U.S. Department of Transportation

SMART CITIES AND COMMUNITIES FEDERAL STRATEGIC PLAN

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TODAY'S SITUATION DRIVES NEW NEEDS

THE SITUATION:

Changing Populations

Aging Infrastructure

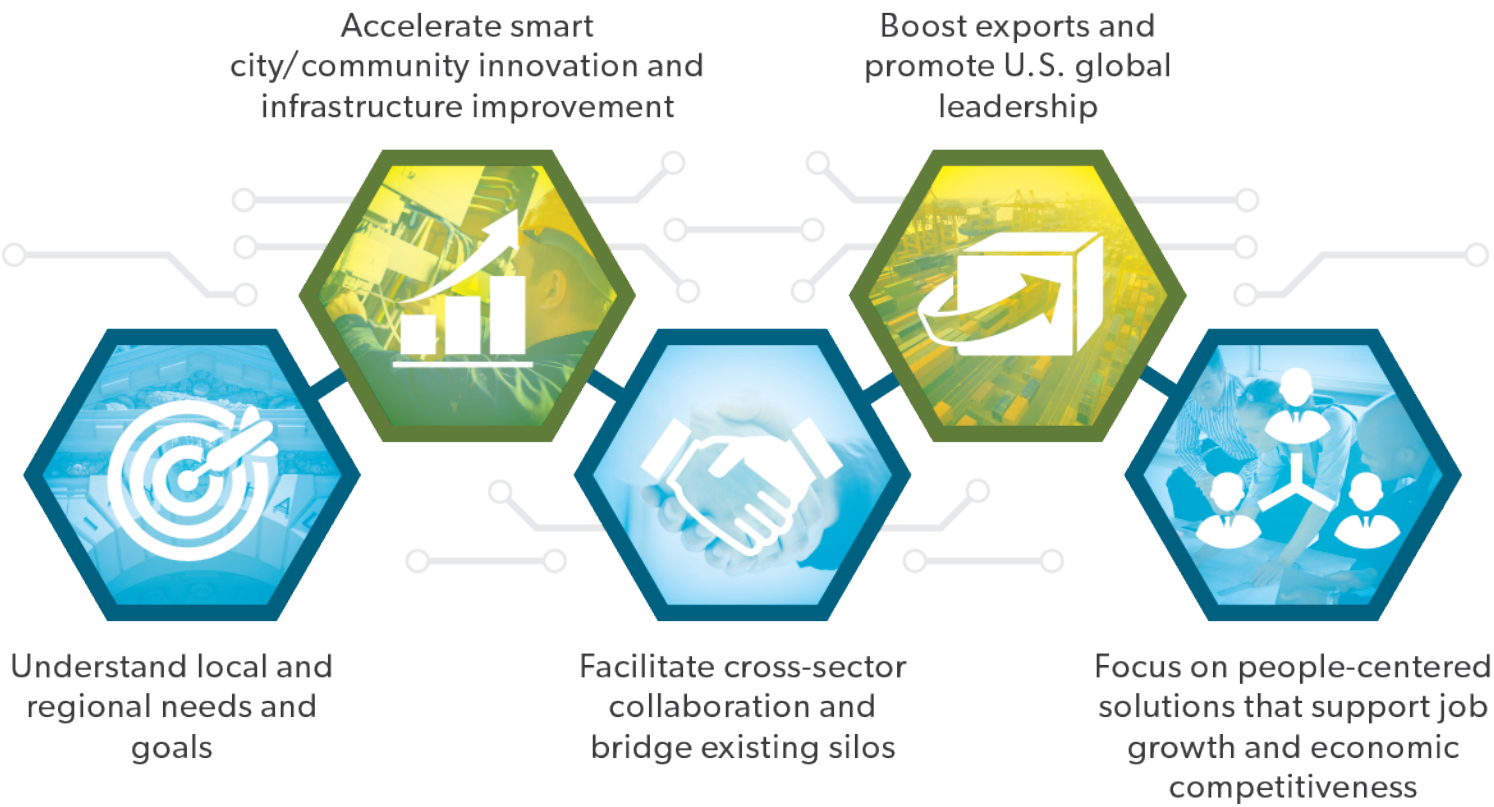
NEW NEEDS:

- More effective use of limited space
- Greater walkability
- Improved support for residents across all socioeconomic statuses
- Improved resilience in the face of natural and man-made disasters

PURPOSE OF THE STRATEGIC PLAN

- Guide and coordinate ongoing federal efforts to advance smart cities and communities
- Assist cities and communities as they engage with federal efforts

CENTRAL GOALS OF THE STRATEGIC PLAN



CHALLENGES AND RELATED GOAL

CHALLENGE:

Local cities/communities have varying circumstances, needs, resources, and aspirations

GOAL:

Understand Local and Regional Needs and Goals

CHALLENGES AND RELATED GOAL

CHALLENGE:

Cities/communities must meet not only today's needs, but also those of tomorrow with:

- Changing populations
- New economic pressures
- Increased expectations of residents and businesses for continuing improvements in infrastructures, systems, and services

GOAL:

Accelerate Smart Cities/Communities Innovation and Infrastructure Improvement

CHALLENGES AND RELATED GOAL

CHALLENGE:

The goals of smart city/community projects typically focus on social (e.g., quality of life) or economic benefits that may not necessarily correspond to technological, geographical, organizational, or disciplinary boundaries

GOAL:

Facilitate Cross-Sector Collaboration and Bridge Existing Silos

CHALLENGES AND RELATED GOAL

CHALLENGE:

Individually, cities and communities may have only limited influence on the technology marketplace

GOAL:

Boost Exports and Promote U.S. Global Leadership

CHALLENGES AND RELATED GOAL

CHALLENGE:

Smart city/community efforts must create measurable benefits for residents and provide for appropriate education and training

GOAL:

Focus on People-Centered Solutions that Support Job Growth and Economic Competitiveness

STRATEGIC PRIORITIES

RESEARCH:

Accelerate fundamental research and development for smart cities/communities

INFRASTRUCTURE

Facilitate secure and resilient infrastructure, systems, and services for smart cities/communities

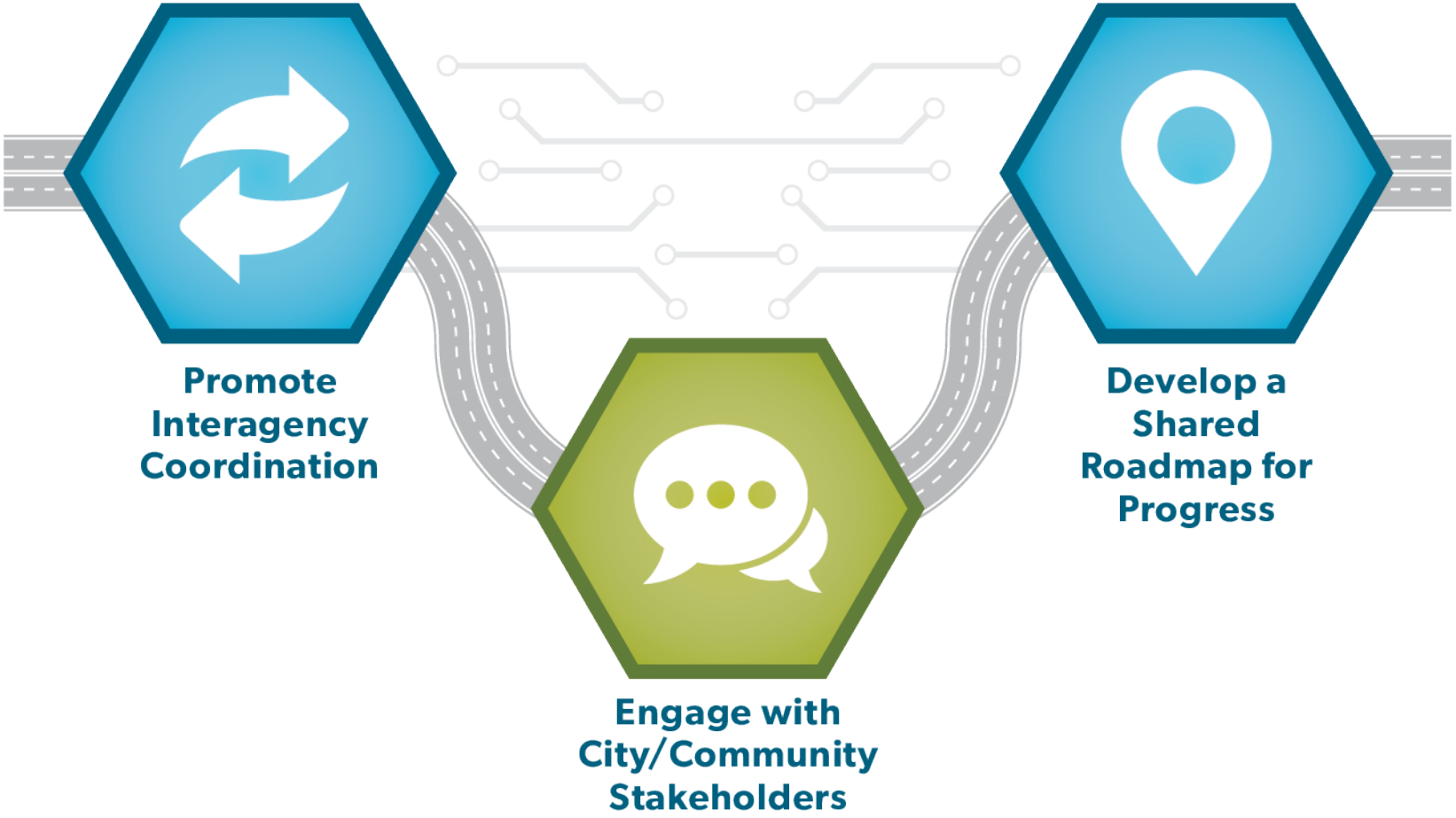
COLLABORATION:

Foster smart cities/ communities through data and knowledge sharing, best practices, and collaboration

EVALUATION:

Enable evaluation of progress and long-term growth of smart cities/communities

NEXT STEPS


Promote Interagency Coordination
Engage with City/Community Stakeholders
Develop a Shared Roadmap for Progress

QUESTIONS?

STAY CONNECTED

For more information, contact…

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