

Smart Cities



Budget Worksession
September 7, 2016

What are Smart Cities ?



A Smart City leverages **data & technology** to improve the **quality of life for our residents**

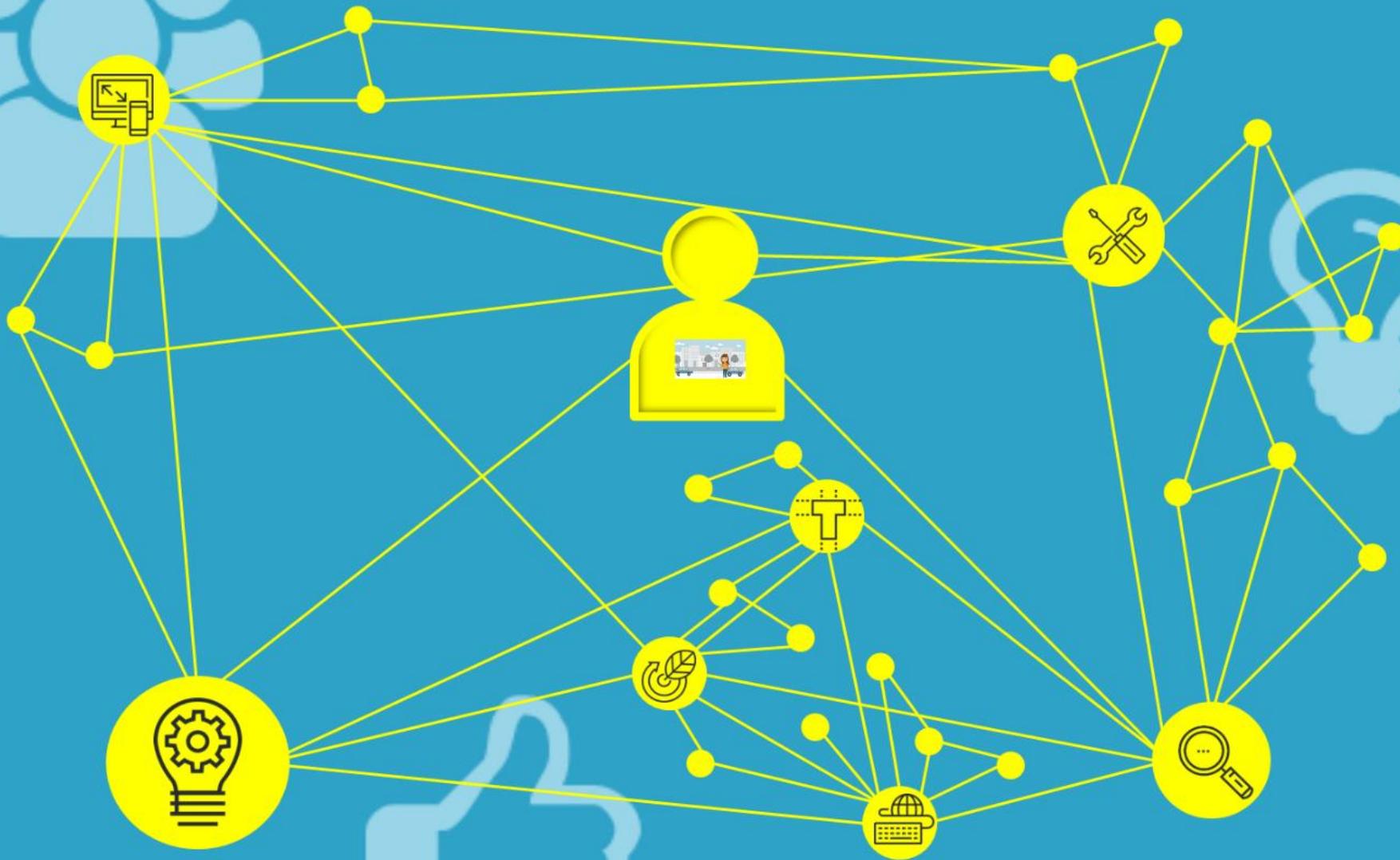


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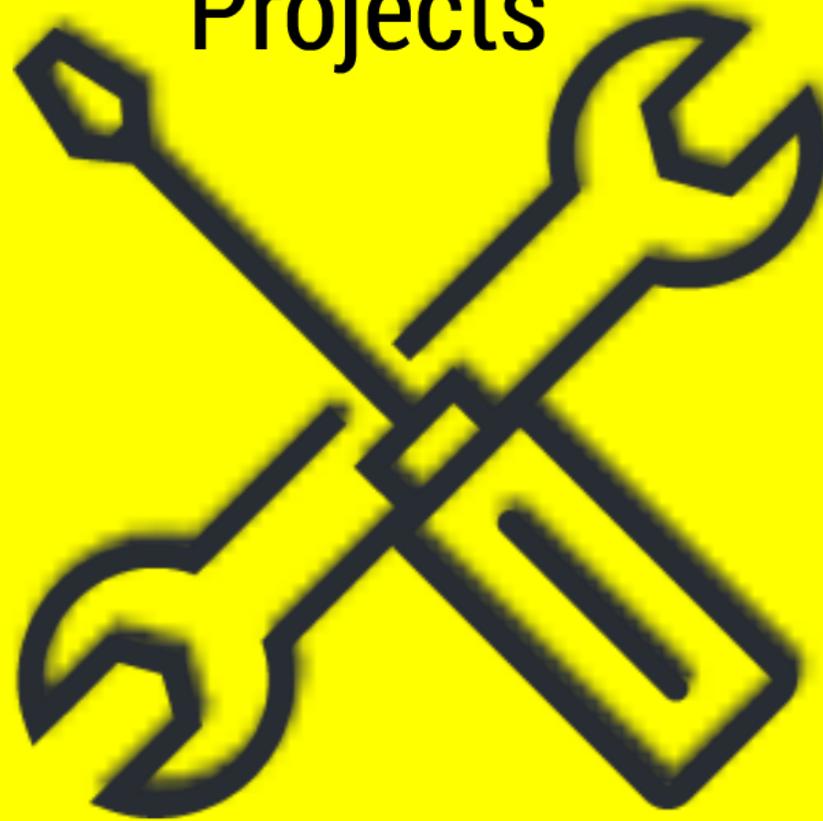


So, how do we get there?....

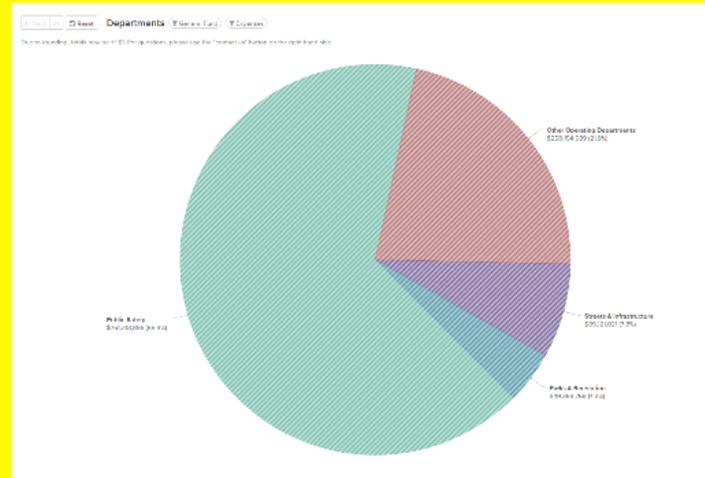
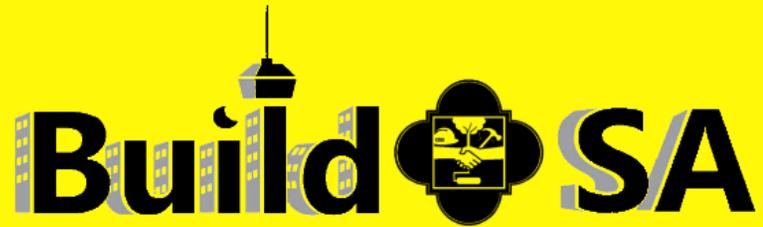


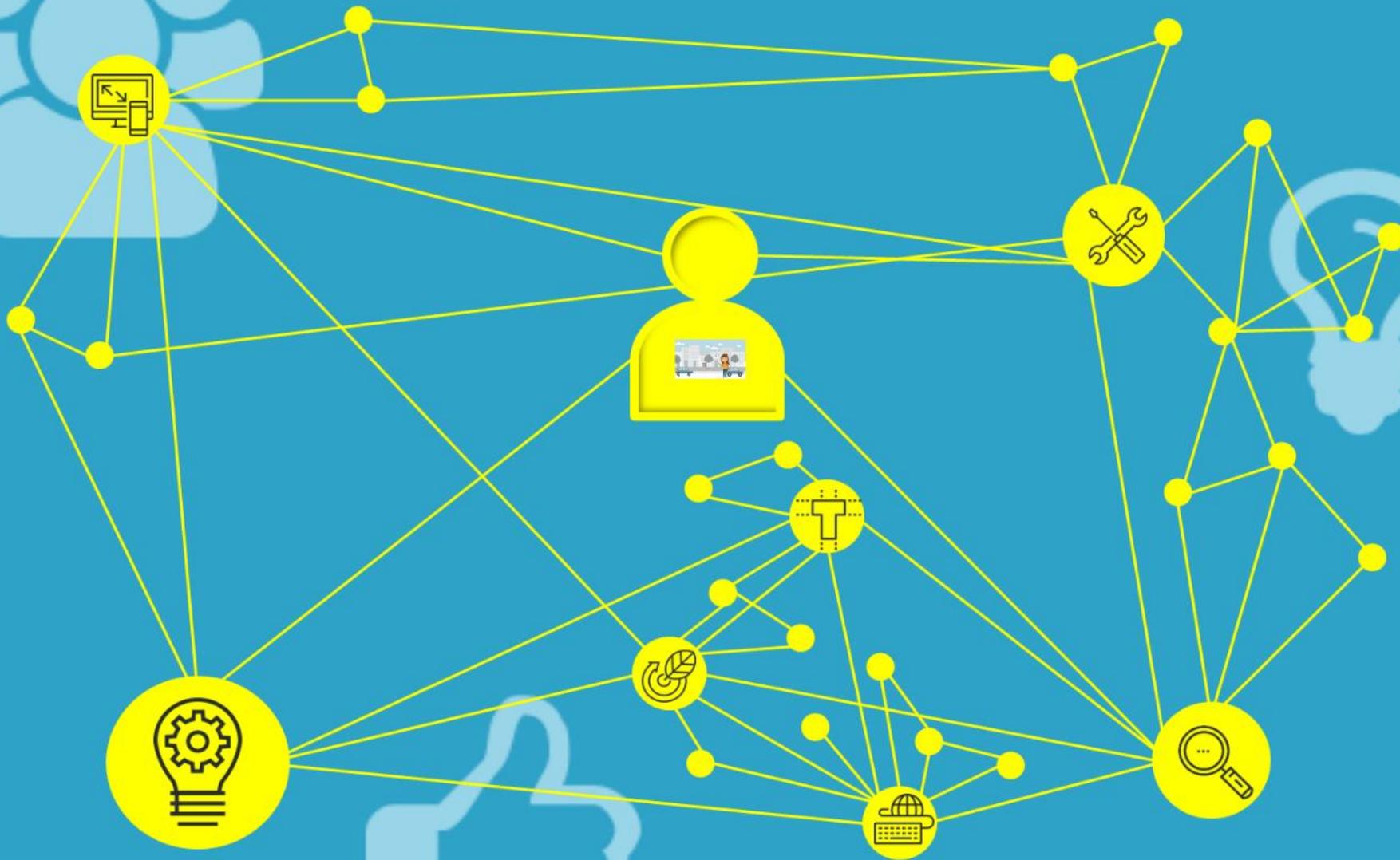


Past & Current Projects







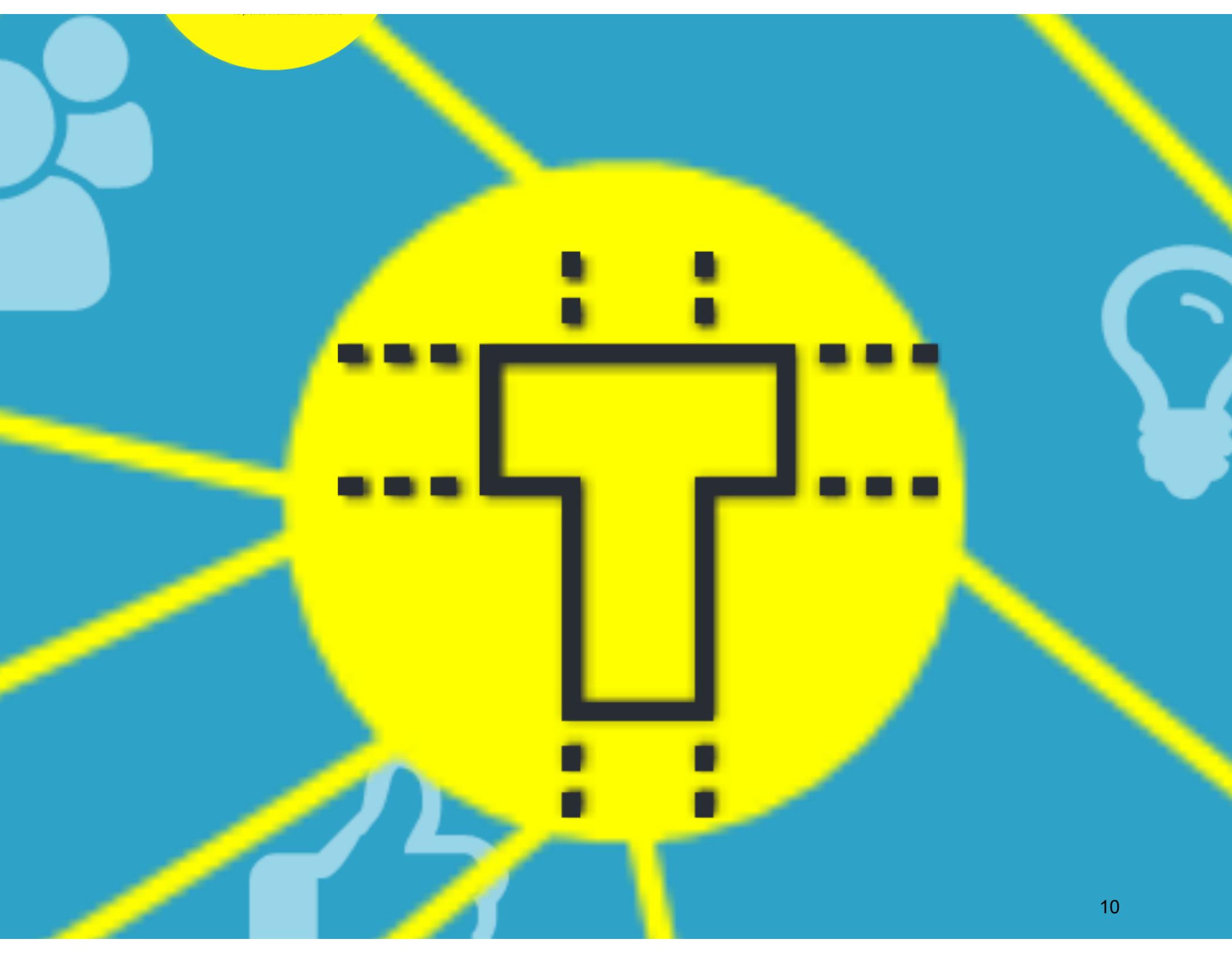


Focus Areas

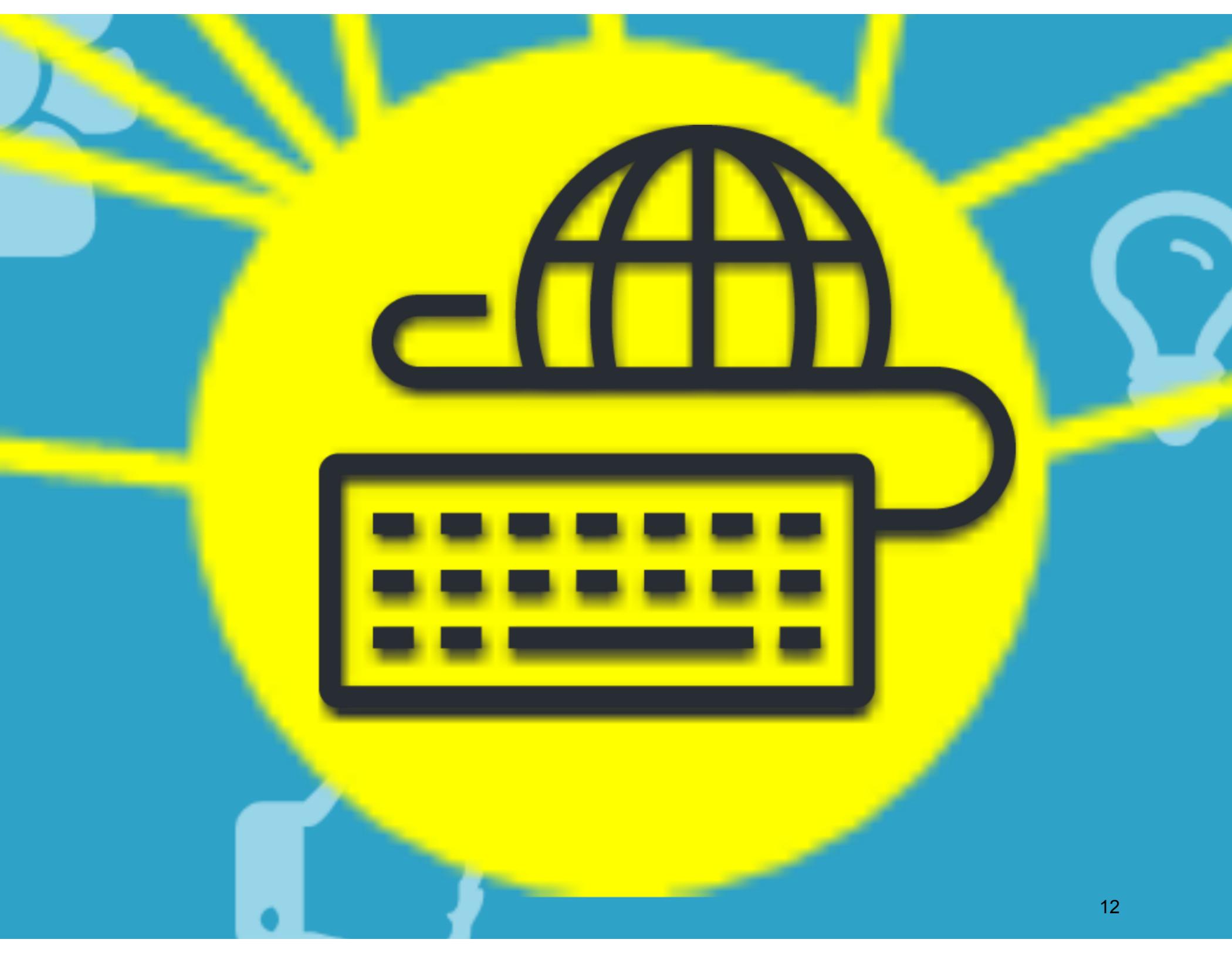


Goal Setting Session:
June 8, 2016









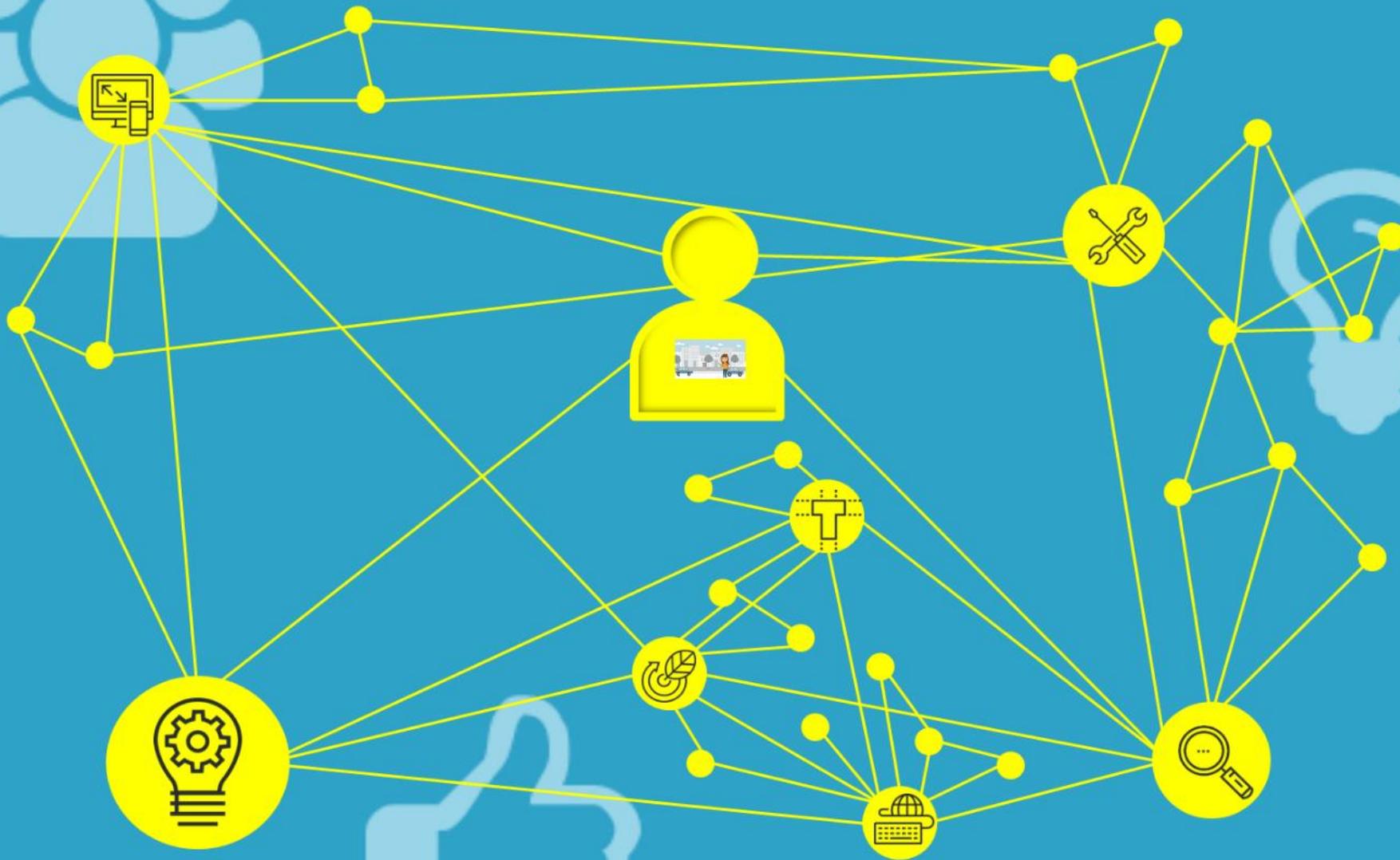
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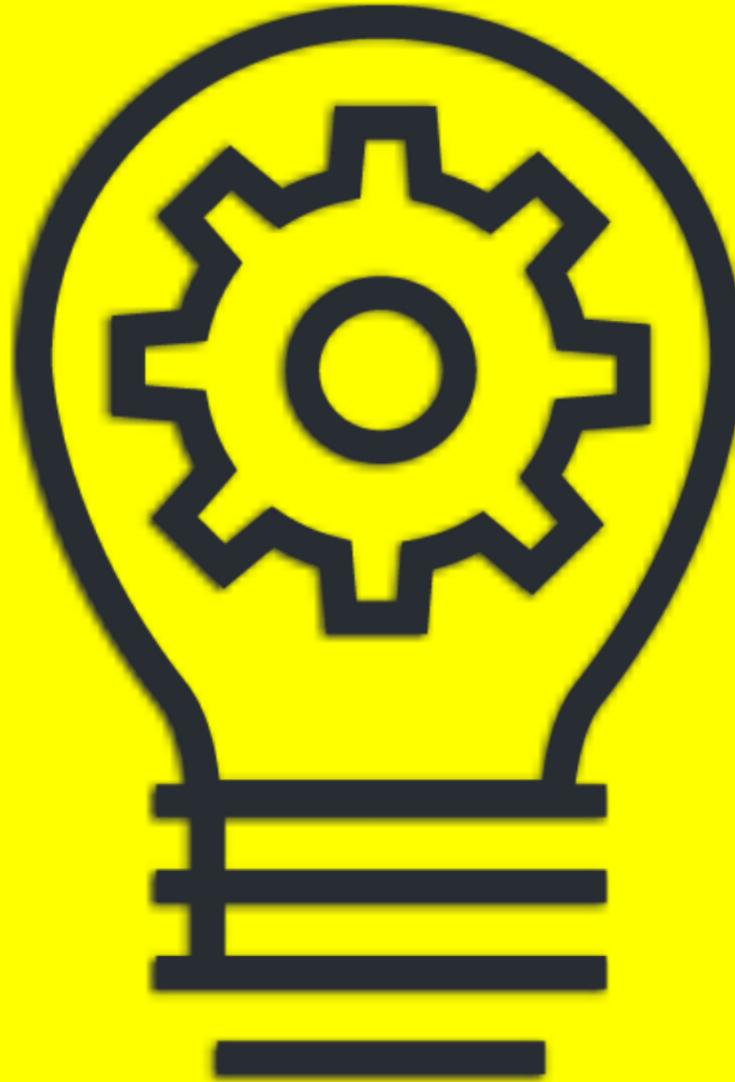
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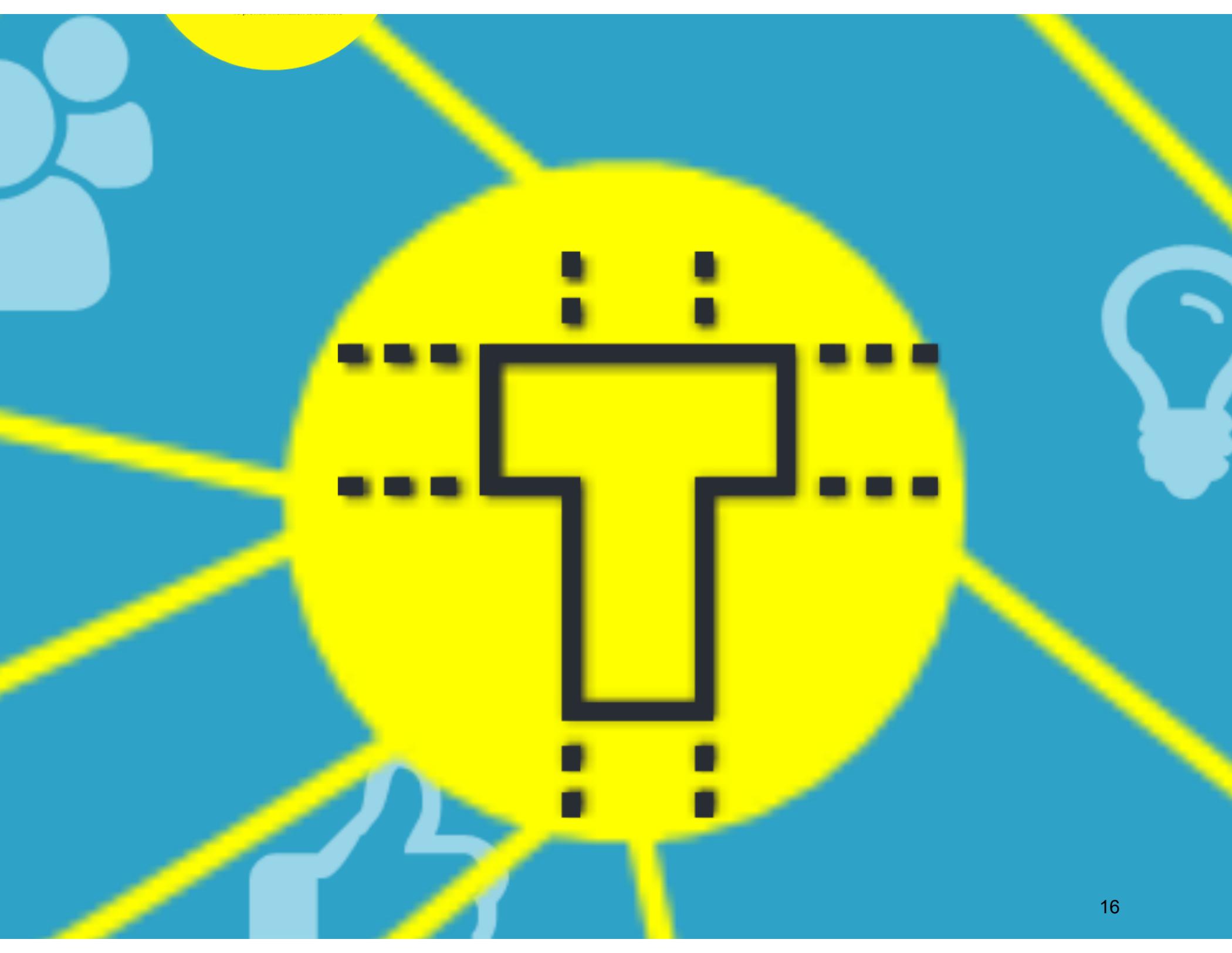


Smart**Cities**Council®
Livability | Workability | Sustainability



FY 2017 Projects





SATRIP

- \$1,500,000
- DOT Grant application
- Traffic improvements
 - Military Drive in the South
 - Blanco Road in the North
 - Collect real-time traffic data
- Pedestrian improvements
 - 5 intersections along Military Dr. & Blanco Rd.
 - Sensors to detect pedestrians in crosswalk & hold light until clear
- Highwater Detection improvements
 - 6 locations throughout the city
 - Signs to direct traffic prior to low water crossing
- Mobile App
 - To provide information to travelers



Parks App



- \$125,000
- Design of app & data collection
- Initial project to include linear creekways & 10 largest parks
- Wayfinding, amenity location, contact park steward, & calendar



LED Streetlights

- \$1,000,000
- Add additional LED streetlights in District 5



Drones



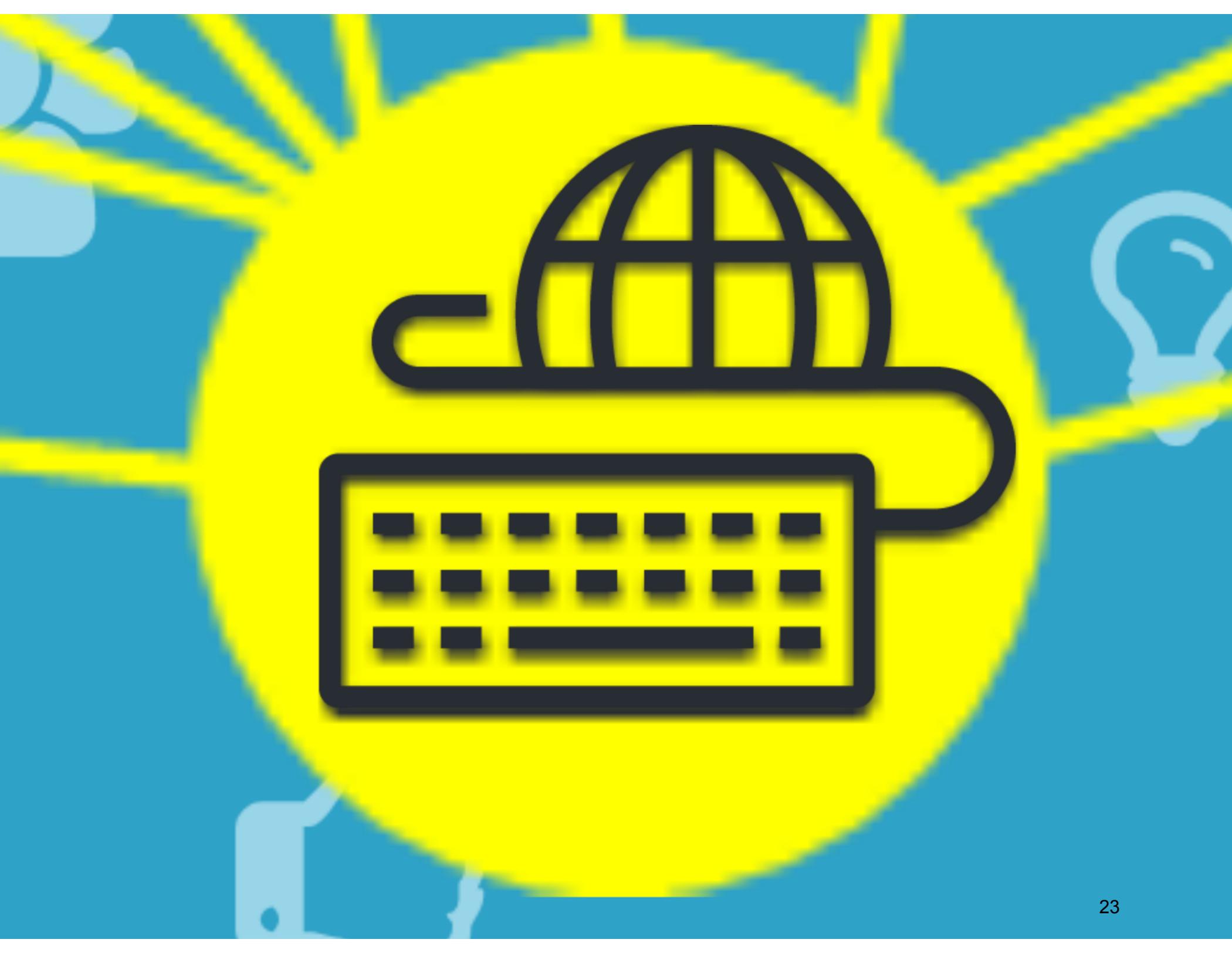
- \$100,000
- Purchase of three drones to assist the Fire Department search & rescue



Solar Benches



- \$150,000
- Pilot project
- Act as charging stations, can provide data collection & WiFi hotspots





WiFi in Parks

- \$2,000,000
- Provide increased coverage in 10 parks where users congregate (playgrounds, dog parks, pavilions)
- Coordinate with Councilmembers to select one park per district

Community Kiosks



- \$875,000
- Provide information on city services, current events, transportation, local businesses
- Serve as WiFi hotspots
- Exploring World Heritage Sites, Airport & Center City



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3-1-1 App

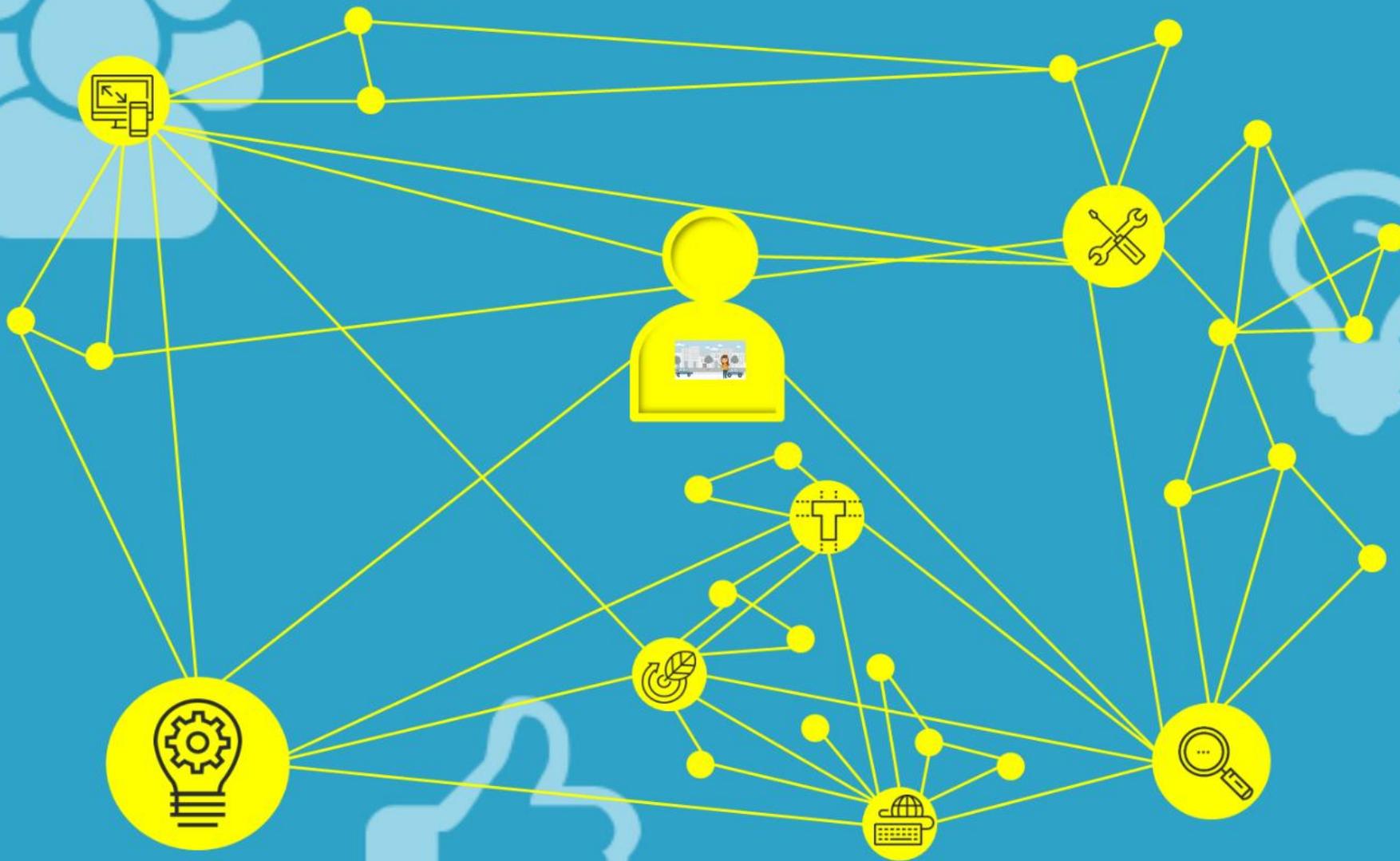


- \$50,000
- Creation of a user friendly app
- Includes potential for a social media or gamification element

Cameras for Illegal Dumping Enforcement



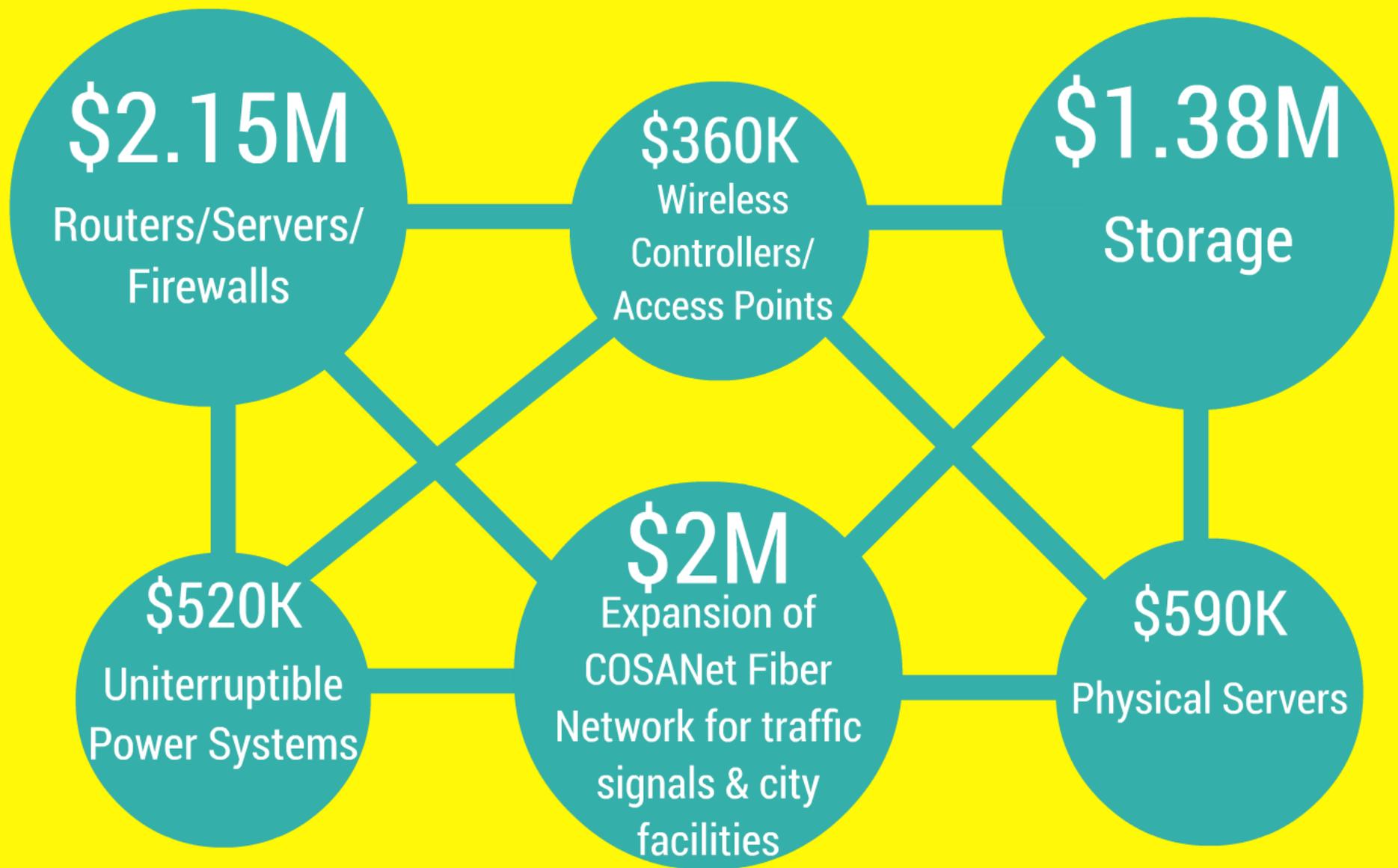
- \$100,000
- Piloted at 10 locations
- Code, Solid Waste & Police will work together on this program

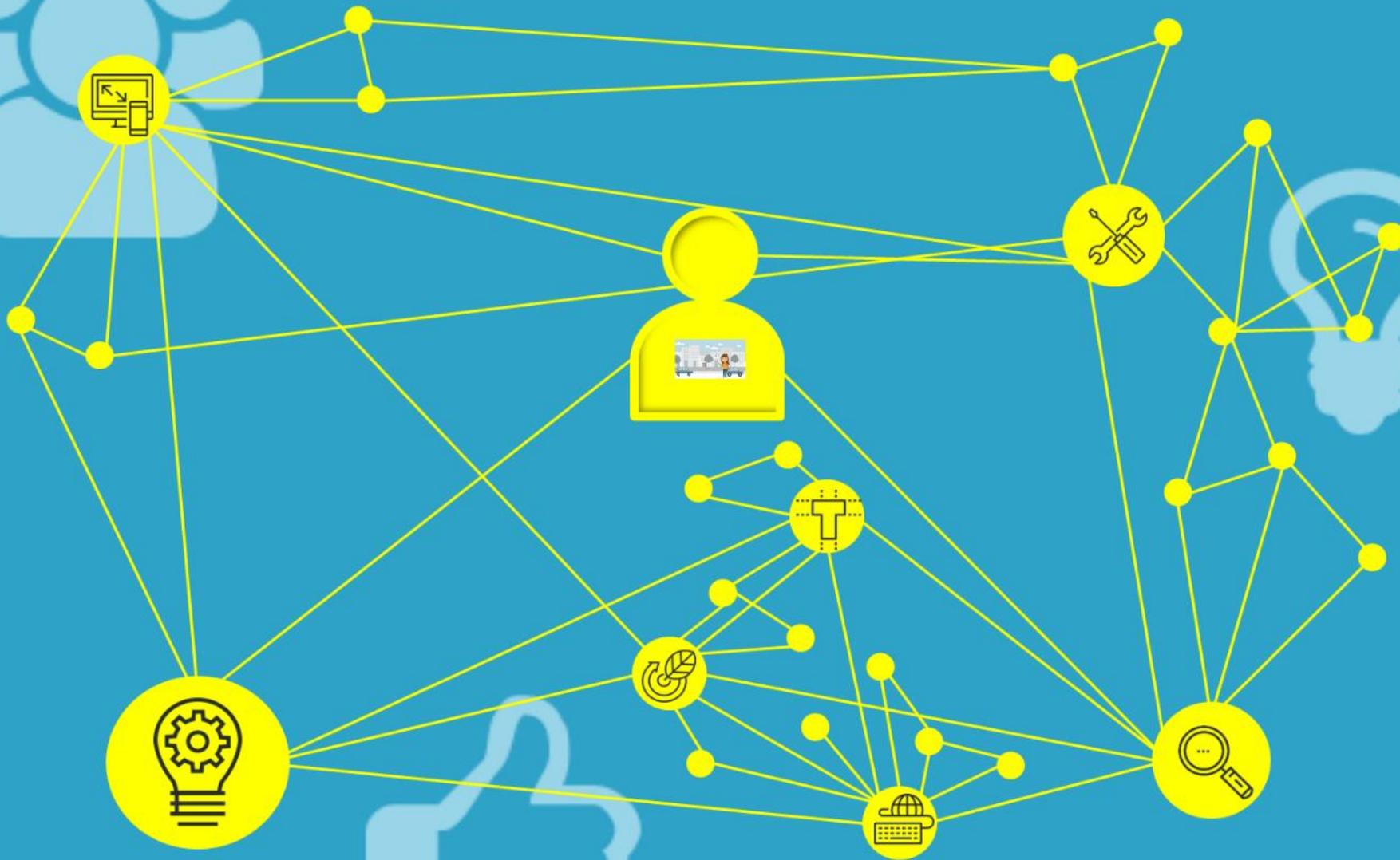


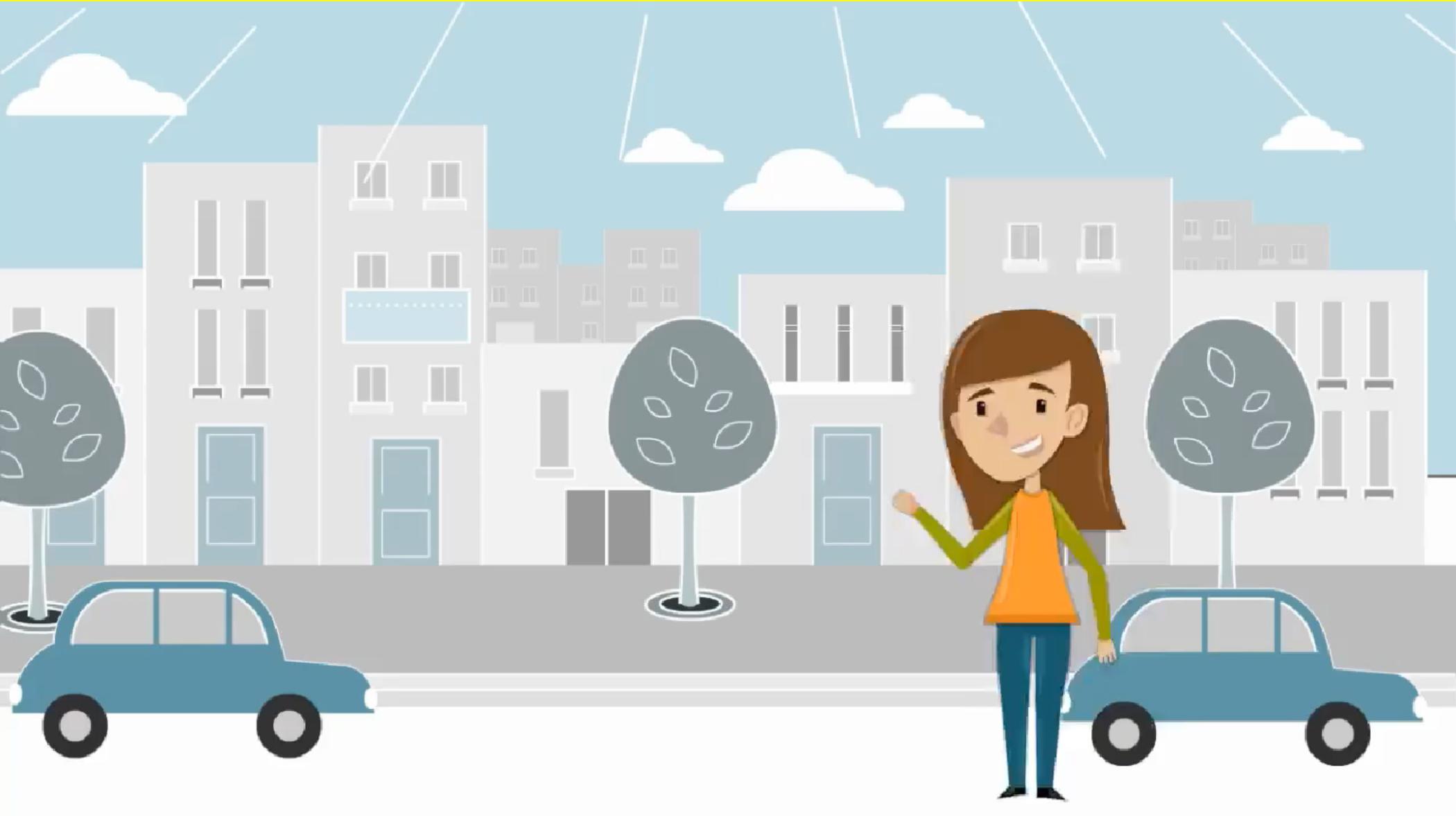
Technology Infrastructure Replacement



\$7M for Technology Infrastructure Replacement









San Antonio's Smart City Program

