



Photo Source: USDOT

BEYOND TRAFFIC: THE SMART CITY CHALLENGE



SAFETY



MOBILITY



ENVIRONMENT

The U.S. Department of Transportation (USDOT) *Beyond Traffic 2045: Trends and Choices* study indicates that many communities will experience rapid population increases and rapidly growing demands on their transportation infrastructure in the next few decades. The Smart City Challenge is designed to help cities begin to address the difficulties these trends present. To show what is possible when communities use technology to connect transportation assets into an interactive network, the Smart City Challenge will concentrate federal resources into one medium-sized city, selected through a nationwide competition. Funding of up to \$40 million will go to the mid-sized city to demonstrate how advanced data and ITS technologies and applications can be used to reduce congestion, keep travelers safe, protect the environment, respond to climate change, connect underserved communities, and support economic vitality.

Phase 1: The USDOT invited cities to submit a high-level description of their vision by February 4, 2016, and supported prospective applicants with numerous forums, webinars, and other resources. Fixed amount cooperative agreements of \$100,000 will be awarded to an estimated five Smart City Challenge finalists to support concept development and planning activities.

Phase 2: Finalists will further develop their concepts for demonstration. One city will be selected to implement its proposed concept. The USDOT will provide funding of up to \$40 million to the winning city. In addition, Vulcan is offering an additional \$10 million to the winning city to support infrastructure for electric vehicles, and the winning city's public bus system will receive Mobileye's Shield +™ technology on its entire bus fleet.

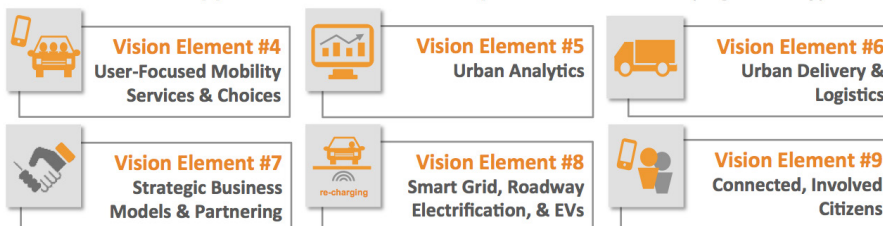
USDOT's Vision for a Smart City

To assist cities, the USDOT identified 12 vision elements that are intended to provide a framework for applicants to consider in the development of a city's proposed demonstration without making each item a requirement for award.

Technology Elements (Highest Priority)



Innovative Approaches to Urban Transportation Elements (High Priority)



Smart City Elements (Priority)



Attributes of the Ideal Candidate

- Mid-sized city with a population between approximately 200,000 and 850,000 people
- A population density typical of a mid-sized city
- Represents a significant portion (more than 15 percent) of the overall population of its urban area
- An established public transportation system
- An environment that is conducive to demonstrating proposed strategies
- Leadership and capacity to carry out the demonstration
- A commitment to integrating with the sharing economy
- A clear commitment to making data open to fuel entrepreneurship and innovation.



U.S. Department of Transportation

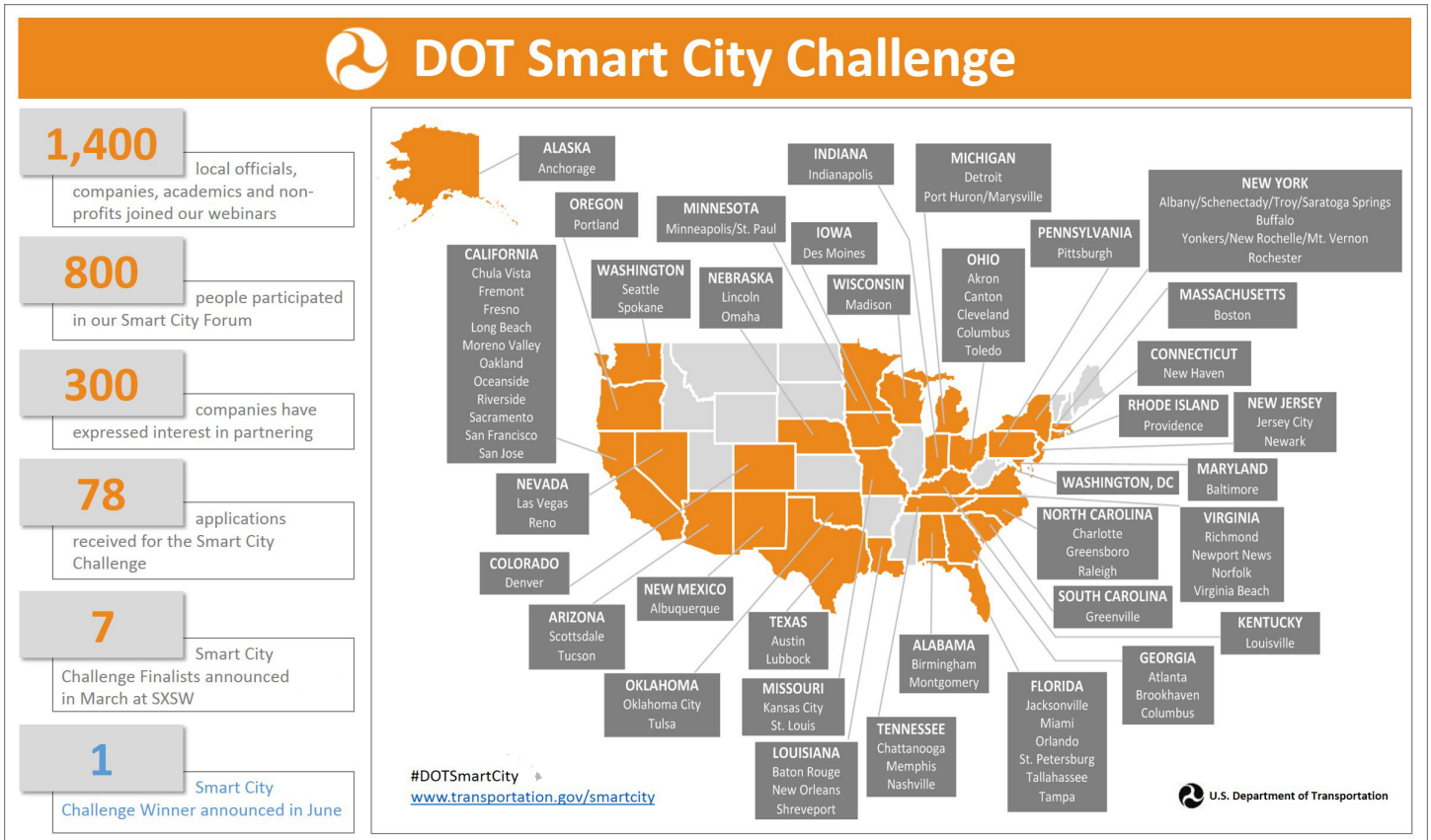
Overwhelming Response to Smart City Challenge

Seventy-seven cities submitted applications for the Smart City Challenge. Medium-sized cities from across the country, from Reno to Rochester and Anchorage to Albuquerque, represent the depth and breadth of this challenge.

U.S. Transportation Secretary Anthony Foxx noted, "I issued this challenge in December and quite frankly, we are very impressed by the response by community leaders across the country. Cities understand that in order to plan for tomorrow, they need to embrace

technology and innovation. This challenge is going to do more than just help one city adopt innovative ideas. Instead, it will serve as a catalyst for widespread change in communities across America."

In March 2016, the USDOT announced that seven cities were finalists in the Smart City Challenge: Austin, Columbus, Denver, Kansas City, Pittsburgh, Portland, and San Francisco. A final city will be selected in June 2016.



To view the list of cities that submitted applications for the Smart City Challenge or explore Smart City Challenge partnership opportunities, visit: <http://www.transportation.gov/smartcity/applicant-list>.

For More Information

For more information on the Smart City Challenge, including presentations and recordings from information sessions, visit: www.transportation.gov/smartcity.

For questions, email the USDOT at: SmartCityChallenge@dot.gov.

