Smart Cities Smart States

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What is the Smart Cities Concept?
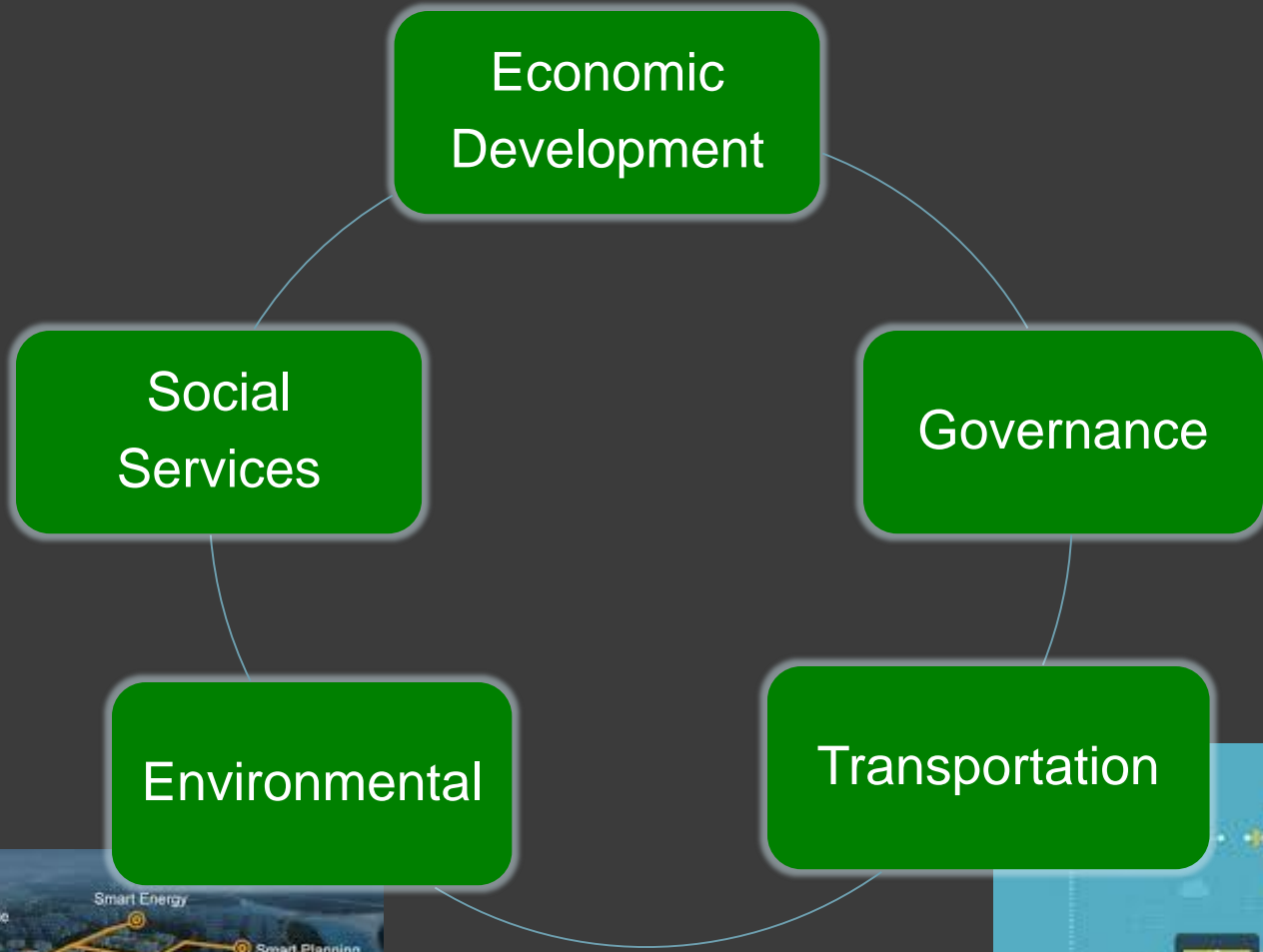
- The White House Smart Cities Initiative:

  *Technology is creating new opportunities to **reduce traffic congestion**, **fight crime**, **foster economic development**, **reduce greenhouse gases**, and **make local governments more open**, **responsive**, and **efficient**. Around the world, cities are beginning to harness the power of sensors, engage citizens equipped with smartphones, cloud computing, high-speed networks, and data analytics.*
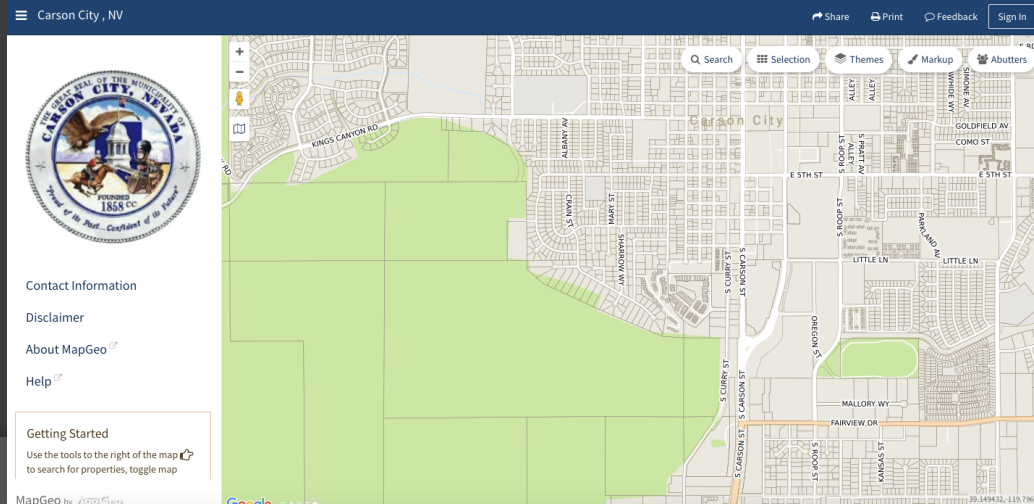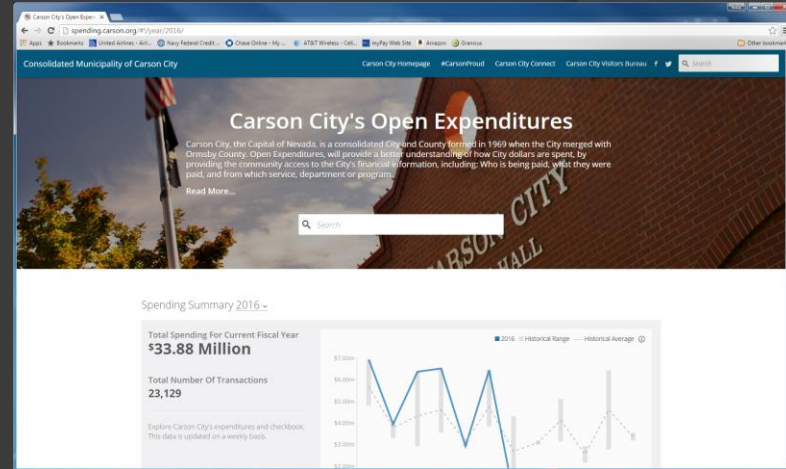
Focus Areas

Economic Development

Social Services

Governance

Environmental

Transportation

Economic Development

- Productivity
  - Support *aggregate economic growth* through Public Investments in infrastructure
  - Facilitate Private Sector *venture capital investing*
    - Crowdsourcing
    - Accelerator Funds
- Inclusivity
  - Develop Culture of *Entrepreneurship*
  - Business Incubators and Mentors
- Resiliency
  - Create a more sustainable urban core

Governance

- **Planning and Operations**
  - Urban Design
  - Smart Metering/Cameras/Sensors
- **Transparency**
  - Open Data/Geographic Information Systems
- **Efficiency**
  - Information Communications Technology (ICT)
  - Emergency Management
- **Citizen Participation**
  - Feedback
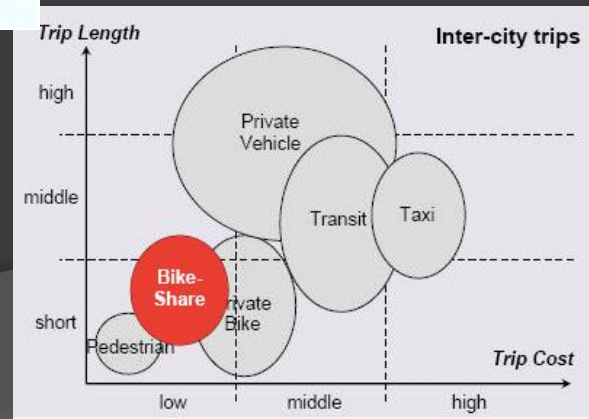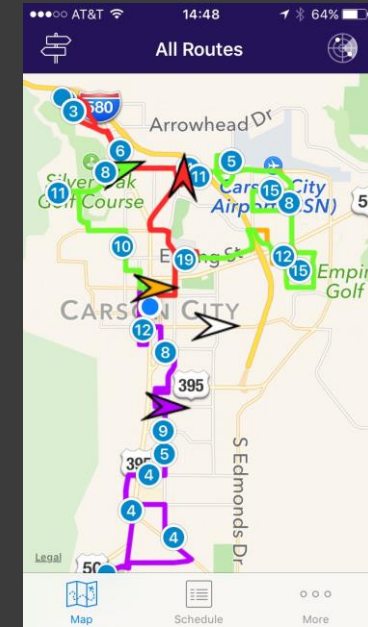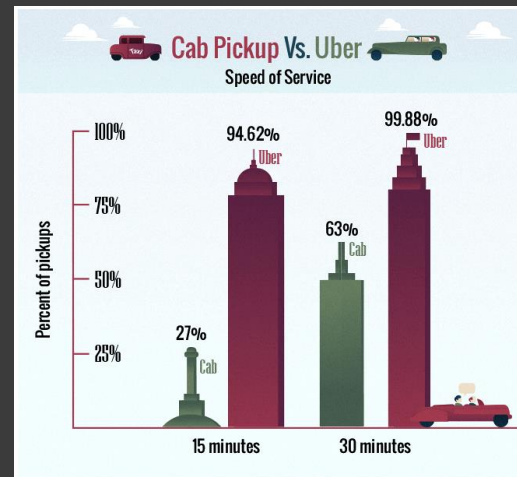 - Surveys

Social Services

- ◉ Targeted Social Programs
  - Engagement with at-risk communities
  - Community-wide needs assessment
- ◉ Health Care Delivery
  - Continuum of Care
  - Community Paramedicine
- ◉ Education
  - Targeted outreach to vulnerable populations

Transportation

- Multimodal Transportation Capability
  - Mobility as a Service
  - Smartphone-based Vehicle/Ride Sharing
  - Smart Vehicles/Smart Street Sensors
  - Bike Share

- Smart Para-Transit
  - Recent JAC Addition

Environmental

- Energy Reductions
  - Energy Conservation Measures
  - Energy Performance Contract
  - Smart Grid Measures
- Renewable Energy Sources
  - Wind, Solar, Geothermal
- Water
  - Water Conservation Measures
- Wastewater
  - Enhance wastewater treatment and re-use
  - Storm water run-off
- Municipal Waste
  - Diversion/Re-Use

Smarter City Concepts