

Smart City



AGENDA

- Background and History
- What is a Smart City
- Sample Categories and Goals
- Council Input to help us build the framework

Smart City



HISTORY

2018

- GPEC engages for synergy
- Council work session

2019

- Joined the Connective with representation on the Leadership Council

2020

- Selected as an Officer to represent West Valley Cities on the Connective Leadership Council

2021

- Smart City Masterplan Strategic Plan Goal

Smart City



WHY

- Why do cities want to be a smart city?

It supports:

- Economic growth
- Community engagement
- Improved services\Quality of Life
- Government efficiency

Smart City



MASTER PLAN

Out of our Benchmark Cities and surrounding communities these 14 are focusing on Smart Cities initiatives:

- Buckeye
- Casa Grande
- Chandler
- Fountain Hills
- Gilbert
- Glendale
- Mesa
- Peoria
- Phoenix
- Queen Creek
- Scottsdale
- Surprise
- Tempe
- Maricopa County

Goal

1.1 Develop a Smart City Master Plan

Description

Develop plan to leverage technology and data analytics solutions by the end of FY2022.



FY2022-2024 Strategic Plan

Adoption Date: May 10, 2021



What is a Smart City?



PROPOSED DEFINITION

One which utilizes partnerships, information technology, and data analytics to improve government services and enhance quality of life for residents and businesses.

Smart City Goal



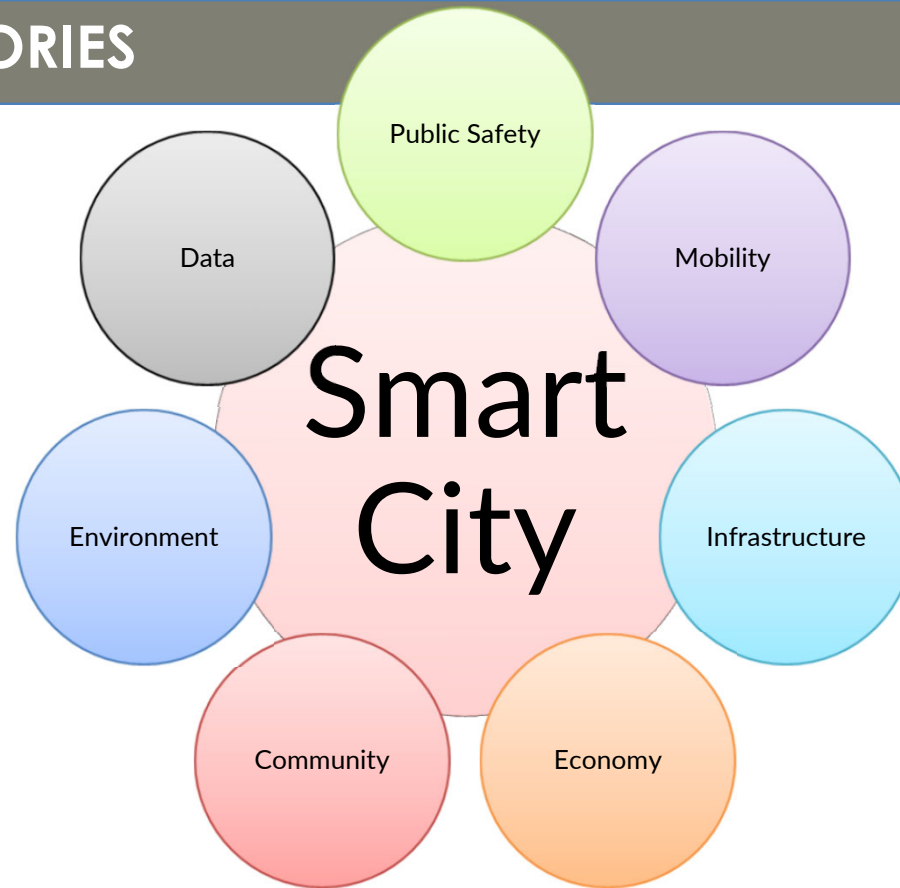
PROPOSED GOAL STATEMENT

Create a flexible masterplan that recommends smart technology projects and highlights initiatives that will improve departments' abilities to achieve operational goals and the city's ability to improve service and engage residents.

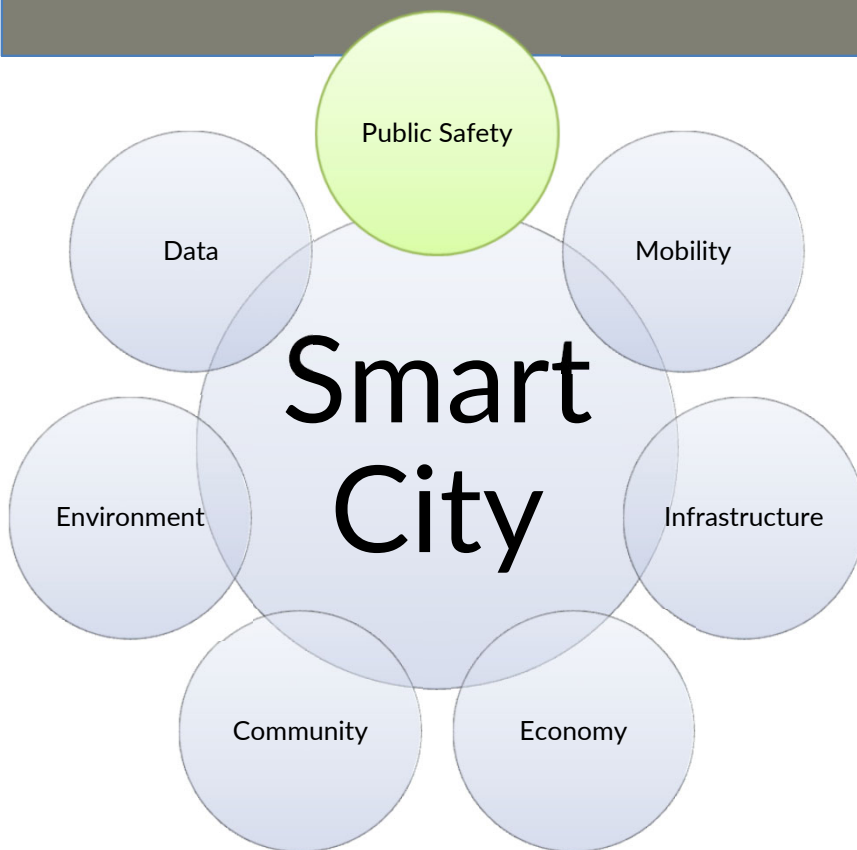
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PROPOSED CATEGORIES



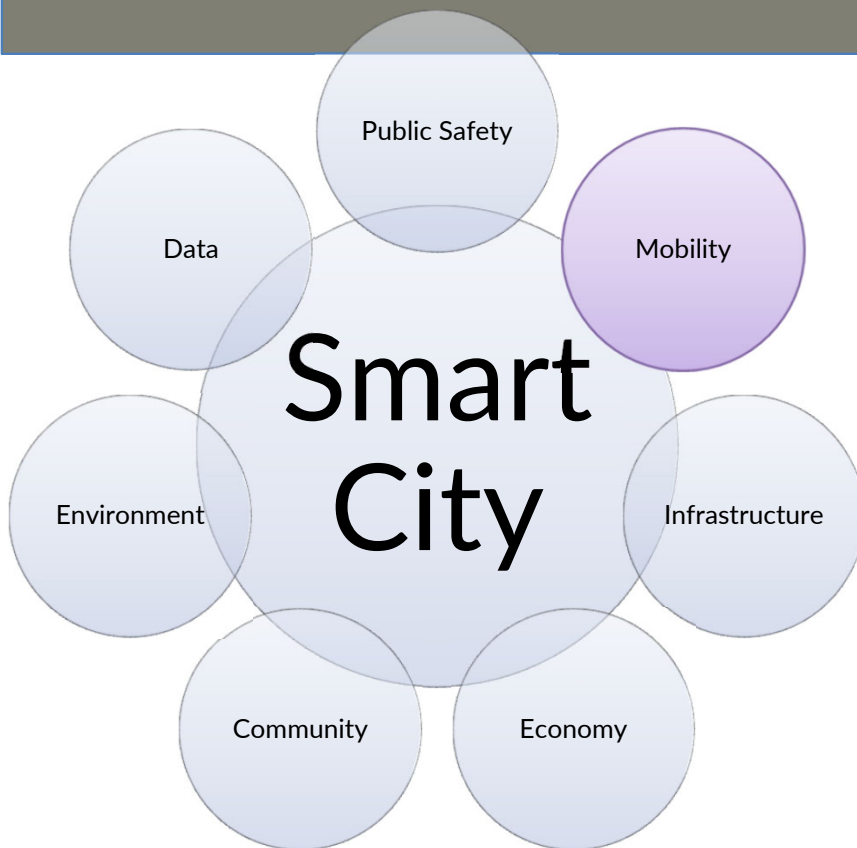
Smart Public Safety



Smart technology to improve safety and emergency preparedness

- Reliable communications
- Gunshot detection sensors
- Speech recognition solutions
- Automated Vehicle Locator for PD
- Community Policing

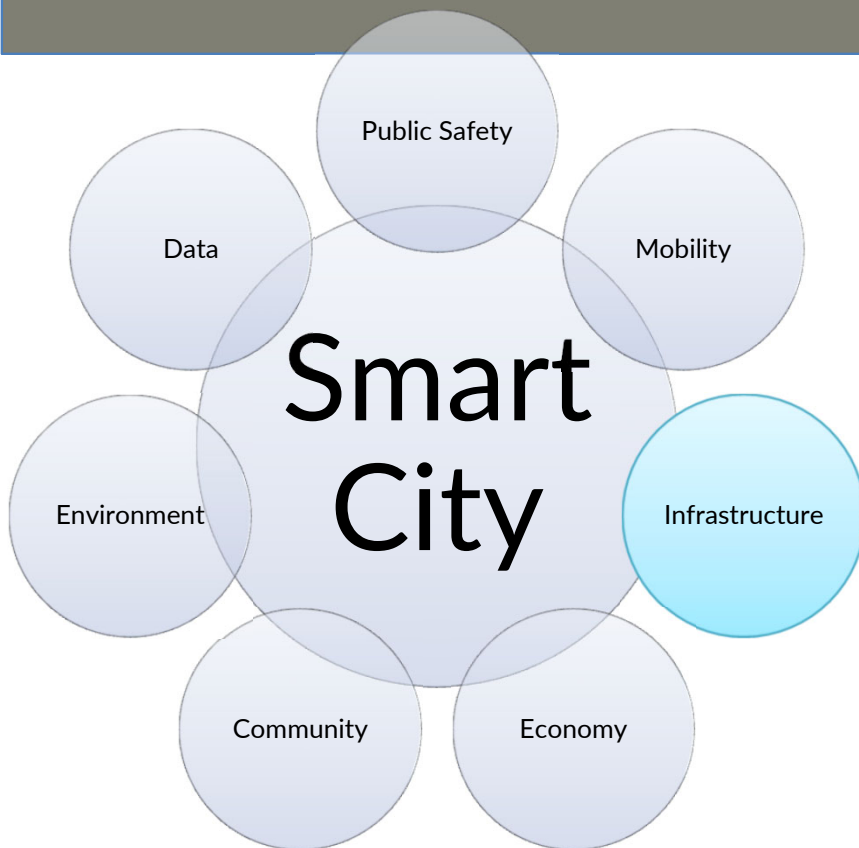
Smart Mobility



Smart technologies for safer and efficient travel

- Intelligent Transportation Systems
- Smart traffic signals, video surveillance and analytics
- Digital Information Kiosks

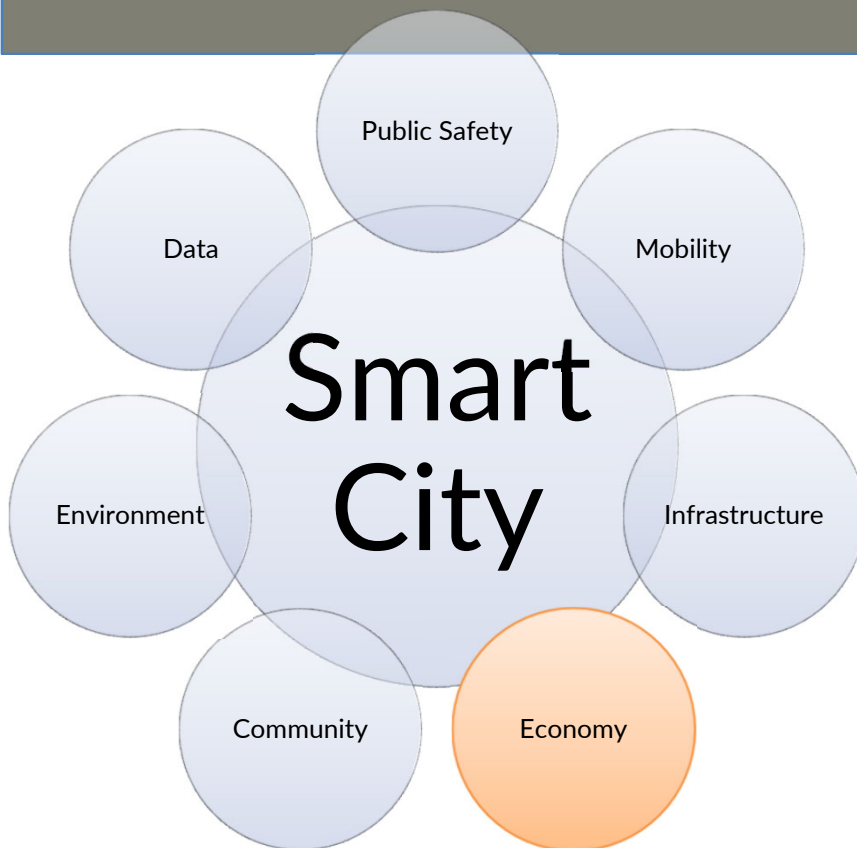
Smart Infrastructure



Smart Infrastructure for tomorrow

- Improve connectivity and access to wireless internet
- Expand public wifi access
- Broadband Study
- Bullard Tech Corridor Study

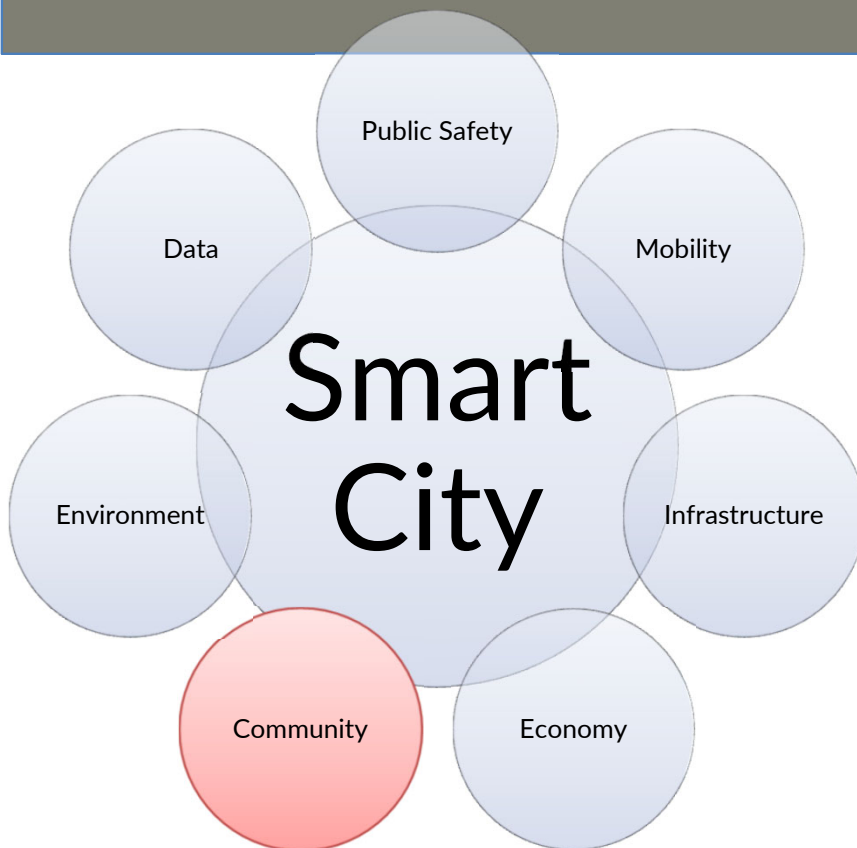
Smart Economy



Technologies to improve services
while saving time and money

- Improved coordination and communication among workforce
- Integration of systems
- Automation of tasks

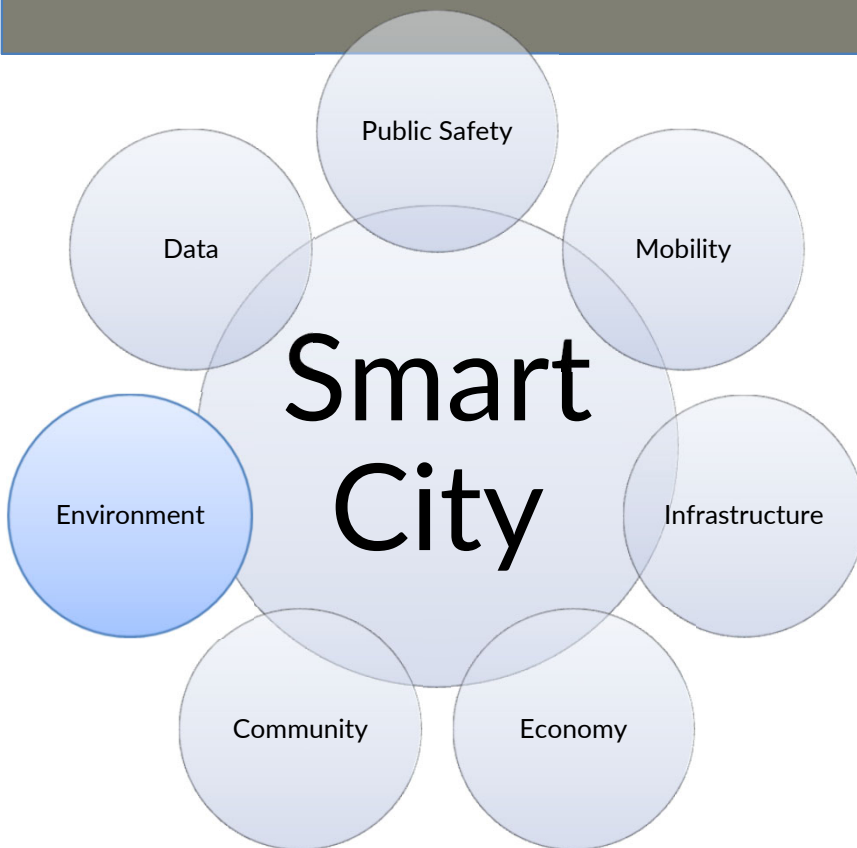
Smart Community



Technology to improve how we communicate and engage with our residents and businesses

- Customer service efficiency & experience
- Improve digital services
- Improve resident access to information

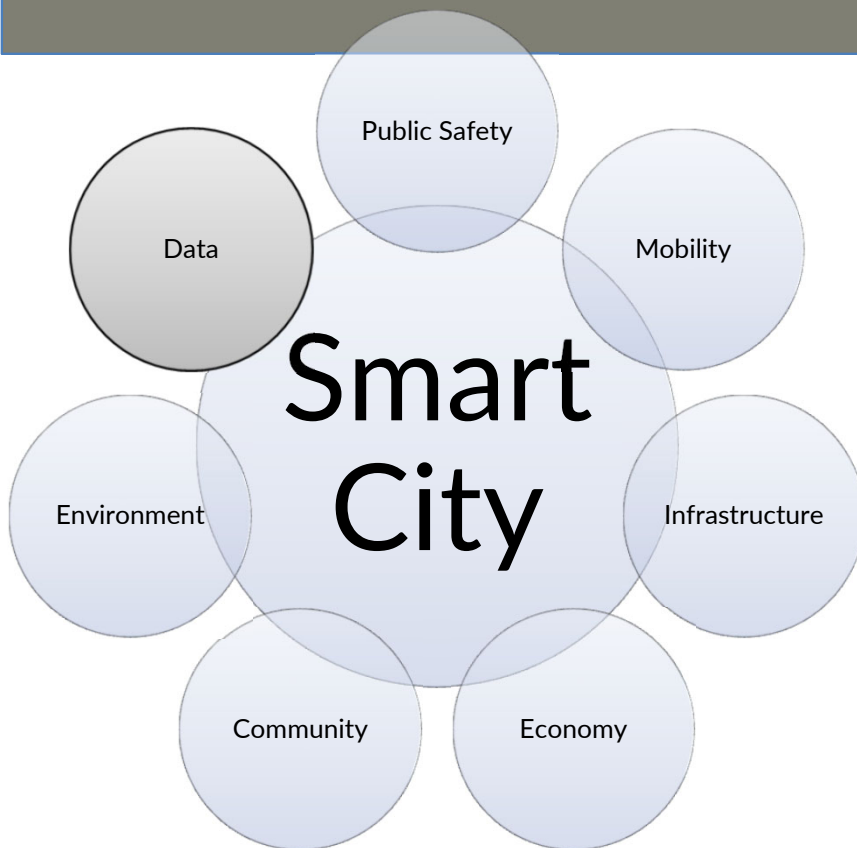
Smart Environment



Using smart technology to improve
our environment

- Smart vehicles
- Smart Water Technology
- Improve energy use in buildings
- Improve trash service efficiency

Smart Data



Improve data sharing and use data analytics to inform decision making

- Data for enterprise decision making
- Open data initiative
- GIS data to make data accessible and actionable

TIMELINE

To establish our Smart City Master Plan:

October 2021

- Capture Council Feedback

Nov. 21– Mar.
22

- Review Feedback
- Document Master Plan

March 2022

- Smart City Master Plan Adoption

Smart City



COUNCIL INPUT

- *Is the framework presented in line with Council's vision?*
- *Are there other categories to consider?*

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Questions?