INTEGRATING
JAKARTA’S STREET VENDORS
IN ARCHITECTURE
FASCINATION
Indonesia is the largest Island country in the world with more than 14,000 Islands and an estimated population of over 255 million people.
Jakarta

- capital and largest city of Indonesia
- more than 10 million inhabitants (600,000 inhabitants in 1945)

Jabodetabek

- around 28 mil. inhabitants (2015)
- rapid urbanization caused many difficulties
A NEED FOR PUBLIC SPACE, A PLACE TO WALK, MEET PEOPLE

5 hours every week
the rest of the week
AND EAT
5 hours every week

5 hours every week
**key findings**

- *Socio-spatial fragmentation*
- *Poor infrastructure*
- *Urban informality*
how does this effect the street vendors?

• Street vendors are seen as a nuisance in the city

• Demand for street vending is ever growing

• Urban planning and architecture does not account for street vending

• Policies are excluding street vending instead of including
street vendors inhabit the city’s infrastructures
local authorities remove street vendors on a daily basis
‘Dealing with street vendors is like watching Tom and Jerry. It never seems to end’
- Ahok (Governor of Jakarta)
ROLE OF THE ARCHITECT

- bringing people together
- finding spatial solutions
- catalyst
hypothesis

By accommodating and integrating street vendors into the built environment of Jakarta's Central Business district, formal and informal systems can complement each other.

Deliberate design solutions can create conditions for socio-economic integration and exchange of knowledge by implementing a multifunctional hybrid program allowing a diverse group of users to interact.
The Street Vendor

THE USERS
mobile

stationary

typologies
locations
appropriation

- street vendors claim spots as if they were their own
- mutual understanding between vendors
- decorating public space as if it was personal shop
bus stop reclaimed by street vendors
3 case studies

**Tanah Abang**
- 6AM-6PM
- Commuters
- Textile shoppers
- 986 stalls
- 4,000 RP

**Jalan Kampung Lima**
- Building
- Street
- Food

**Lenggang**
- Open air market/parking lot
- Souvenirs & food

Relocation to a main product location:
- Building
- Textile
- Food
Know your vendor!

Facilitate the vendor!

Locate the vendor!
INDONESIA

JAKARTA (CENTER)

SARINAH
locations
street vendors
outdated preventing standard highend real estate development waardoor de street vendors geen plek meer hebben

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using shading and seating for defining their space
24/7 activity

streetfood & informal trade

restaurants

shops

offices

entertainment

open-air festival/movie
entry square to bus/main road to business district
- Colorful
- Dust filtering
- Stimulates senses
- Connection with nature
Reference: Paskal Food Market, Bandung

atmosphere, intimacy, outdoor
pedestrians can cross and enter the site safe & comfortable
Clarke Quay, Singapore

integrated approach, atmosphere
empty water tank gets filled

FILTER

water used for cleaning the square and watering the plants

grey water for buildings - sanitary facilities
‘big ass fan’ moves the air to create a breeze

hot air rises and escapes along the structure
Flexible photovoltaics in outer ETFE layer function as shading elements.

Photovoltaic cells power the ceiling fans and provide electricity for the users of the square (vendors & visitors).
Flexible photovoltaics in outer ETFE layer function as shading elements. Photovoltaic cells power the ceiling fans and provide electricity for the users of the square (vendors & visitors).
Typologies

mobile

stationary
food court
kiosk (canopy)
flexible vending spots
street market

stationary

mobile
$ own charts

fixed day price

$$ kiosk

% revenue + subscription based

$$$_$ food court*

fixed price monthly rent

* payment through electronic regulated system
monthly rent

food court

food & drinks: sate kambing

fee includes: fixed spot storage, shared kitchen, parking, seating space for visitors
subscription + % revenue

kiosk

dry goods: souvenir, clothing, mobile cards, cigarettes

fee includes: fixed spot (for a period of time), storage, parking, facilities
flexible vending spot

dry goods, snacks (easy to prepare)

fee includes: day spot, facilities (electricity, water, restrooms)
tile pattern/gradient marks flexible vending zones
integrating street vendors in architecture