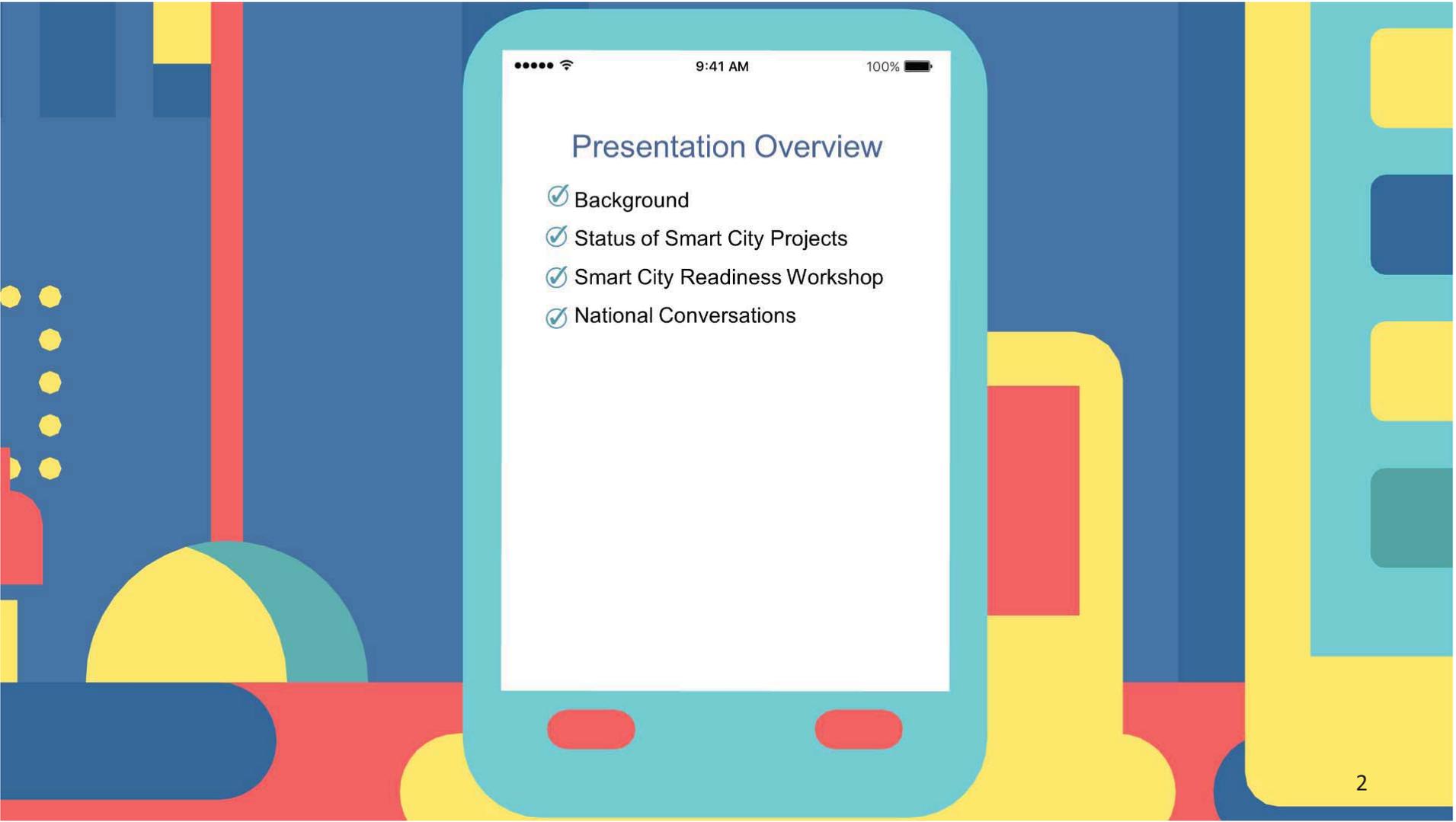


SMARTSA

Update on Smart City Initiatives City Council "B" Session

Presented by Jose De La Cruz, Chief Innovation Officer
April 5, 2017

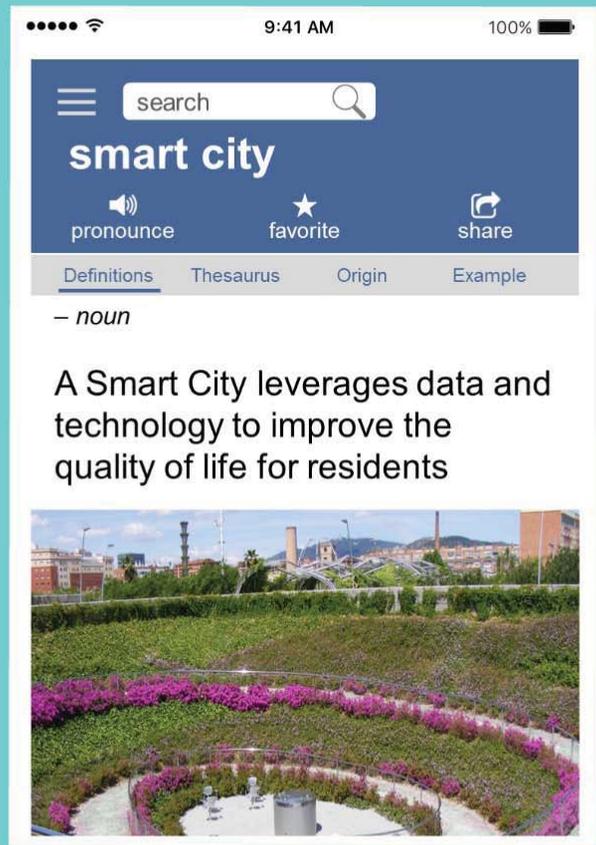




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Presentation Overview

- ✓ Background
- ✓ Status of Smart City Projects
- ✓ Smart City Readiness Workshop
- ✓ National Conversations

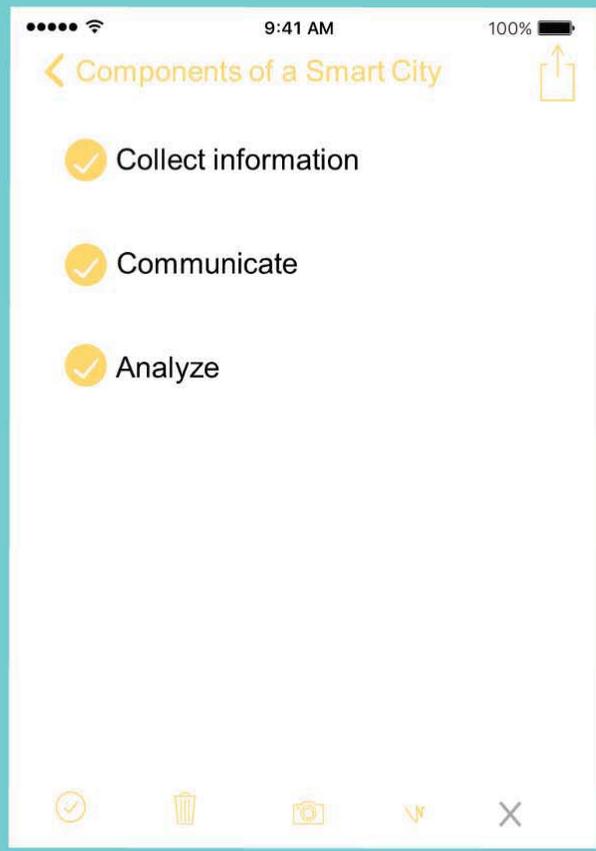


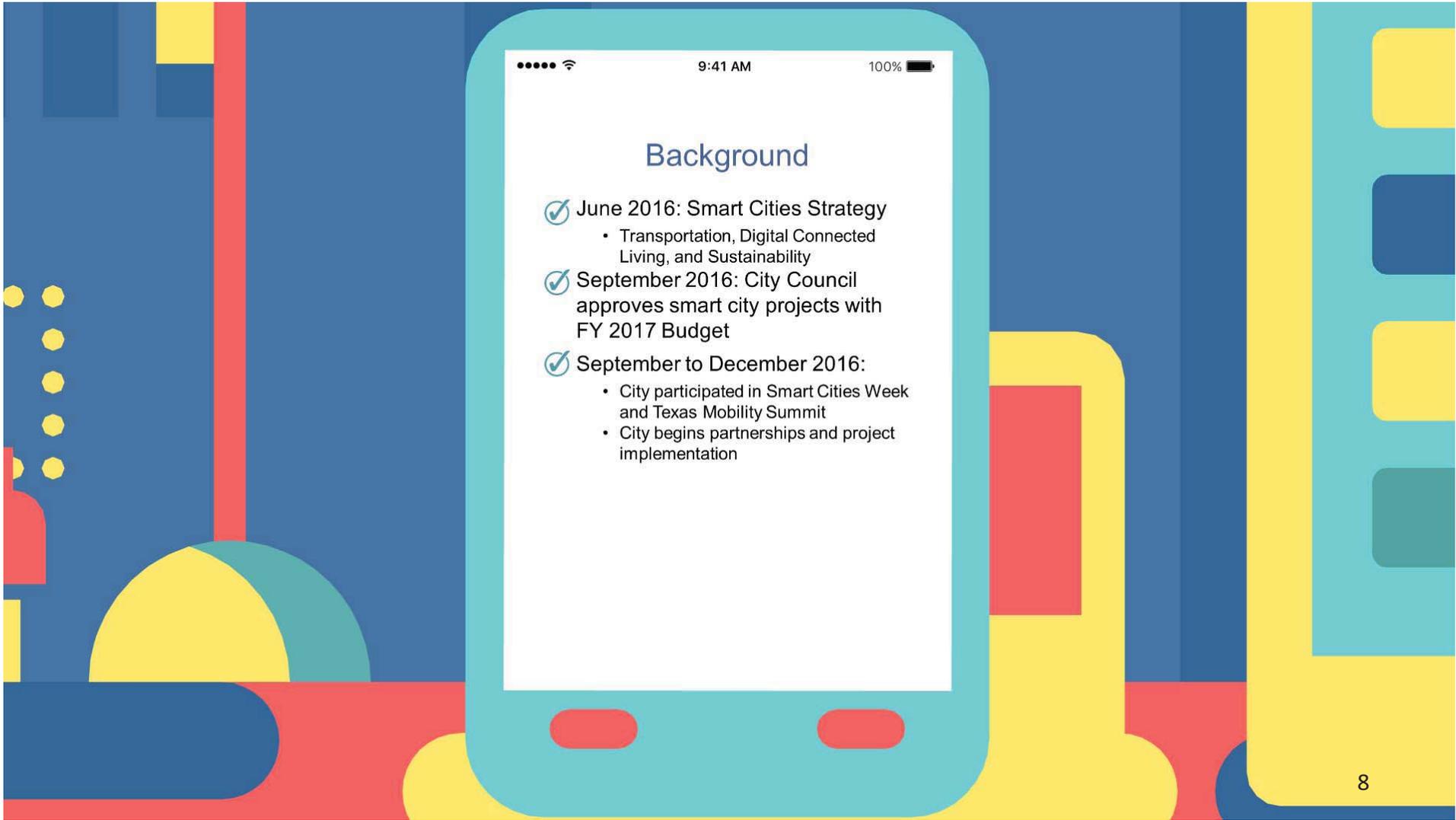




< Why Smart Cities

- Improve quality of life
- Manage population growth
- Access to information
- Improve citizen safety
- More responsive services





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Background

- ✓ June 2016: Smart Cities Strategy
 - Transportation, Digital Connected Living, and Sustainability
- ✓ September 2016: City Council approves smart city projects with FY 2017 Budget
- ✓ September to December 2016:
 - City participated in Smart Cities Week and Texas Mobility Summit
 - City begins partnerships and project implementation



Improving pedestrian safety & reducing congestion

San Antonio Traveler Real-Time Information Portal (SATRIP)

- Increased Pedestrian Safety
- Valuable data for traffic control
- Notifications at low-water crossing

Locations: Military Dr. and Blanco Rd.

Status: August 2017, traffic control; November 2017, pedestrian safety; April 2018, high water detection is integrated



Enhancing Fire/EMS Rescue Operations

Drones

- More efficient rescue operations
- Increased safety for Firefighters

Status: Operational in August 2017



Increasing Safety in Neighborhoods

LED Street Lights in CD5

- Energy-efficient and cost-effective
- Low replacement rate

Status: 1,000 more to install through September 2017; contributes to a total of 53,000 LED lights across the City



Enhancing Code Enforcement

Illegal Dumping Cameras

- Deters illegal dumping
- Cameras can be moved to other locations

Status: 15 trail cameras and 10 solar-powered, blue tooth cameras to use at 10 chronic dumping locations to be installed in early summer



Bridging the Digital Divide

Wi-Fi in the Parks & Solar Benches

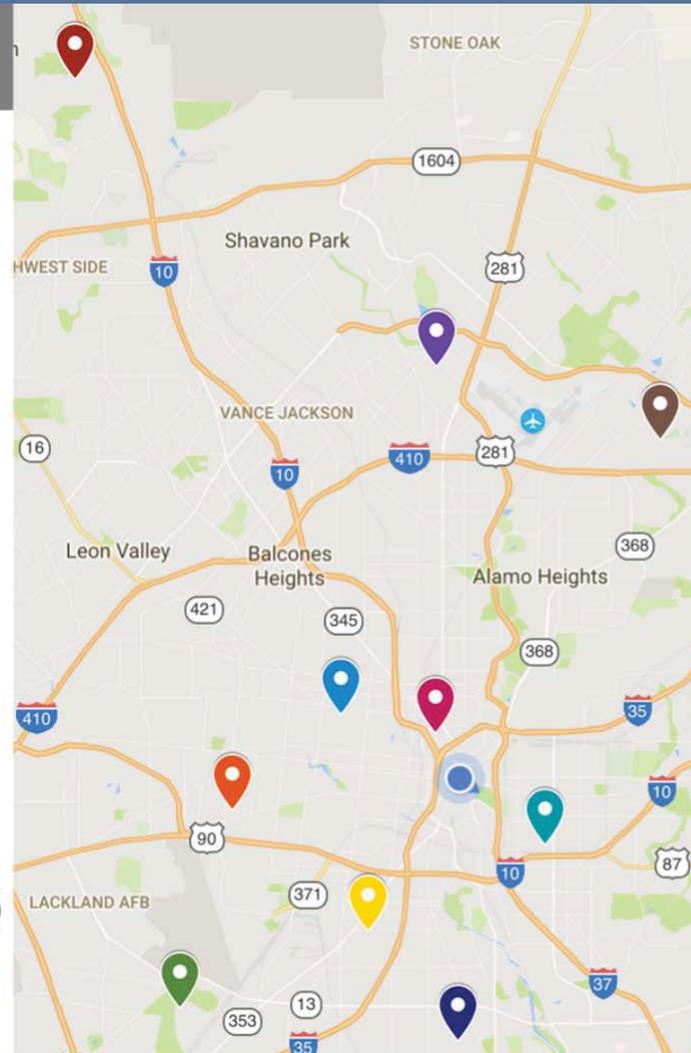
- Free Wi-Fi
- Addresses the digital divide
- Sensors gather usage data

Status:

- Wi-Fi in 10 parks by summer 2017
- Up to 20 benches go live July

Wi-Fi in the Parks

-  San Pedro Springs Park (D1)
-  Pittman-Sullivan Park (D2)
-  Harlandale Park (D3)
-  Pearsall Park (D4)
-  Palm Heights Park (D5)
-  Cuellar Park (D6)
-  Woodlawn Lake Park (D7)
-  Friedrich Park (D8)
-  Walker Ranch Park (D9)
-  Lady Bird Johnson Park (D10)





Making Customer Service More Convenient

311 and Parks Apps

- User-friendly
- Social media and gamification elements
- More service request categories
- Park navigation tools and information on park events

Status:

- 311 app live July 2017
- Parks app live November 2017

Putting Local at your Fingertips

Digital Community Kiosks

- User-friendly
- Hyper-local (promotes nearby services, events, and businesses)
- Wi-Fi hotspot
- Collects pedestrian data

Status: 25 kiosks downtown, at airport, and at missions installed in late 2017





Potranco Library

- Opened November 2016
- Co-located with YMCA
- Self-service kiosk for laptops
- Received award from Alliance for Innovation for Outstanding Achievement in Local Government

Swipe 'n Go



Swipe your card to access meals, activities, & much more!



NUTRITION



ACTIVITIES



HEALTH & WELLNESS



REGISTRATION



Automated Tracking of Senior Service Activities

- Implemented at 2 centers, full implementation by summer 2017
- Eliminates paper reporting
- Increases efficiency
- Improves reporting



CITY OF SAN ANTONIO
DEPARTMENT OF HUMAN SERVICES

sanantonio.gov/humanservices 210.207.7172

Home Activities Reservations Memberships [My Cart](#)



JOIN THE FUN!

Find It, Click It, Book It!

Welcome to the City of San Antonio. We are proud to offer a wide range of activities and events for the whole family!

[Sign In](#)

[Or Create an Account](#)

Activities ▾ Search for Activities by Keyword(s) [Search](#)

How do I register in activities? >

To register or view upcoming activities, please click the View Activities button! View and select the activity you would like to register for.

How do I reserve facilities? >

To reserve a facility you will need to obtain a Login Name and Password and then click the Reserve button. You will be asked to select an event type, submit a description and input a maximum number of guests. Search for your facility by Facility Type and select the facility you wish to reserve.

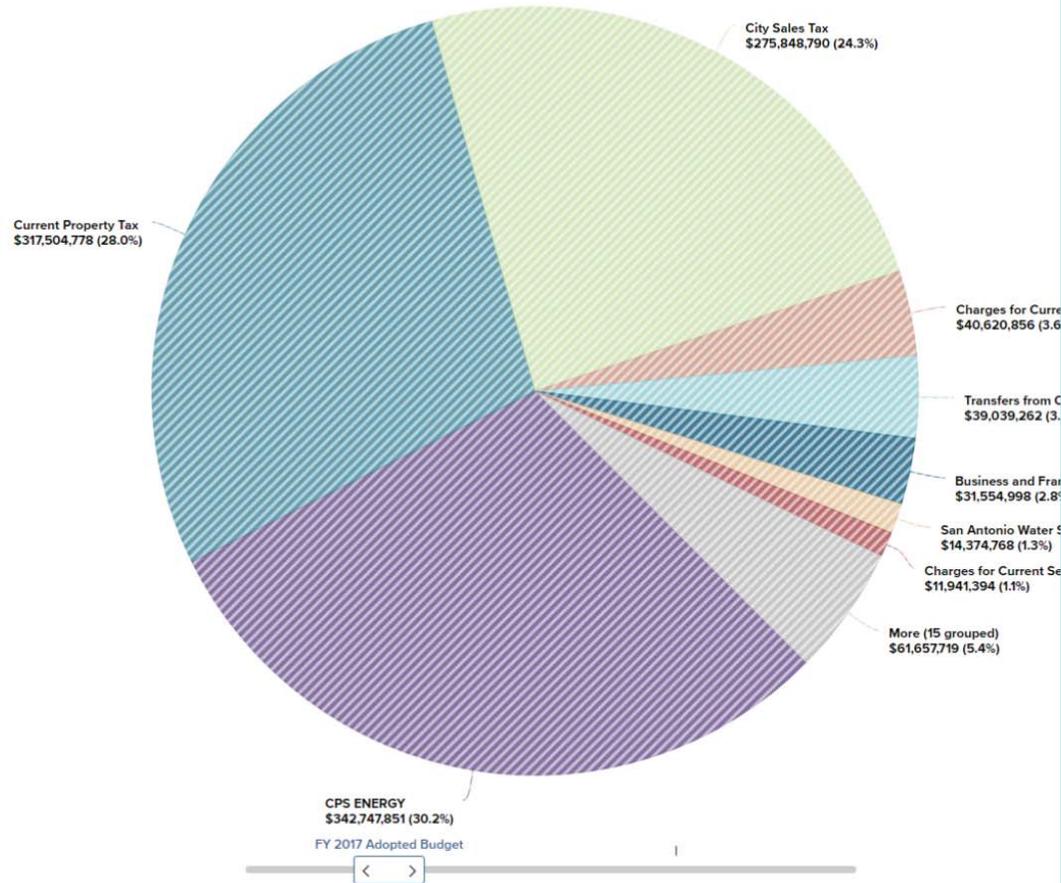
How do I purchase memberships? >

To purchase a membership, please click the Membership button and select the package you wish to purchase.

Online Parks Reservation System

- Facility, event and class reservations and online payment
- Go live April 3, 2017

Due to rounding, totals may be +/-\$. For questions, please use the "contact us" button on the right hand side.



OpenGov - Budget Transparency

- Provides budget at line item level
- Includes five years of data

Readiness Workshop Highlights

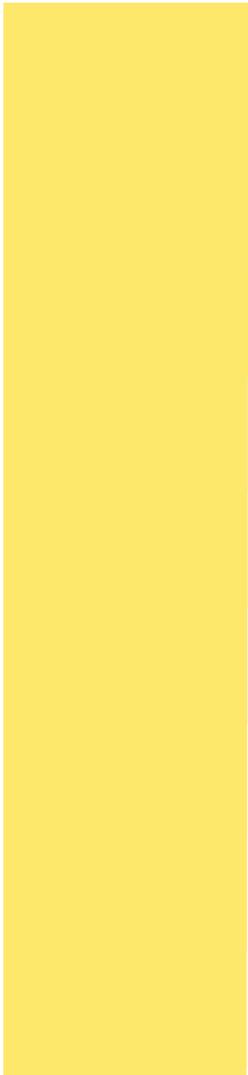
- Over 100 attendees
- Over 30 organizations from:
 - ✓ Government
 - ✓ Universities
 - ✓ Non-Profits
 - ✓ Tech Community





Readiness Workshop Main Takeaways

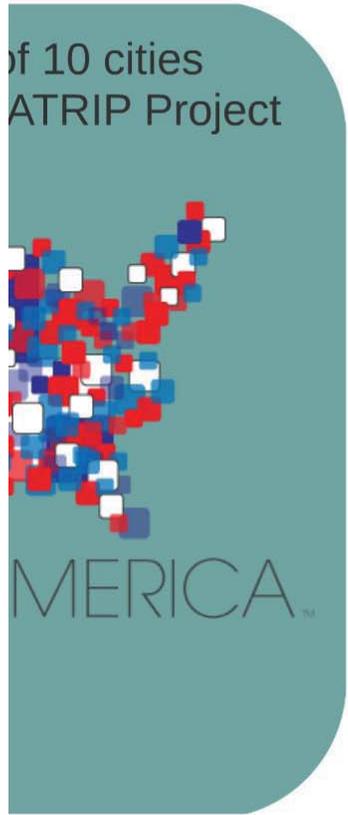
1. Collaboration & Partnerships among organizations
2. Data sharing & communication
3. More convenient access to public services



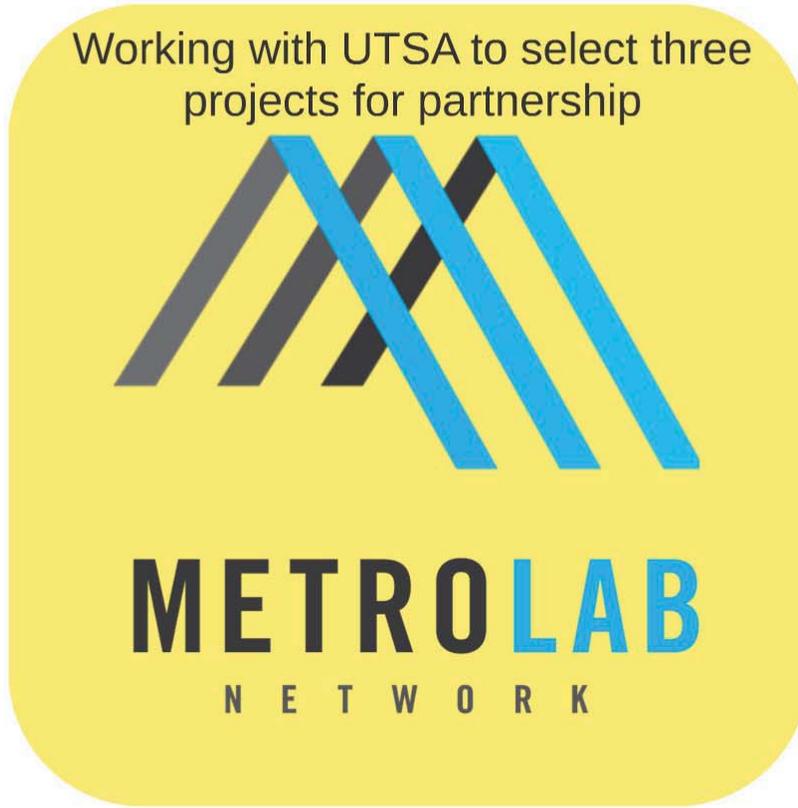
Envision America



Met



America



MetroLab



U



lab

Partnered with VIA, SWRI, Alamo Area MPO & Texas Department of Transportation to be named a proving ground for automated vehicles



USDOT



COSA Building Networks



SMART TEXAS
REVOLUTION

Smart Texas Revolution

April 20-21, 2017

“Creating a Smart City Structure for your City”



SMART CITIES
CONNECT
CONFERENCE & EXPO

Smart Cities Connect

June 26-28, 2017

“City Spotlight”

Summary

- City of San Antonio has begun its path as a Smart City
- Continue to improve service delivery by implementing Smart City technology
- Utilize results from Readiness Workshop to continue collaborations and partnerships with other agencies
- Participate in the national/regional conversation to promote San Antonio as a Smart City
- Will provide Smart City quarterly updates to Transportation, Technology, and Utilities Committee