

The Future of Jakarta Smart City

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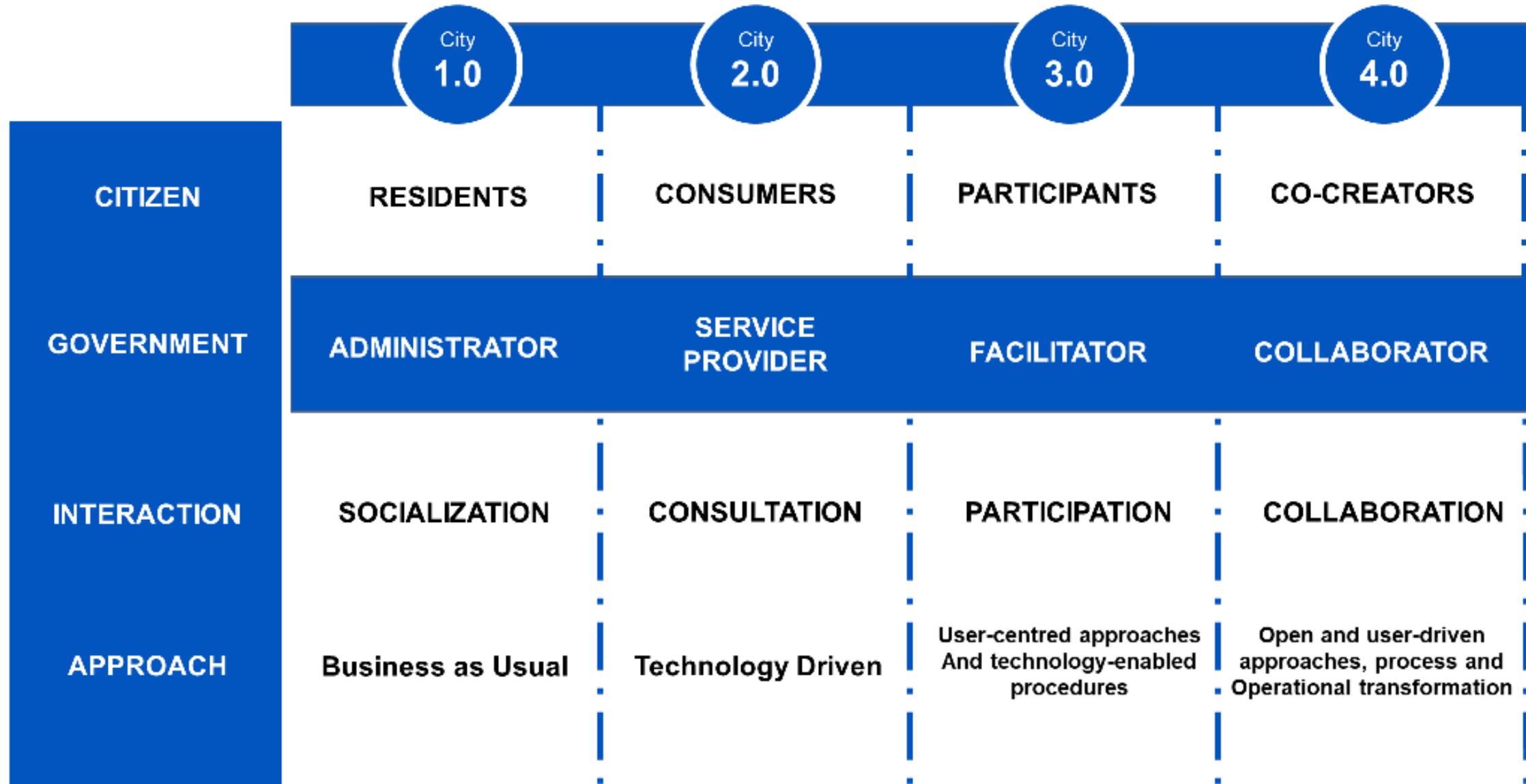
What is smart city?

Innovative City and Happiness

Governor's Vision and Mission

Maju Kotanya, Bahagia Warganya

City Evolution



PROBLEMS



Health Crisis



Economic crisis

OPPORTUNITIES



Digital-life breakthrough



Greener environment

The Enhanced Values...

The value on LIVES

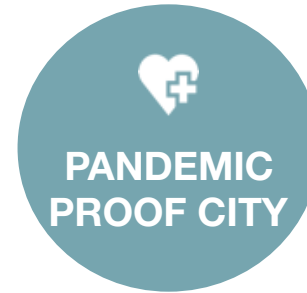
every lives matter

Understanding citizen needs, solving the problems, seizing the opportunities, and put the values on...

The value on LIVELIHOOD

everyone deserves decent livelihood

THE FUTURE SMART CITY VISION



PANDEMIC PROOF CITY

A city with high quality health standard, proper sanitation, clean, and crowd level is controlled that allow people to do necessary distancing



RESILIENCE TO CRISIS CITY

A city where the vulnerable groups are protected, housing are affordable, and basic services could sustain through the crisis



DIGITALLY ADVANCED CITY

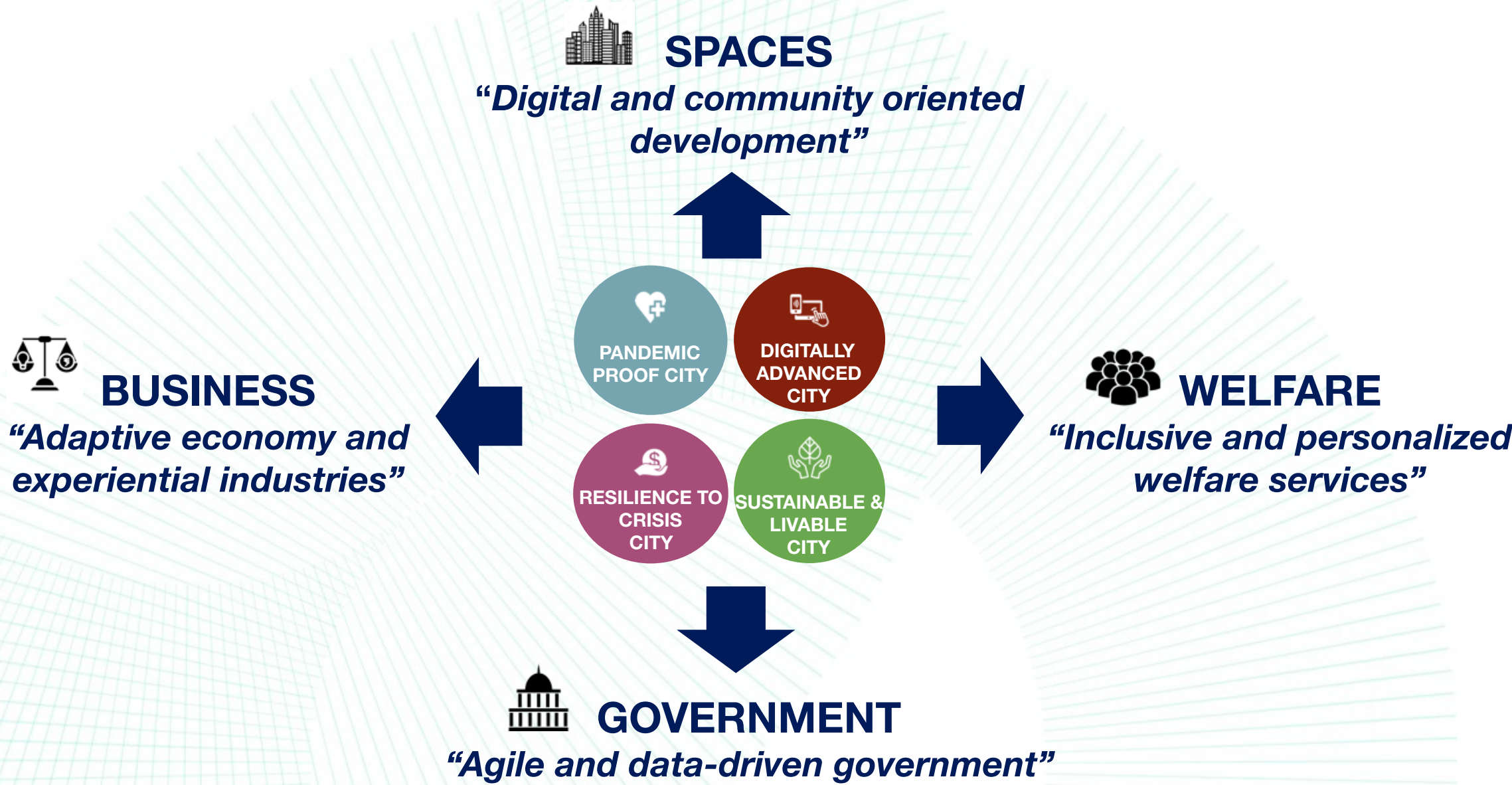
A city where digital infrastructures are advanced and substantial daily urban activities could be done digitally, creating efficient and optimum living



SUSTAINABLE & LIVABLE CITY

A city with high environmental quality and decent standard of living for every citizens

An Innovation Ecosystem of the Future Smart City Vision



Source: Governor’s Vision and Mission

Collaboration as Jakarta's Main Development Approach

Develop through **Collaboration.**



Government as Collaborator - Citizen as Co-Creator.

Smart City 4.0 Ecosystem Platform

Collaborator

Government

Co-Creators

Citizen Academia Media
Industry/Business/Investor
Other Governments

Vision and Mission
JAKARTA CITY 4.0

Technologies, Innovations and Collaborations

Cloud

Big Data AI

IoT

Blockchain



Road Congestion



Medical Services



Parking space



Flooding



Waste Management and Recycling



Air Pollution



School education



Local government services



Public Transport



Drink Water



Unemployment



Green spaces

City's Problems

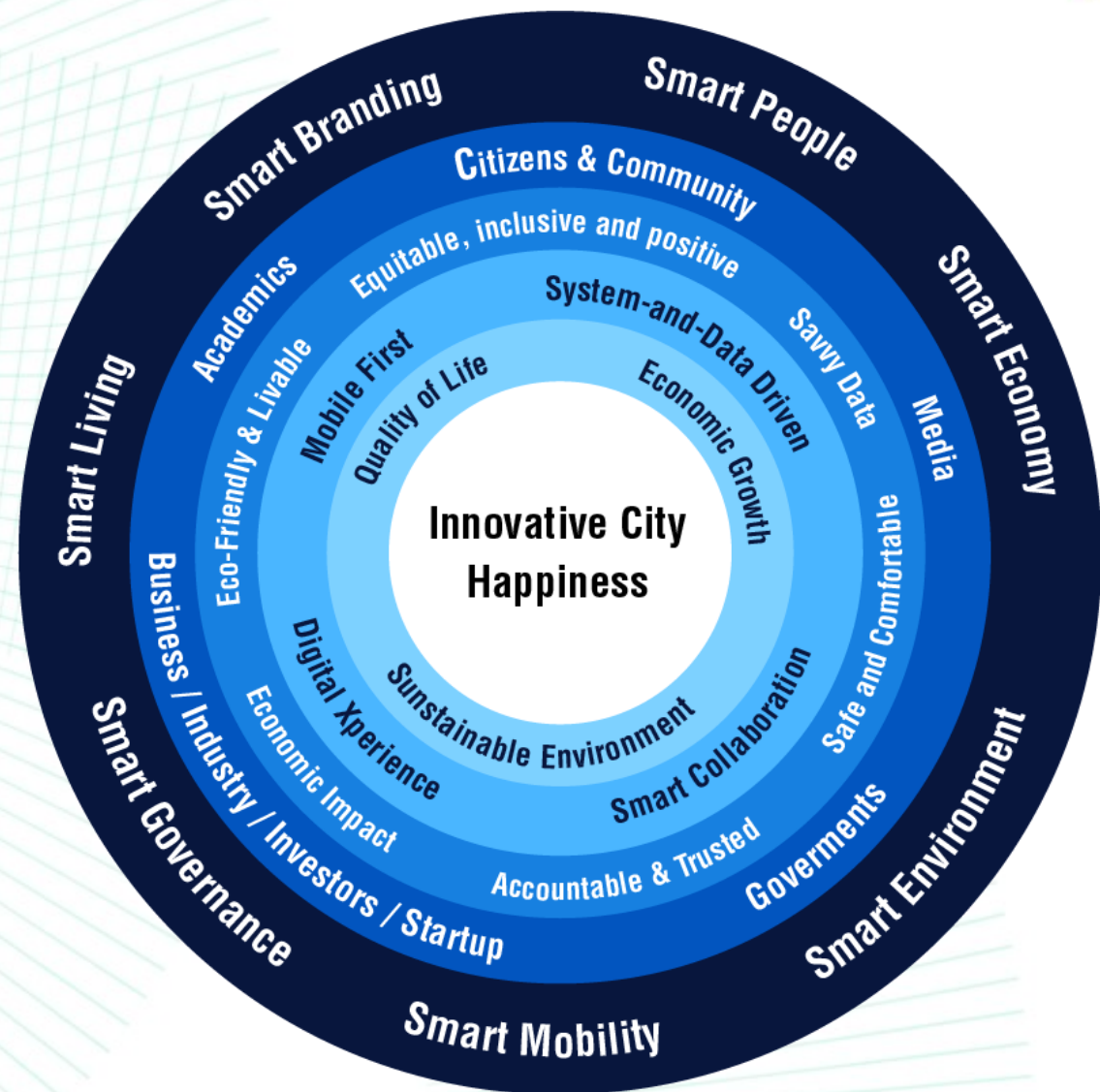
Citizen's Needs

Innovative City

Happy Citizens

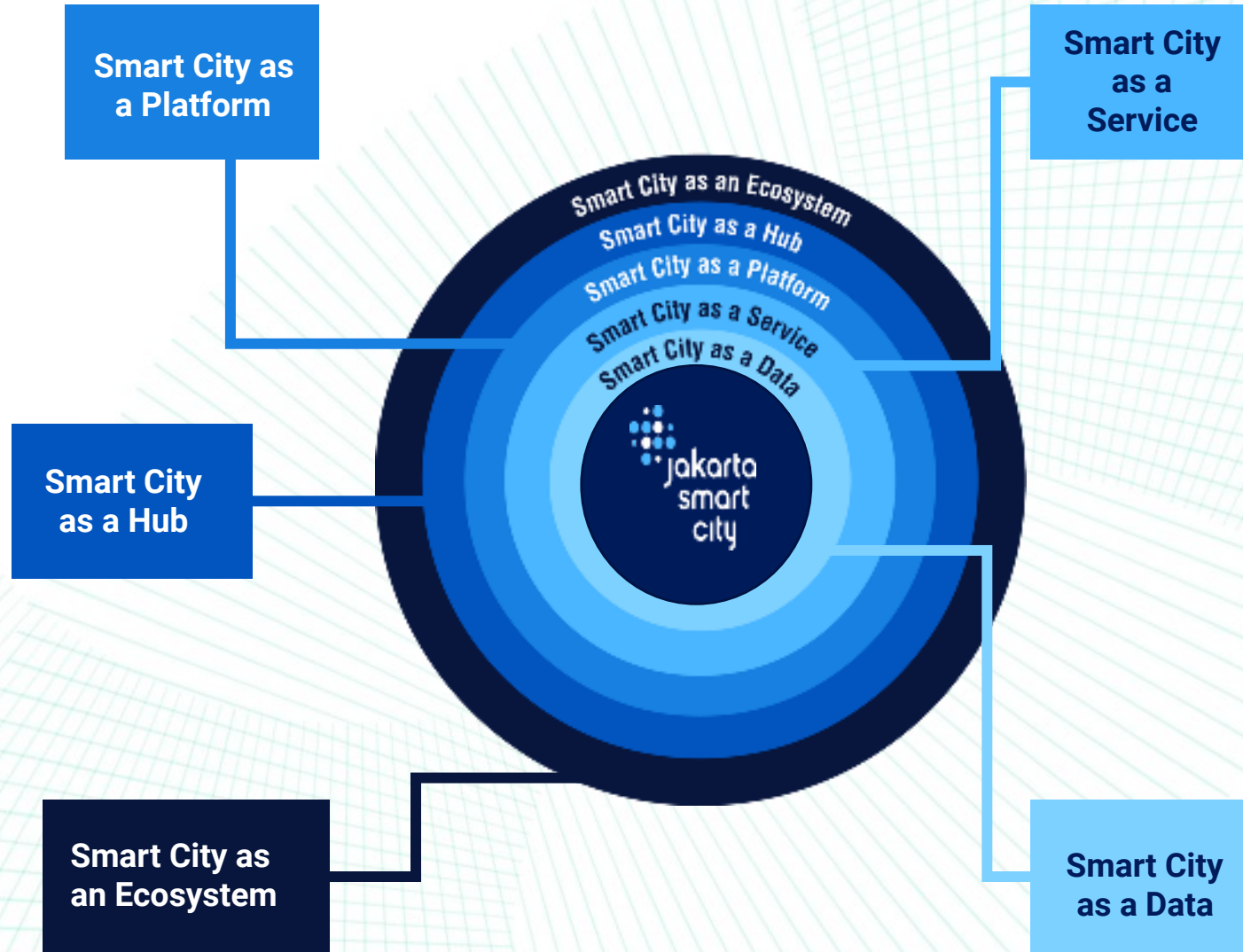
Smart City 4.0 Framework

| | |
|--------------|--------------------|
| 2 Aims | 3 Value Objectives |
| 4 Principles | 5 Co-creators |
| 6 Outcomes | 7 Indicators |



Smart City Ecosystem Platform

Mobile First, Ecosystem First



Smart City as a Data

- City data is recognized as a significant asset for the deployment of SC where SC data impact multiple services in various inter-disciplinary domains

Smart City as a Service

- Providing secure, reliable, and fast integration based on API (Application Program Interface) public services to citizens

Smart City as a Platform

- Jakarta has created digital platform that are ready to be used for city Co-creators (e.g. communities, industries and start-ups)

Smart City as a Hub

- Integration of various data platforms from different services

Smart City as an Ecosystem

- Building new business models for SC ecosystems instead of depending on financial restrictions (e.g. APBN/APBD)

Roadmap of Service Digitization

Gov as a Data

Gov as a Service

Gov as a Platform

Regional Devices

Population

Health

Education

Transportation

Economy

Social

etc



Department of
Communication, Information,
and Statistics

Data and
System
Integrators

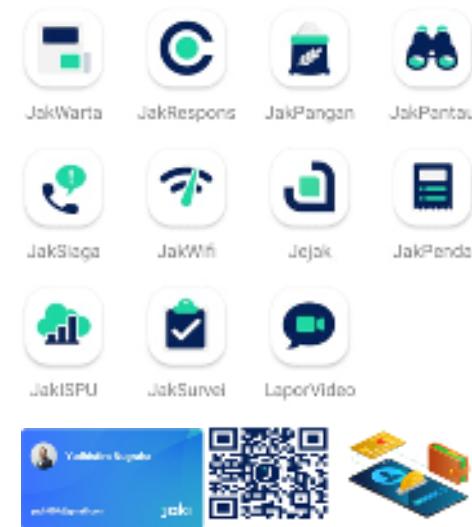
Platform
Provider

(API, DB link, web service, VPN, integrasi sistem)

(One-Stop-Service)

jaki

Citizen-designed-Services



Safe, stable, fast access of service

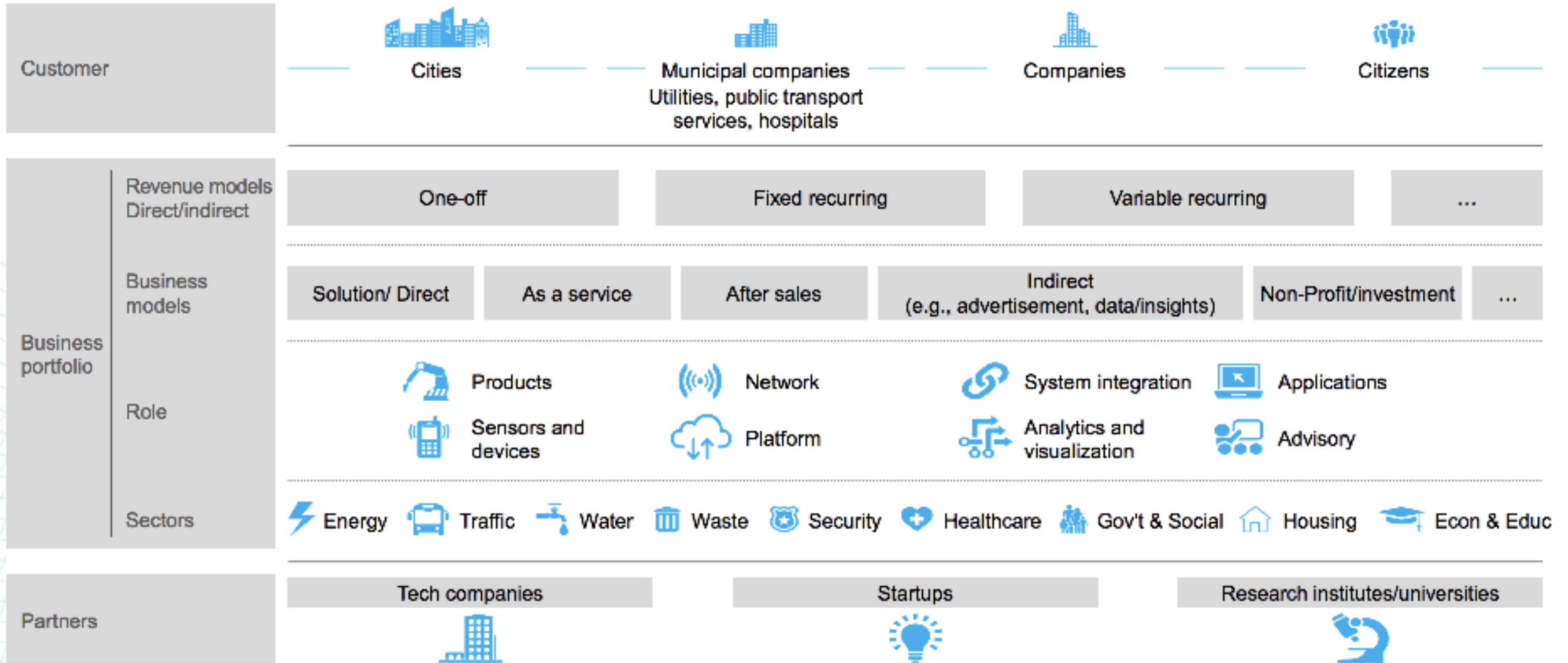
Evidence based policy, one stop service mobile app, API, micro-services, API, integrated payment

Safe, stable, fast data exchange

Jakarta Smart City Business Model

Business model for JSC as “a Indonesia Smart City Enabler” would require determining role in ecosystem

Option set



Thank You