

Sustainable Cities Network Kick Off Meeting

**February 25, 2009
Tempe Transportation Center**

Kickoff Meeting Participants

City of Apache Junction
City of Avondale
Town of Buckeye
City of Chandler
City of El Mirage
Fort McDowell Yavapai Nation
Town of Fountain Hills
Town of Gila Bend
Gila River Indian Community
City of Glendale
City of Goodyear
League of Cities & Towns

City of Maricopa
Maricopa County
MAG
City of Mesa
Town of Paradise Valley
City of Peoria
City of Phoenix
Town of Queen Creek
Salt River Pima Maricopa
Indian Community
City of Scottsdale
City of Tempe

Facility Operations

Community Services

Purchasing

Transportation

Education

Conservation

***Bringing Science to Practice,
and the Practical to Science***

Air Quality

Environmental Management

Green
Building

Economic
Development

Climate Change

Solar Technology

Planning for Growth

Renewable Energy

Waste Management

Water Sustainability

Steering Committee

City of Apache Junction – George Hoffman

City of Chandler – Jennifer Morrison

City of El Mirage – Scott Chesney

City of Glendale – Jo Miller

City of Maricopa – Nicole Dailey

City of Mesa – Scott Bouchie

City of Peoria – Chris Jacques

City of Phoenix – Tammy Perkins

City of Scottsdale – Anthony Floyd, Andrew Kocisky

City of Tempe – Bonnie Richardson

ASU Partners

Herberger Center for Design Research

Stardust Center for Affordable Homes & The Family

“Meeting the needs of present generations, while not compromising the ability of future generations to meet their own needs.”

-United Nations: *Our Common Future: The Report of the World Commission on Environment and Development*. (aka the Brundtland Report) 1987



Metaphors for Sustainability

The Earth does not belong to us. We are borrowing it from our grandchildren.

Treating the Earth as if you intended to stay

Spaceship Earth

Stewardship

*Taking responsibility for
Personal choices*

Don't eat your seed corn.



Finding the sweet spot

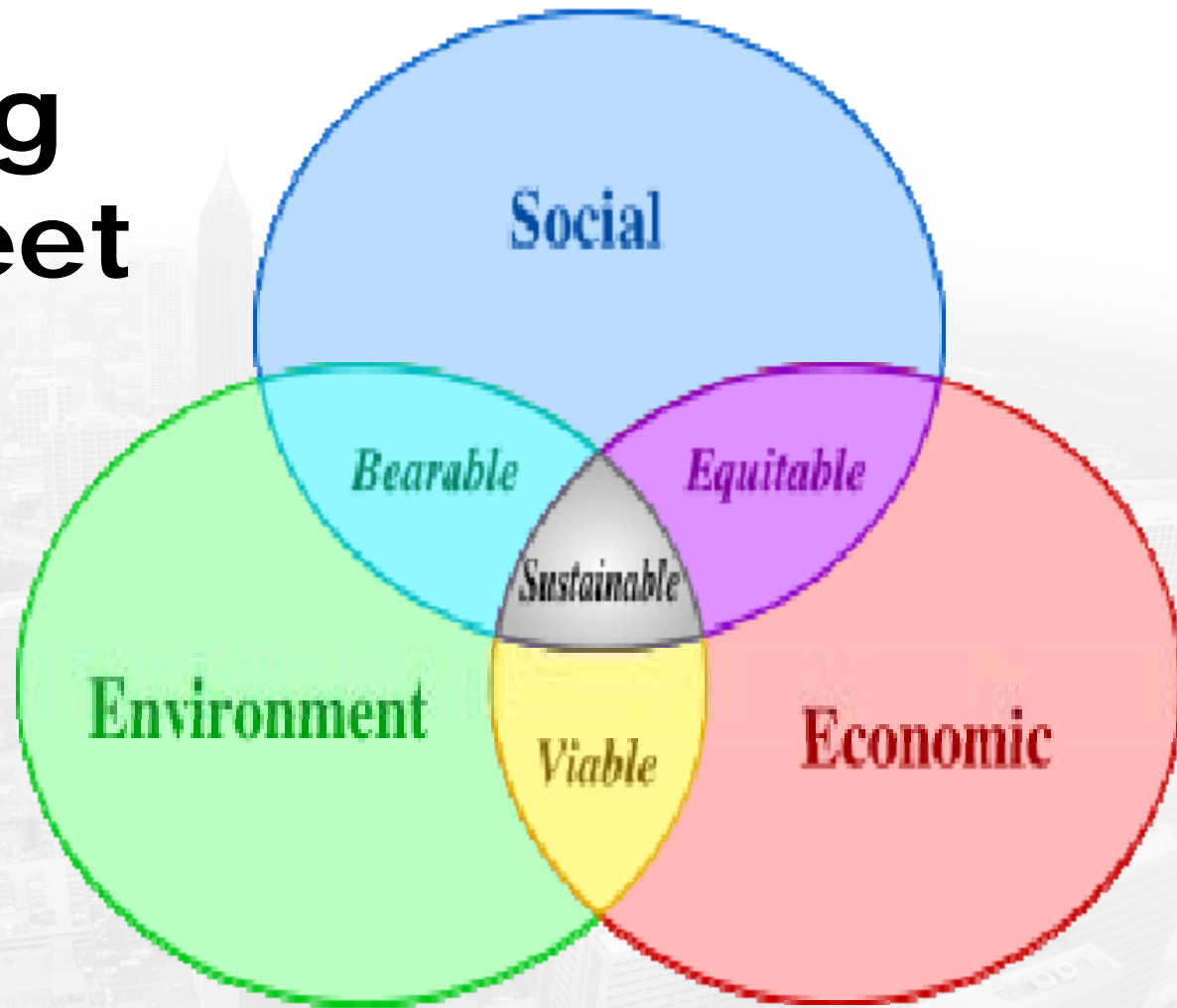


IMAGE: VENN DIAGRAM ILLUSTRATING THE PATH TO SUSTAINABLE DEVELOPMENT.

SUSTAINABILITY

$$S = f(P * R * L * T * G + A)$$

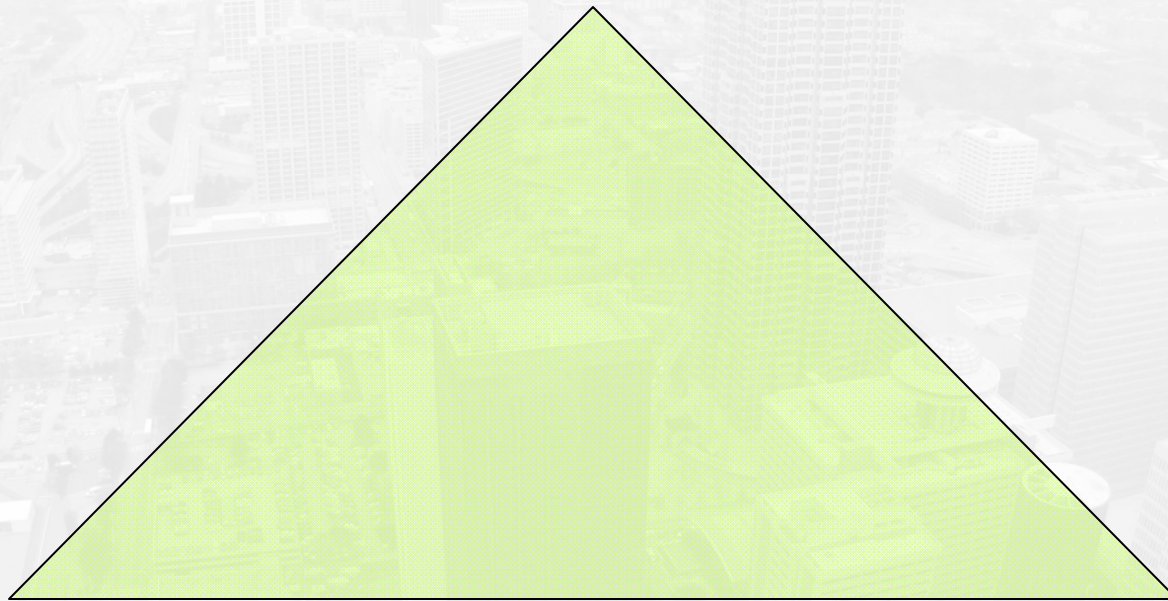
- **P: Population**
- **R: Resource Base (including Climate)**
- **L: Lifestyle (Consumption Patterns)**
- **T: Technology for Managing Resources**
- **G: Governance**
- **A: Adaptation (Resilience)**

What Is Most Critical to Advance Sustainability

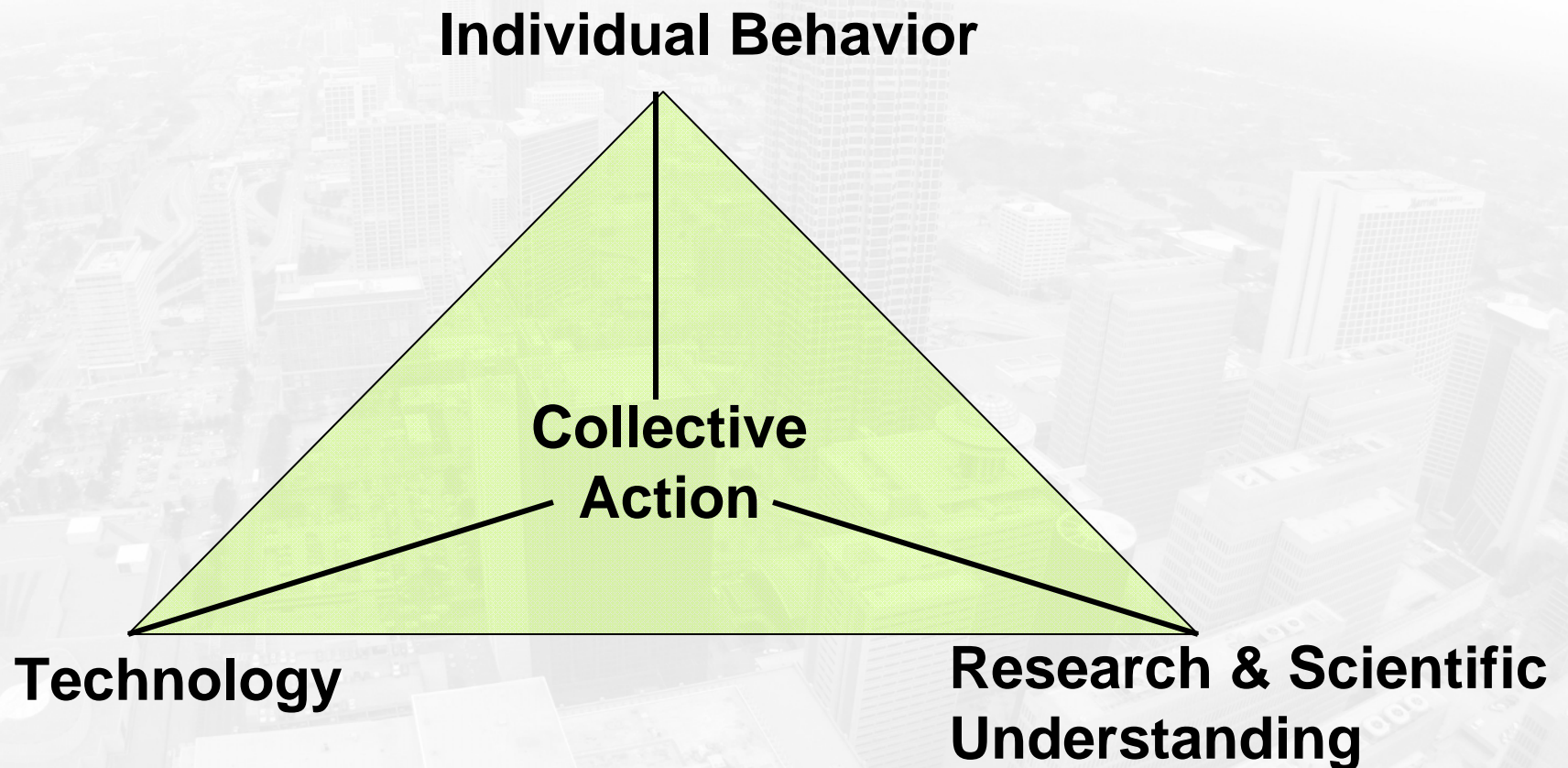
Individual Behavior

Technology

**Research & Scientific
Understanding**



What Is Most Critical to Advance Sustainability



A Global Responsibility: If we can't work it out here who can?

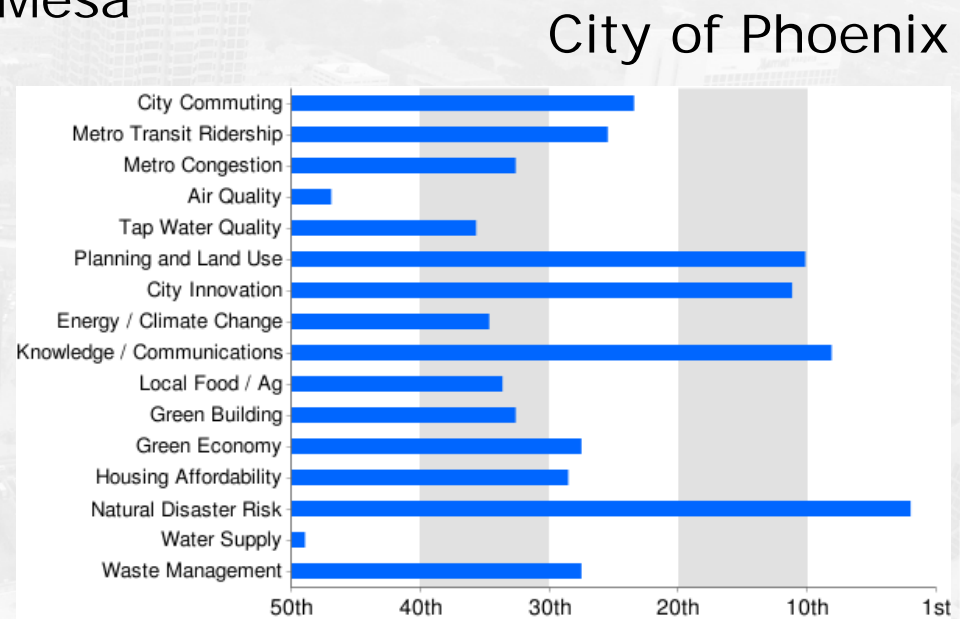
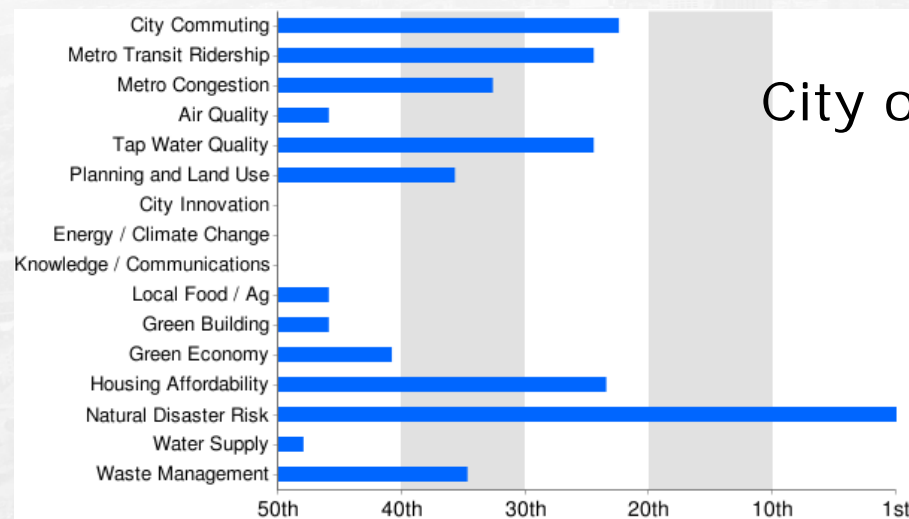
"We assume a collective responsibility to advance and strengthen the interdependent and mutually reinforcing pillars of sustainable development — economic development, social development and environmental protection — at local, regional, and global levels."

Johannesburg Declaration
on Sustainable Development



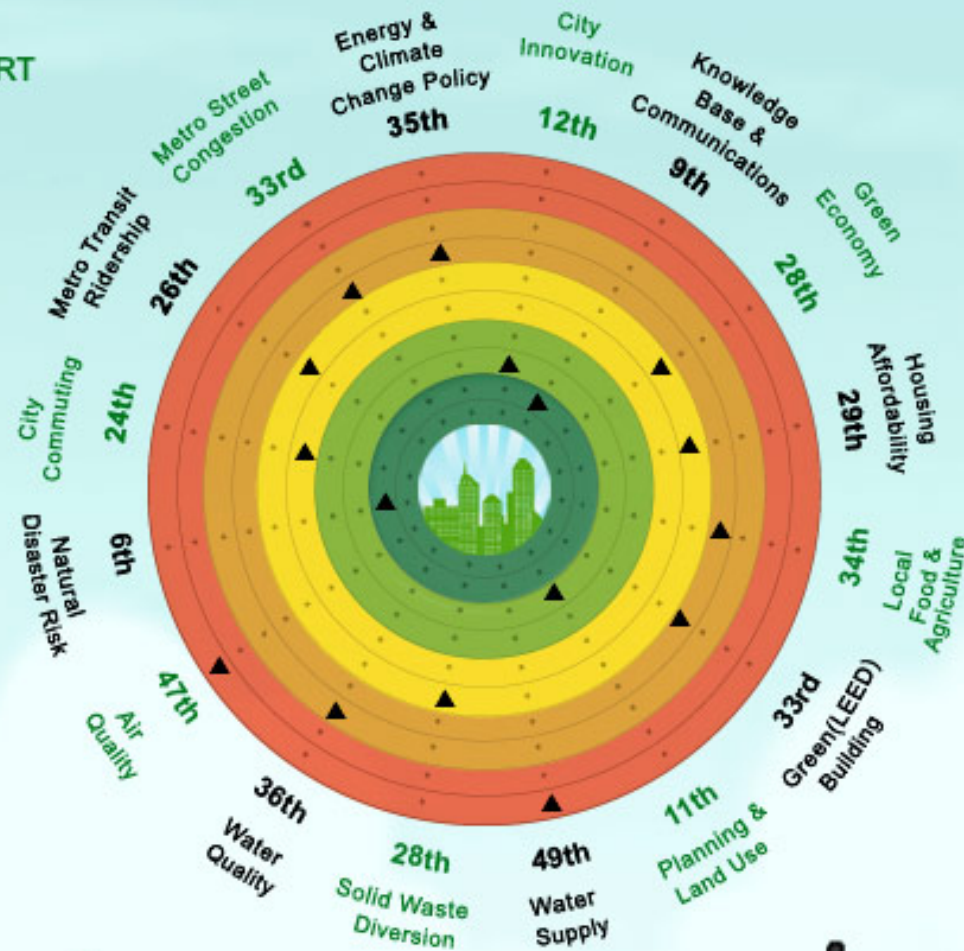
In green ranking, Phoenix slips below Detroit *The Arizona Republic 9-23-08*

*“Ever wonder who gets to proudly bear the moniker “The Greenest City”?
Hint: It's not Phoenix.”*



Sustain Lane 08 City Sustainability Rankings

32. Phoenix, AZ 2008 CITY CHART



Welcome

- *Bonnie Richardson (City of Tempe)*

Introduction

- *Jim Holway (ASU)*

Potential Activities “brainstorm list”

- *Tammy Perkins (City of Phoenix)*

Solar Working Group

- *Scott Bouchie (City of Mesa)*
- *Anthony Floyd (City of Scottsdale)*

Best Practices Activities

- *Nicole Dailey (City of Maricopa)*
- *Scott Chesney (City of El Mirage)*

Discussion & Future Directions

- *Sustainable Cities Network Steering Committee*