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Making Your Government Open Means Being Ready for Disruptive Technology

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OGP's Vision

Governments that are:

- More Transparent
- More Accountable
- More Responsive
- Ultimate goal: Improving the quality of governance, as well as the quality of services that citizens receive

Technology as an Enabler for Open Government

- Internet
- Open Data Portals
- Mobile Apps



- Transparency
- Accountability
- Citizen feedback and participation

The opening up of government processes, proceedings, documents and data for public scrutiny and involvements
-OECD

WHAT ARE CITIES DOING?



PITTSBURGH

- **Burgh's Eye View**
- Made data visual through a map and has improved citizens' user experience

MOSCOW

- **Active Citizen**
- Currently experimenting on using Blockchain-based voting

SEOUL

- **Big Data Campus**
- Opens government and private sector data to citizens for analysis and commercialization

JAKARTA

- **Open Data Portal**
- with 1,112 Datasets
- **Jakarta Smart City Lounge**

Moving Towards Data-Centric, Fully Digital, and Smart Government

Figure 1. Gartner's Digital Government Maturity Model

	E-Government		Open	Data-Centric	Fully Digital	Smart
Maturity Level	01 Initial	02 Developing	03 Defined	04 Managed	05 Optimizing	
Value Focus	Compliance	Transparency	Constituent Value	Insight-Driven Transformation	Sustainability	
Service Model	Reactive	Intermediated	Proactive	Embedded	Predictive	
Platform	IT-Centric	Customer-Centric	Data-Centric	Thing-Centric	Ecosystem-Centric	
Ecosystem	Government-Centric	Service Co-creation	Aware	Engaged	Evolving	
Leadership	Technology	Data	Business	Information	Innovation	
Technology Focus	SOA	API Management	Open Any Data	Modularity	Intelligence	
Key Metrics	% Services Online	No. of Open Datasets	% Improvement in Outcomes, KPIs	% New and Retired Services	No. of New Service Delivery Models	

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SOA = service-oriented architecture; KPIs = key performance indicators

Source: Gartner (July 2017)

Smart City as a Platform for Open Innovation and Urban Sustainability

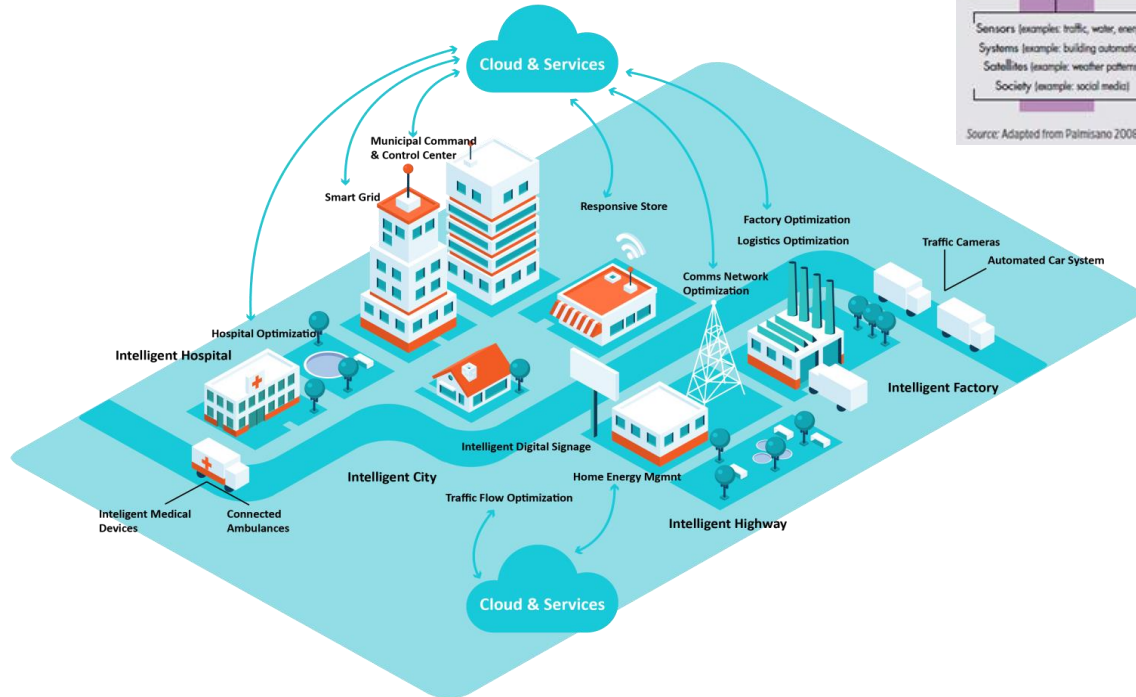
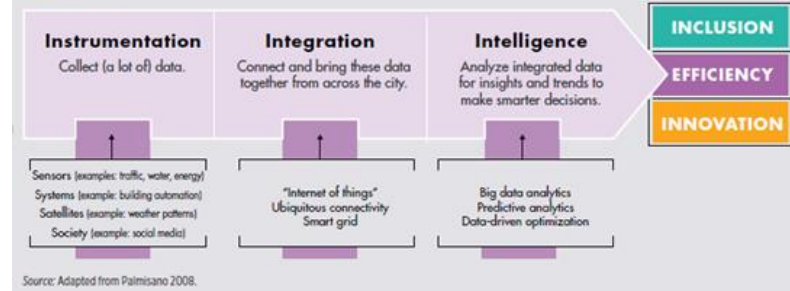


Figure F4.1 Smart cities: From data to intelligence



Going Forward: Disruptive Technologies and Solutions



INTERNET OF THINGS (IoT)

- The interconnection via the Internet of computing devices embedded in everyday objects, enabling them to send and receive data
- Devices collect data and allow for analysis on real time
- Opening the date is allowing for informed policy-making decisions with citizen input



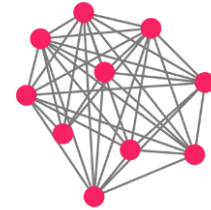
BIG DATA CAMPUS DATA MARKETPLACE

- Data generated by multiple entities such as government agencies, citizens and businesses
- Operations management data resulting from urban infrastructure and operations



CITY OPERATIONS CENTER

- Integrate data from different sectors and agencies
- Manage resources
- Be connected with citizens and address their concerns
- Realize transparency and accountability for city operations
- Optimize city growth and operations



BLOCKCHAIN

- Blockchain is a type of distributed ledger in which value-exchange transactions are sequentially grouped into blocks. Each block is chained to the previous and immutably recorded across a peer-to-peer network, using cryptographic trust and assurance mechanisms
- In use for record-keeping, voting, transaction records, and more