

The background of the slide is a night photograph of a modern, multi-story office building with a glass facade. The building's interior lights are on, and the word "Bellevue" is visible vertically on the glass. In the foreground, there are trees and a road with long-exposure light trails from cars, creating streaks of red and white. The sky is dark blue.

BELLEVUE
SMART

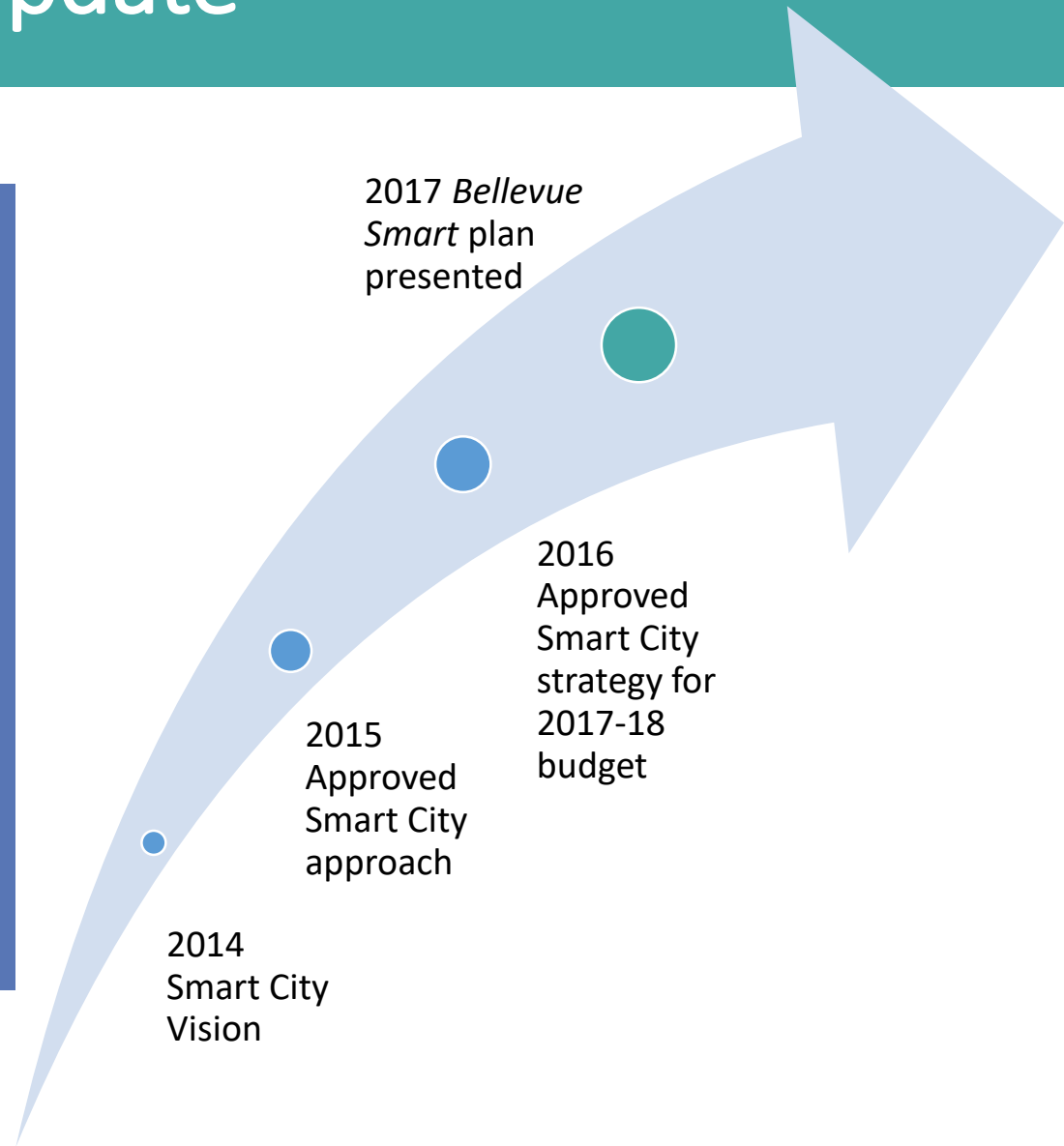
Planning for a Smarter City

June 19, 2017

Bellevue Smart Update

Council Vision

Bellevue is a “smart city” with a clean, high-quality environment and excellent and reliable infrastructure that supports our vibrant and growing city, including high-tech connectivity. The city has a connected multi-modal transportation system, which blends seamlessly with its buildings, plazas and parks..



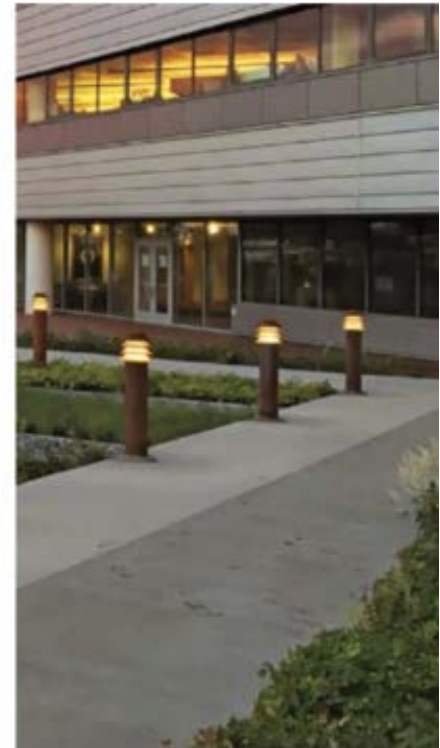
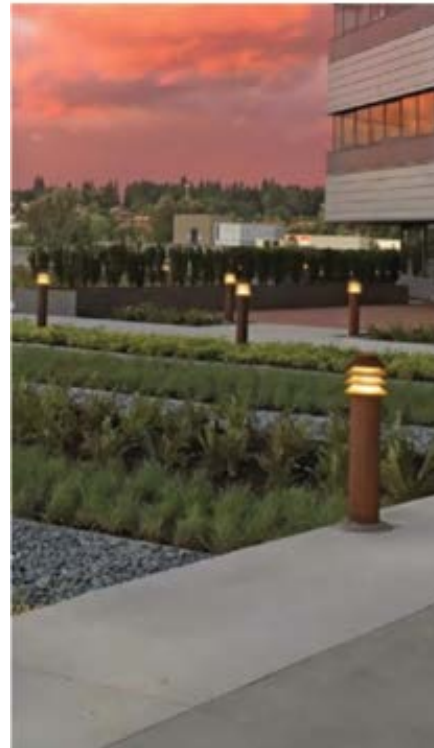
Desired Outcomes









- **Livability:** safety, health convenience, quality of life
- **Sustainability:** reducing waste, increasing efficiencies, protecting the environment
- **Resiliency:** effective emergency response, faster recovery

Principle Strategies

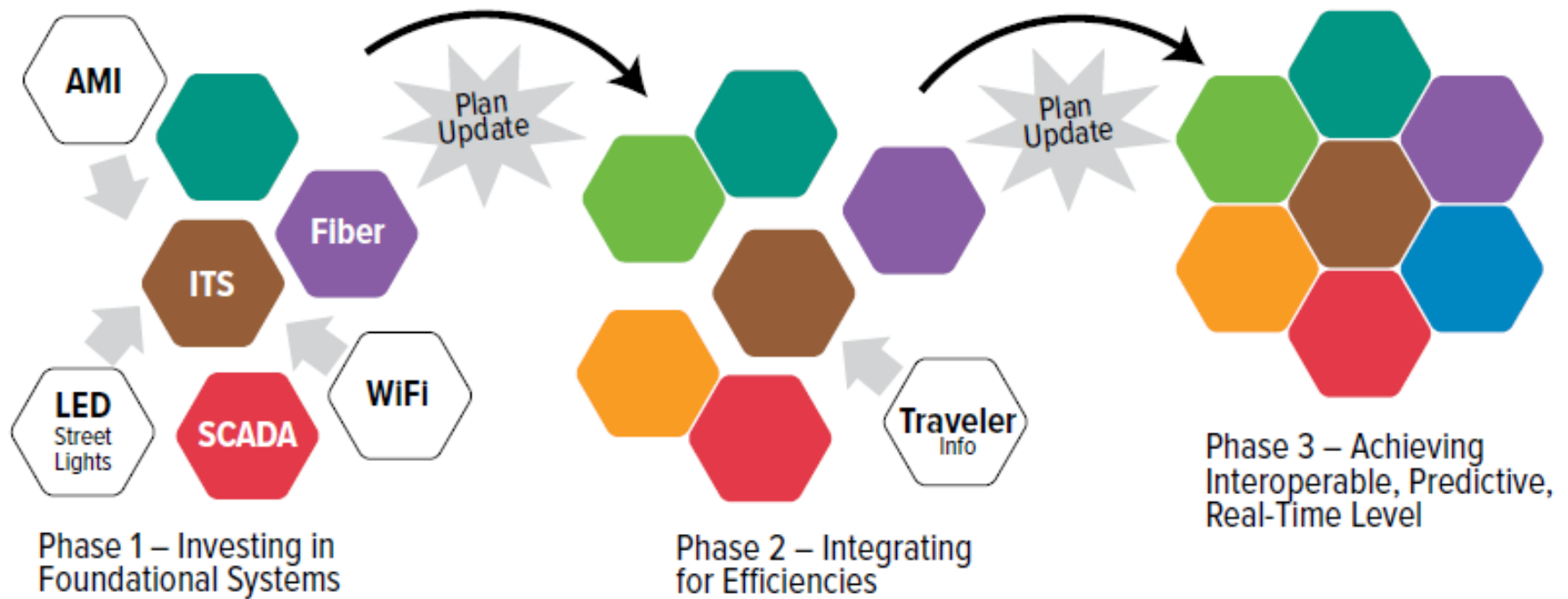
1. Adaptive
2. Data
3. Partnerships
4. Regional relationships



Smart City Element Goals

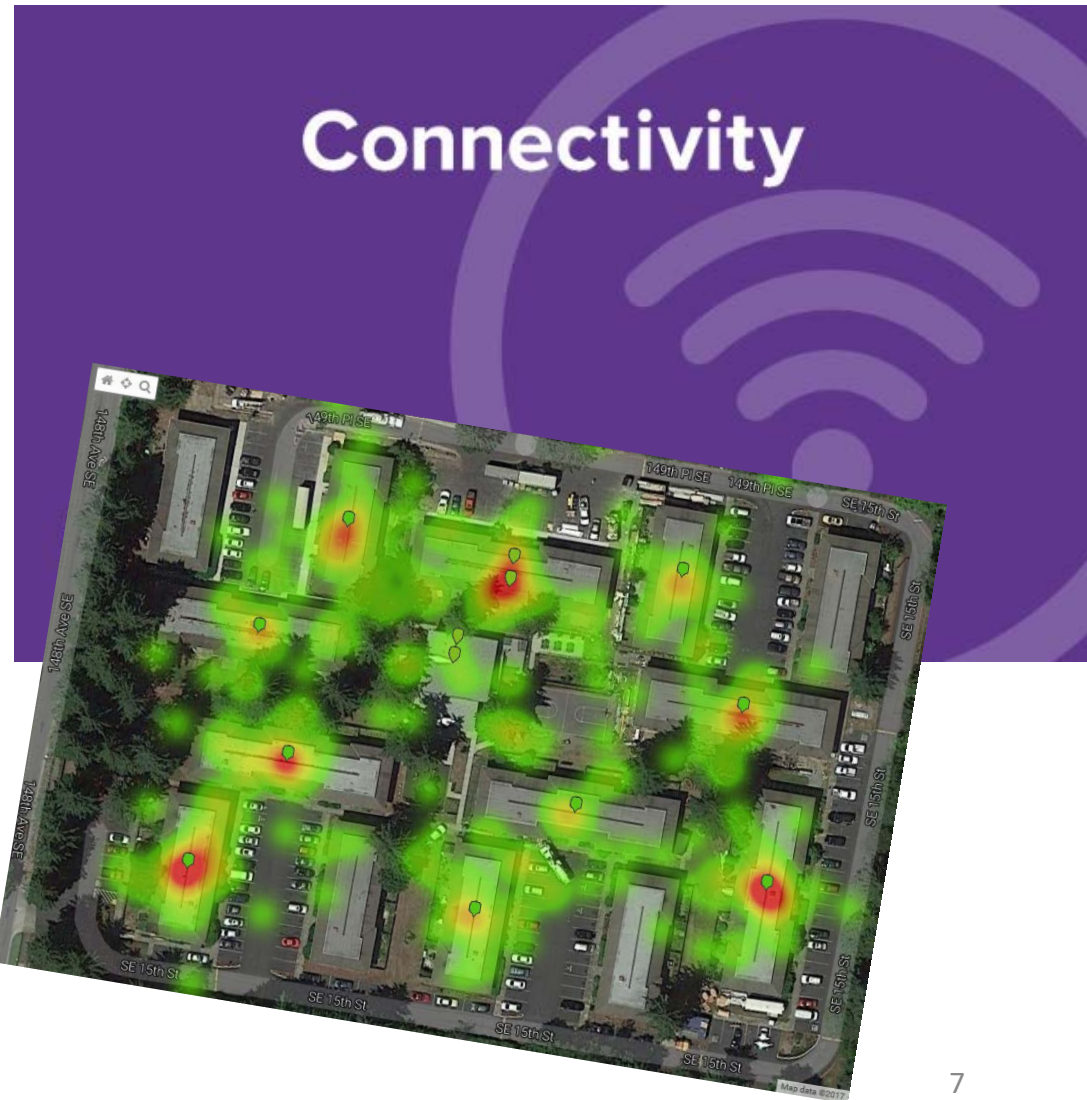
Connectivity Improve consumer services and communications infrastructure, through an emphasis on increasing high-speed communications 	Transportation Improve ways for people to move around the city safely and efficiently 	Public Safety Further integrate infrastructure, services, agencies, and personnel that Bellevue calls on to keep their residents and visitors safe 
Water Ensure high-quality delivery of water services to homes and businesses to minimize disruptions and increase customer service 	Buildings Enhance building systems and analytics to improve building systems performance and resource conservation and efficiencies 	Energy Improve and integrate energy systems to ensure sufficient, efficient and reliable energy that power all systems our modern digital society uses 

Phased Approach



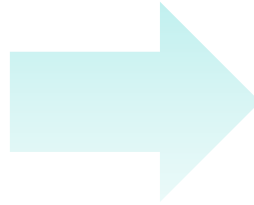
Progress: Expanded Public Wi-Fi

- Public Wi-Fi now available at Spiritwood Manor
- Partners: King County Housing Authority, Bellevue School District
- Wi-Fi available in Downtown, Crossroads, all community centers, City Hall



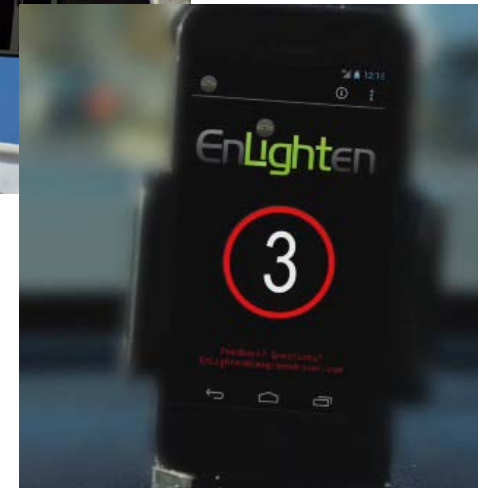
Progress: Intelligent Transportation System

1. Updating Intelligent Transportation System (ITS) Master Plan



13 Internal stakeholder groups, 70+ Needs identified

2. Progress on current ITS Initiatives



Progress: Transportation Partnerships

- Trans. Technology Partnership Manager

50+ meetings with partner agencies, product vendors, and industry experts

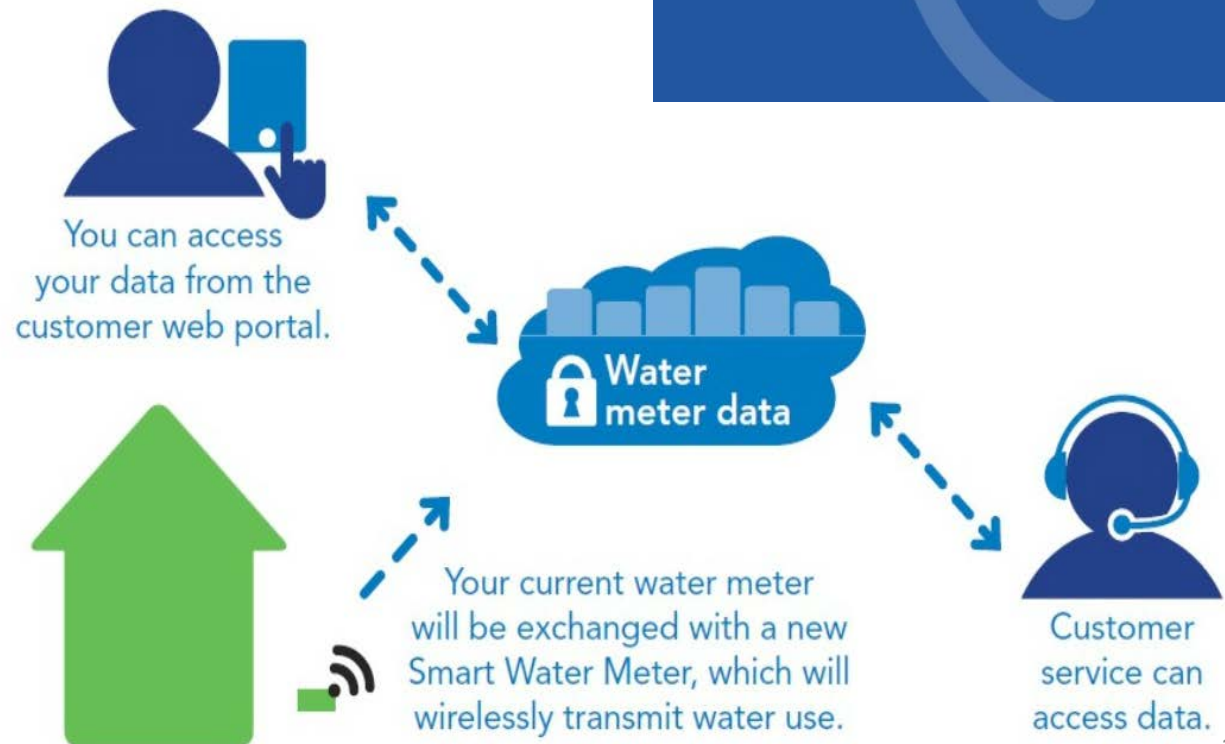
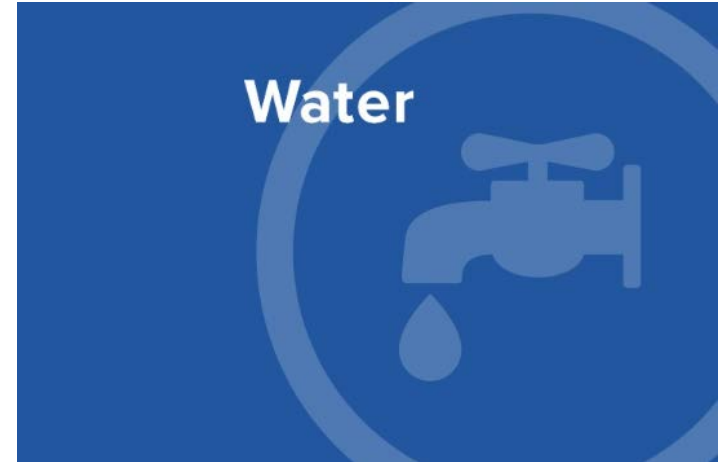


U B E R



Progress: Advanced Metering Infrastructure (AMI)

- Smart Water Meter request for proposal
- Community survey and focus groups
- Implementation planned for 2018-19



Progress: Smart Cities and Sustainability

- Urban Smart Bellevue
- \$17 million Washington state wide for electric vehicle infrastructure
- Awarded a \$500,000 Department of Energy grant to analyze greenhouse gas emissions trends



Questions?



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