Jakarta Urban Regeneration 2030

Muhammad Daud
Hotspot Cities Symposium
June 20-21, 2019
Philadelphia, USA

Jakarta today: numerous challenges, a couple of root causes

Car oriented development

Expressways to suburbs

Density restrictions

Unreliable public transport

Underinvestment in basic service

Limited access to clean water

Disintegrated waste management

Lack of affordable housing

Traffic gridlock

Polluted environment

Flooding & land subsidence

Environmental ramification of policies made in the past (case of flooding)

Car oriented development

Limited supply of housing in the city

Intensified development in floodplain areas outside the city

Increased risk of flooding

Natural settings

Risk of flooding

Underinvestment in basic service

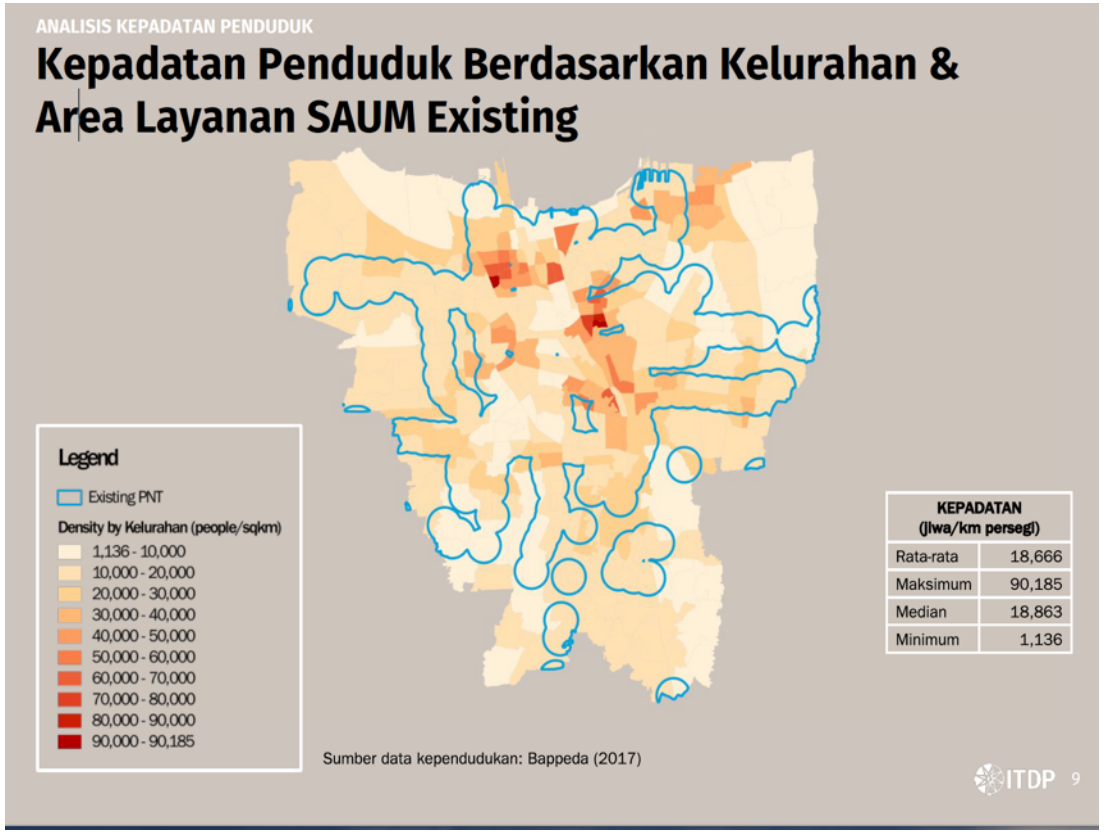
Limited access to centralized water and ground water explotation

Land subsidence

Increased risk of flooding

Urban sprawl and inefficient land use

> 60% of residents live more than 1 km away from mass transit stations



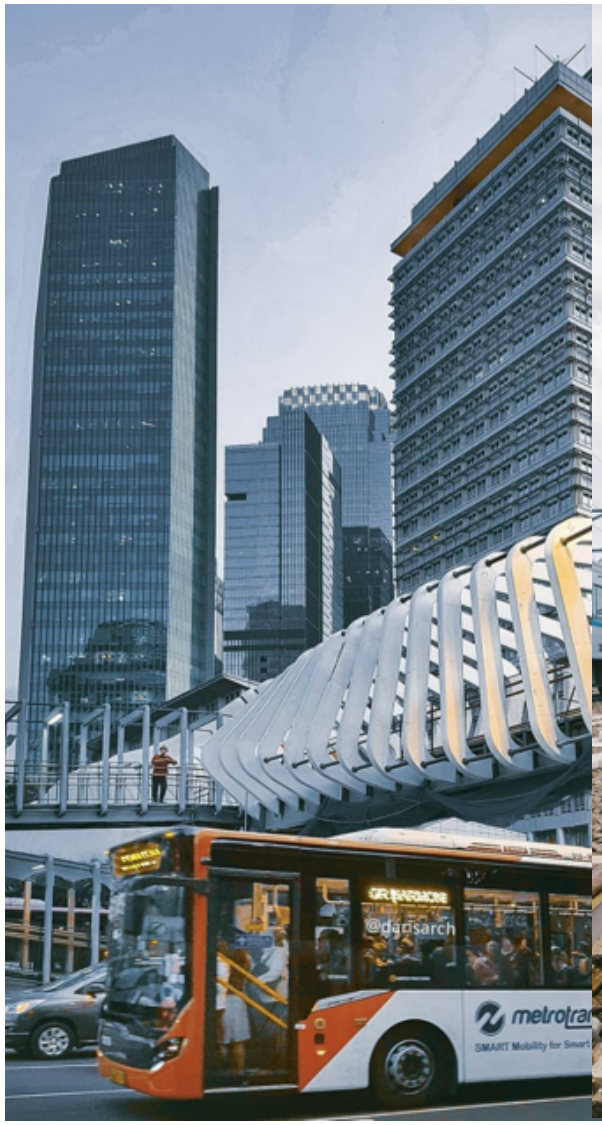
Source: Bappeda & ITDP

High in residential density but low in structural density

Source: Ouden, 2014

Most areas are dominated by low rise structures

Jakarta Urban Regeneration 2030



Fundamental policies shift

Car oriented development	→ Transit oriented development
Underinvestment in basic service	→ Rapid investment in basic service

60 priority and accelerated programs

- Expansion and integration of mass transit
- Universal access to clean water
- Provision of affordable housing
- Electric Bus Rapid Transit
- Collaborative green open spaces
- Sustainable growth centers

Key indicators for Jakarta 2030 (1 km = 0.62 miles)

MRT

2019: 16 km

2030: **112 km**

LRT

2019: 5,8 km

2030: **130 km**

BRT

2019: 1.122 km

2030: **2.149 km**

Outer Loopline

2019: 0

2030: **68 km**

Affordable housing

2019: 24.000

2030: **+600.000 unit**

Clean water

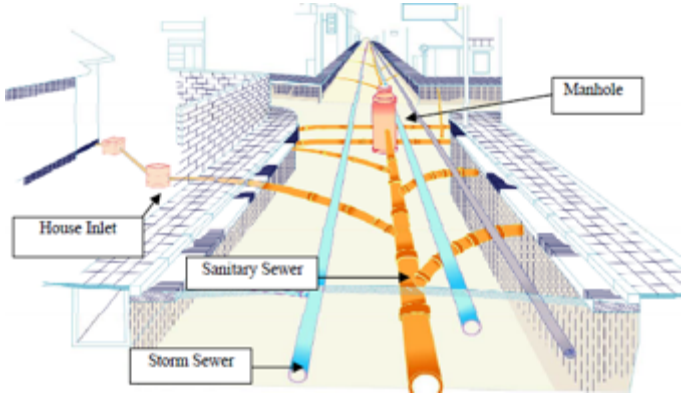
2019: 60% coverage

2030: **100% coverage**

Wastewater management

2019: 14% coverage

2030: **50% coverage**



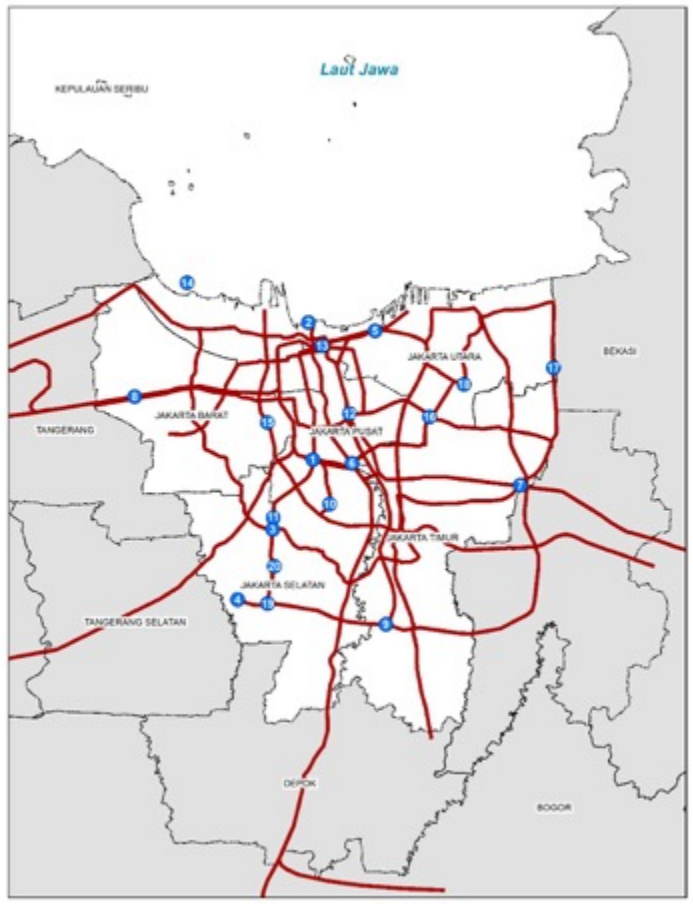
Revitalisation of microlets

2019: - [baseline]

2030: **20.000 units**

Polycentric growth within the city

Building 20 new sustainble growth centers (2019-2030)



Targeted areas

Dukuh Atas
International Gateway

Lebak Bulus
Transit Village

Blok M
Creative District

Manggarai
New Interchange

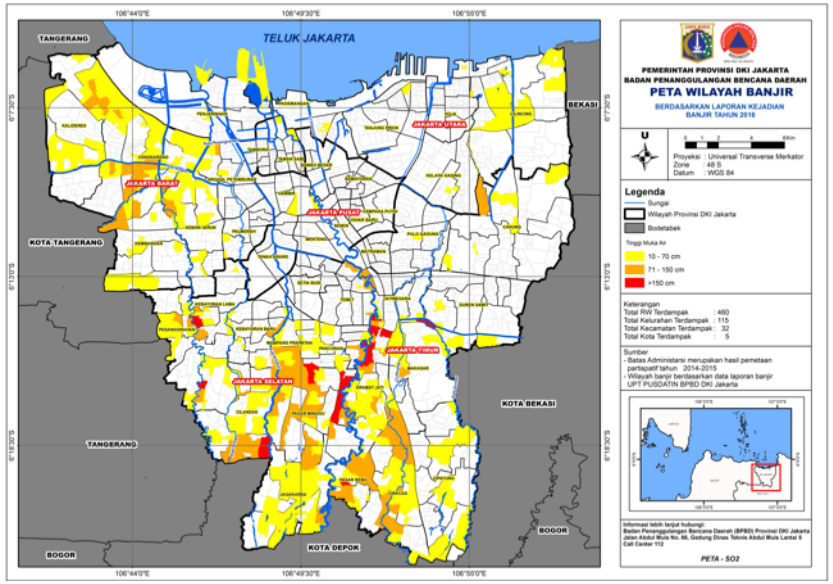
Taman BMW
Sports & Entertainment Hub

Kanal Banjir Timur
Riverfront City

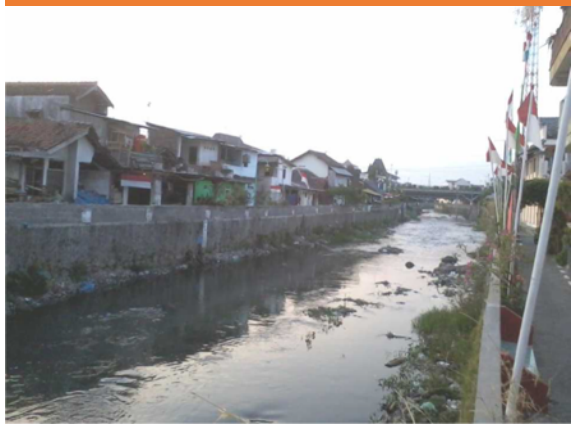
Features

- Mass transportation
- Affordable housing
- Clean water and waste management
- Integrated utilities
- Modern public facilities

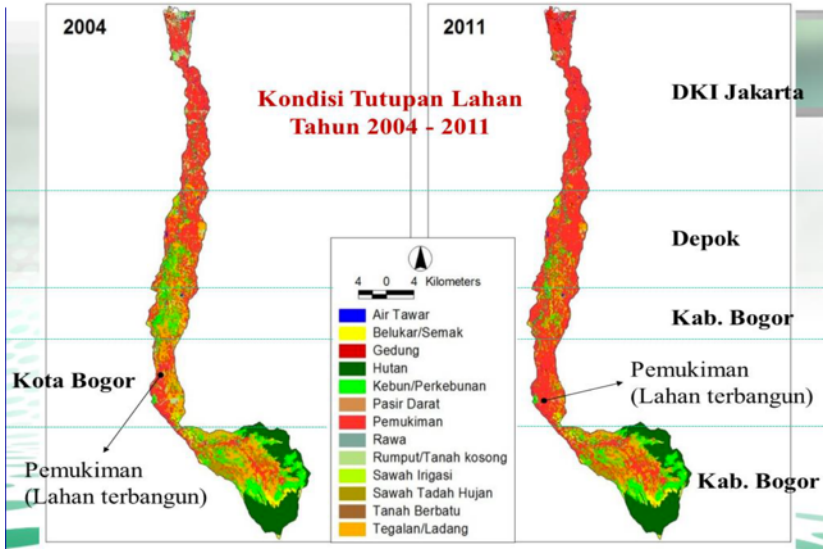
River revitalization

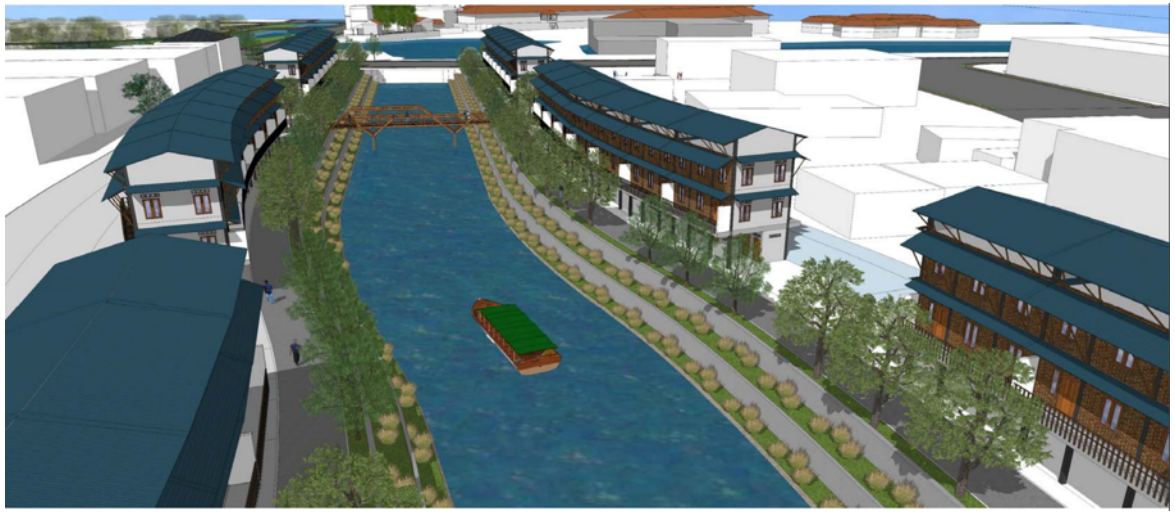


Before

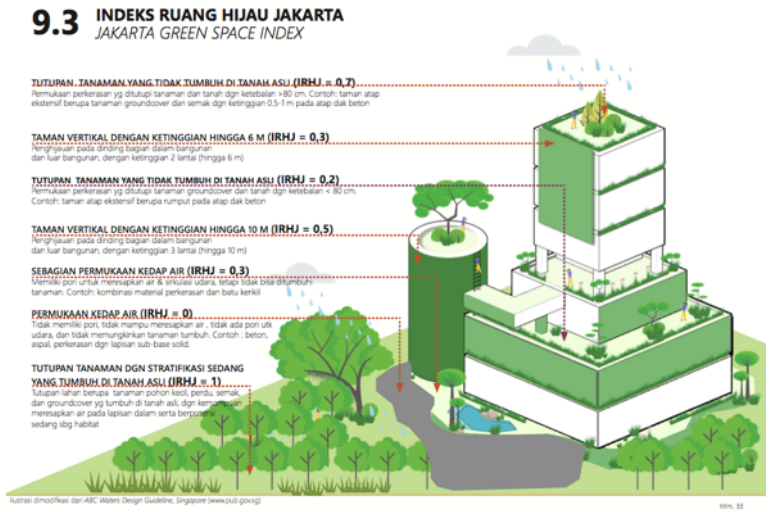


After





Participatory Development of Parks



Thank you