



## אנרגיה בעיר חכמה

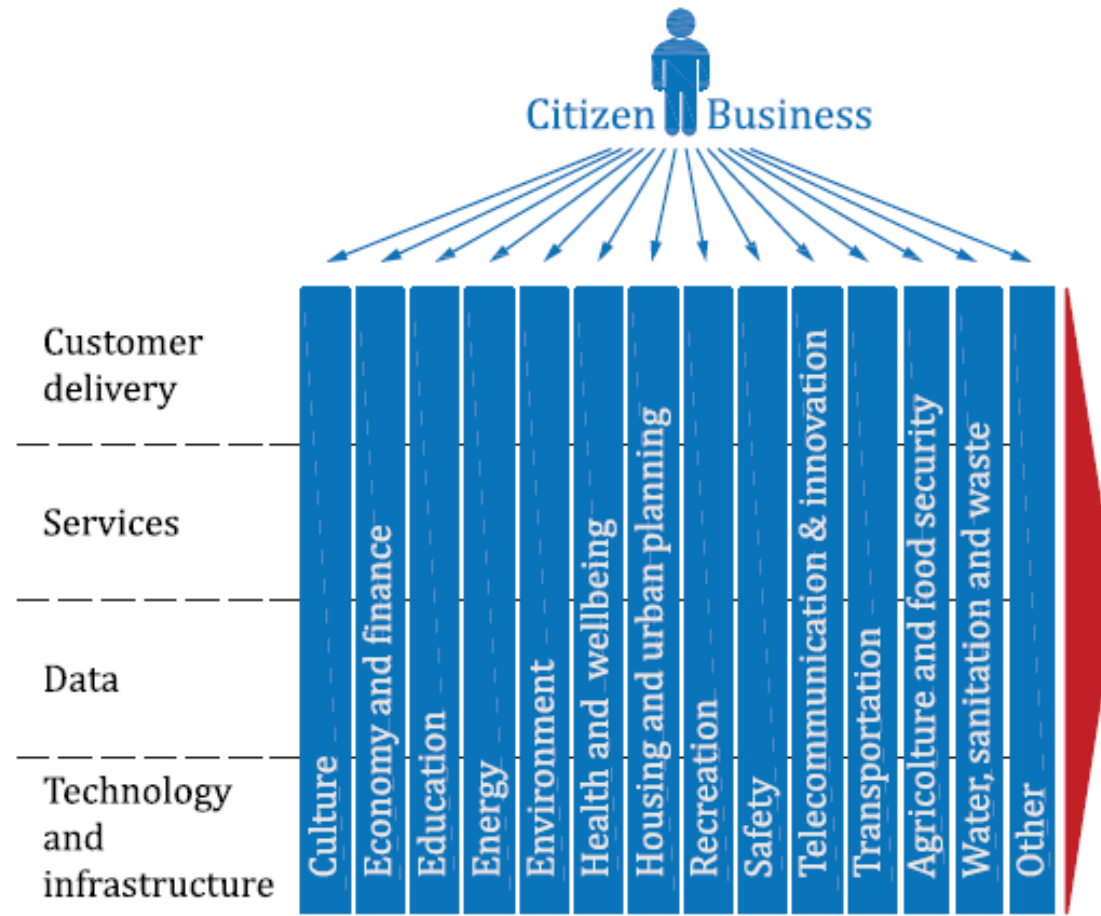
פורום האנרגיה, מוסד שמואל נאמן  
פברואר 2020

Elad Shaviv

CEO

The Israeli Smart Energy Association

# Traditional Operating Model: Where Cities Have Come From

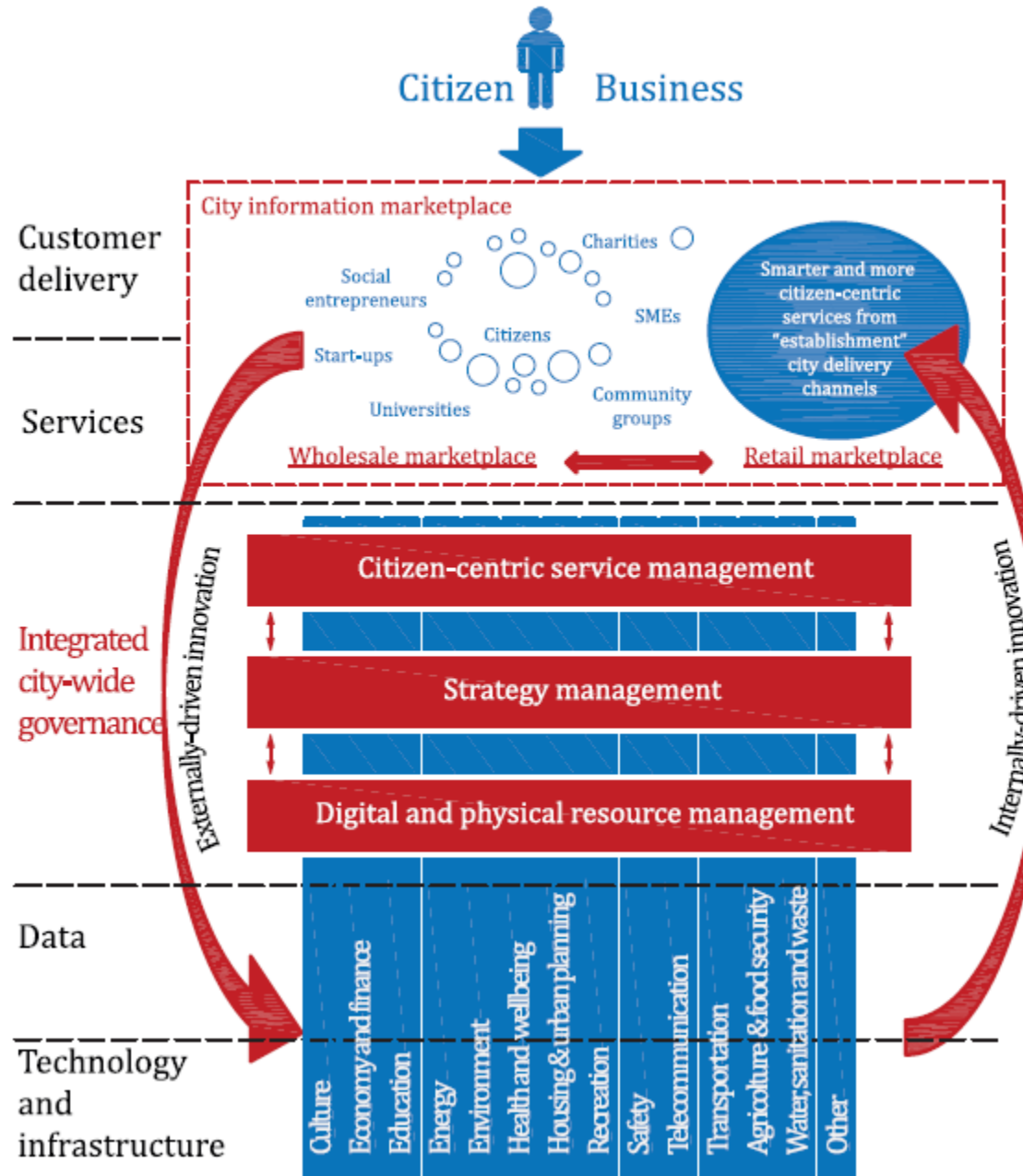


### Impact:

- Unconnected
- Not customer-focused
- Inefficient
- Closed systems, not open to externally-led innovation
- No ability to drive cross-system innovation
- No ability to drive city-scale change at speed

© ISO 2018, ISO/FDIS 37106:2018(E)

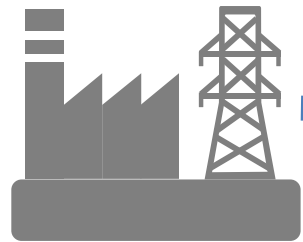
# Smart City Operating Model: Where Cities Are Moving To



## Impact:

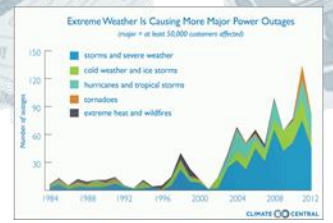
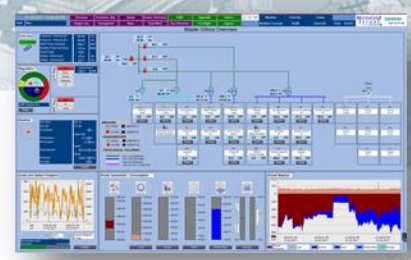
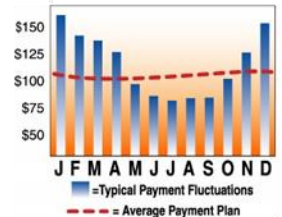
- City data unlocked from individual silos
- Logical separation of data, service and customer delivery layers
- Externally-driven innovation:
  - Enablement of new marketplace for city information and services
  - Citizens, SMEs and social entrepreneurs enabled to co-create public services and create new value with city data
- Internally-driven innovation:
  - Improved and integrated service delivery
  - Resource optimization
- Ability to drive city-wide change at speed

# Cities Legacy Power Infrastructure



# Cities New "Smart Power" Infrastructure

The collage features various components of smart power infrastructure: solar panels and wind turbines for renewable energy; Tesla powerwall and smart meters for energy storage and monitoring; data centers for smart grid management; and an electric vehicle charging station. A central graphic shows a red 'On' button and a green 'Off' button with a power symbol, indicating smart control capabilities. The background is a stylized city map with various landmarks labeled.





© 2018 Navigant Consulting, Inc.  
All rights reserved.

**Thank You**  
**[elad@isea.org.il](mailto:elad@isea.org.il)**  
**[www.isea.org.il](http://www.isea.org.il)**