



Sun Corridor Megapolitan Overview

AECOM Global Cities Institute

APRIL 20, 2010



complexity + opportunity



Strategy to realization

To enhance and sustain the world's built, natural and social environments



Together, we can build a better tomorrow.

A multi-disciplinary laboratory that goes beyond traditional practice.

The Global Cities Institute brings together fully integrated planning, design and management capabilities to help make regions/cities better.



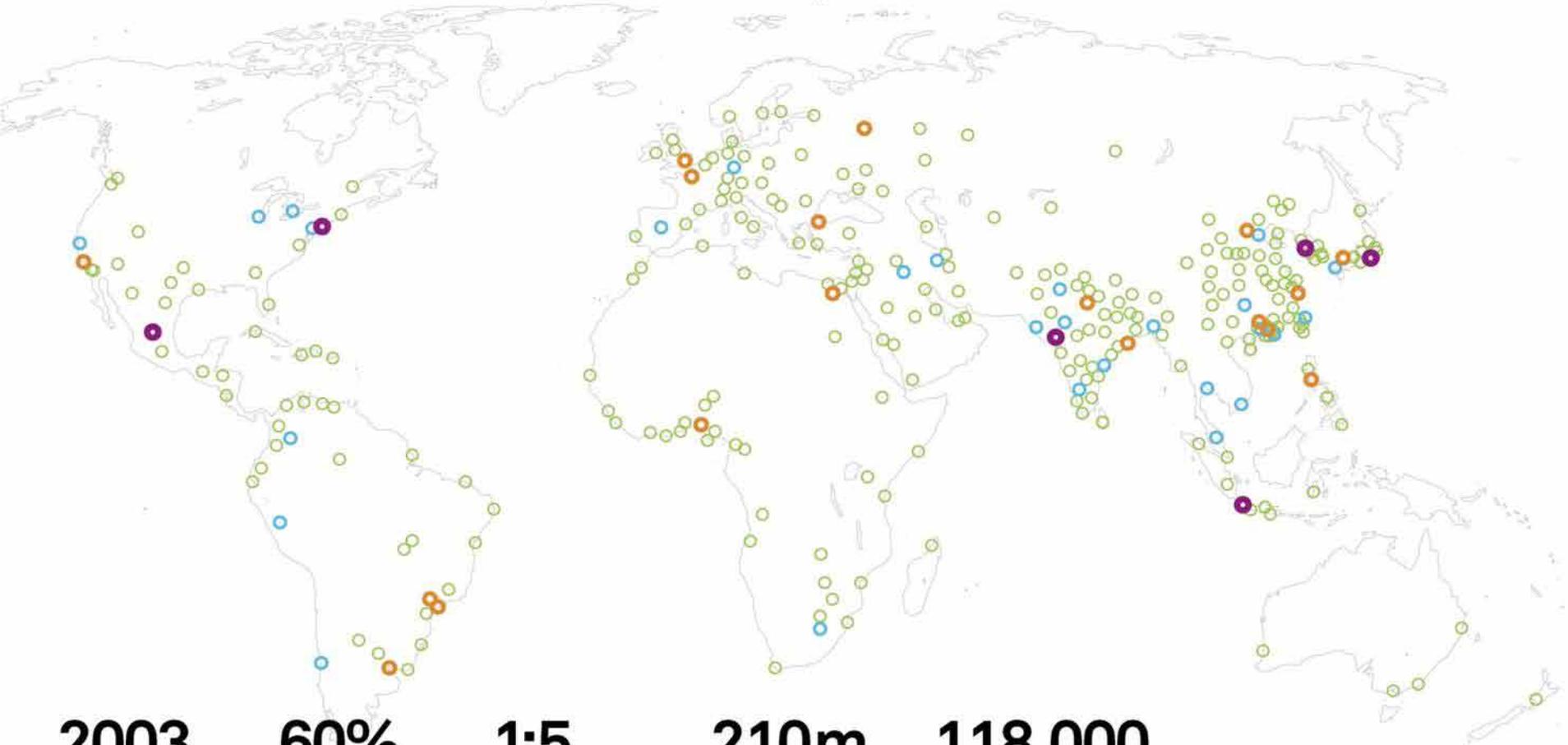


The human condition is now urban.

City teams will bring together a wide range of disciplines: from architects and environmental planners, to transport engineers and development economists, to advance urban progress.

**imagine
better cities**

Each year, the AECOM Global Cities Institute will work with selected cities anywhere in the world to develop solutions that will enhance urban quality of life. We will look at both the bigger picture and the finer grain: from open space to green, grey and social infrastructure, environmental quality to public safety. All of the components of what makes a city work – and work better – will come into focus.



2003

Year in which more than half of the world's people became urbanized.

60%

Proportion of the world's population that will be urbanized by 2030.

1:5

Ratio in carbon footprint between an American who lives in Manhattan, and one who lives in a suburb.

210m

Combined population of the world's ten largest cities, which is more than the combined populations of Britain, France and Italy.

118,000

Residents per square kilometer in Dhaka. By comparison, in the United States, there are an average of 31 residents per square kilometer.

World cities by population

- 1m-5m
- 5m-10m
- 10m-20m
- 20m+



- **Location Selection Criteria: Potential for...**

- Political support and institutional receptivity
- Cooperation between public and private sectors to comprehensively address urban (re)development
- Demonstration of sustainability with integrated infrastructure systems
- Positioning location to successfully capture future resources (e.g., Sustainable Communities Partnership grant funding, 2010 Transportation Reauthorization Act)

Phases

1

Step 1 Understanding Aspirations

/ Conduct in-depth analysis of contemporary urban issues within target region/city.

/ Reach out to partners within the region/city.

/ Fact-finding exercise to define what areas of regional/city life merit the Institute's expertise.

2

Step 2 Framing Success

/ Convene team of practitioners from a wide range of disciplines.

/ Challenge preconceptions that may be barriers to urban progress.

/ Explore social, economic and environmental opportunities.

3

Step 3 Region/City Ambitions Report

/ Publish a strategic vision that articulates opportunities for improving regional/city quality of life and competitive advantage.

4

Step 4 Leaders Forum

/ Forum attended by regional/city leaders, academics, business and civil society to explore the results and discuss next steps.

1

Step 1 Understanding Aspirations

Over the course of the year, and in each region/city, we will conduct an in-depth study of contemporary urban issues, reaching out to the local community and potential partners including other businesses, academic institutions and non-governmental organizations. This fact finding exercise will be held to define what areas of urban existence would benefit from our expertise.

Fact Finding:

- Review existing plans and projects
- Frame issues
- Establish research focus
- Determine key organizational relationships and opportunities

Team Building:

- Identify partners:
 - Strategic Partners
 - Contributing Partners
 - Resource Working Group
- Conduct Sun Corridor kick-off meetings
- Determine external partners

Potential External Partners:

- World Bank
- IBM
- Siemens
- Cisco
- EATON
- Nissan
- University of Arizona
- Arizona State University
- Urban Land Institute
- Morrison Institute for Public Policy

2

We will convene specific teams for each region/city, bringing together our practitioners from a wide range of disciplines who will help devise future opportunities for the location. In the process, we hope to challenge preconceptions that may otherwise be barriers to regional progress. The teams will look at environmental, social, economic, urban form, transportation, infrastructure, and governance issues.

Identify issues and challenges:

- Identify issues and challenges:
- Clarify Sun Corridor issues
- Carry out SWOT analysis and detailed research
- Convene AECOM Global Cities Institute Expert Team, in collaboration with Sun Corridor partners, in a workshop to determine future solutions

Step 2 Framing Success

3

Step 3 Region/City Ambitions Report

The key deliverable of our research will be a comprehensive report provided to each region/city with a detailed summary of our findings. This document will highlight key issues and challenges, strategic opportunities, and future implementation pursuits – all under the support of improving the region/city’s quality of life and its competitive advantage.

Report:

- Summarize focused issues
- Convey strategic vision
- Present regional/city opportunities
- Formulate future solutions (e.g., projects, additional research, initiatives, etc.)
- Identify available funding opportunities to address potential solutions

4

Following the report's public dissemination, we will convene a forum in each region/city to debate our findings in a collegial environment. The forum will be an opportunity for key people within the region/city to openly discuss the possibilities before them.

Organization of Forum:

- 1- to 2-day forum and debate hosted in the Sun Corridor Megapolitan
- AECOM Global Cities Institute provides Expert Team in practice areas relative to Sun Corridor issues and solutions
- Attended by state, regional, and city leaders; academics; business leaders; politicians; and other key stakeholders
- Final report discussed and debated

Step 4 Leaders Forum

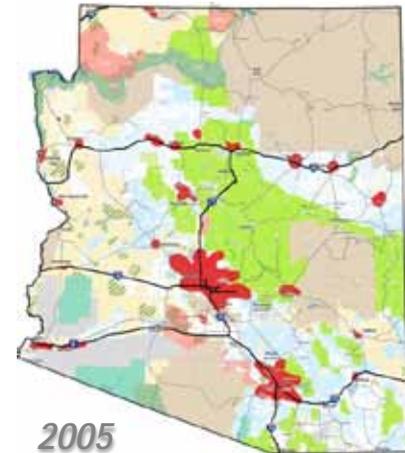
Sun Corridor Megaregion

- **Issues range from:**

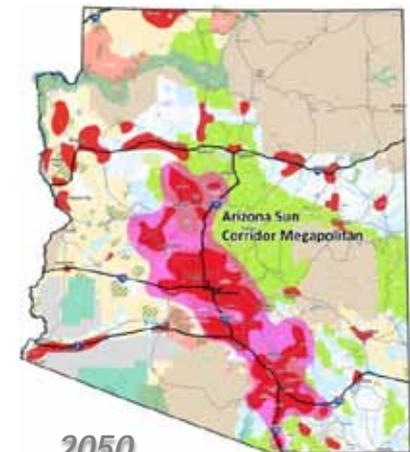
- Water availability
- Climate change
- Population growth
- Access and mobility
- Urban development pattern
- Economic diversification
- Safety and security
- State Trust land policies and procedures
- Infrastructure finance
- Environmental stewardship
- Regional cooperation and governance

- **Question:** Can the Sun Corridor become a new paradigm in Arizona for sustainable development with a diverse economic base that advances the state globally?

Arizona Growth 2005-2050



2005

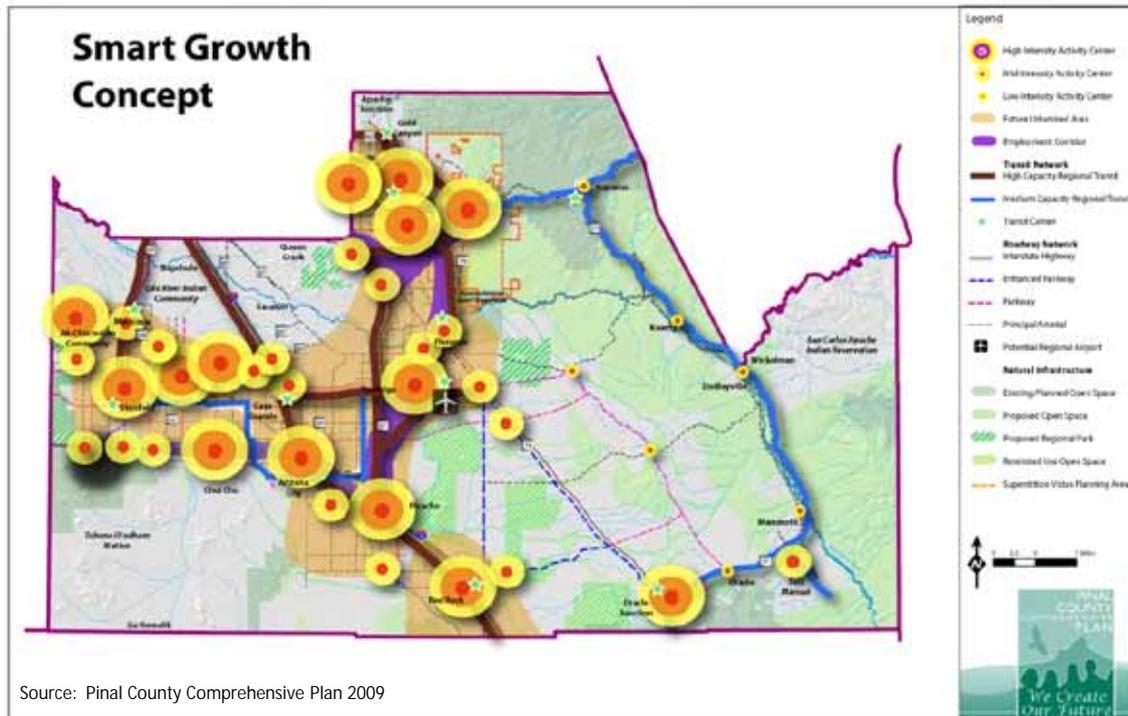


2050

Source: Maricopa Association of Governments

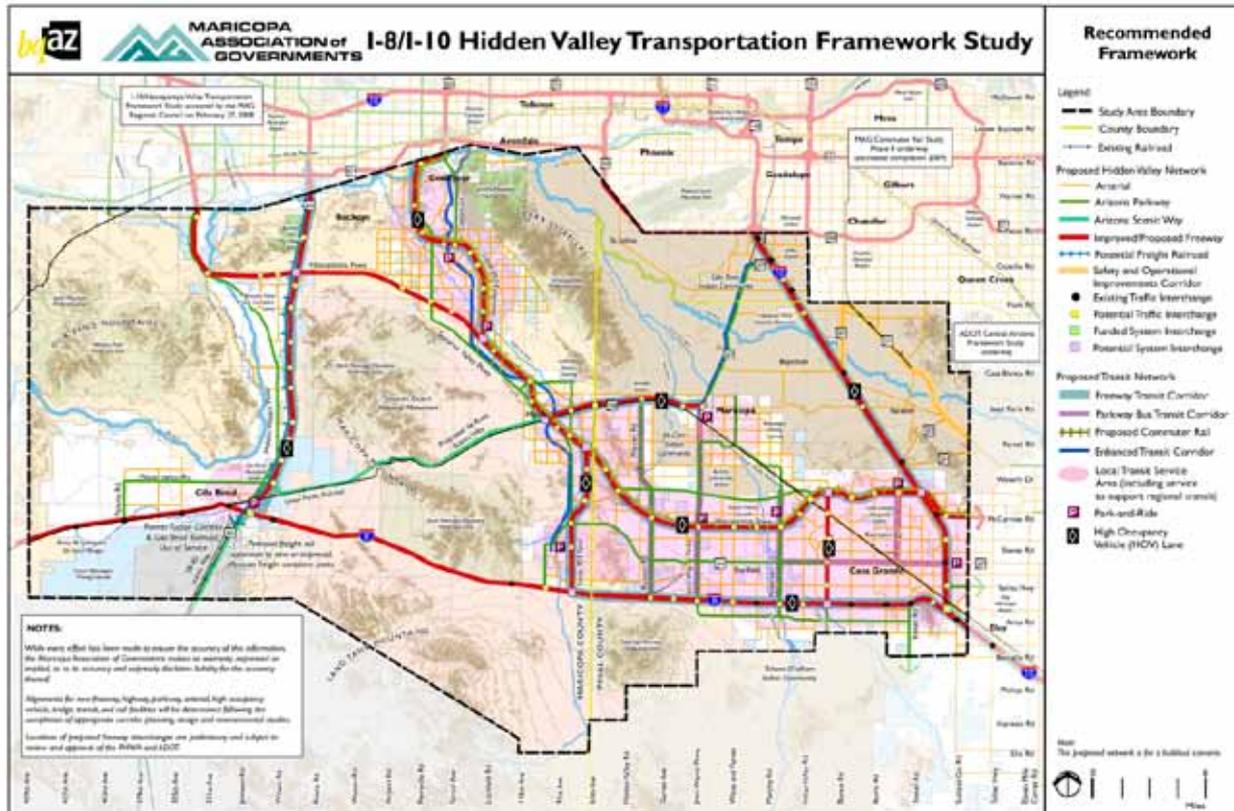
Sun Corridor Megaregion

- **Question:** What critical decisions do key stakeholders in Arizona need to make in the next 5+ years to successfully effectuate public policy and investments to move the concept of the Sun Corridor Megapolitan ahead?



Sun Corridor Megaregion

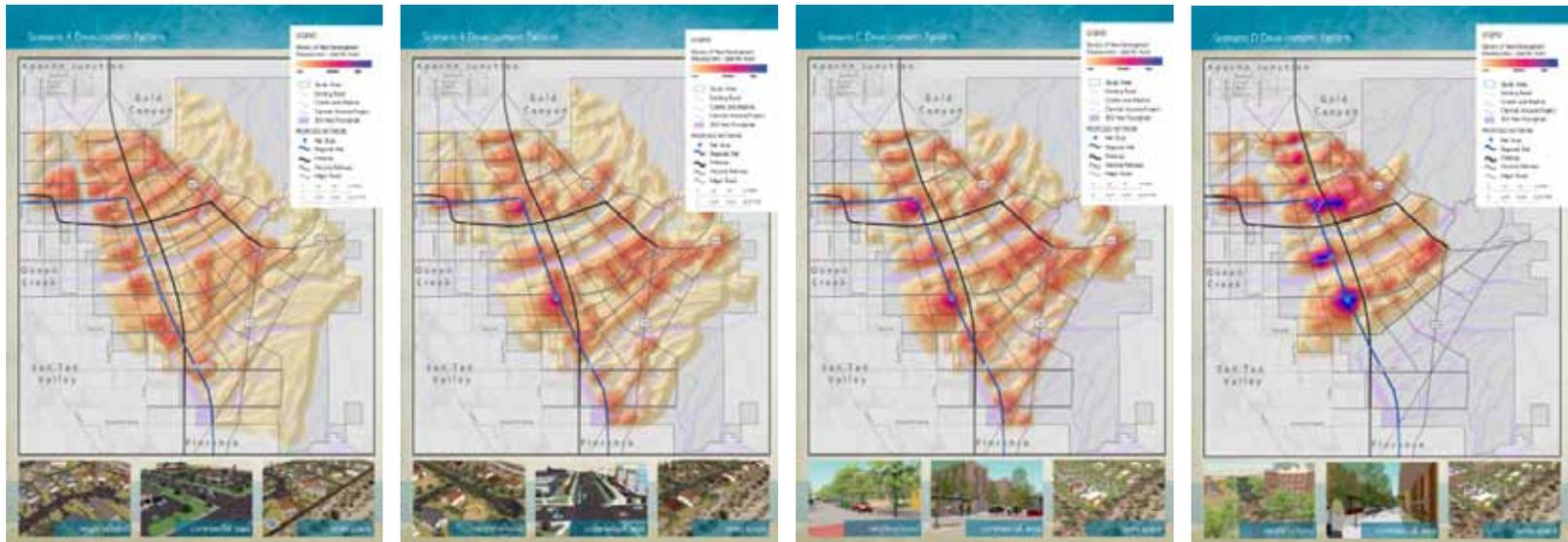
- **Question:** What public policies need to be put in place in the next 5+ years to successfully move the concept of the Sun Corridor Megapolitan ahead?



Source: Maricopa Association of Governments 2009

Sun Corridor Megaregion

- **Question:** What key investments need to be made by both the public and private sectors in the next 5-10 years to successfully move the concept of the Sun Corridor Megapolitan into implementation as a dynamic economic activity center, showcase for sustainability, and a desert urbanist pattern of development with state-of-the-art infrastructure and use of renewable energy?



Source: East Valley Partnership 2009

Status Update

Step 1 Understanding Aspirations

/ Conducted research of completed studies that deal with the Sun Corridor

/ Convened Strategic Partners Group and met with Resource Working Group members to define issues and opportunities

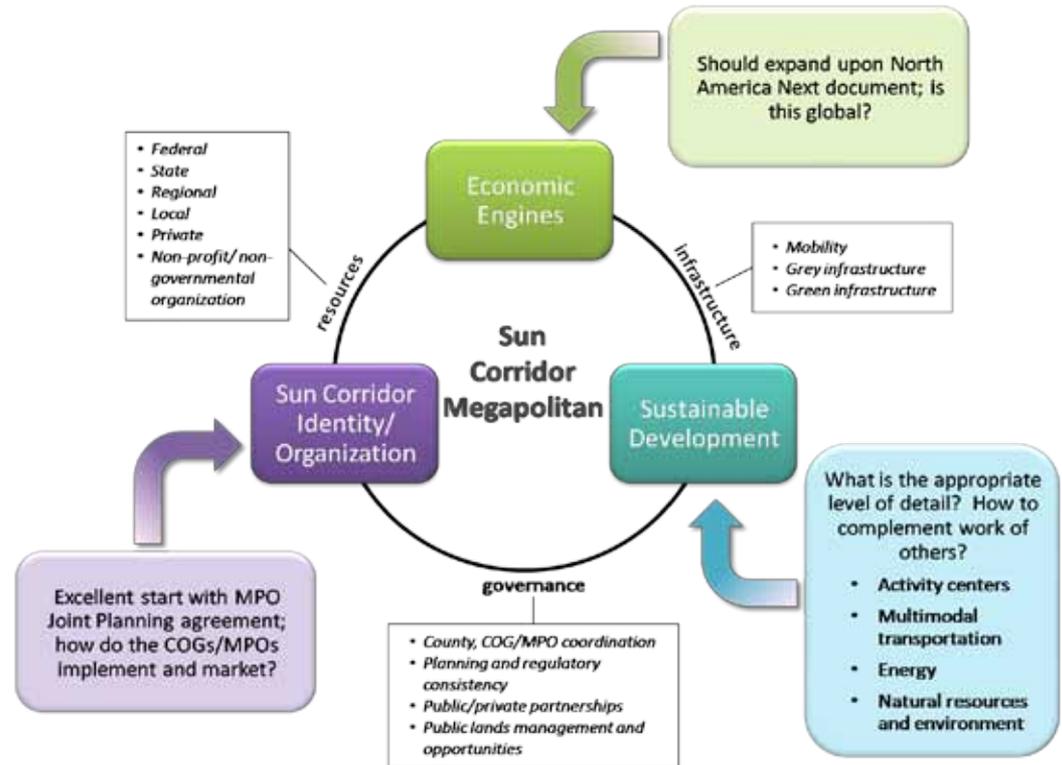
/ Determined three focus areas: economic engines, sustainable development, and megaregion identity

Step 2 Framing Success

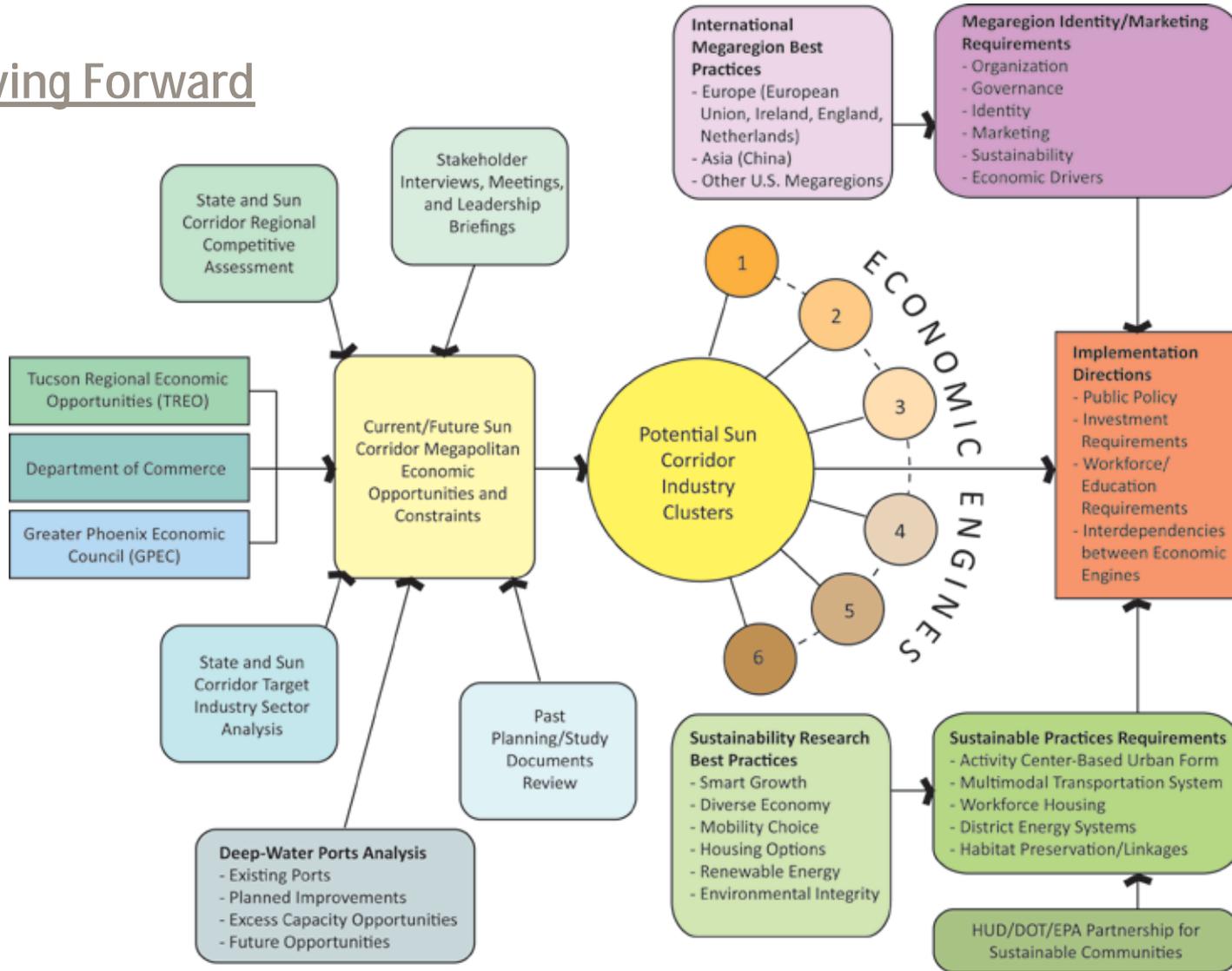
/ Convened team of practitioners from a wide range of disciplines to offer best practices on three focus areas

/ Initiated international research on megaregion successes and lessons learned

/ Will conduct workshop with stakeholders to identify preliminary solutions



Moving Forward





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