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ITU Green standards week

Innovating today for
a sustainable tomorrow_

Smart Cities Enable Smart Citizens

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Smart Cities Enable Smart Citizens

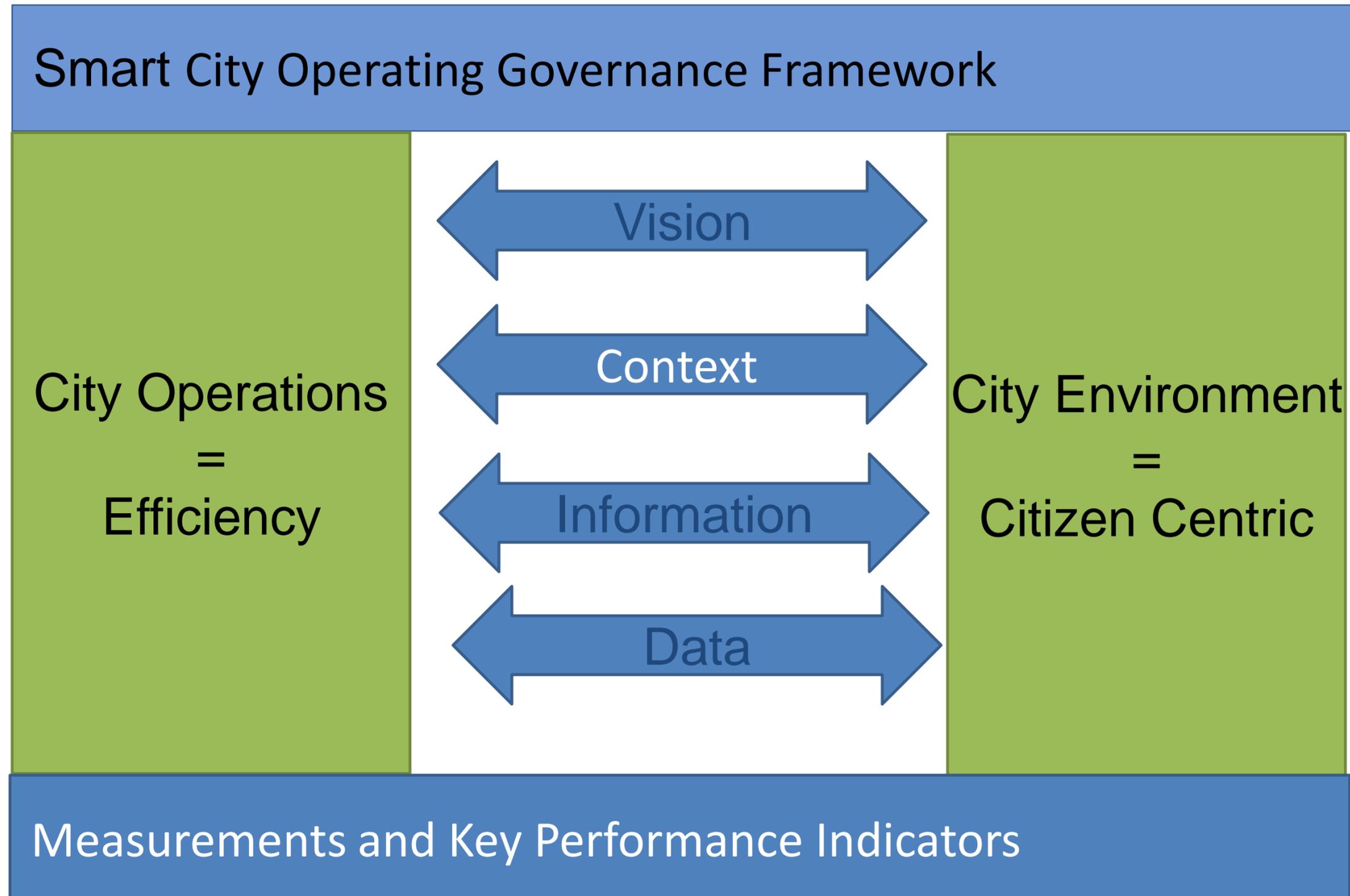
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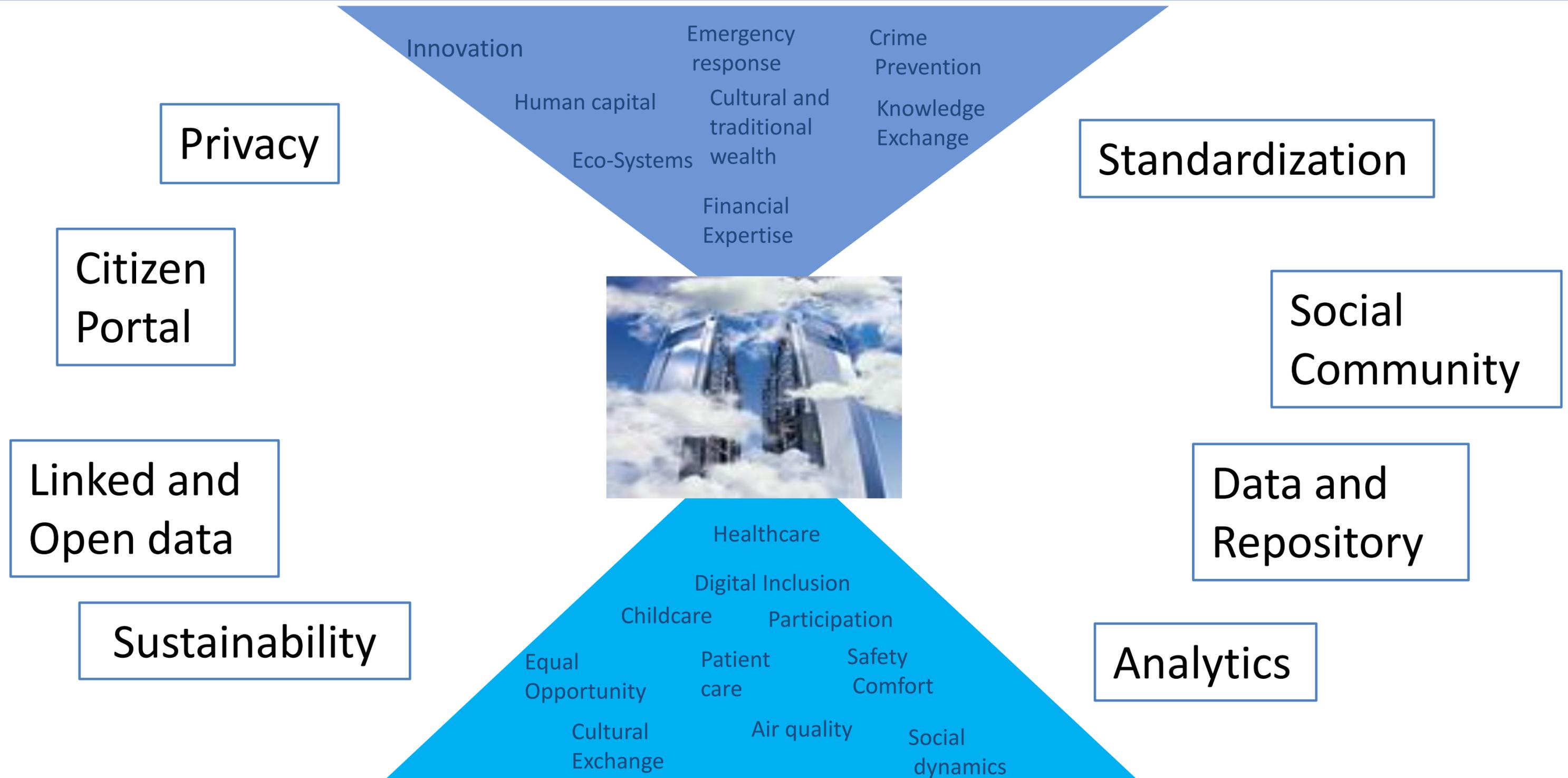
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Objectives and Requirements

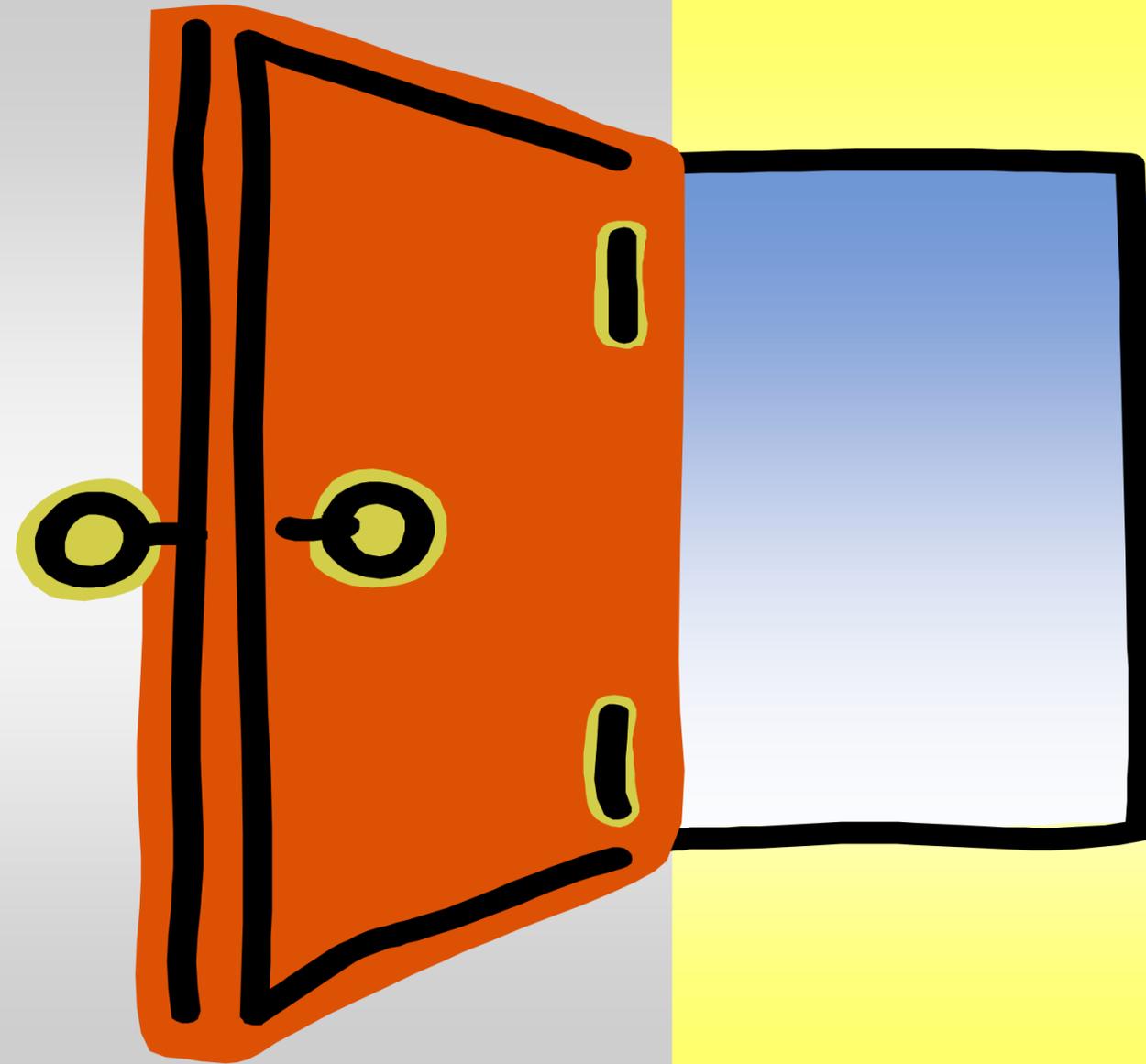


Identifying Best-in-Class Cities



Smart City Dilemma: Managing Multiple Domains

IT



OT

**How to manage technology interaction
(standards, security, governance) at the IT demarcation point?**

The Complexity in Smart City ICT

Architecture

- Fleets of Things
 - IE Standards, scalability, protocol stacks, tools, ...
- Future Proofing
 - IE Standards, architecture, design, ...
- IoT & Cloud
 - IE middleware, cloud services, consulting services, real time analytics, ...



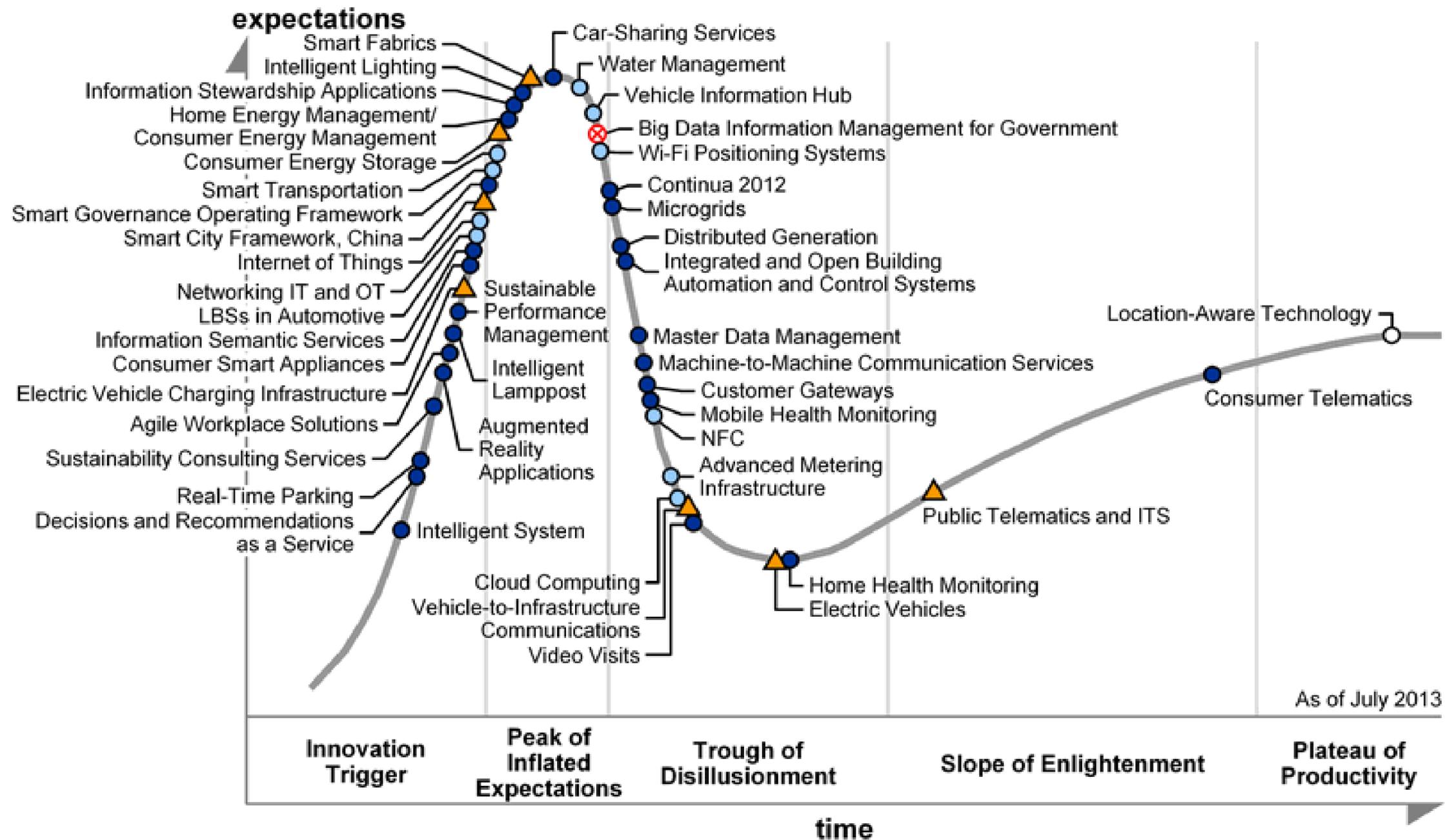
Policy

- Hype & Immaturity
 - IE Marketing, messaging, standards ...
- Privacy
 - IE Policy, ecosystem management ...

Products / Technology

- Devices
 - IE smarts, sensors, connectivity, ...
- Interoperability
 - IE O/S, stacks, tools, ...
- Security
 - IE Tools, OTA updates, authentication, ...

Hype Cycle Smart City Technology



Plateau will be reached in:

○ less than 2 years

● 2 to 5 years

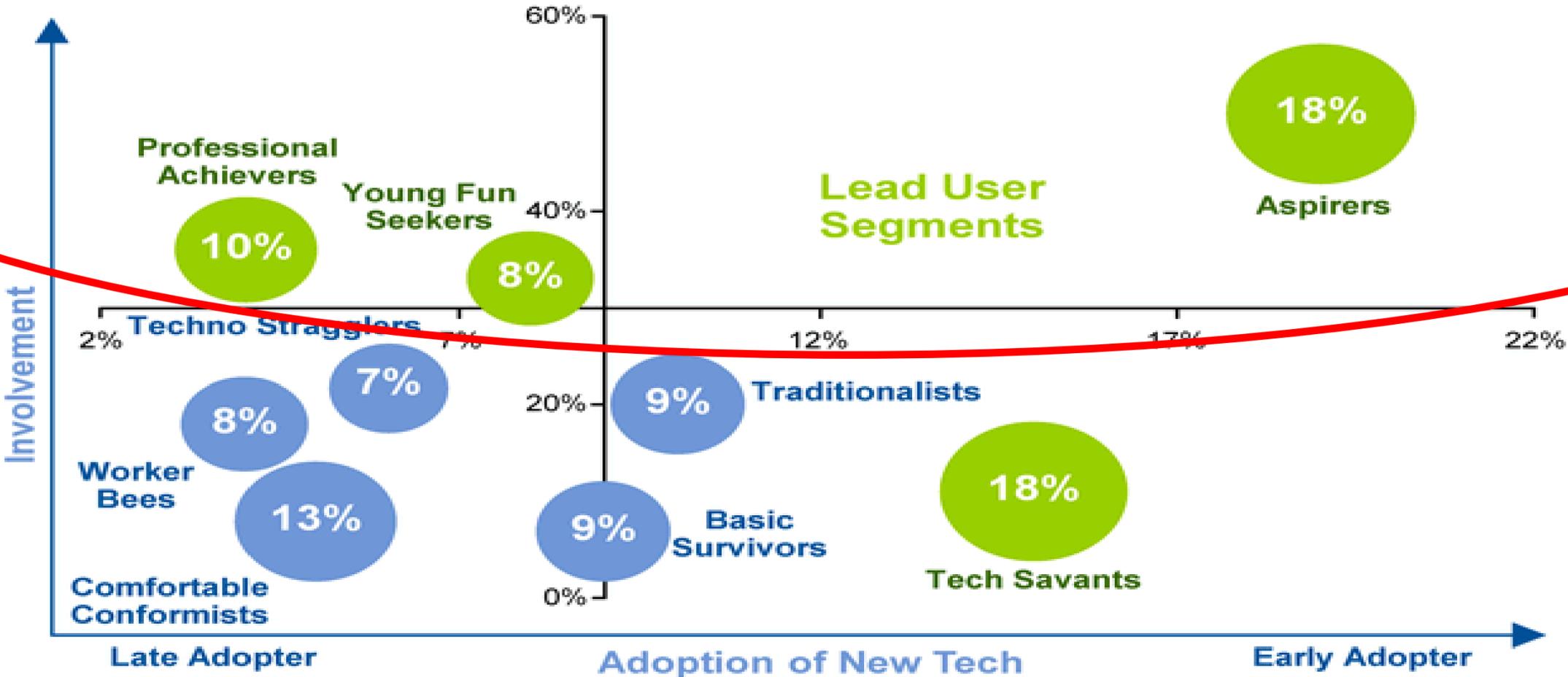
● 5 to 10 years

▲ more than 10 years

○ obsolete

⊗ before plateau

Citizen as Smart Consumers

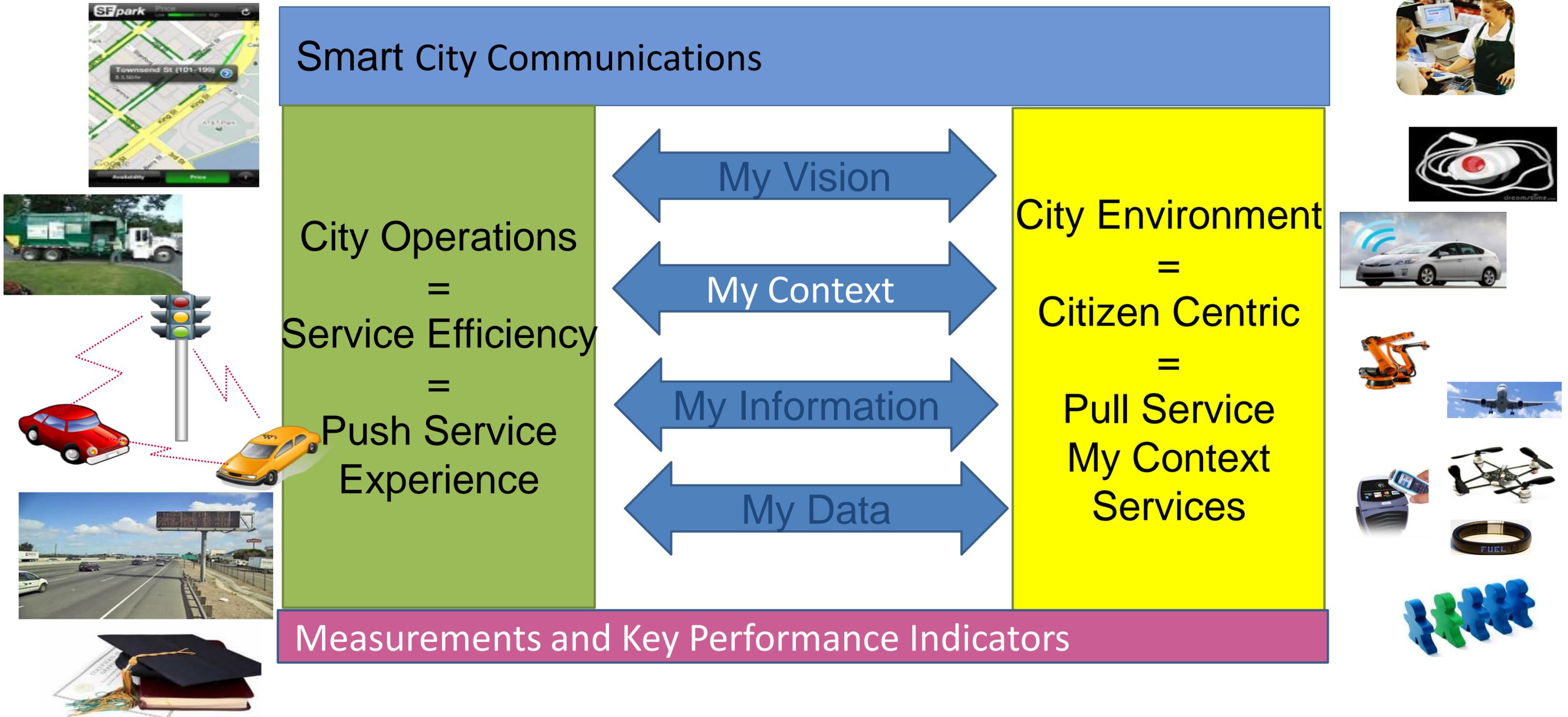


Trendsetters, social media, App store subscribers

Involvement = Consumer perception of importance or personal relevance of a product
 Percentages show proportion of each segment in global consumer market

Source: Gartner

What Means the Business of Urban for ME?



Recommendations

- Challenge technology investment plans and IT management practices on interoperability and sustainability principles
- Encourage a solutions based approach that maps an initiative to a citizen benefit immediately
- Consumerize “smart” services to address all citizen, supporting social inclusion
- Build a roadmap of ICT projects that present swift benefits to urban environment and citizens, and focus on the gradual integration of those in the broader smart ecosystem

Recommended Reading

- ✓ Market Trends: Smart Cities Need Tech-Smart Citizens to Succeed
- ✓ Hype Cycle for Smart City Technologies and Solutions, 2013
- ✓ Market Trends: Business Intelligence Platforms Key to Managing Big Data in Smart Cities
- ✓ 'Internet of Things' Deployments Pose a Challenge to Smart-City Information Strategies
- ✓ The Internet of Things Will Shape Smart Cities
- ✓ Cool Vendors in Smart City Applications and Solutions, 2013
- ✓ Innovation Insight: Smart City Aligns Technology Innovation and Citizen Inclusion

Thank you

