The 4th Asia-Pacific Regional Forum on Smart Sustainable Cities and e-Government 2018
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Smart Cities and e-Government in Korea

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Smart Cities in Korea

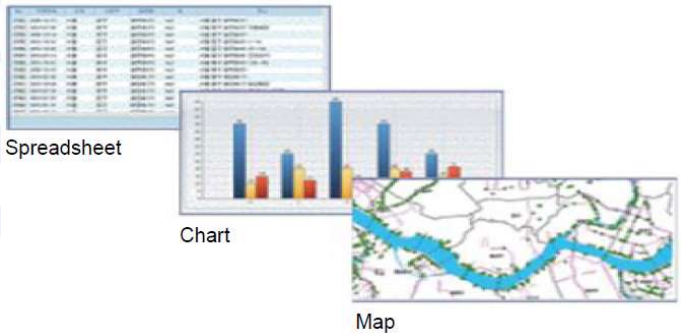
Smart City Seoul

New Connectivity, New Experience

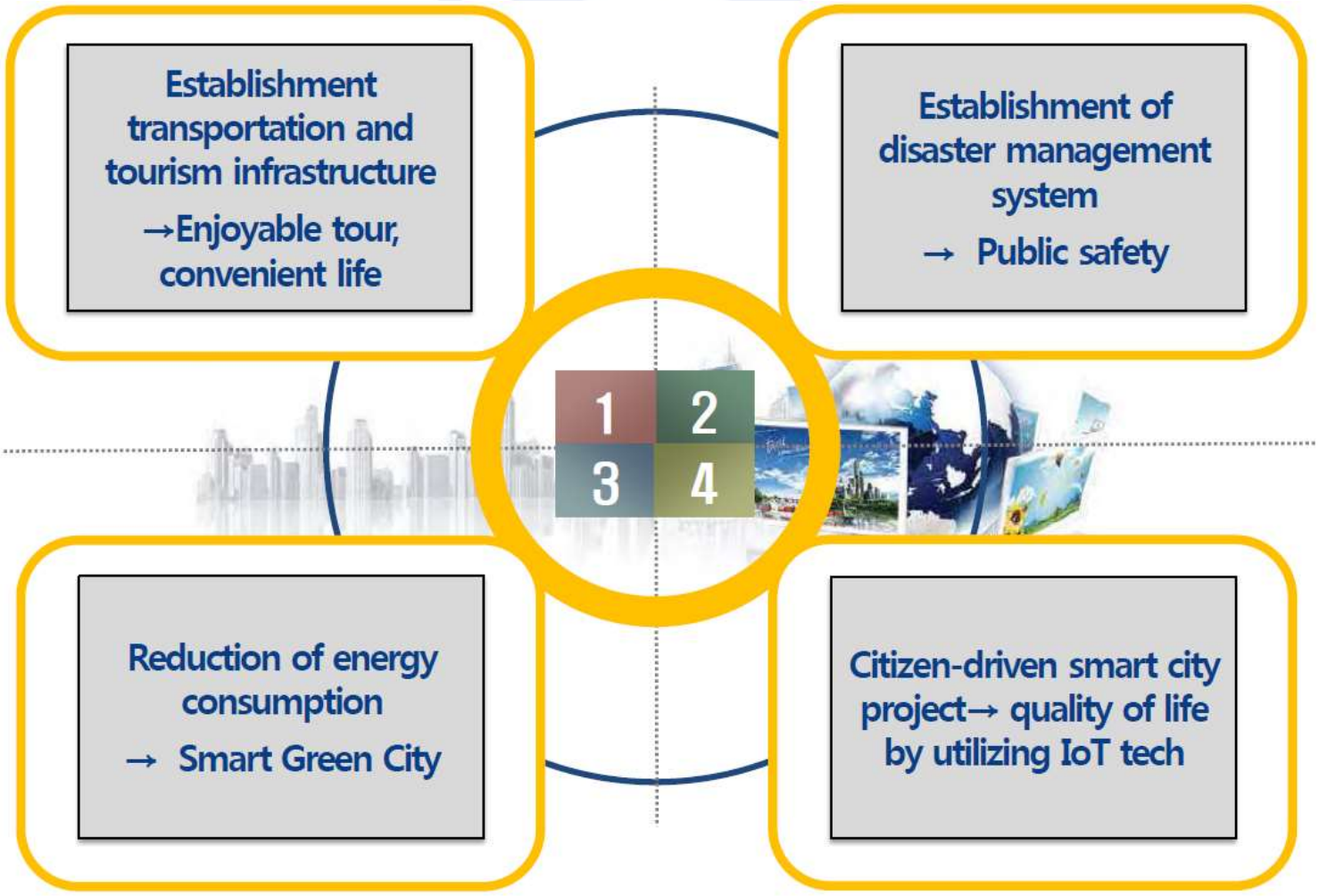
Citizen-oriented Digital City	Digital Economy	New Citizen Experience	Global Digital Leading City
Citizen-driven Digital Governance	**Business Incubation**	**Solving Urban Challenges with Digital Tech.**	**Infrastructure**
Participation	Digital Platform		Digital Business Ecosystem
Cooperation	Convergence	Improving Citizen Value	Digital Events

Seoul Open Data Plaza

Open 4,700 dataset in 10 areas such as general administration, culture & tourism, public health, and environment



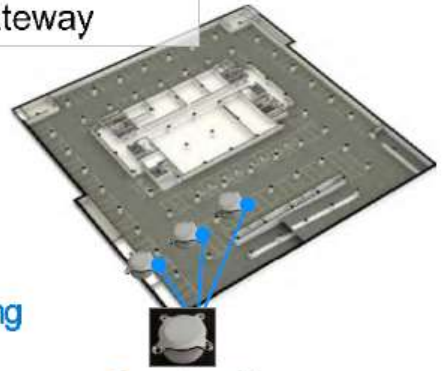
Smart City Busan



Busan – Smart Parking

1 Implement Infrastructure

- Installation of sensor, video camera and gateway



Gateway for smart parking (Video Camera)

Smart parking sensor

2 Search for lots

- Searching for the real-time information on available parking lot - location, distance, fee

Device for Android, iOS

3 Linkage with navigation

- linkage with Tmap
- Linkage with applications without input the destination

5 Monitor the parking lot

- Real-time video information
- Battery information for parking sensor

4 Inform the estimated parking fee

- Push service for the setting time/estimated fee
- Automated calculation with parking fee DB

Songdo – Public transportation information providing servcie & fusion

1 Bus Information Provision

- Bus arrival
- Expected arrival
- weather
- Government promotion
- event

2 Connecting the subway

- Subway information provision near the bus stop
- Bus stop information provision at station

3 Multilingual Information Provision

4 BIT display monitoring and surveillance in shelter

- Connecting 112 center and Michuhol call center

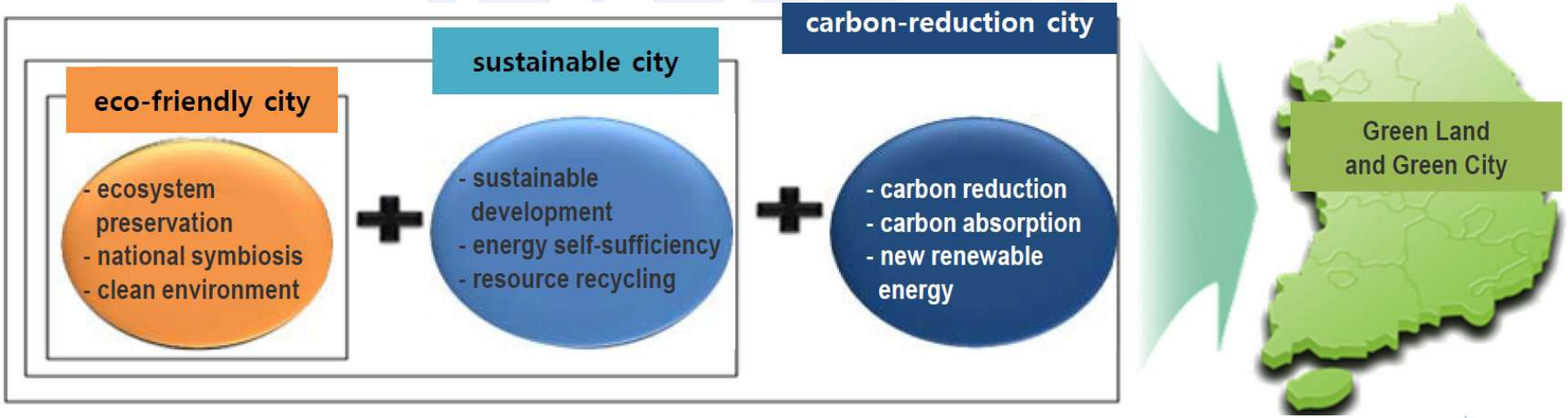
5 Wireless Internet Provision(plan)

6 Automatic power saving at night

Anyang - Pattern analysis of suspect vhicle through personal data

Low-Carbon Green City

- A city designed to reduce potential carbon emissions and absorb emitted carbon to actively respond to climate change issues
- **Green City Projects in Korea** commissioned by central government and conducted by municipal governments are 9 projects in total



Low-Carbon Green City - Wonju

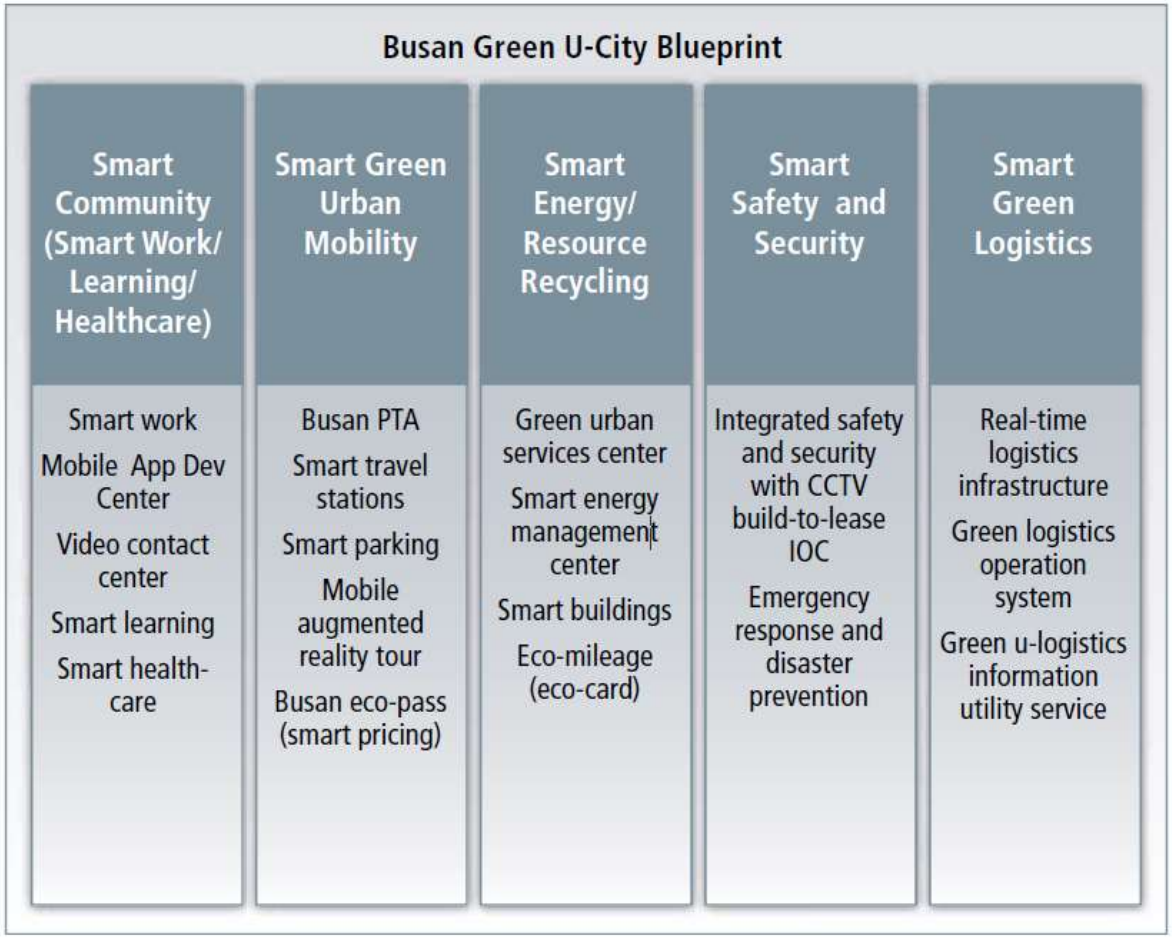
Low-Carbon Green City - Busan

using a **cloud-based infrastructure** delivered by a successful collaboration between the local government, the global technology supplier, Cisco, and South Korea's largest telco, KT.

Population: 3.6 million people in Busan, 4.4 million in metropolitan area

Area: 760km2

Gross Regional Domestic Product (GRDP): USD 50 billion



Sejong, Busan into Smart Cities

A meaningful platform where all the technologies and services born from the fourth industrial revolution can be realized.

- Test beds for the realization of smart cities by 2023
  - Sejong (the country's administrative hub)
  - Busan (the southeastern port city)
- Various innovative technologies
  - Ranging from autonomous vehicles to facial recognition systems

Press Release: January 2018

World Cities Project

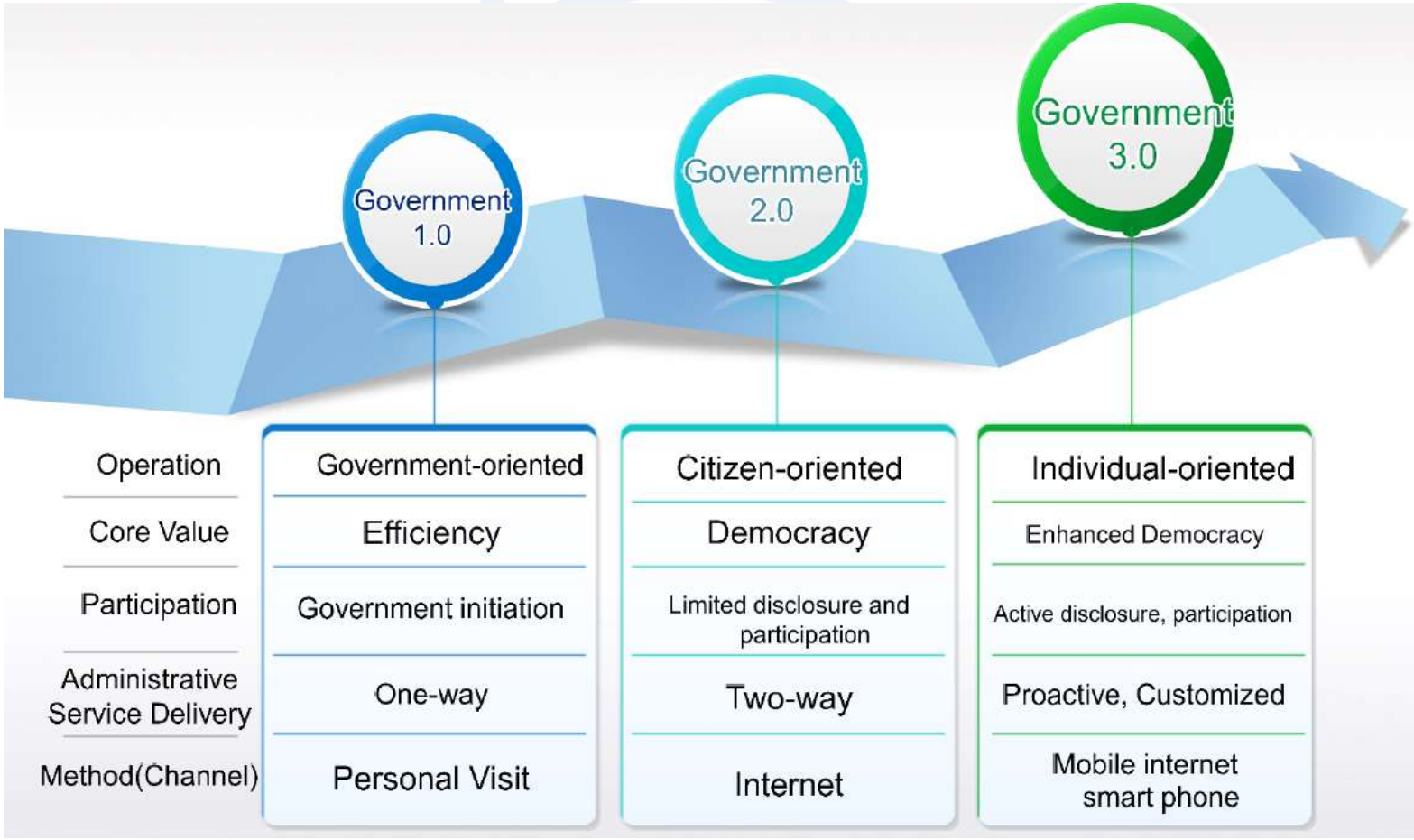
World Cities
EU – Third Countries Cooperation on Urban and Regional Development

- Busan, Seoul, Suwon and Gangju
  - **'triple-helix cooperation'** between governments, research and business

Press Release: March 2018

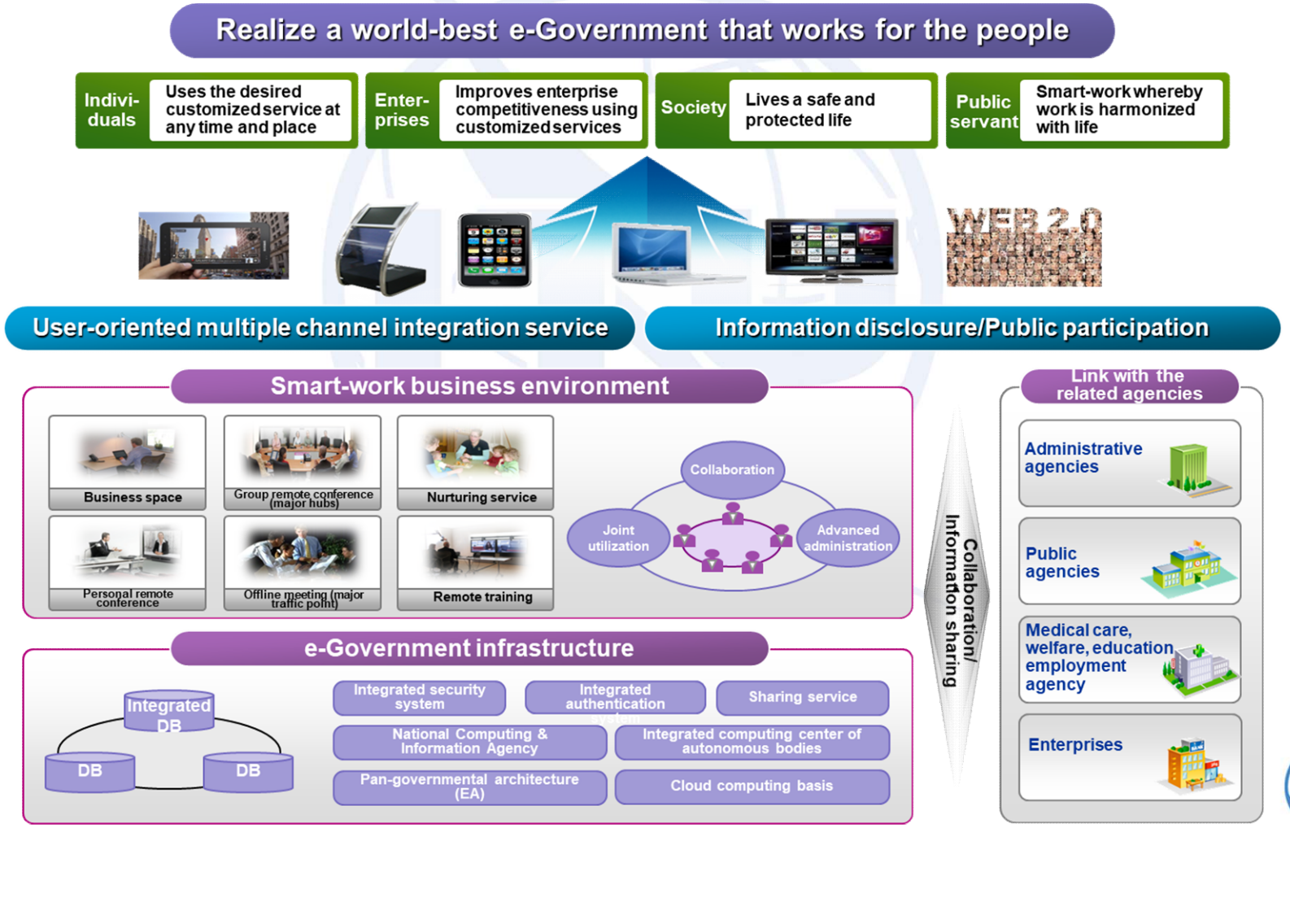
e-Government of Korea

The evolution of Government

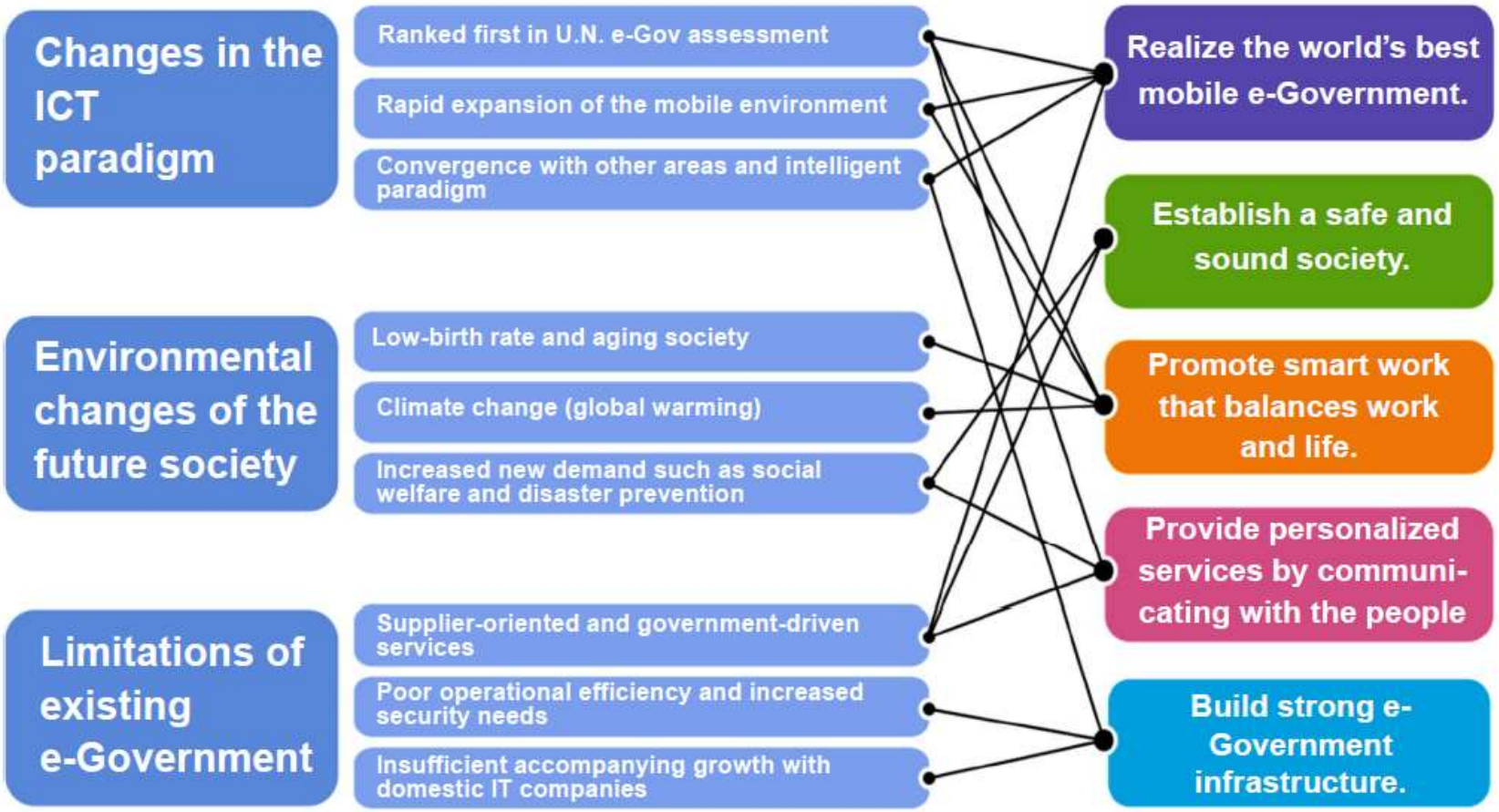


Government 3.0 of Korea

Smart Government in Korea



Five Agendas



e-Government Best Practices

- Government Integrated Data Center
- Government Information Sharing
- On-Nara Business Process System
- E-Procurement: KONEPS
- Online Civil Services: Minon24
- Information Network Village: INVIL

Government Innovation Master Plan

- Vision – Realizing a Government of the People
- Goal – Promote the Public Interest through Citizen Participation and Trust-Building

Published in March 2018

Key commitments

Social Value

1. **REFORM** the financial systems to pursue social values.
2. **ESTABLISH** personnel, organizational and performance evaluation systems that make a difference in citizens' lives.
3. **WORK** with citizens to make policies that meet their needs.

Participation and Cooperation

4. **PURSUE** an open government, fully disclosing information and sharing resources with the public.
5. **BREAK DOWN** silos for the government to work better.

A Trustworthy Government

6. **WORK** toward a fair and transparent public service that citizens want.
7. **CARRY OUT** citizen-centered innovation in four areas of data, creativity, regulatory reform and zero waste of resources.

Innovation in Government

- #1 – A shift toward a government which improves the quality of people's lives
- #2 – Participatory democracy where citizens are engaged in policymaking
- #3 – Winning trust from citizens through movement innovation

Korea e-Government Master Plan 2020

ITU