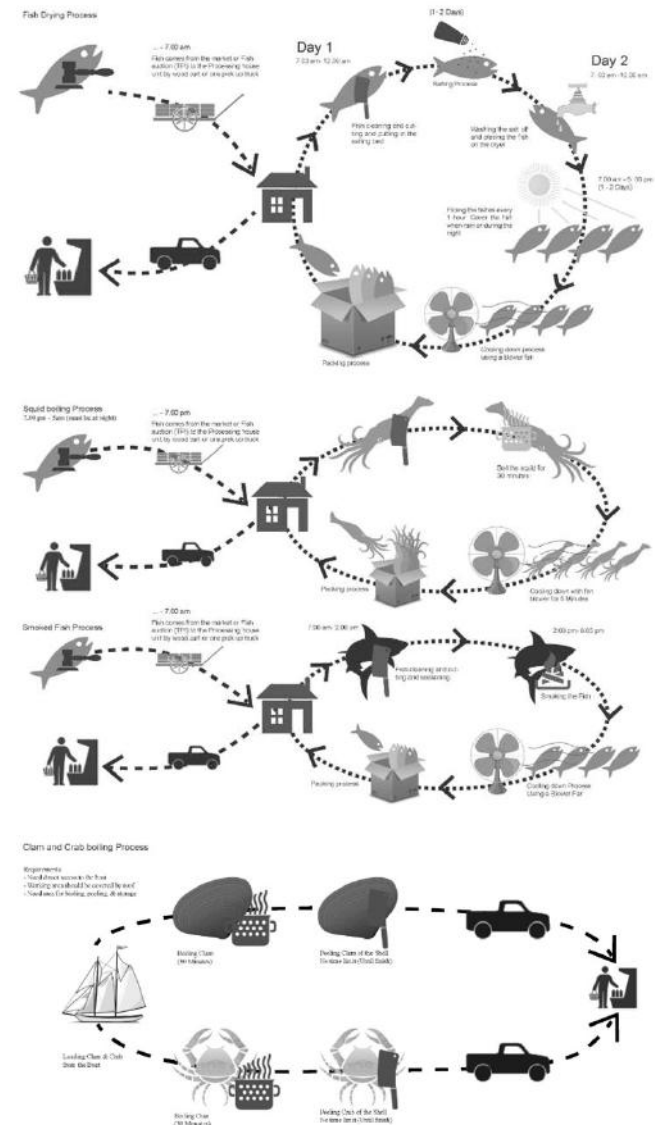
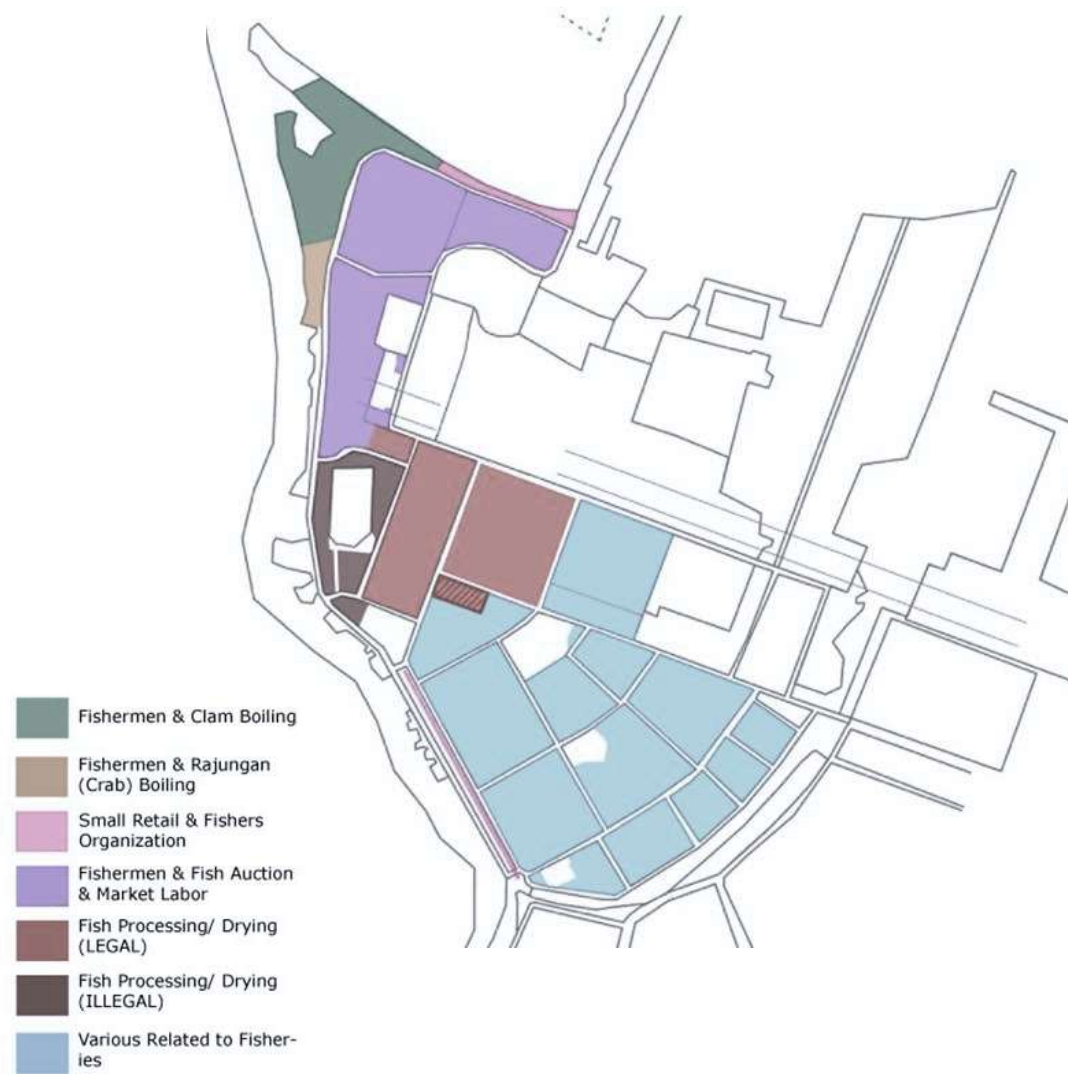
8580 kk (30,030 people)

1. Ambalat: 600kk
2. Daerah tengah, between the
marketplace and SMPN: 2800 kk
3. PHPT blok kumuh empang, by
the river side of kali Angke: 2800 kk
4. Kampung Baru: 680 kk
5. the rest estimated at: 1700kk

2364 kk site of residence known
6216 kk floating floating population



Fishing Industry



Interviews

Fish drying & processing manager



Sundari, 45, married
education : elementary school grade 3



H. Hadin, 58, married
education : fishery short course



H. Suwito, 50, married
education : high school
As long as **their bussiness keep running**, its fine. Currently they are satisfied with the condition. The current location is strategic.

Activities :
07:00-08:00 wake up
08:00-18:00 processing fish, managing
18:00- ... free time

Fish drying & processing worker



Masomen, 27, single
education : high school grade 2

- working as drying fish employee (his employer is his own uncle)
- income Rp 500,000/month
- living in rental house at drying fish area (free)
- he lives in groundfloor, his employers family live in first floor.
- he feels fine with the smell of fishdrying
- every employer provide a **free place to sleep** on the groundfloor.

Activities :
05:00-06:00 wake up
08:00-12:00 making 'otak-otak'
12:00- ... waiting for buyer
15:00- ... sometimes delivering fish with rental car
17:00- ... **free time, playing playstation** (playstation rental is quite famous here)

PPHT slum inhabitant



Mariyah, 37, married
education : elementary school grade 3 from : Indramayu,

- fish gleaner on the road
- income Rp 30,000/month
- she lives in a house with 3 children
- there is **no playground to play** for her children
- she said the **clinic is so helpful**
- she wants a **clean house, medium size, safe**
- she wants her youngest child to **study in a playgroup.**

Fisherman



Kusno, 53, married
education : elementary school from : Indramayu

- his wife living at Buddha Tzu Chi housing
- income Rp 450,000/month
- prefers to sleep in a boat or at the employer's

Activities :
03:00-04:00 sailing
2-3 days away
back to his village
every two months

Others



Mariam, 43, married & Kasmirah, 50, married
housewives
education : elementary school from : Sulawesi, Indramayu

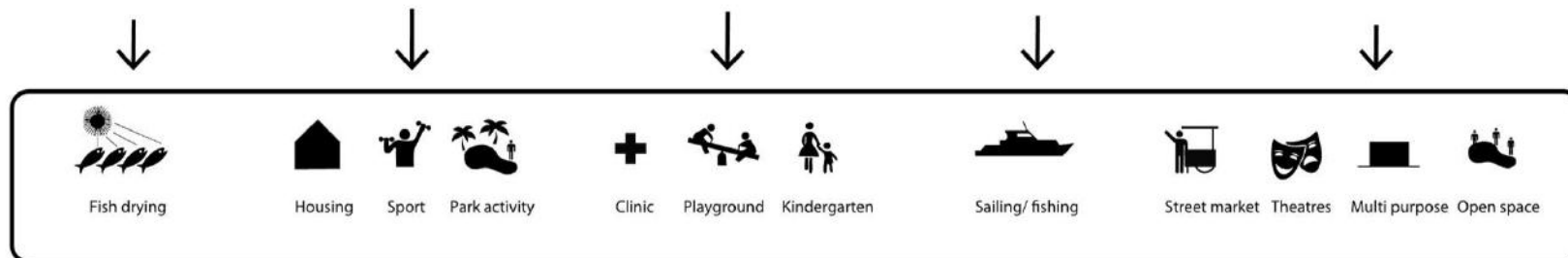
- they live in Buddha Tzu Chi housing
- income Rp 450,000/month
- they want to have **outdoor theater/ amusement**
- housewives like to **chat with friends**
- they think that the location is strategic.



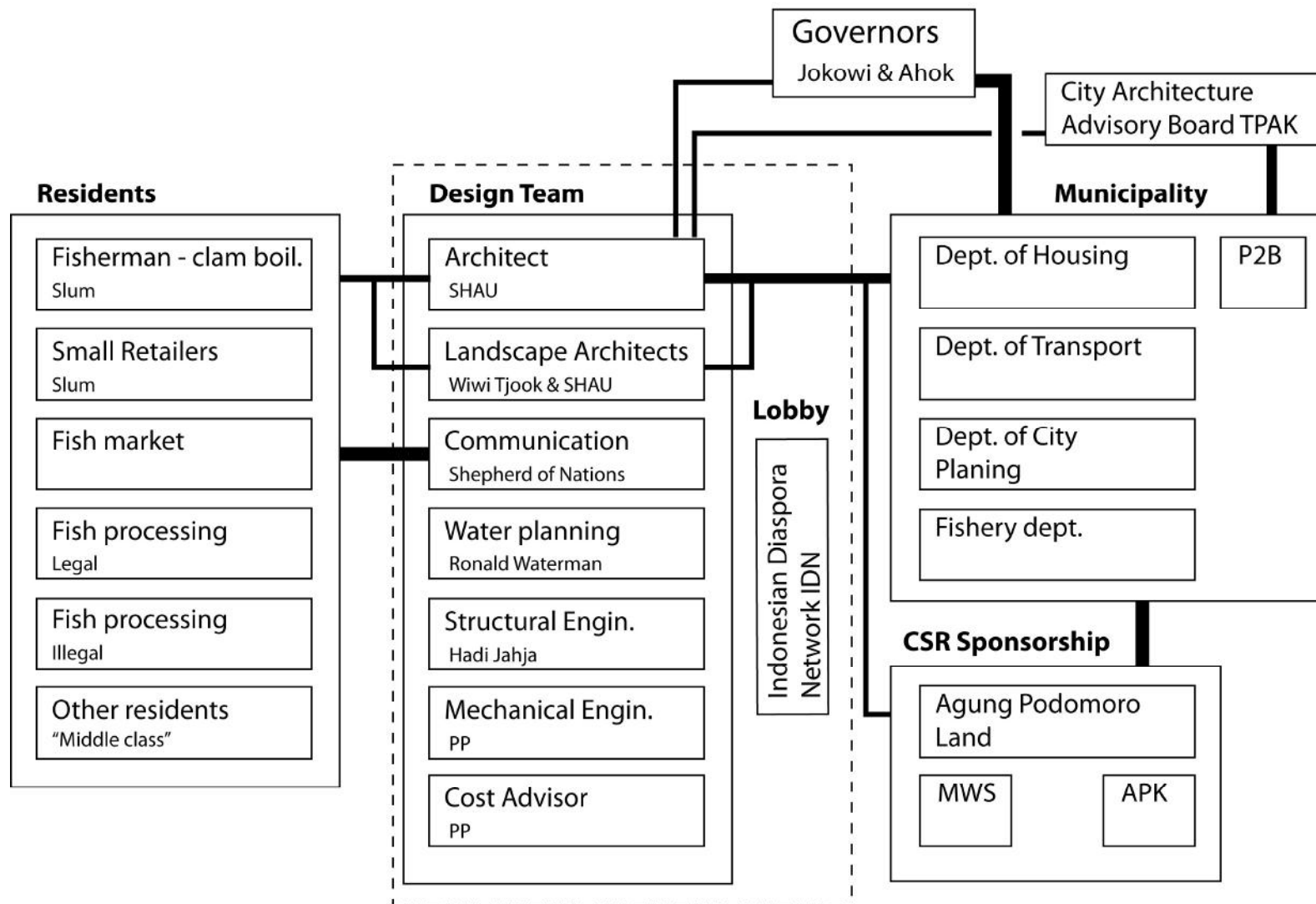
Wardri, 54, married
street vendor
education : elementary school from : Brebes

- working as **street vendor, selling food**
- he has a house, without bathroom
- rent fee Rp.90,000/mth
- he wants a clean house, with bathroom, safe
- he wants a playground for his child to play

Activities :
03:00-04:00 wake up and cooking
06:00-14:00 selling food

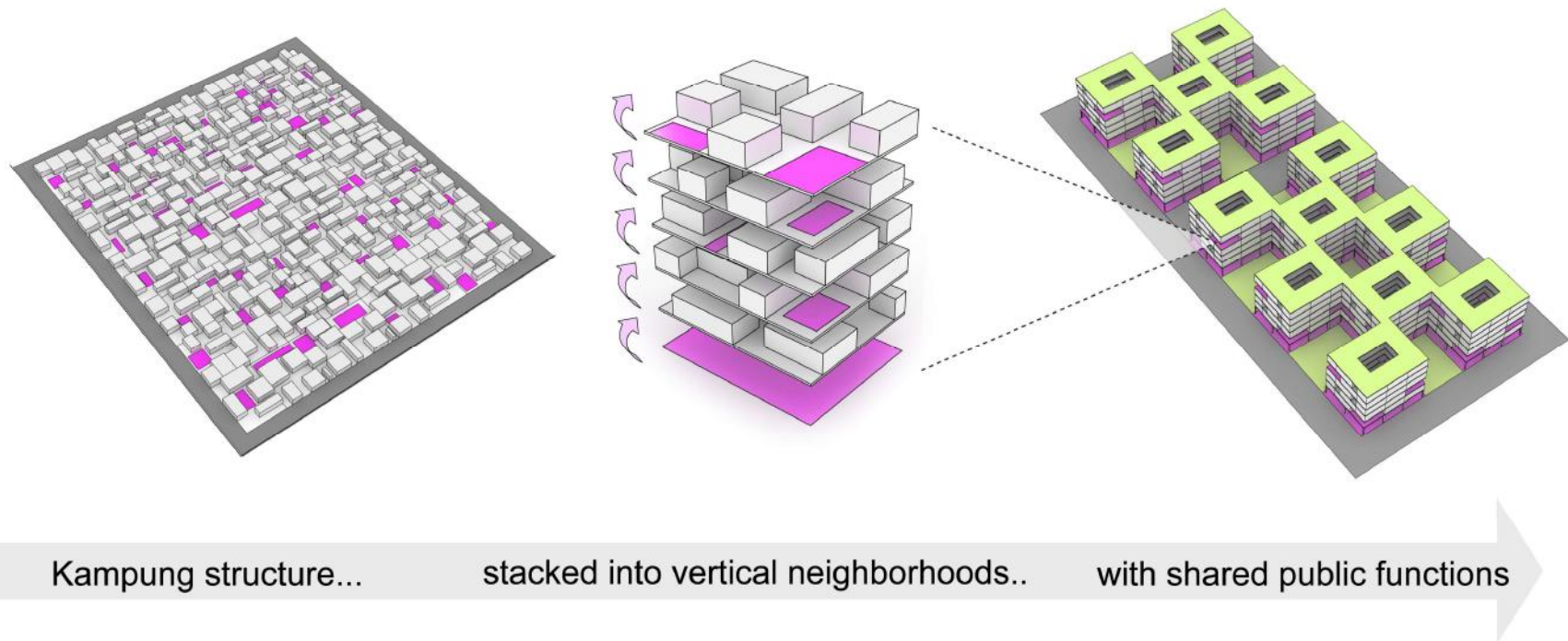


Stakeholders

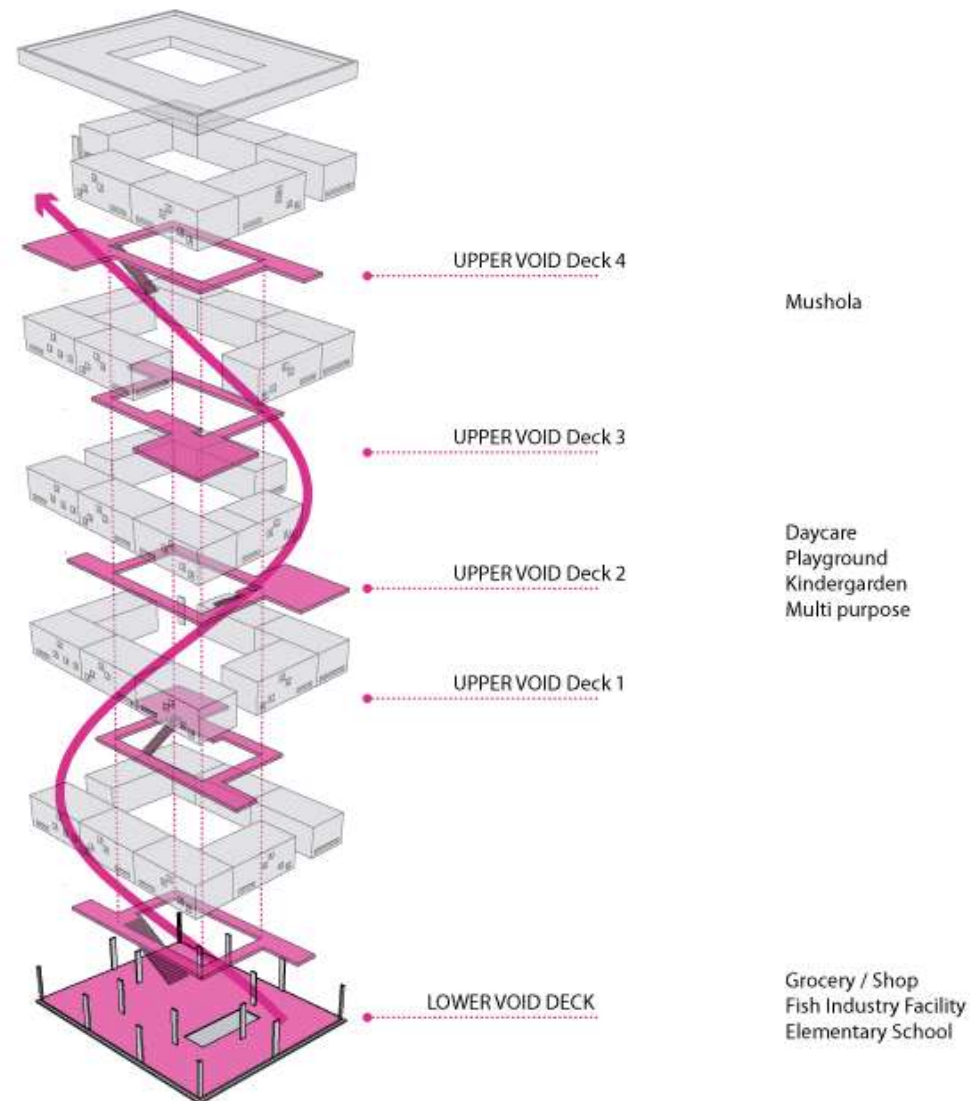




Concept: Vertical Kampung

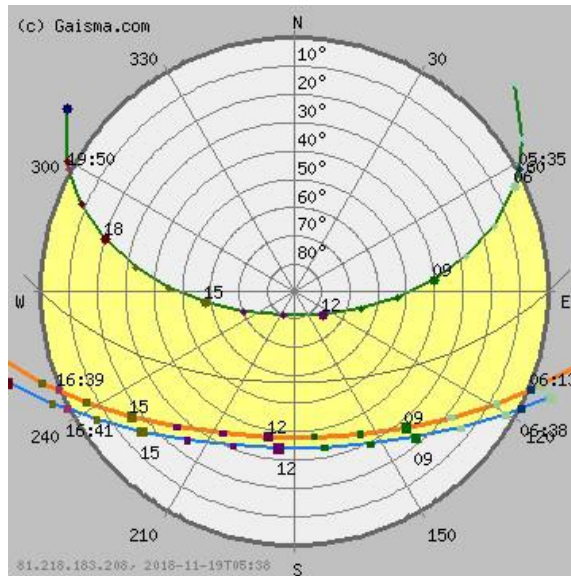


Concept: Vertical Kampung

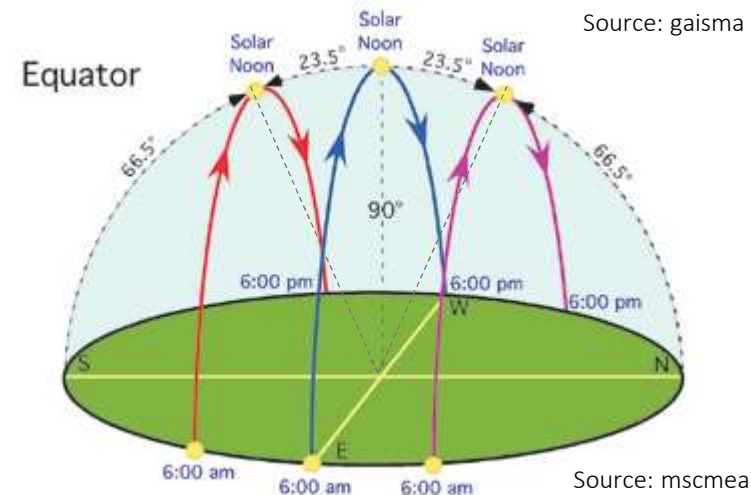
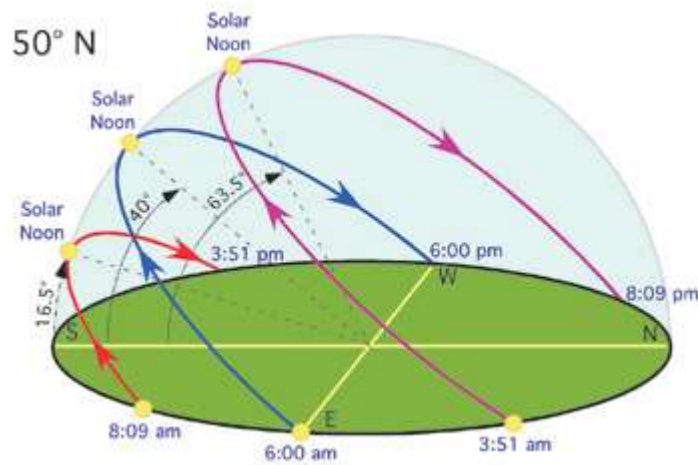
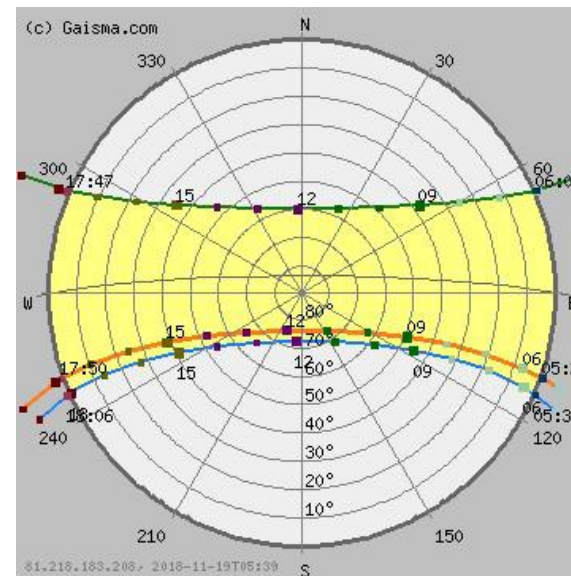


Passive climatic strategies

Tel Aviv



Jakarta

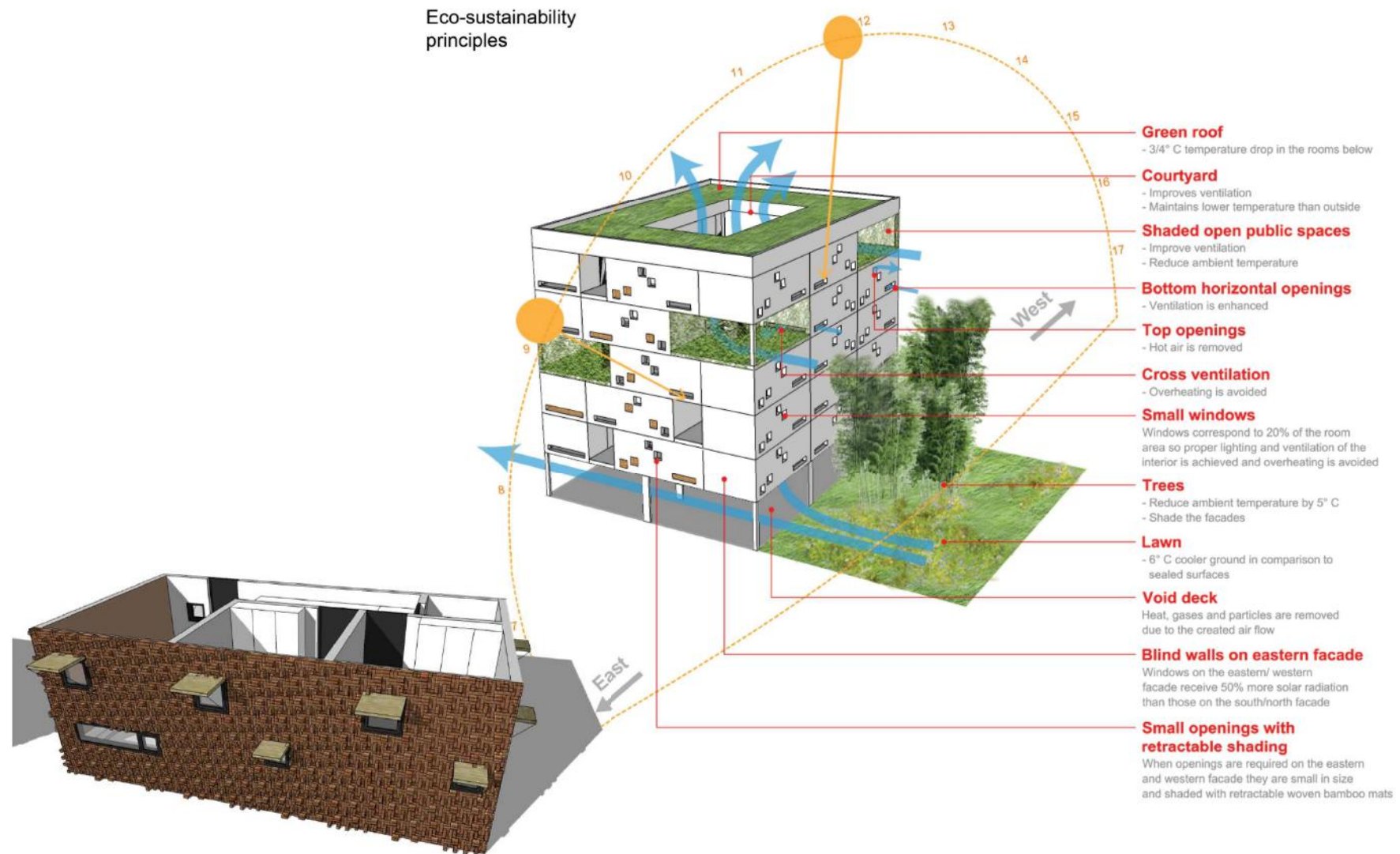


Source: gaisma

Source: mscmeearthscience



Passive climatic strategies

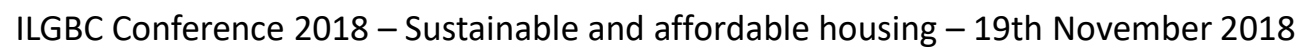


Vision



TOTAL KK: 2169

RELOCATION TARGET



Phase 1: 660 housing units 19000 m²





Plans and sections



Groundfloor plan



Typical plan



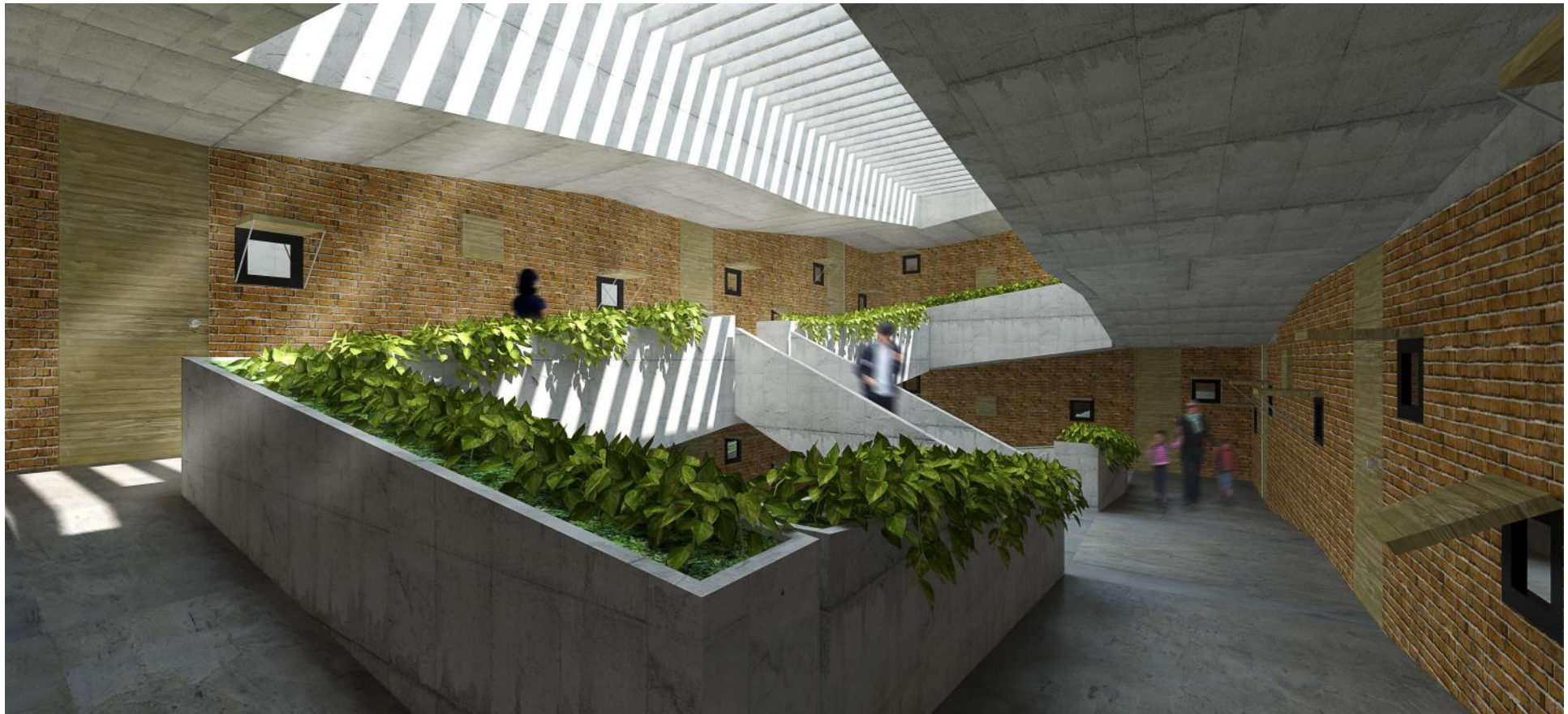
Section 1



Section 2



Circulation



Courtyards



Interior







Previous negotiation has been so successful, that complete neighbourhood would be willing to be relocated to new settlement



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Mr. Arpani, village head at the illegal settlement had invented informal census system, registered 1226 house at 'his area'



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"Why would they get the first houses, while we have to wait for the next phase? We want new houses as well, and we want it NOW !!!"



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Dispute between 2 areas at frontier between phase I/II, about who gets new house FIRST.



After a long talk, they gathered in one accord for one purpose, realizing I.K.A.N.M.A.S. (Integrasi Kampung Anugrah Nelayan Muara Angke Sejahtera)

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Land reclamation



Regular meetings with (ex) Governor Ahok



Muara Angke Design Team

Florian Heinzelmann, Daliana Suryawinata & Yogi Ferdinand

Wiwi Tjiook

Ronald Waterman

Dace Aumele

Telesilla Bristogianni

Sanne van den Breemer

Angga Rosiawan

Ammy Hardini

Robin Hartanto

Aistyara Charmita

Yanti Wisudha

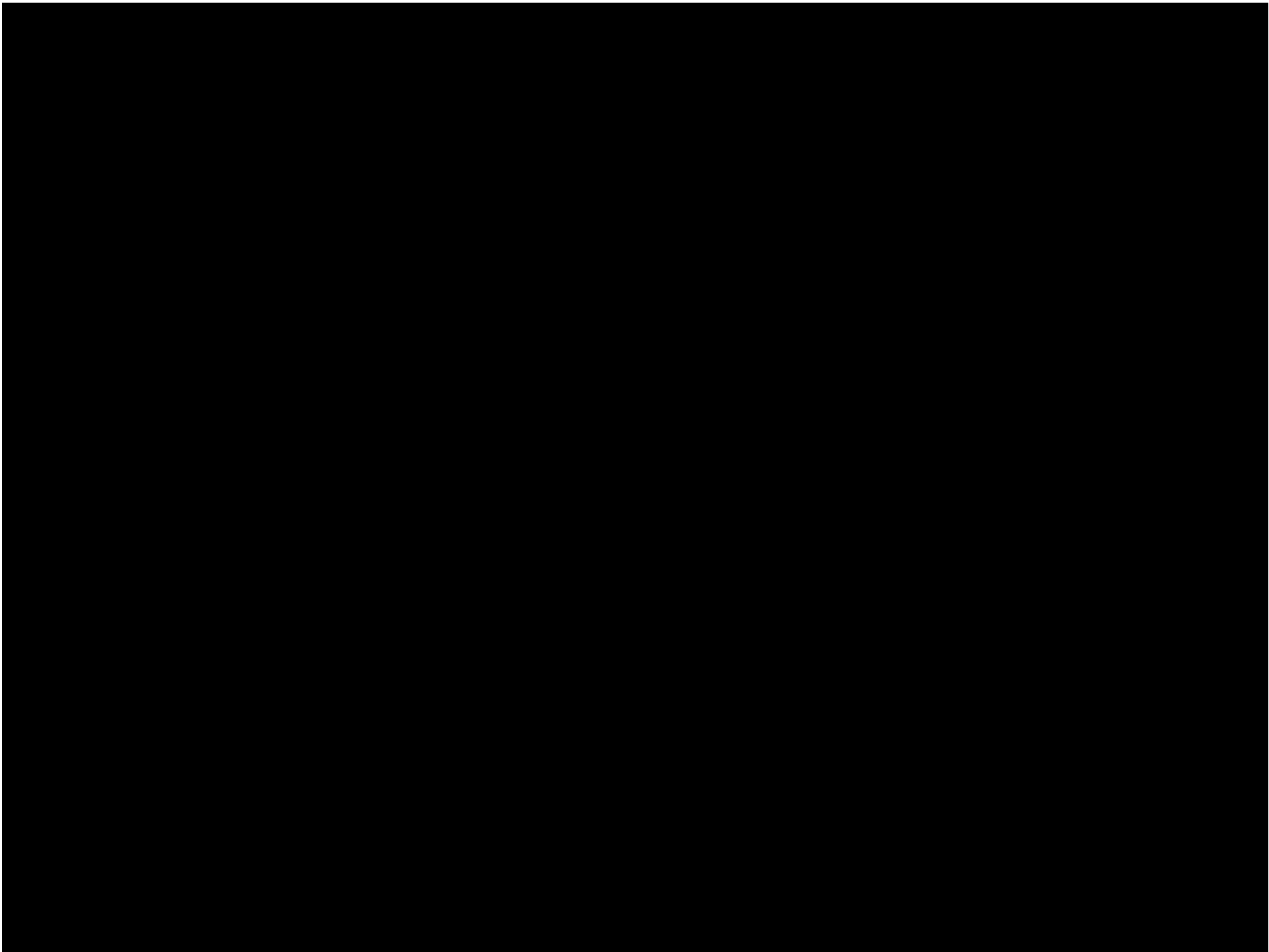
Pauline Boedianto

Mark van den Ouden

Pamela Jouwena

and many others





Other Affordable Housing Projects



Thank you

SHAU

Florian Heinzelmann & Daliana Suryawinata
Rotterdam – Munich – Bandung

info@shau.nl
www.shau.nl

@shauarchitects

Team

Diah Paramita
Rizki Supratman
Aditya Kusuma
Ryan Azhar
Muhammad Ichsan
Aloysius Baskoro
Timothy Vittorio
Ingrid Dharmawan
Alfian Reza Almadjid
Ben Barukh Kurniawan
Miftah Adisunu

