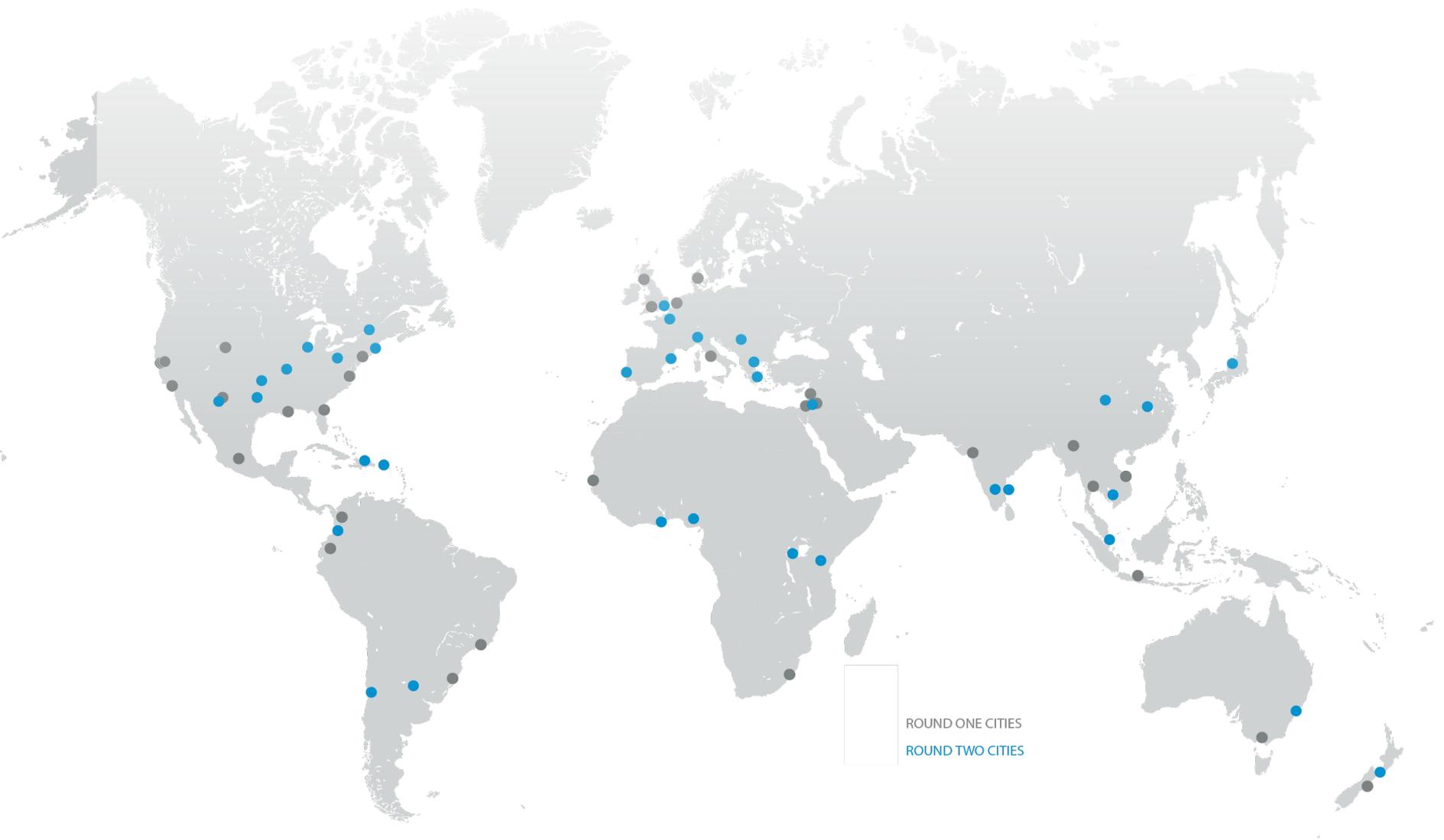


Office of
Resilience and
Sustainability

THE 100 RESILIENT CITIES INITIATIVE
BUILDING A PATH FORWARD



CITY RESILIENCE

is the capacity of individuals, communities, institutions and businesses within a city to survive, adapt and thrive no matter what kind of chronic stresses and acute shocks they may experience.

EL PASO CONTEXT

Elevation: 3,800 Ft

City Population (2014): 682,648

City Population Growth (2030): 734,031

City Population Density: 2,500/sq mi

Regional Population (2015): 2.5 million

Median Age: 32 Years

Population Ethnicity: 78% Hispanic / Latino

**Median Household Income: \$39,195 (71% of
US Average)**

City Land Area: 256 Sq Miles

Annual Rainfall: 8 - 10 inches

Annual Days of Sunshine: 297

Annual Triple Degree Days: 15.4

Highest # of Drought Days: 119

Regional R+D Expenditures: \$233 Million

5 Inland Ports of Entry

2nd Largest Int. Trade Crossing in the U.S.

**Largest Military Installation in the United
States (by land area)**

**2nd Largest Army Installation in the United
States (by Population)**



THE RESILIENCE CHALLENGE

SHOCKS

Flash Flooding

Extreme Heat

Sudden Freeze / Cold Snap

Drought

Acute Economic Disruption



STRESSES

Economic stagnation

Lack of industrial diversification

Aging / Failed infrastructure

Insufficient community mobility

Rapid Urban Sprawl

Unrealized land use plans

Lack of Consistent Regional Cohesion

Unemployment / Low Wages

Workforce Skill Gaps

Low ability to retain/attract talent + businesses

Insufficient supply of affordable housing

Pronounced poverty/inequity

Water scarcity

High instances of preventable disease

A VISION FOR RESILIENT EL PASO

- Supports the **social, economic and physical wellbeing** of our people, especially those that are the most vulnerable.
- Becomes a **global leader in using big data, technology, and innovative processes** to help solve resilience challenges
- Establishes a **resilience framework** that:
 - Brings together **diverse groups of experts** to solve problems
 - Addresses multiple challenges with targeted solutions (**layered impact, layered resources and layered risk**)
- Develops **measurable, scalable demonstrations** (physical pilot / standards, guidelines)
- Creates an **innovative culture** that's not afraid to fail



EL PASO'S MAJOR CHALLENGES

- **Water Scarcity (Extended Drought)** : affects urban tree canopy and farmers, plus it strains our relationships with NM and Mexico
- **Uncontrolled sprawl:** increased cost to extend infrastructure / limited resources
- Lack of **Green Infrastructure Development**
- **High civic pride, low civic engagement**
- **High instances of preventable disease paired with lack of access to healthcare**
- **Lack of coordination and communication among regional entities**
- **Outsider misconceptions (El Paso is dangerous and there's nothing to do there)**



The purpose of pursuing resilience is not simply to brace El Paso for the next emergency, but to leverage our challenges as opportunities, reinforcing our ability to move beyond survival toward a thriving future.



EL PASO'S FOCUS AREAS



HEALTHY CITY, HEALTHY PEOPLE

How do we transform behavior, advance municipal systems and enhance infrastructure to create a physical environment capable of sustaining a high quality of life standard?

INNOVATE TO THRIVE

How do we build upon an emerging culture of innovation allowing entrepreneurs to create and sustain new industry able to address regional environmental challenges?

EMPOWER EL PASO

How do we engage and inform El Pasoans in order to survive and thrive in the face of shocks and stressors?

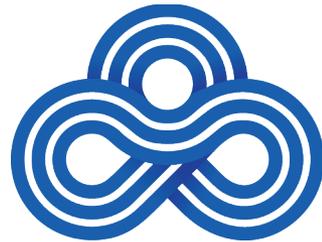
ELEVATE EL PASO

How do we leverage El Paso's strong cultural and physical assets to elevate our city profile both regionally and in the global context?

EL PASO'S OPEN QUESTIONS

- What tools should we use to tell the story of resilience in El Paso in a way that can resonate across a diverse citizenry?
- How can the city leverage the sustainable city brand toward further economic development opportunity?
- How do we develop effective governance practices in support of private sector partnerships?
- What is the key data required for smart city decision making?
- How can we effectively reach and engage all El Pasoans, specifically undocumented populations and other disadvantaged residents?





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