Thursday, February 1, 2024

SMART CITY

NM MainStreet
Urban Main Initiative

2024 Winter Conference | Santa Fe, NM

AGENDA

1. Introductions
2. Smart City Overview
3. Roundtable Discussion

INTRODUCTIONS

Name & Organization

How does your city currently use technology in providing services or administration?

SMART CITY

Smart cities promise that with increasing connectedness, city services and quality of life can be improved.

https://education.nationalgeographic.org/resource/smart-cities/

SMART CITY
examples

Pittsburgh, PA
population: 300,431

Pittsburgh implemented a smart traffic system and found that *emissions were reduced by 21% and wait times reduced by 41%.*

Sensors throughout the city measure traffic flow and communicate that data back to a central location. An AI system analyzes the data and then creates a plan to move vehicles through the city with minimal wait times at intersections. The AI can control smart stoplights and adjust the timing to efficiently control traffic flow.

SMART CITY
examples

SmartBlockPHL
A SmartCityPHL project

Philadelphia, PA
population: 1.56 million

SmartBlockPHL will use 14 smart streetlights to collect information about pedestrian traffic, street activity, and the environment in Midtown Village. Specifically, the sensors in the streetlights will:

- Count people and objects.
- Check air quality.
- Monitor weather conditions.

Through this pilot project, the City will test ways to collect real-time data accurately and efficiently, while respecting residents' privacy. The data will guide the City's decisions on how public spaces can better accommodate many needs and uses.

SMART CITY
examples

Santa Fe, NM
population: 88,193

The City of Santa Fe is working to sustain and create a thriving community where climate impacts are neutralized, natural resources are abundant and clean, and sustainable economic activity is generated through enhancing social equity and the regenerative capacity of the environment. This work is guided by the Sustainable Santa Fe 25-Year Plan, which includes strategies to achieve carbon neutrality, improve quality of life and social equity, enhance ecological resilience, and strengthen the economy. Explore our **Sustainability Dashboard** to learn how the City and greater Santa Fe community are making progress towards these goals.

SMART CITY
examples

Denver, CO
population: 711,463

Denver is building a data hub, which is the foundation for a holistic approach to gathering, interpreting, and acting on data from across the city. Our system takes data from thousands of different sensors to provide real-time data to city employees. Data comes from resources like the traffic management center, police, bus, rail, road sensors, street lights, weather sensors, and universities. This equips Denver to improve the access and utilization of city services.

Google partners with New Mexico to find leaky water pipes

ROUNTABLE
Questions

1. What data would you like to collect?
2. How can that data be collected?
3. What technology is available?
4. Who can you partner with to launch the project

ROUNTABLE
Questions

1. Do you think an NM Urban Main initiative is needed? What would you like to see? (special networking events, RS's, conferences, etc.

Conference *in* Santa Fe
JANUARY 31 - FEBRUARY 2

EMBRACING TECHNOLOGY:
TOOLS TO HELP YOU SUCCEED

NEW MEXICO MAINSTREET

Assessing Your MainStreet Organization's Tech Capabilities and or Digital Resiliency

survey for session tomorrow morning