

[A case study of K-Smart City Project]

“IFEZ” (Incheon Free Economic Zone) City Model

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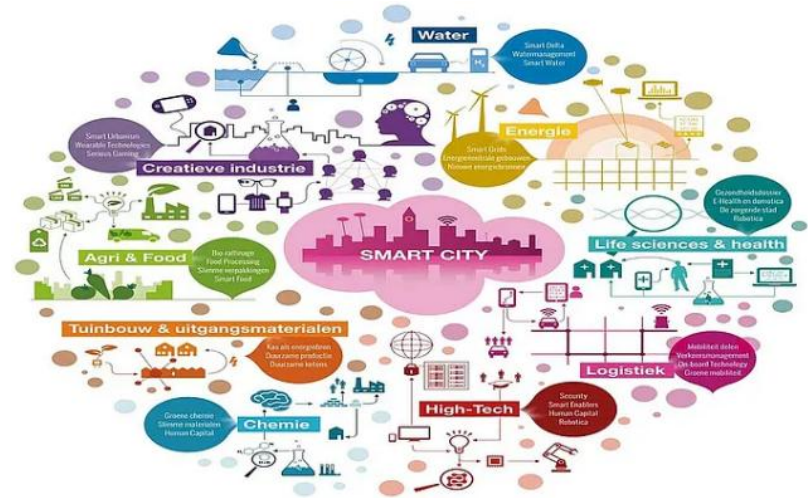
1. Introduction



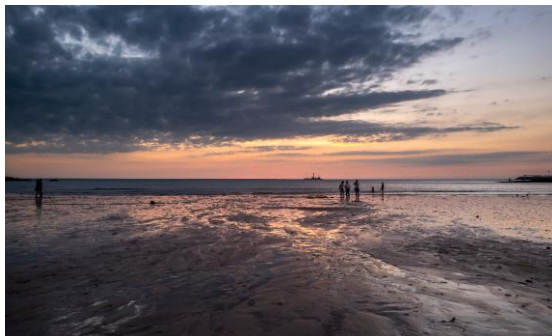
FEZ (Free Economic Zone)



Smart City



Incheon Free Economic Zone Area



Incheon Free Economic Zone Area



What is a **Incheon Free Economic Zone**?



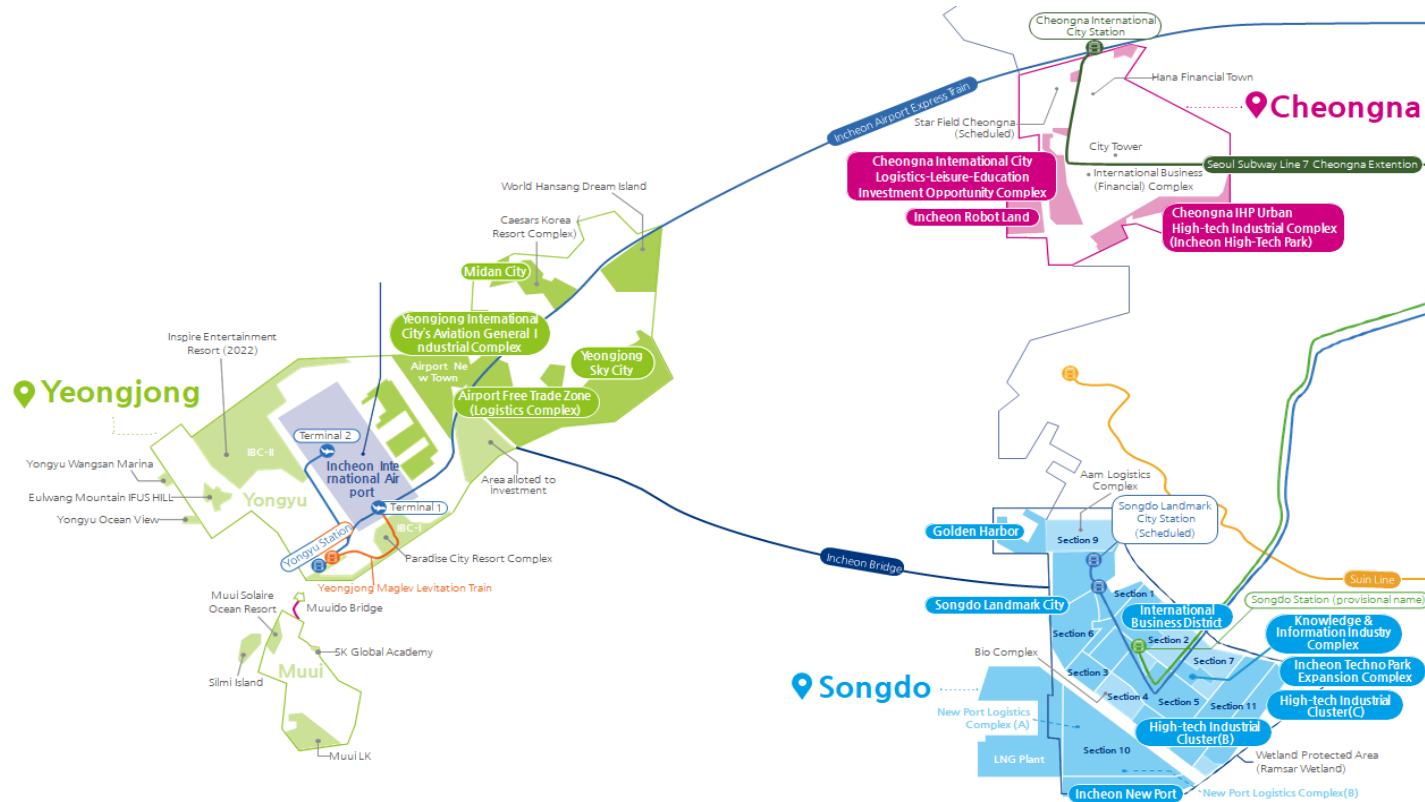
Designated as **Korea's first free economic zone** in 2003, IFEZ has been the focal point of the government's strategies to become the Northeast Asian economic hub.

It covers a total area of 122.43 square kilometers **including Songdo, Yeongjong, and Cheongna International Cities**, as well as the Incheon International Airport and Port.

Incheon is the starting point of Korea's west coast, the axis of **land development and economic/ industrial development**.

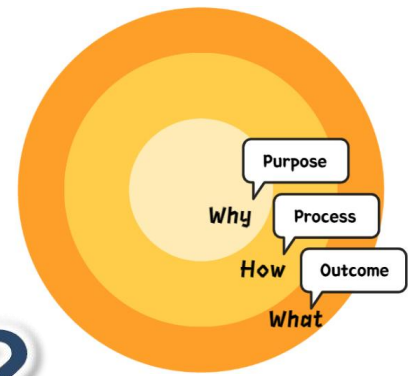
IFEZ fosters **global trade, logistics, biotech, and IT**. Its smart infrastructure supports **sustainable growth, attracting international businesses and innovation-driven development**.

IFEZ is formed by Songdo, Yeongjong, and Cheongna with customized projects considering local characteristics.



2. **IFEZ** Smart City Case Study





Why "Smart City"?



“Smart City” has changed the way to solve urban problems.

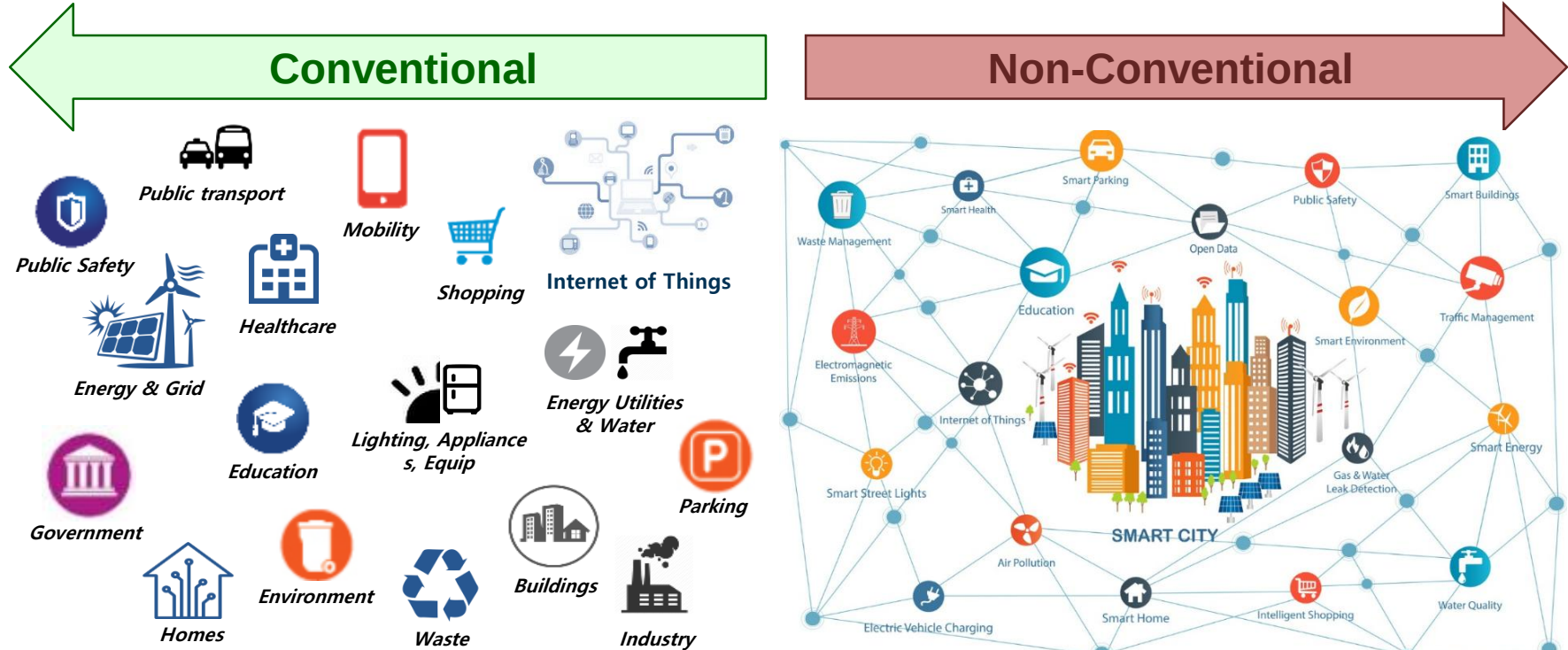


- ◆ Large-scale investment
- ◆ Long-term plan
- ◆ Physical infrastructure
- ◆ Residential space

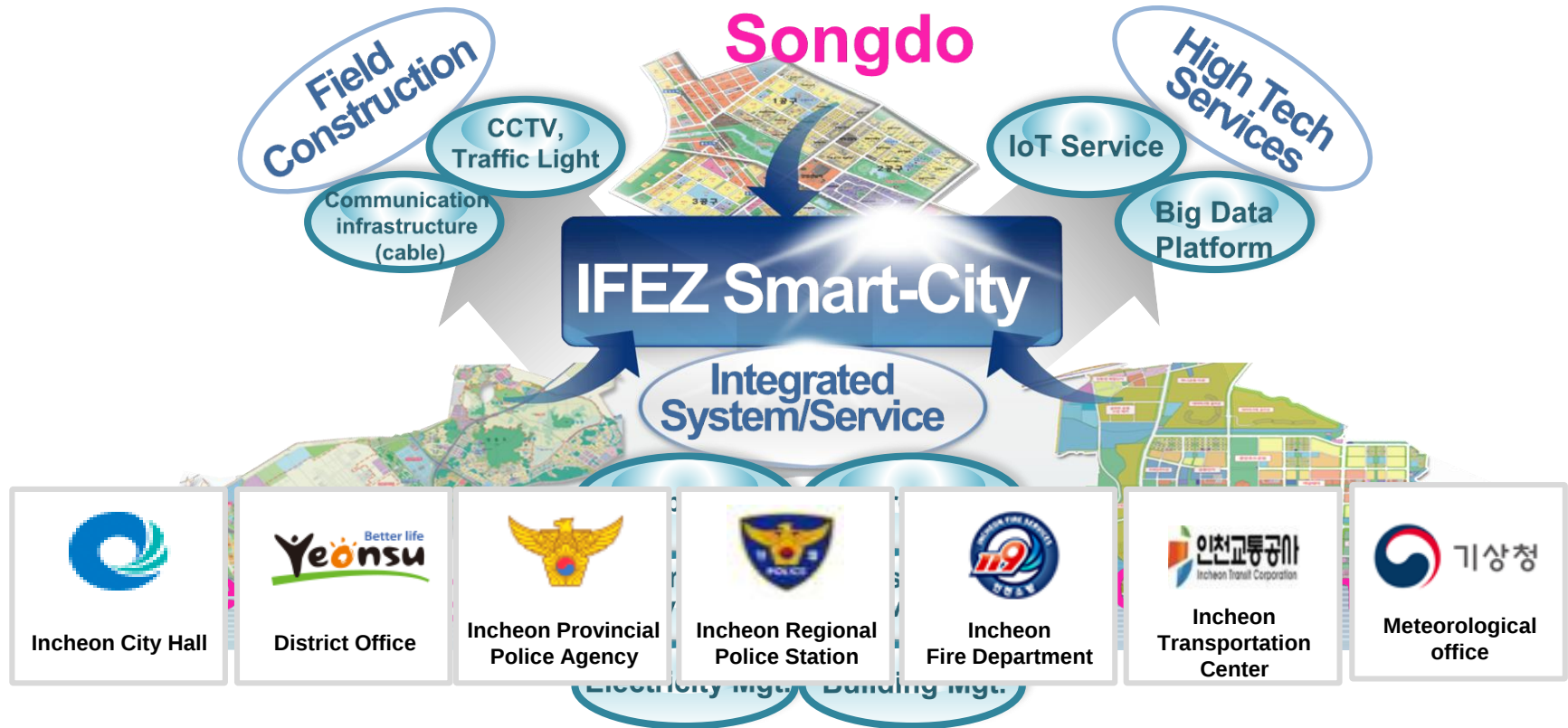
- ◆ The right investment at the right place
- ◆ Step by step plan
- ◆ Maximization of investment efficiency
- ◆ Services based on city data

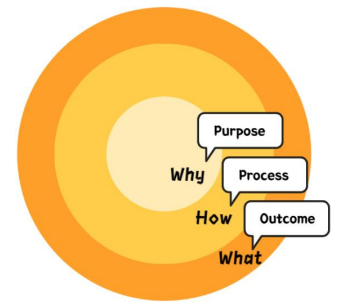


Services that were previously configured individually are integrated into one through “Smart City”



Structure of IFEZ Smart City

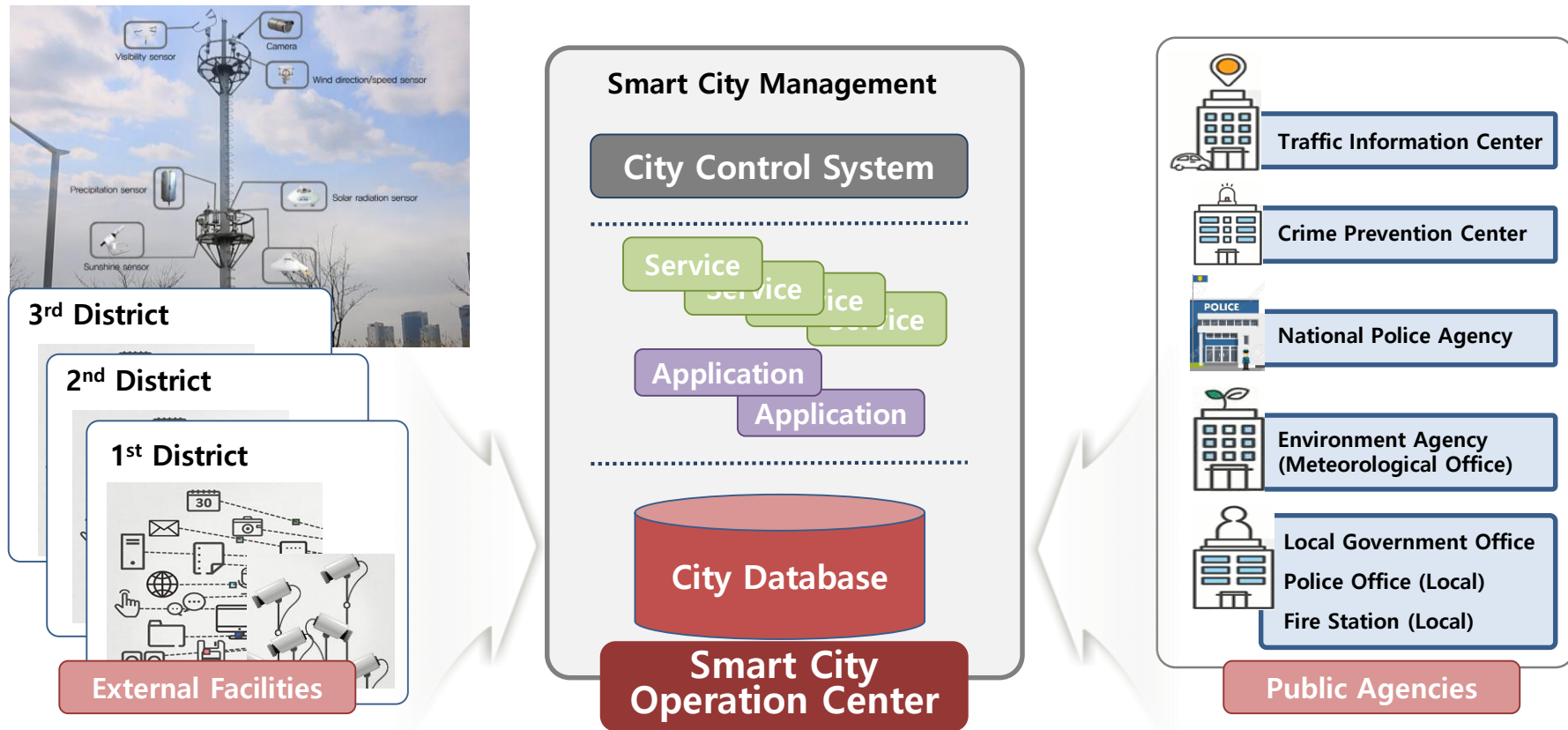




How to build a "Smart City"?



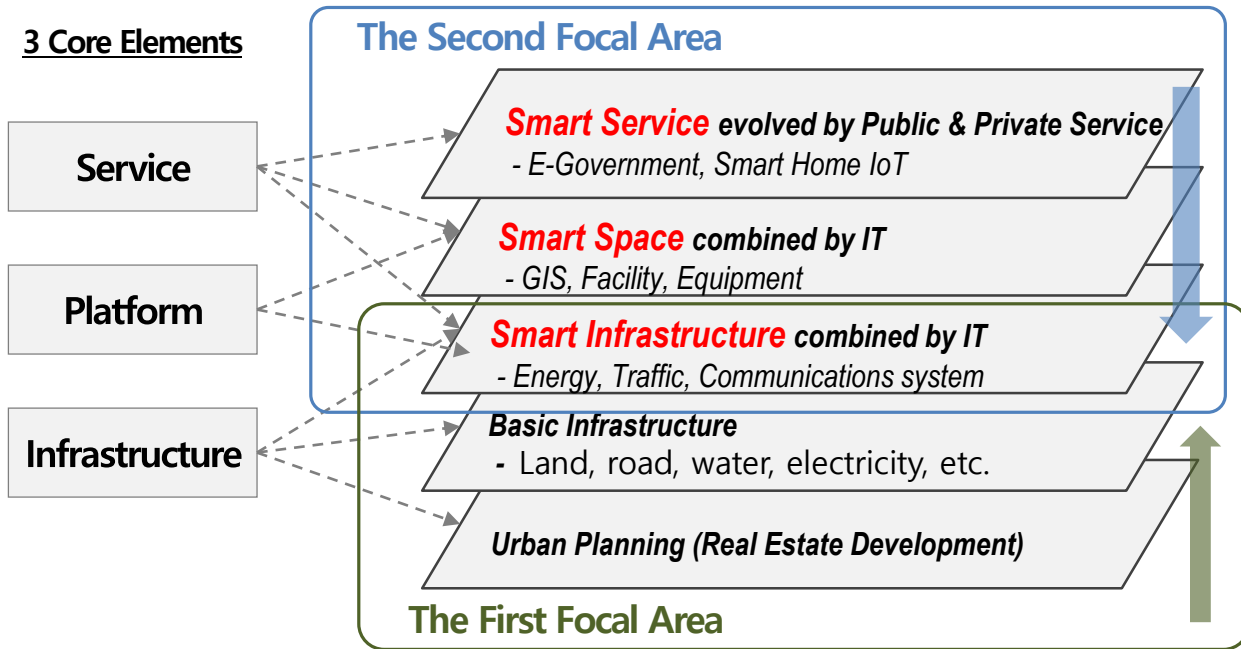
“Smart City” Connection & Data Collection



“Smart City” Components & Focal Area

Smart City Approach 5 Layers

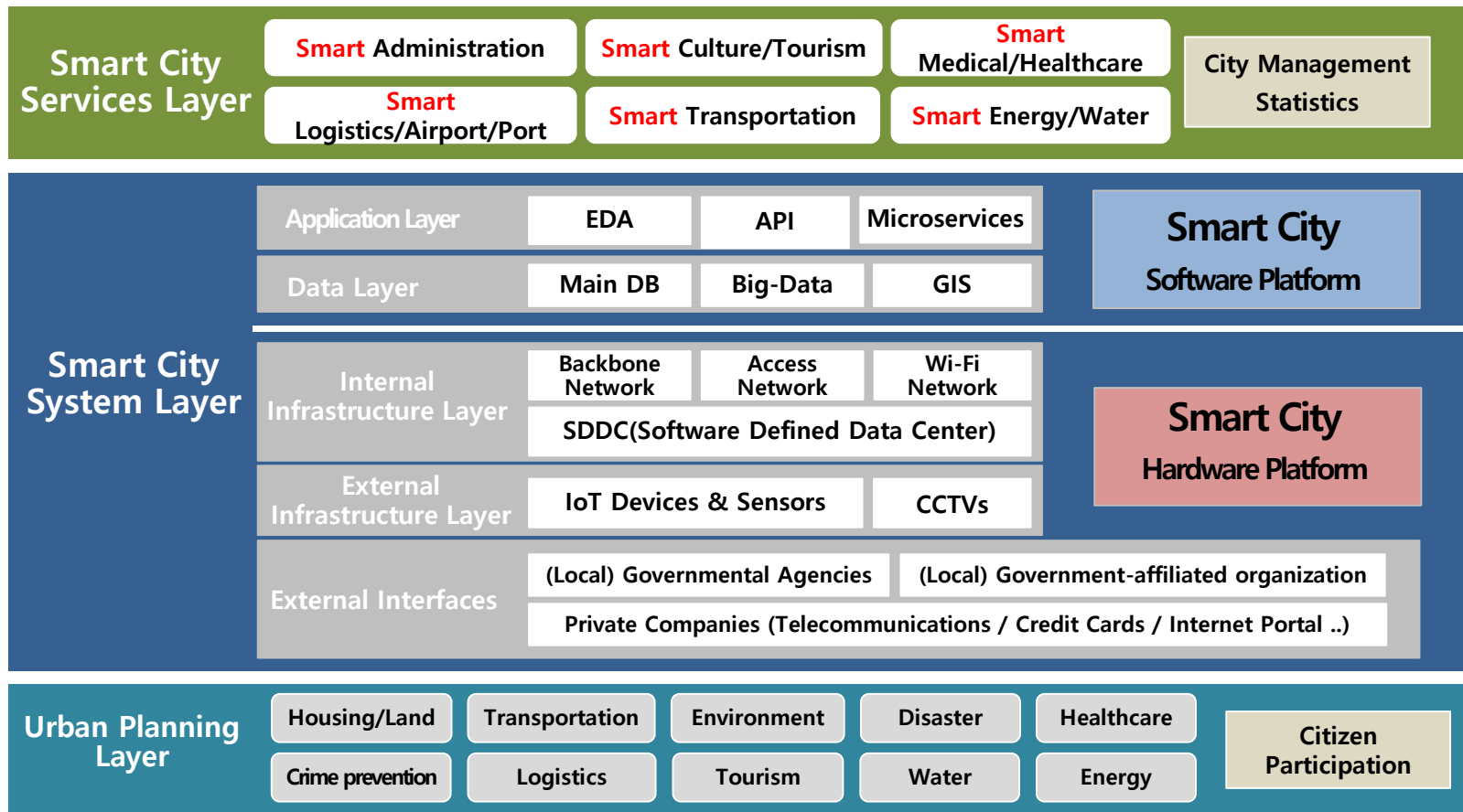
3 Core Elements

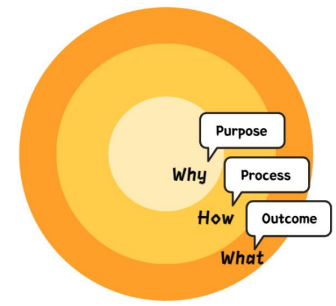


- Urban Utilization Side
- Consumer-centered
- Commercial, Cultural and Business

- New Town Development Side
- Provider-centered
- Residential and public services

Structure of IFEZ Smart City Platform





What is "IFEZ Smart City"?



Vision of IFEZ SMART CITY

“Global Leading Smart City”

Anytime,
Anywhere,
Anyone
with Smart City Services



Strategies of IFEZ SMART CITY

“Simple & Complete Smart City”

One Space



IFEZ Smart City
Operation Center

One System



IFEZ Smart City
H/W Platform

One Service



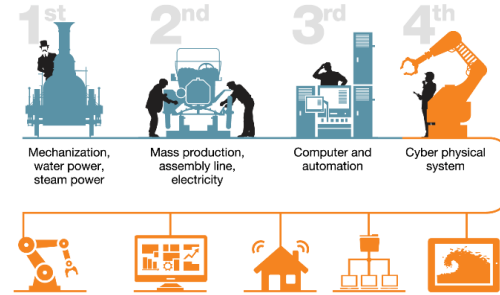
IFEZ Smart City
S/W Platform

Phases of IFEZ SMART CITY

“Step by Step Smart City”



- Establishment of information strategy
- Construction of communications infrastructure



- Progression of 3 areas Smart City project
- Integration of 3 areas into one IFEZ Smart City



- Upgrade of IFEZ Smart City Platform
- Development of new smart city services (with IoT, big data & Cloud)



“Integrated & Inclusive Smart City”



Public Service



S-Traffic



S-Crime Prevention



S-Facility



S-Disaster



S-Green



S-Traffic Facility

Private Service



S-Home



S-Store



S-Education



S-Building



S-Healthcare



S-Office



3. **IFEZ** City Model



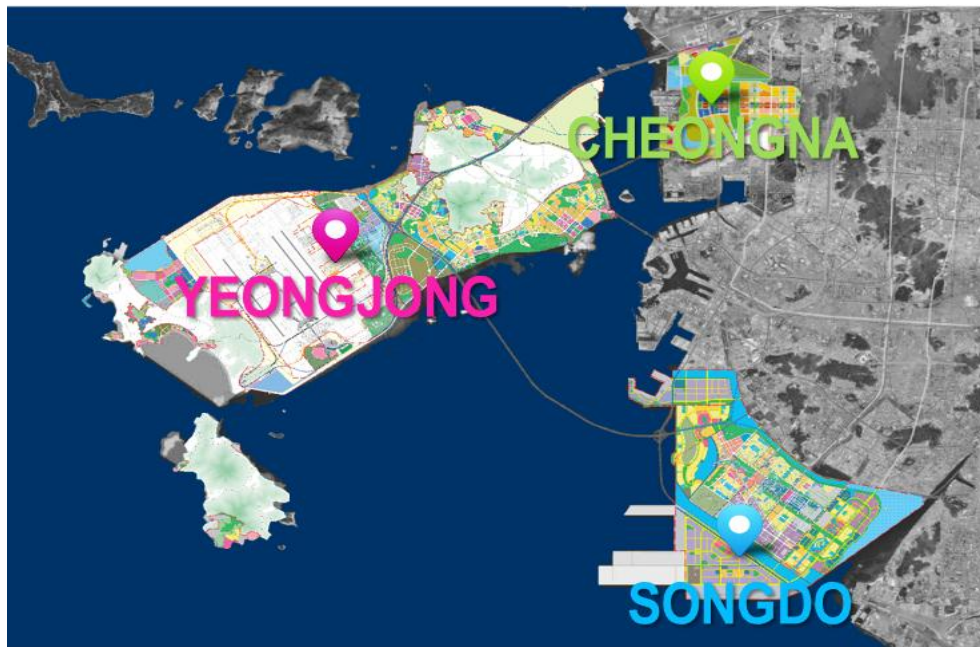
IFEZ from Smart to AI City : The Next Evolution of Urban Life



AI City Model Reference



IFEZ City Model Components



Transportation
Tourism/Leisure
Logistics
Education
Healthcare

Industrial environment

- Global Campus & Education Hub
- Startup Incubation Center
- Airport & Seaport Logistics Hub
 - Incheon International Airport
 - Incheon New Port
 - International Cruise Terminal
- Bio Cluster

AI City Environment

- IFEZ City Operation Center
- IFEZ Cloud/AI Datacenter
- IFEZ City Platform

IFEZ City Model with the UN SDGs

Sustainable Development Goals



IFEZ Smart City Ecosystem

Smart City Infrastructure
(City-wide)

Smart City
Integrated Platform

Public Services
(Traffic & Safety)

Data-hub Center
& Data Sharing

High-Tech Solution
& System

The city of the future
that you've been dreaming
and waiting for, already exists.
IFEZ AI City

 ifez



An aerial photograph of the Incheon Free Economic Zone, showing a mix of modern high-rise buildings and traditional Korean architecture. The entire image is covered with a semi-transparent blue filter. The text 'Thank you' is prominently displayed in the center in a large, white, italicized font.

Thank you

*Incheon Free Economic Zone
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