

Indonesia Artificial Intelligence Summit 2020

Panel Discussion AI Summit
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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

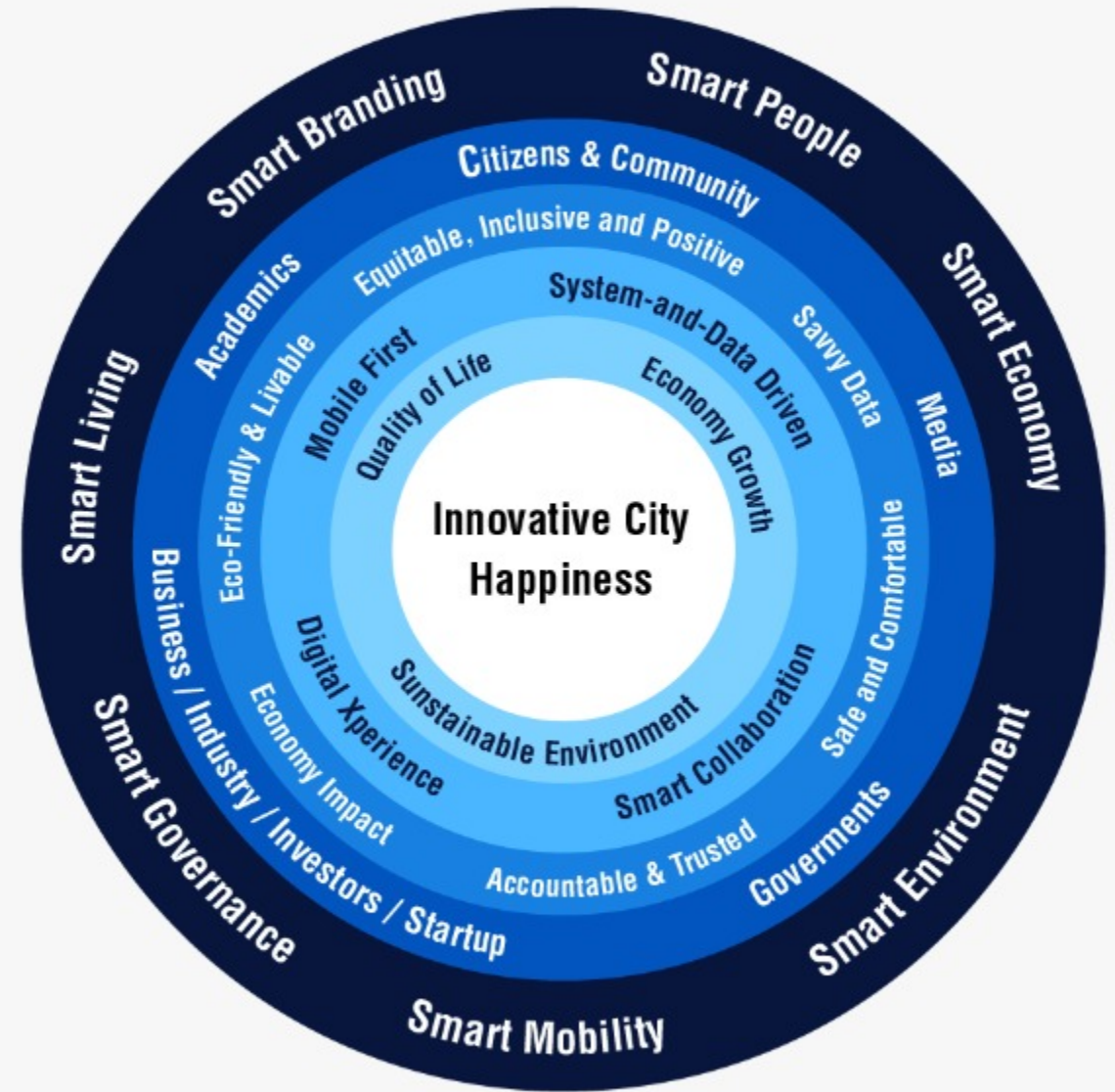
Citizen's Needs

Innovative City

Happy Citizens

Smart City 4.0 Framework

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



Feedback

Applications of AI in Smart Cities

- Advance security camera and surveillance system
- Vehicle parking and traffic management system
- Face detection cameras and movement for public safety
- Smart waste and disposal management system
- Flood monitoring system
- etc.

AI Smart City Challenge

- Infrastructure and costing
- Security and privacy concerns
- etc.

AI opens new avenues for smart cities

- A data-driven 'smart city' (city brain)
- Public-private partnerships
- Open innovation areas or sandboxes
- etc.

Business Model

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 AI ecosystems instead of depending on financial restrictions (e.g. APBN/APBD)

Thank You