

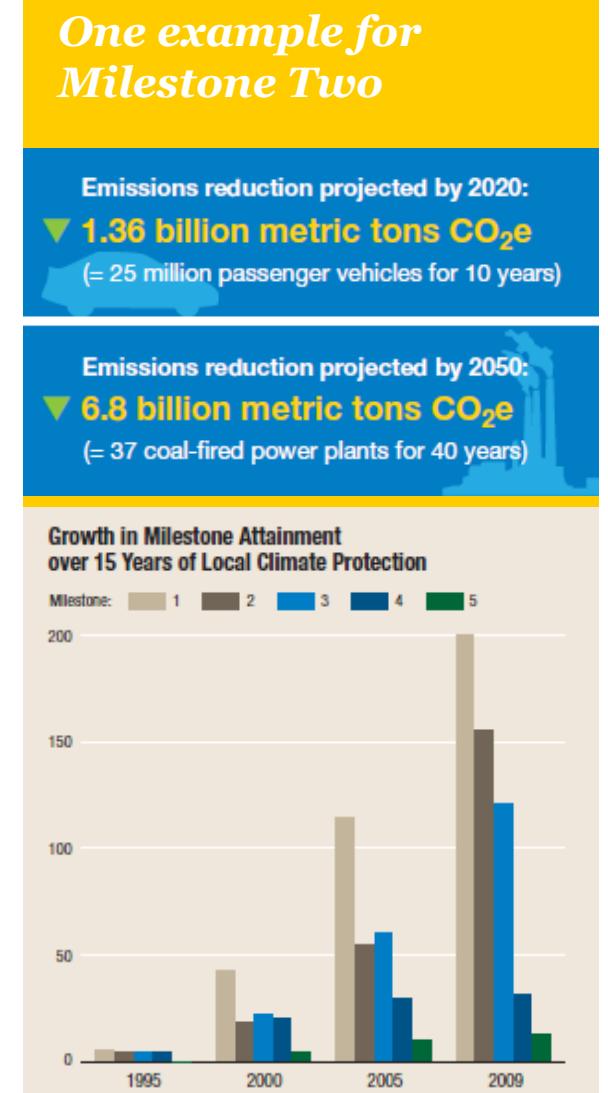


STAR Community Index



Pathways to Urban
Sustainability
Houston, Texas
January 19, 2012

ICLEI's 5 Milestones for Sustainability





STAR Community Index

STAR is a ground-breaking measurement and rating system for sustainability performance at the community scale.

- Provides a national standard for sustainability
- Consensus-based rating system
- Technology: Sustainability planning and performance management tool

Partners

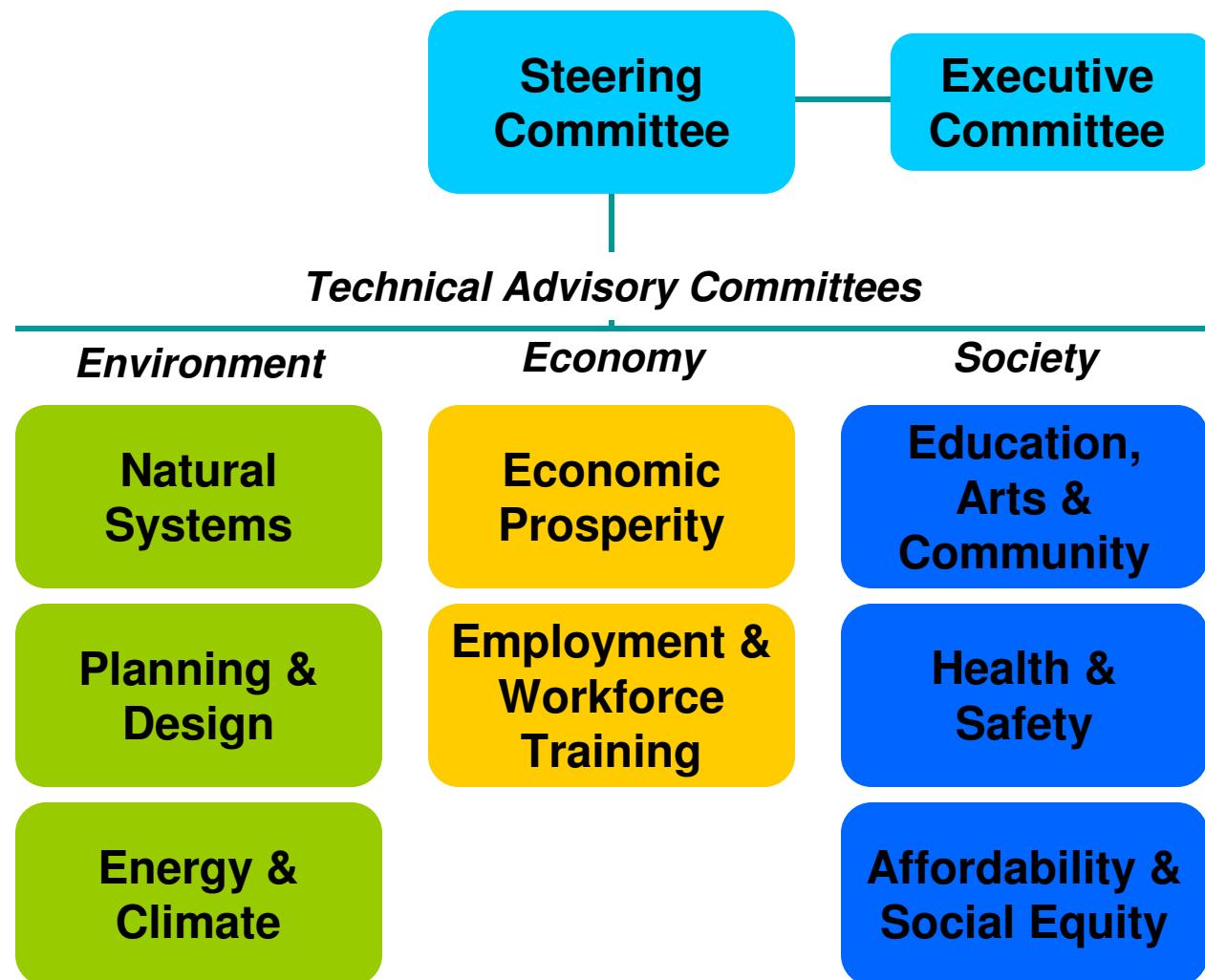


Center for American Progress





Stakeholder Process





STAR Guiding Principles

- Think—and act—systemically
- Instill resiliency
- Foster innovation
- Redefine progress
- Live within means
- Cultivate collaboration
- Ensure equity
- Embrace diversity
- Inspire leadership
- Continuously improve



Criteria for Validation Measures

- Relevant
- Systemic
- Feasible
- Reliable
- Timely
- Valid
- Useful

Review process in place that includes:

- Technical Advisory Committees
- Data Committee
- Beta Communities
- Steering Committee

Indicators must be simultaneously meaningful in two different domains: that of science and that of policy.

- Wouter Biesiot,
Indicators and Information
Systems for Sustainable
Development

Environment



Natural Systems



Boulder

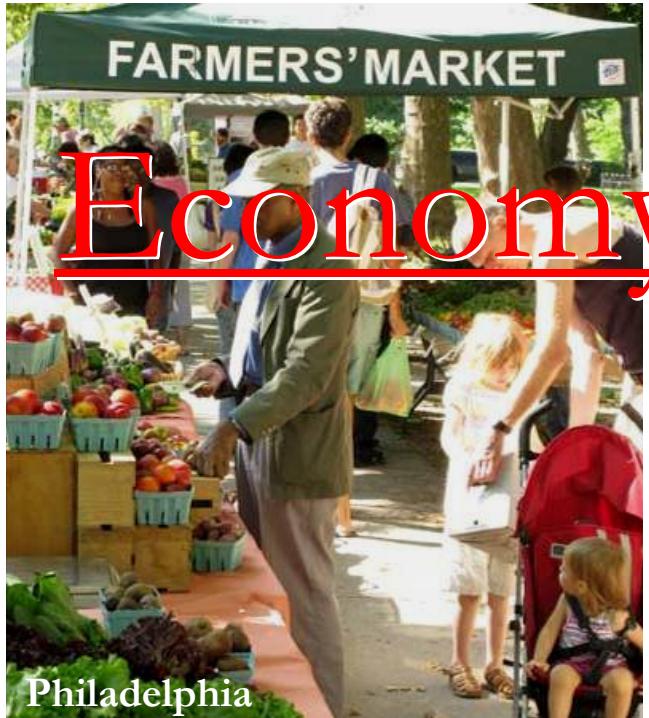
Planning & Design



Albuquerque

Energy & Climate

Natural Ecosystems	Comprehensive Planning	Greenhouse Gas Mitigation
Green Infrastructure	Transportation & Mobility	Energy Use
Watershed & Land Use	Compact & Complete Communities	Energy Supply
Waste Minimization	Housing	Energy Smart Buildings
Water Quality & Supply	Interconnected Land Use	Climate Adaptation
Drinking Water Quality	Historic Preservation & Cultural Heritage	Alternative Fuels & Infrastructure
Biodiversity & Invasive Species	Public Engagement & Participation	Industrial Sector Energy Use
Resource Lands	Land Conservation	Agricultural Climate Impacts
Agriculture & Aquaculture	Code Barriers	
Ambient Noise & Light	Public Spaces	
	Excellence in Design	
	Design for People	



Economic Prosperity

Enterprise Support
Industry Sector Development+Revitalization
Market Development
Community-Based Economic Development
Economic Localization
Land Redevelopment & Revitalization
Food System

Employment & Workforce Training

Employment Opportunity
Employment Benefits
Labor Rights
Living Wages
Supportive Workplaces
Workplace Learning & Career Paths
Workforce Development Comprehensive Plan
Workforce Training
Resources for Success

“What if... the economy worked for people and communities, and not the other way around”.



Education, Arts & Community

Education Opportunities	Health System	Government Transparency
Education Environments	Health & Safety Literacy	Revenue Generation
School-Community Engagement	Workplace Health & Safety	Public Expenditures & Financial Investment
Ecological Literacy	Food Access & Nutrition	Infrastructure Investment
Arts & Culture	Drinking Water Quality	Social Cohesion
Arts & Cultural Civic Support	Outdoor Air Quality	Human Services
Cultural Practices	Indoor Air Quality	Poverty Prevention & Alleviation
Neighborhood Vitality	Toxics Reduction	Civil & Human Rights
Civic Literacy + Engagement	Natural & Human Hazards	Social & Cultural Diversity
Financial Literacy	Emergency Prevention & Response	Environmental Justice
Cultural Practices	Safe Communities	Equity Literacy
	Active Living & Recreation	Adjudication & Restorative Justice
		Community Empowerment
		Equity Assessment & Planning

Validation Measure Example

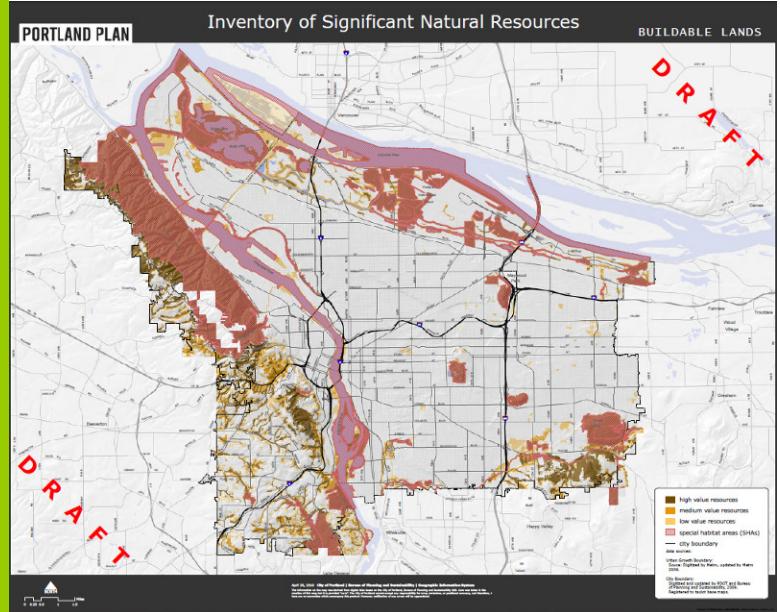
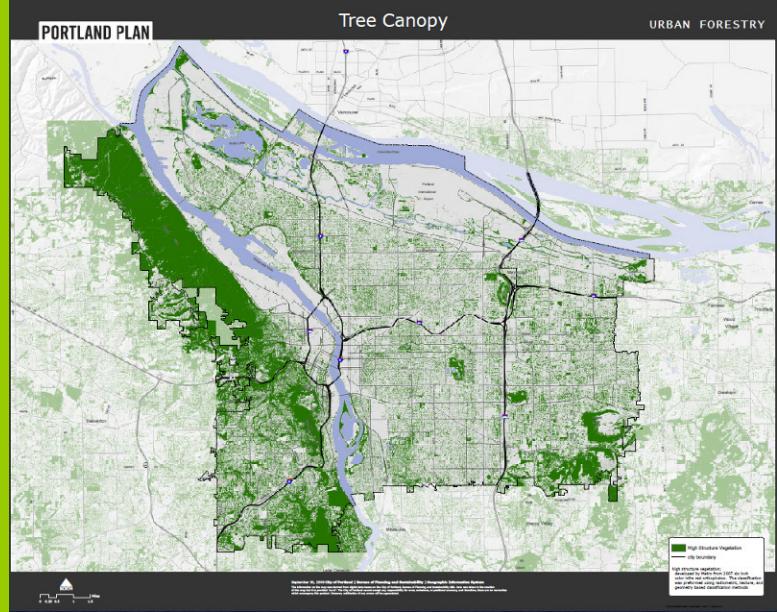
GOAL AREA: Nature

Validation Measure:

A. Conduct Natural Systems Inventory of existing conditions, including maps of:

- Watersheds, habitat, ecosystems, conservation lands, key species
- Geology
- Natural assets (e.g. tree canopy)
- Environmentally critical areas
- Parks and open space

B. Establish conservation & restoration targets & develop Natural Systems Plan



Validation Measure Example

GOAL AREA: Greenhouse Gas Mitigation

Validation Measure:

- A. Complete the 5 Milestones for Climate Protection (local government operations and community-wide emissions):

- #1: Conduct a GHG emissions inventory
- #2: Adopt reduction target
- #3: Develop Climate Action Plan
- #4: Implement the Plan
- #5: Measure Progress & Report Results

CITY OF PORTLAND AND MULTNOMAH COUNTY

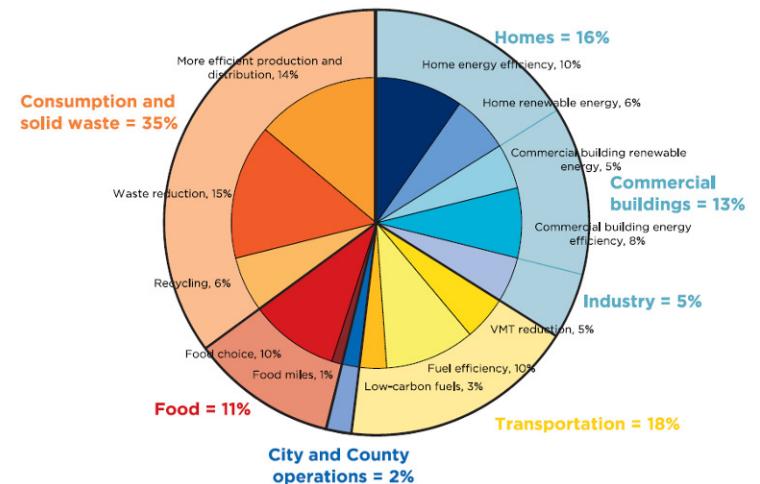
CLIMATE ACTION PLAN 2009

City of Portland Bureau of
Planning and Sustainability
Sam Adams, Mayor | Susan Anderson, Director

MULTNOMAH COUNTY
Sustainability Program
Jeff Cogen, County Commissioner

CLIMATE ACTION PLAN

(APPROXIMATE CONTRIBUTION TO 2030 EMISSION-REDUCTION GOAL)

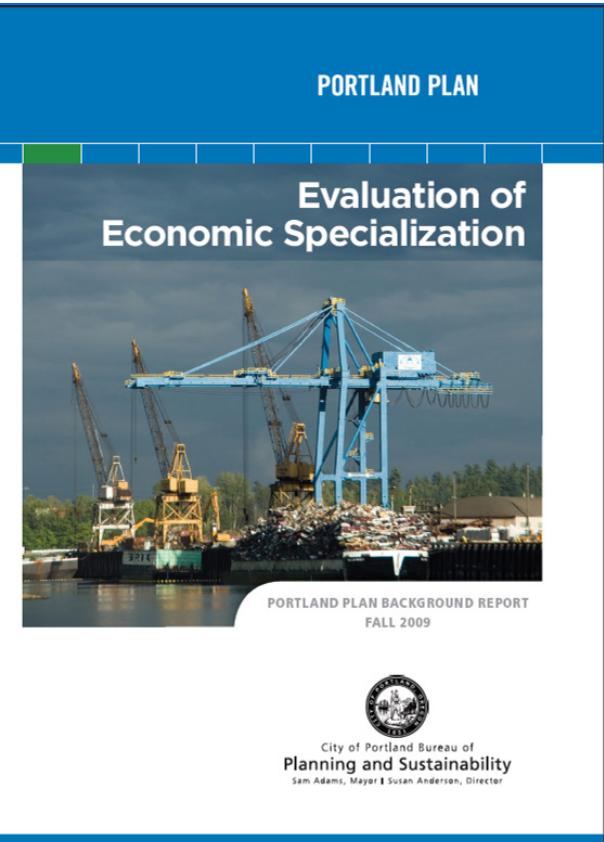


Validation Measure Example

GOAL AREA: Industry Sector Economic Development & Revitalization

Validation Measure:

- A. Conduct and make publicly available an Industry Sector Economic and Revitalization Assessment
- B. Develop Industry Sector Economic and Revitalization Plan
- C. Implement & show progress toward performance metrics:
 - Green jobs, living wage jobs, employment, other locally defined benchmarks



The Portland Plan addresses growth in key industry sectors, green jobs and in sustainable business practices, both areas in which Portland is already recognized as a leader.

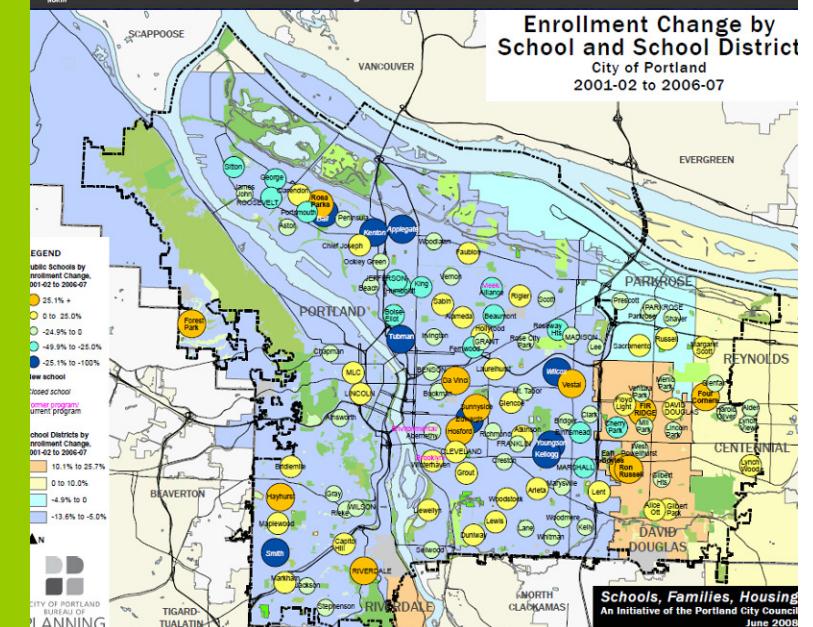
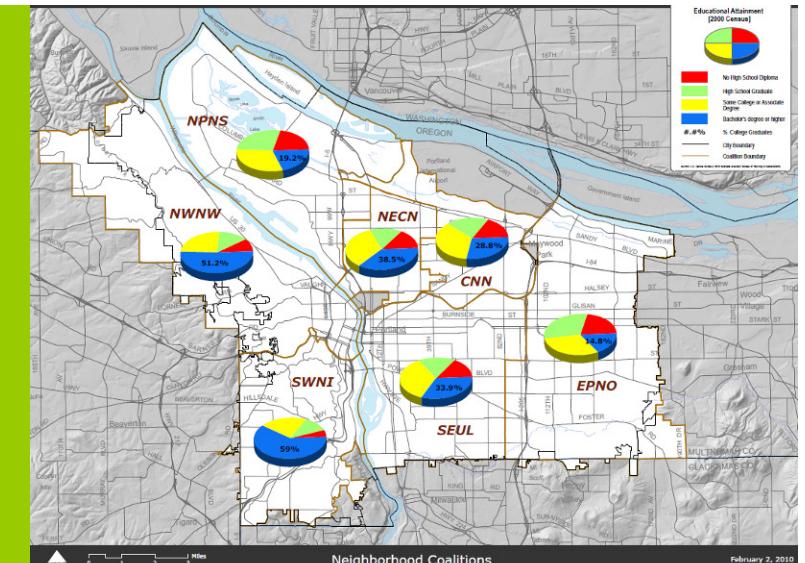
Validation Measure Example

GOAL AREA: Educational Opportunities

- **Validation Measure:**

A. Four-year adjusted cohort high school graduation rate for all schools within the jurisdiction meets the performance levels listed below and is uniformly applied to all student groups.

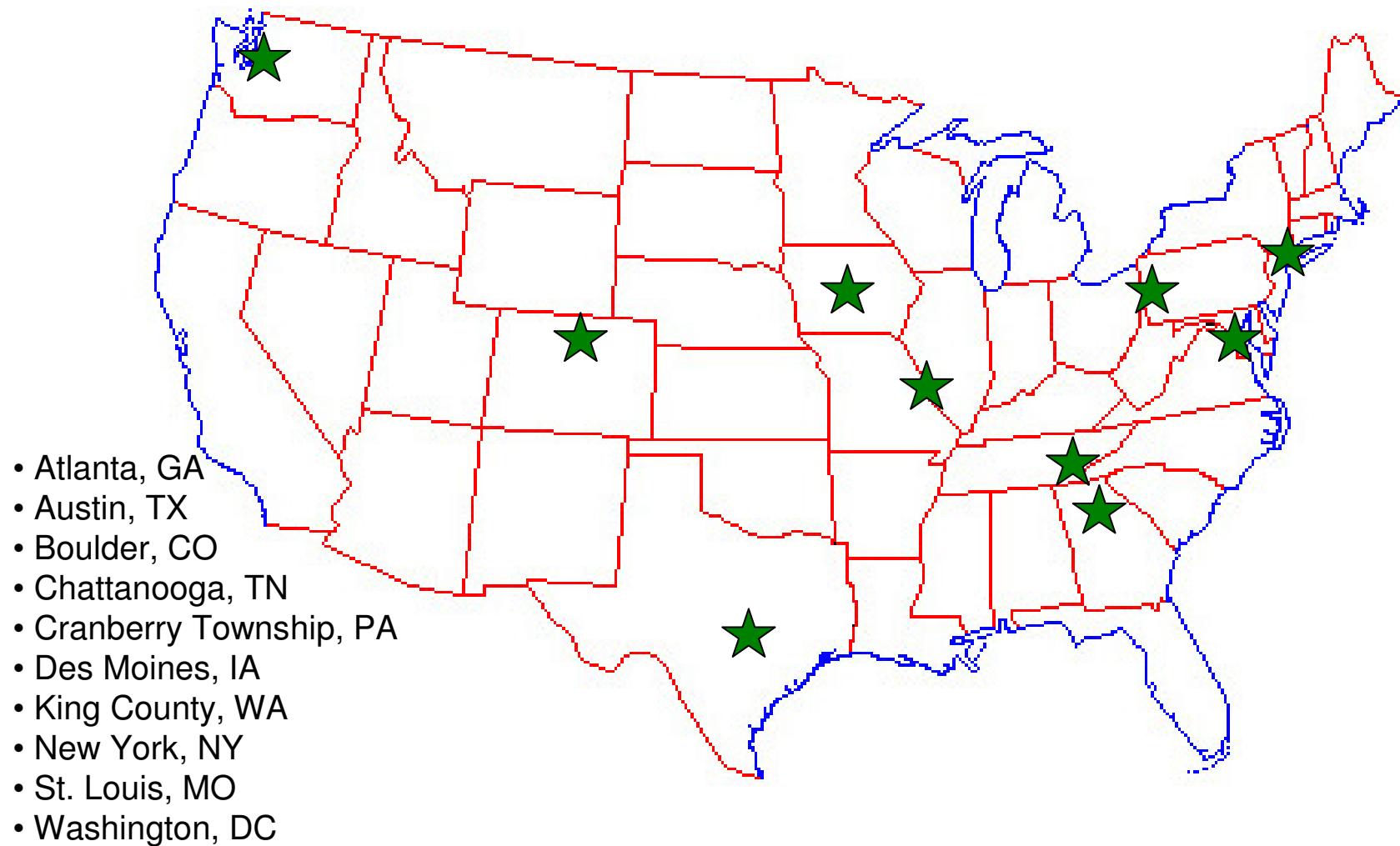
Level	Jurisdictional Average	Individual School Minimum	Student Group Minimum
1	80	75	70
2	85	80	75
3	90	85	85



Education Attainment + School Enrollment



STAR Beta Communities





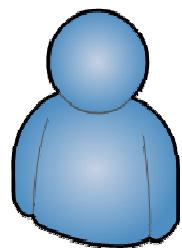
The STAR Online Platform

- Leading tool for sustainability planning and performance management
- Easy to use and maintain
- Integrated into local government management functions and reporting – used throughout the government
- Increases transparency
- Enables collaboration and sharing of best practices
- Leverages geo-spatial technology to report on sustainability metrics
- Central repository for local sustainability actions
- Leverages commonly collected data



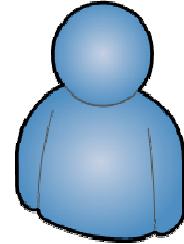


Process



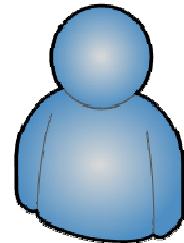
Sustainability Office

- Register a STAR community
- Select goals
- Manage goals
- Manage data
- Request rating
- Report on progress
- Report on aggregate performance
- Purchase STAR resources
- Publish to sustainability dashboard



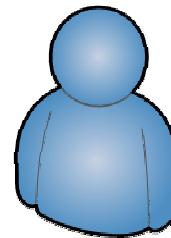
Local Government Staff

- Support the baseline assessment
- Collaborate on goals / planning
- Contribute data
- Provide GIS data



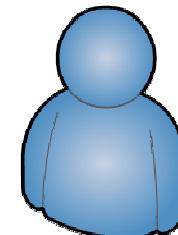
GIS Specialist

- Support the baseline assessment
- Produce cartographic deliverables
- Use templates
- Manage spatial data publishing
- Support goal planning process



ICLEI Staff / Verifier

- Manage registered communities
- Review rating/credit requests
- Financial management
- Aggregate reporting
- Publish to STAR sustainability dashboard



Public

- sustainability dashboard
- Submit feedback



Thank you!

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