

Comprehensive Planning & Smart Growth: Integrating Sustainability into Your Community's Comprehensive Plan

David Rouse, AICP, American Planning Association

Aaron Lande, STAR Communities

John Zeanah, AICP, Memphis-Shelby County Office of Sustainability

Patrice Carroll, City of Seattle



American Planning Association
Making Great Communities Happen

Comprehensive Plan Standards for Sustaining Places

New Partners for Smart Growth
Portland, Oregon
February 11, 2016



Image: Michael Silberstein/Creative Commons 2.0



American Planning Association
Making Great Communities Happen

What is a Comprehensive Plan?

- Official policy statement guiding future growth, preservation, or change of the local legislative body
- Long-range timeframe of 20-30 years
- Addresses a range of interconnected systems
 - e.g., land use, transportation, housing, economic development, the environment, public health, climate change, intergovernmental cooperation
- Provides the legal foundation for local development regulations

As the leading policy document guiding the long-range development of local jurisdictions in the United States, the comprehensive plan plays a critical role in planning for sustainability.

- *Sustaining Places: Best Practices for Comprehensive Plans, January 2015*

Effective Comprehensive Plans

Integrated

- covering multiple, interconnected community systems (land use, transportation, natural resources, economic development, etc.)

Inclusive

- involving citizens in the planning process from visioning and goal setting to establishing priorities for action

Implementable

- providing the mandate to guide development, capital investment, and other long-range decision-making by local governments

Scalable

- setting the framework for action at the intra-jurisdictional (district and site) and extra-jurisdictional (neighboring communities, region, and beyond) levels

Comprehensive Plan Standards for Sustaining Places

The ultimate aim is to help planners and the communities they serve realize the powerful potential of the comprehensive plan to sustain twenty-first century places.

-American Planning Association, January 2015



Pilot Communities

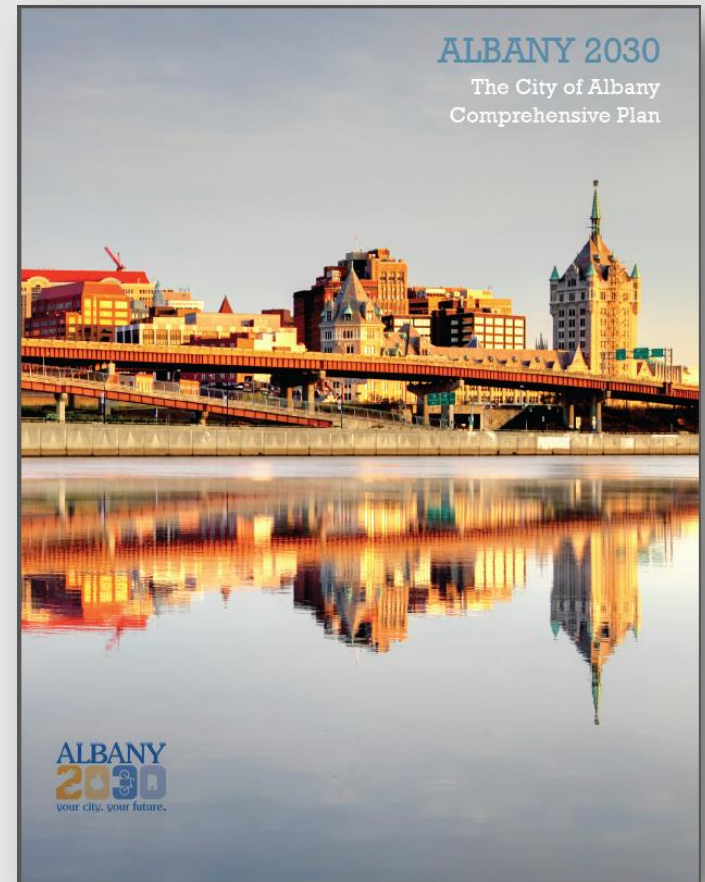
| Pilot Community | Population |
|---------------------------|------------|
| Savona, NY | 822 |
| Foxborough, MA | 16,865 |
| Wheeling, WV | 28,213 |
| Goshen, IN | 31,719 |
| Rock Island, IL | 39,018 |
| Auburn, WA | 70,180 |
| New Hanover County, NC | 202,677 |
| Oklahoma City, OK | 599,199 |
| Seattle, WA | 634,535 |
| Memphis/Shelby County, TN | 927,644 |

Comprehensive Plan Standards Framework

- **Principles:** *normative statements of intent* that underlie a plan's overall strategy, including its goals, objectives, policies, maps, and other content.
- **Processes:** *planning activities* that take place during the preparation of a comprehensive plan and define how it will be implemented.
- **Attributes:** *plan-making design standards* that shape the content and characteristics of comprehensive plans.
- **Best Practices:** *planning action tools* that activate the principles, processes, and attributes.

Plan Principles

1. Livable Built Environment
2. Harmony with Nature
3. Resilient Economy
4. Interwoven Equity
5. Healthy Community
6. Responsible Regionalism



Plan Principles

1. Livable Built Environment

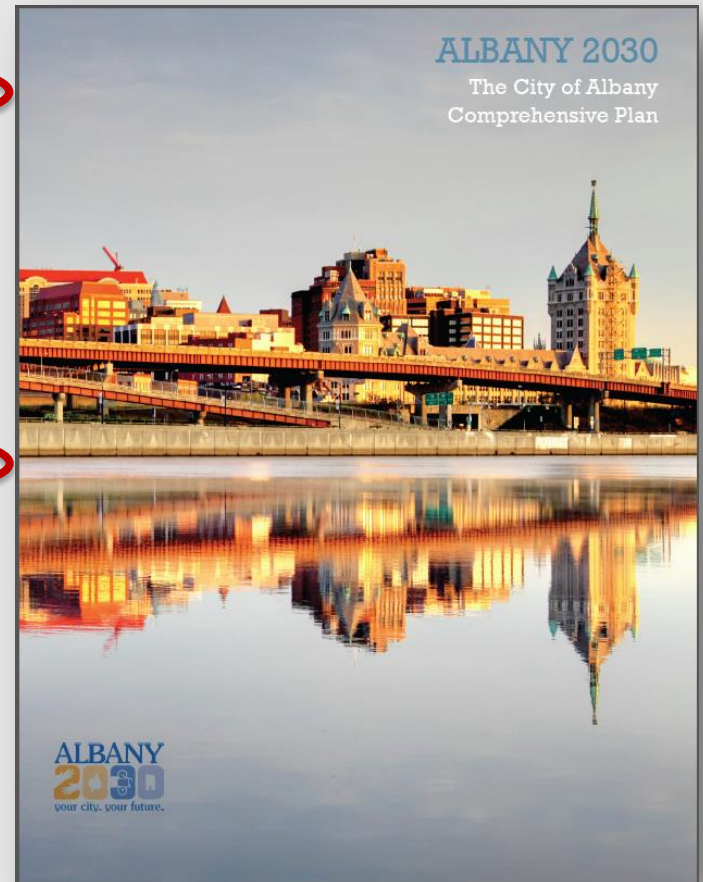
2. Harmony with Nature

3. Resilient Economy

4. Interwoven Equity

5. Healthy Community

6. Responsible Regionalism



Plan Processes and Attributes

7. Authentic Participation
8. Accountable Implementation
9. Consistent Content
10. Coordinated Characteristics

Plan Processes and Attributes

7. Authentic Participation

8. Accountable Implementation

9. Consistent Content

10. Coordinated Characteristics

1. Livable Built Environment

Ensure that all elements of the built environment, including land use, transportation, housing, energy, and infrastructure, work together to provide sustainable, green places for living, working, and recreation, with a high quality of life.



Livable Built Environment: Best Practices

1.1 Plan for multi-modal transportation.

1.7 Encourage design standards appropriate to the community context.

1.2 Plan for transit-oriented development.

1.8 Provide accessible public facilities and spaces.

1.3 Coordinate regional transportation investments with job clusters.

1.9 Conserve and reuse historic resources.

1.4 Provide complete streets serving multiple functions.

1.10 Implement green building design and energy conservation.

1.5 Plan for mixed land-use patterns that are walkable and bikeable.

1.11 Discourage development in hazard zones.

1.6 Plan for infill development.

4. Interwoven Equity

Ensure fairness and equity in providing for the housing, services, health, safety, and livelihood needs of all citizens and groups.



Photo: City of Austin

Interwoven Equity: Best Practices

4.1 Provide a range of housing types.

4.6 Upgrade infrastructure and facilities in older and substandard areas.

4.2 Plan for a jobs/housing balance.

4.7 Plan for workforce diversity and development.

4.3 Plan for the physical, environmental, and economic improvement of at-risk, distressed, and disadvantaged neighborhoods.

4.8 Protect vulnerable populations from natural hazards.

4.4 Plan for improved health and safety for at-risk populations.

4.9 Promote environmental justice.

4.5 Provide accessible, quality public services, facilities, and health care to minority and low-income populations.

7. Authentic Participation

Ensure that the planning process actively involves all segments of the community in analyzing issues, generating visions, developing plans, and monitoring outcomes.



Photos: City of Seattle

8. Accountable Implementation

Ensure that responsibilities for carrying out the plan are clearly stated, along with metrics for evaluating progress in achieving desired outcomes.

SCENARIO PERFORMANCE

| | | | |
|--|---------|-------|--------|
| NEW JOBS ADDED (SAME IN ALL SCENARIOS) | 172,000 | | |
| NEW RESIDENTS ADDED (SAME IN ALL SCENARIOS) | 312,000 | | |
| | A | B | C |
| \$ COST OF CITY SERVICES AND INFRASTRUCTURE | 853M | 900M | 778M |
| MORE/LESS AUTOMOBILE EXPENSE | +36 | -6 | -53 |
| MORE/LESS TIME SPENT IN VEHICLE | +75 | -2 | -53 |
| ADDITIONAL VEHICLE WRECKS | 7 | 46 | 13 |
| PUBLIC SAFETY OPERATIONS COSTS | 404M | 385M | 400M |
| ROAD MAINTENANCE COSTS | 58M | 53M | 68M |
| UTILITIES OPERATIONS COSTS | 208M | 189M | 180M |
| NEW DEVELOPED SQUARE MILES | 195 | 139 | 76 |
| PERCENT OF NEW HOMES THAT ARE SINGLE-FAMILY | 78% | 70% | 87% |
| NEW ROADS BUILT | 46 | 36 | 24 |
| INFILL HOUSING | 132 | 316 | 546 |
| INCREASE IN ABANDONED HOMES | 8.9% | 3.9% | 0 |
| INFILL JOBS | 71.3K | 69.5K | 105.5K |
| CHANGE IN DAILY PHYSICAL ACTIVITY | 9% | 10% | 139% |
| WALKING, BICYCLING, OR TRANSIT USAGE | 3% | 5.5% | 8% |
| WATER USE FOR LANDSCAPING | 144 | 179 | 156 |
| INCREASE IN CARBON EMISSIONS | 57% | 46% | 48% |

Recognition Program

- Voluntary program
- Provides recognition to communities that are integrating sustainability into their comprehensive plans
- Pilot phase in 2016
- At least 10 plans will be reviewed, scored, and eligible for recognition

APPENDIX C: PLAN SCORING MATRIX

| BEST PRACTICES FOR PLAN PRINCIPLES | N/A | 0 | 1 | 2 | 3 | Source |
|---|-----|---|---|---|---|--------|
| 1. LIVABLE BUILT ENVIRONMENT—Ensure that all elements of the built environment, including land use, transportation, housing, energy, and infrastructure, work together to provide sustainable, green places for living, working, and recreation, with a high quality of life. | | | | | | |
| 1.1. Plan for multimodal transportation. | | | | | | |
| 1.2. Plan for transit-oriented development. | | | | | | |
| 1.3. Coordinate regional transportation investments with job clusters. | | | | | | |
| 1.4. Provide complete streets serving multiple functions. | | | | | | |
| 1.5. Plan for mixed land-use patterns that are walkable and bikeable. | | | | | | |
| 1.6. Plan for infill development. | | | | | | |
| 1.7. Encourage design standards appropriate to the community context. | | | | | | |
| 1.8. Provide accessible public facilities and spaces. | | | | | | |
| 1.9. Conserve and reuse historic resources. | | | | | | |
| 1.10. Implement green building design and energy conservation. | | | | | | |
| 1.11. Discourage development in hazard zones. | | | | | | |
| TOTAL SCORE: 1. LIVABLE BUILT ENVIRONMENT | | | | | | |

For more info:

www.planning.org/sustainingplaces/compplanstandards/



David Rouse, Research Director
American Planning Association

drouse@planning.org

202.349.1010



American Planning Association

Making Great Communities Happen



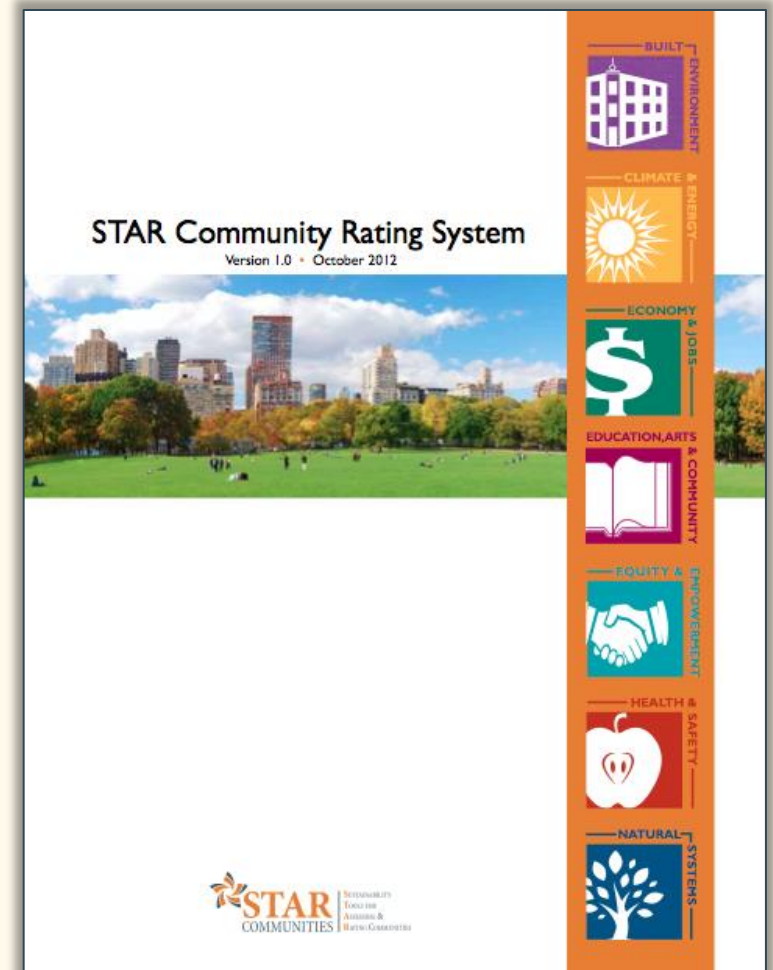
Integrating Sustainability into Your Community's Comprehensive Plan



New Partners for Smart Growth
Conference
February 11, 2016

STAR COMMUNITY RATING SYSTEM

The STAR Community Rating System (STAR) is the nation's leading **comprehensive framework and certification program** for measuring local sustainability. STAR was built by and for local governments and the communities they serve.



STAR DEVELOPMENT TIMELINE

- **2007:** STAR concept released at Greenbuild-Chicago and as a Clinton Global Initiative (CGI) commitment.
- **2008:** Founding partners (U.S. Green Building Council, National League of Cities, ICLEI and Center for American Progress) commence diverse, consensus-based stakeholder engagement process that includes more than 200 volunteers.
- **2012:** STAR Communities established as independent 501c3 nonprofit organization. Rating System v1.0 released in October. Tested by 30+ pilot communities in 2012-13.
- **2013:** First community becomes certified - Tacoma, WA.
- **2015:** 40 million people in 95+ cities and counties live in a STAR Community.
- **2016:** *50+ STAR Certified Communities, Post-Certification Workshops, Version 2.0, Leading STAR Community Indicators project launch*



THE STAR COMMUNITY RATING SYSTEM

Goal Areas & Objectives are rated and evaluated in the online system, helping local leaders set goals and measure progress across all areas.

| Built Environment | Climate & Energy | Economy & Jobs | Education, Arts & Community | Equity & Empowerment | Health & Safety | Natural Systems |
|--------------------------------|--|----------------------------------|--------------------------------------|----------------------------------|----------------------------------|-----------------------------|
| Ambient Noise & Light | Climate Adaptation | Business Retention & Development | Arts & Culture | Civic Engagement | Active Living | Green Infrastructure |
| Community Water Systems | Greenhouse Gas Mitigation | Green Market Development | Community Cohesion | Civil & Human Rights | Community Health & Health System | Invasive Species |
| Compact & Complete Communities | Greening the Energy Supply | Local Economy | Educational Opportunity & Attainment | Environmental Justice | Emergency Prevention & Response | Natural Resource Protection |
| Housing Affordability | Industrial Sector Resource Efficiency | Quality Jobs & Living Wages | Historic Preservation | Equitable Services & Access | Food Access & Nutrition | Outdoor Air Quality |
| Infill & Redevelopment | Resource Efficient Buildings | Targeted Industry Development | Social & Cultural Diversity | Human Services | Indoor Air Quality | Water in the Environment |
| Public Spaces | Resource Efficient Public Infrastructure | Workforce Readiness | | Poverty Prevention & Alleviation | Natural & Human Hazards | Working Lands |
| Transportation Choices | Waste Minimization | | | | Safe Communities | |

THE STAR FRAMEWORK

7 GOALS

Example: Built Environment

BROAD SUSTAINABILITY THEMES
WITH COMMUNITY-LEVEL
ASPIRATIONS

44 OBJECTIVES

Example: Housing Affordability

SUBCATEGORIES THAT MOVE THE
COMMUNITY TOWARD THE GOAL

108 OUTCOME MEASURES

Example: Demonstrate that 10% of units built
are dedicated as subsidized affordable housing

408 ACTION MEASURES

Example: Require, incentivize, or
subsidize creation of affordable housing

- 516 EVALUATION MEASURES USED TO ASSIGN POINTS
- CERTIFICATION LEVELS ARE BASED ON # OF POINTS ACHIEVED

CERTIFICATION LEVELS

Certified 5-STAR Community (600+ points)

Recognized as top tier achiever in national sustainability

Certified 4-STAR Community (400-599 points)

Recognized for national excellence

Certified 3-STAR Community (200-399 points)

Recognized for sustainability leadership

Reporting STAR Community

Currently pursuing certification

Member STAR Community

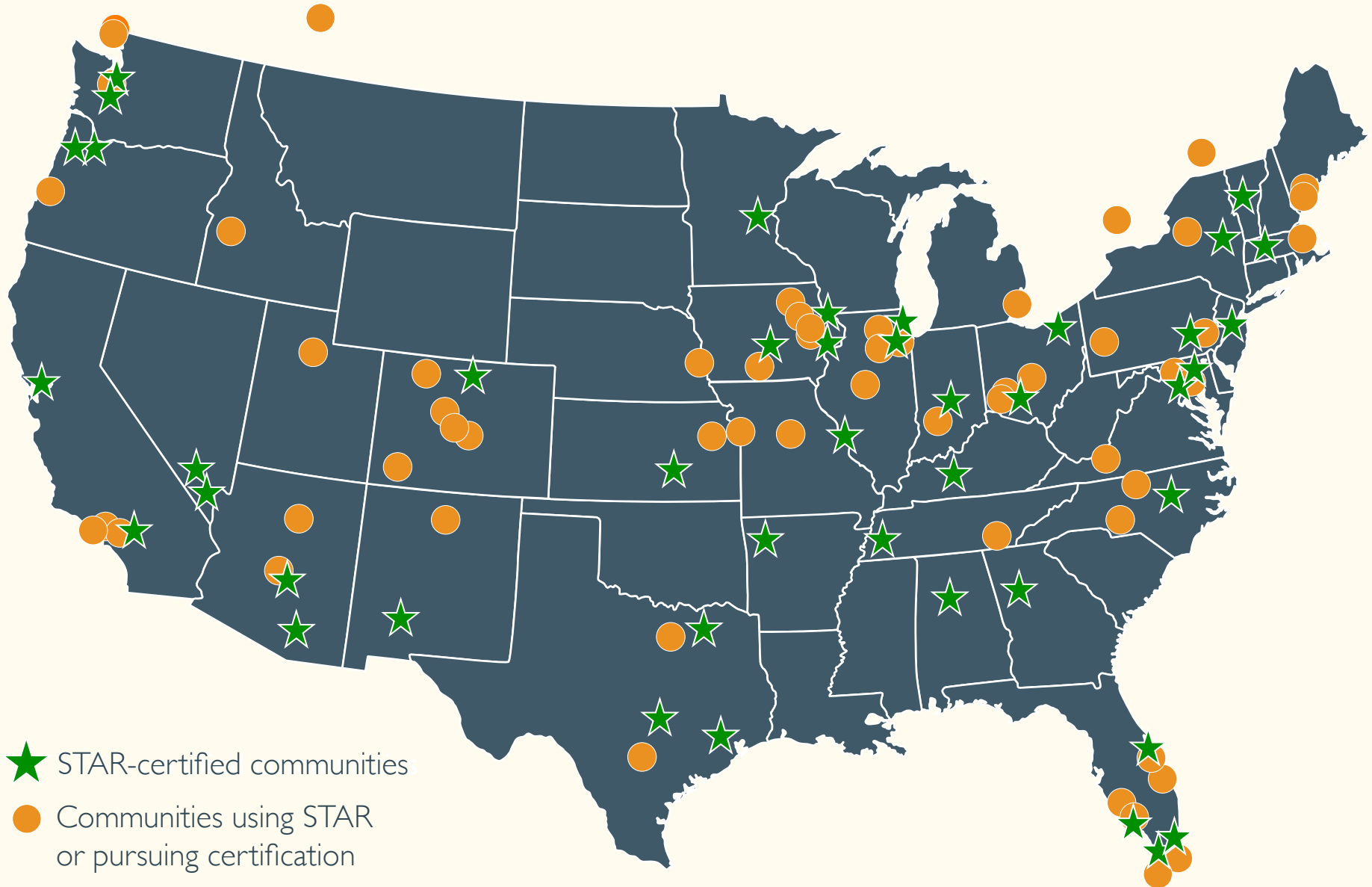
A community that has expressed a commitment to the STAR Communities' mission and is using the STAR Community Rating System informally



STAR CERTIFICATION PROCESS



NEARLY 100 COMMUNITIES IN THE US AND CANADA ARE USING STAR... THAT'S OVER 40 MILLION PEOPLE.



WHO IS STAR CERTIFIED?

As of January 2015, forty-five communities have received a verified STAR Community Rating.



5-STAR Community

- Baltimore, MD
- Northampton, MA
- Seattle, WA

4-STAR Community

- Austin, TX
- Dubuque, IA
- Memphis, TN
- Tucson, AZ
- Broward County, FL
- Evanston, IL
- Plano, TX
- Washington, DC
- Burlington, VT
- Henderson, NV
- Portland, OR
- Columbus, OH
- Las Vegas, NV
- Raleigh, NC
- Davenport, IA
- Louisville, KY
- Tacoma, WA

3-STAR Community

- Albany, NY
- Des Moines, IA
- Lee County, FL
- Rosemount, MN
- Atlanta, GA
- El Cerrito, CA
- Monroe County, FL
- Saint Louis, MO
- Beaverton, OR
- Fayetteville, AR
- Palm Bay, FL
- Wichita, KS
- Birmingham, AL
- Fort Collins, CO
- Park Forest, IL
- Woodbridge, NJ
- Blue Island, IL
- Houston, TX
- Phoenix, AZ
- Chandler, AZ
- Indianapolis, IN
- Reading, PA
- Cleveland, OH
- Las Cruces, NM
- Riverside, CA

CERTIFICATION HELPS COMMUNITIES:

- To strengthen plans and policies
- As a planning framework
- To catalyze local action
- To identify and implement new best practices
- To increase buy-in for sustainability work
- To identify gaps and prioritize investment
- To build strategic partnerships
- To communicate and brand sustainability
- To increase transparency and demonstrate accountability and leadership

USE STAR AS A PLANNING FRAMEWORK



The Connected Oasis

STAR provides framework for achieving vision.



Prosperity

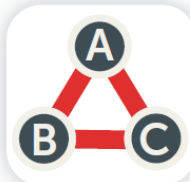


Health



Environment

STAR Goal Areas reflect Core Values in PlanPHX.



Connect People & Places



Celebrate Our Diverse Communities & Neighborhoods



Strengthen Our Local Economy



Build the Sustainable Desert City



Create an Even More Vibrant Downtown

STAR Outcomes provide metrics.



Plans



Codes



Operations



Financing



Partnerships



Knowledge



IPlanPHX

STAR Actions offer ideas for Tools, Policies, and

STRENGTHEN PLANS & POLICIES

- Plano Tomorrow plan is the vision; STAR provides measurable metrics
- Both support and inform one another
- STAR measures strengths and weaknesses and Plano Tomorrow prioritizes actions based on the desires of public and elected and appointed officials



IDENTIFY GAPS & PRIORITIZE INVESTMENT



Gaps identified through STAR Certification informed Seattle Mayor Murray's equity initiative:

- Local priorities include determining who is and isn't benefiting from Seattle's progress
- Engaging people of color, immigrants and refugees, low-income and limited-English proficiency individuals in environmental programs and implementation

EQUITY & EMPOWERMENT

75.8 / 100

| | |
|--|-----------|
| + EE-1: Civic Engagement | 10.5 / 15 |
| + EE-2: Civil & Human Rights | 10 / 10 |
| + EE-3: Environmental Justice | 5.3 / 15 |
| + EE-4: Equitable Services & Access | 18.8 / 20 |
| + EE-5: Human Services | 12.4 / 20 |
| + EE-6: Poverty Prevention & Alleviation | 18.8 / 20 |



IDENTIFY & IMPLEMENT BEST PRACTICES

Reading, PA adopted a Zero Waste Resolution and established a Food Policy Council in advance of verification

Reading seeks 3-star rating from nonprofit organization

By Carole Duran - Reading Eagle correspondent

Wednesday March 25, 2015 12:01 AM

READING - The Reading Environmental Advisory Council got an update on the city's STAR application from Brian Kelly, executive director of ReDesign Reading.

STAR, an acronym for Sustainability Tools for Assessing and Rating Communities, was developed by STAR Communities, a nonprofit organization. It works to help municipal leaders create a healthy environment, strong economy and sustainable future.

Kelly said Tuesday that the city's STAR application was submitted March 2. He expects it could take up to 45 days for the city to be evaluated and given a rating.

Rating points are given for ordinances and measurable initiatives such as recycling programs and community education.

The city hopes for a 3-star rating.

"Demonstrating increased access to the most vulnerable city works to improve its STAR rating, Kelly said.

City Council's plan to pass a zero-waste resolution will

The city has a goal of reaching a 100-percent solid waste



INCREASE BUY-IN FOR SUSTAINABILITY WORK

Plano, TX hosted a post-certification workshop to go through the gaps identified in their application. Over 40 city staff spent half a day learning more about their results, identifying priority STAR Objectives, and then going through the gap measures to determine which to focus on over the coming years.



BUILD A CULTURE OF SUSTAINABILITY

Evanston, IL is using STAR to integrate multiple initiatives and fully engage the community in “creating the most livable city in America.” They created a Livability Academy that has been attended by all city staff - it covers sustainability and livability in Evanston and asks participants:

“How does your work help make Evanston the Most Livable City? What else can we do to make Evanston the Most Livable City?”



Livability Academy included:

- 75 staff per session
- 13 total sessions
- 3.5 hours each
- 6.5 minute video
- 31 presenters
- 6 TED talks



COMMUNICATE SUSTAINABILITY

Communities like Park Forest, IL are using their results to better communicate the state of sustainability to residents and stakeholders at community events.

Park Forest
Live Grow Discover
is a Certified 3-STAR Community

Points Achieved: 10, 37.88, 49.8, 24.79, 34.7, 25.82, 59.61

261.9 points achieved

Categories: Built Environment, Climate & Energy, Economy & Jobs, Education, Arts & Community, Equity & Empowerment, Health & Safety, Natural Systems, Innovation & Process

90% of housing units are located within a ½-mile of a public space or park

57% of Park Forest is covered with vegetated surfaces that act as green infrastructure

88% of residents live within 1 mile of a community venue with free events and programming

296% increase in bicycle lanes in the past 3 years

50 acres of wetlands have been restored in the middle of the jurisdiction through the Central Park Wetlands project

Increased access to low-cost, healthful food for low-income families

The Park Forest MakerLab - an innovative business incubator that enables users to create prototypes of new products that can then be marketed for larger production and sale.

STAR COMMUNITIES Sustainability Tools for Assessing & Rating Communities

The STAR Community Rating System is the first national certification program for community sustainability. It provides a clear, data-driven approach to assessing social, economic and environmental progress.

APRIL 2015



STAR COMMUNITIES SUSTAINABILITY TOOLS FOR ASSESSING & RATING COMMUNITIES

Park Forest
Live Grow Discover

STAR Community Rating System Certification Results

The Village of Park Forest, IL
Certified 3-STAR Community
April 2015



TO INCREASE TRANSPARENCY AND DEMONSTRATE ACCOUNTABILITY AND LEADERSHIP

Each community has a certification report on the STAR Communities website. Certified Communities are also featured in case studies and presentations across the country

WHO'S INVOLVED

Nearly 100 cities, towns and counties are actively using the STAR Community Rating System as their sustainability certification program. Thousands have downloaded the rating system since its release in 2012.

Use our live map and search features to see if your community is involved or to review the final reports of Certified



TUCSON, ARIZONA

The City of Tucson joined the STAR network as a Pilot Community in November 2012. As a Pilot, the community greatly helped to improve STAR through a year-long testing and evaluation period of the STAR Community Rating System and its associated tools and products.

Level of Achievement

4-STAR Community

Elected Official

Mayor Jonathan Rothschild

Date of Certification

06/08/2014

Contact

Leslie Ethen

Population

580,000

REPORT

BUILT ENVIRONMENT

53.8 / 100

| | |
|--|-----------|
| + BE-1: Ambient Noise & Light | 1.5 / 5 |
| + BE-2: Community Water Systems | 15 / 15 |
| + BE-3: Compact & Complete Communities | 10.6 / 20 |
| + BE-4: Housing Affordability | 2.2 / 15 |

The Leading STAR Community Indicators™:

- *Provide communities with a simple way to get started with sustainability indicators;*
- *Offer guidance on metrics that are commonly important and obtainable;*
- *Enable benchmarking and annual reporting across many communities; and*
- *Leverage local government consensus to improve access to data in the United States.*

21 LEADING INDICATORS

1. Access to Healthful Food
2. Businesses
3. Climate Adaptation, Vulnerability Assessment
4. Designated Green Infrastructure
5. Drinking Water Quality
6. Employment
7. Environmental Justice, Risk and Exposure Equitable Access & Proximity to Foundational Community Assets
8. Food Security and Assistance
9. Greenhouse Gas Emissions
- 10/11. High School Graduation Rate/Graduate Rate Equity
12. Housing and Transportation Costs
13. Living Wages
14. Median Household Income
15. Renewable Electrical Energy Supply
16. Safe Wastewater Management
17. Third Grade Reading Proficiency
18. Total Solid Waste
19. Transportation Mode Split
20. Transportation Safety
21. Violent Crime Rate



SUSTAINABILITY
TOOLS FOR
ASSESSING &
RATING COMMUNITIES

WE'RE HERE TO HELP!

For questions on STAR or this presentation, please contact:

Aaron Lande
Operations & Member Relations Manager
aaron@starcommunities.org
(855) 890-STAR ext. 106

STAR Communities
777 North Capitol Street NE, Suite 500, Washington, DC
20002
(855) 890-STAR
www.STARcommunities.org





City of Seattle

Planning a Sustainable Seattle

Patrice Carroll
Office of Planning & Community Development





Seattle Snapshot

- **Population: 662,400 – 1/3 are people of color**
- **Strong mayor, 9 city councilmembers (7 districts, 2 at-large)**
- **Housing & Commuting ~ 50/50**
- **Fastest growing large city in 2014**
- **Economic clusters- tech, aerospace, maritime, life sciences**
- **City-owned electric, water and solid waste utilities**
- **Washington's Growth Management Act (1990)**



Plans & Tools

Office of Sustainability & Environment

- **Climate Action Plan (adopted 2013)**
- **Star Community Rating (completed 9/2014)**
- **Designation**

Office of Planning & Community Development

- **Comprehensive Plan (to be adopted 2016)**
- **APA Standards for Sustaining Places**
- **Assessment**



The Process

- **18** months
- **224** people in the City and outside agencies and community organizations
- **516** sustainability indicators
- **628** out of **720** possible points
- **5-star** rating-- **#1** to date



Achievement by Goal Area



Built Environment 94%



Health & Safety 91%



Climate & Energy 90%



Education, Arts & Community 88%



Natural Systems 83%



Economy & Jobs 83%



Equity & Empowerment 76%

Equity & Environment Initiative

City-community partnership to advance three primary goals:



- All people and communities benefit from Seattle's environmental progress.
- Communities most impacted are engaged in setting environmental priorities, designing strategies, and tracking progress.
- People of color, immigrants and refugees, people with low incomes, and limited-English proficiency individuals have opportunities to be part of and leaders in the mainstream environmental movement.

Comprehensive Plan



| | |
|-------------|-------------------------------|
| 1990 | Growth Management Act |
| 1994 | Towards a Sustainable Seattle |
| 1994-2000 | Neighborhood Planning |
| 2004 | Last update |
| 2016 | Seattle 2035 |
| 2023 | Future update |

Seattle's pioneering plan for a sustainable city combines the principles of smart growth, urban design, and public participation with principles of sustainable place.



Framework

Seattle's 4 Core Values

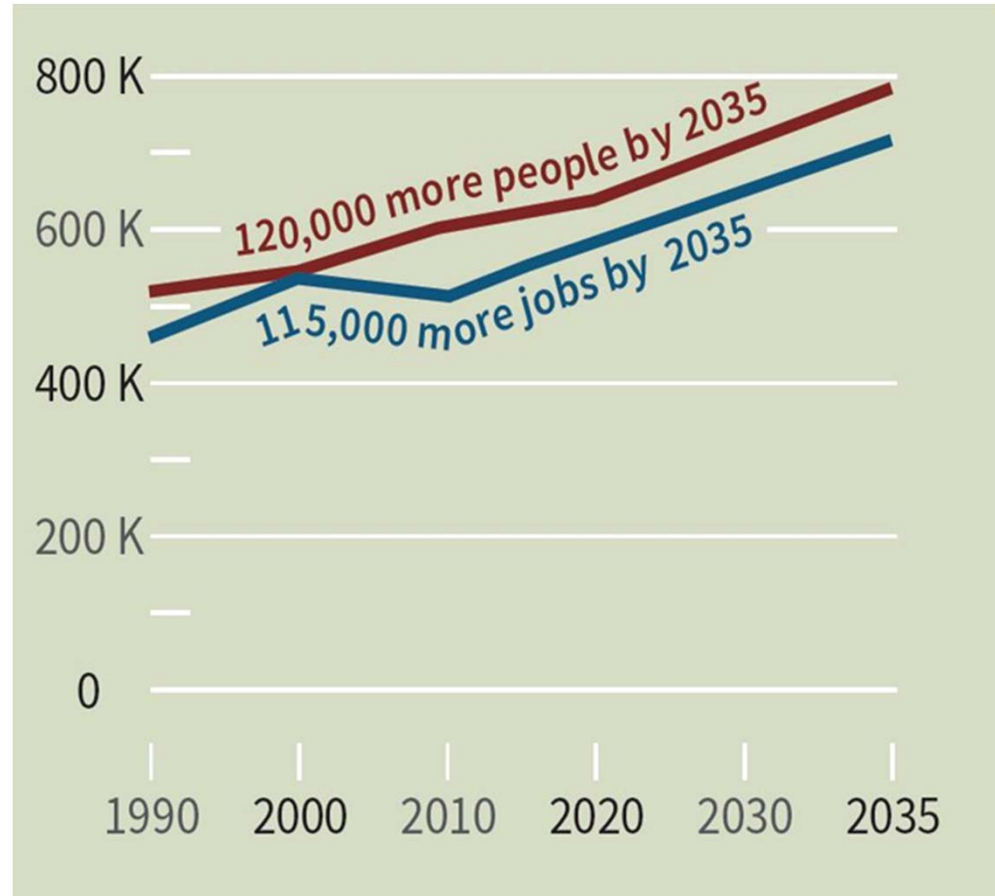
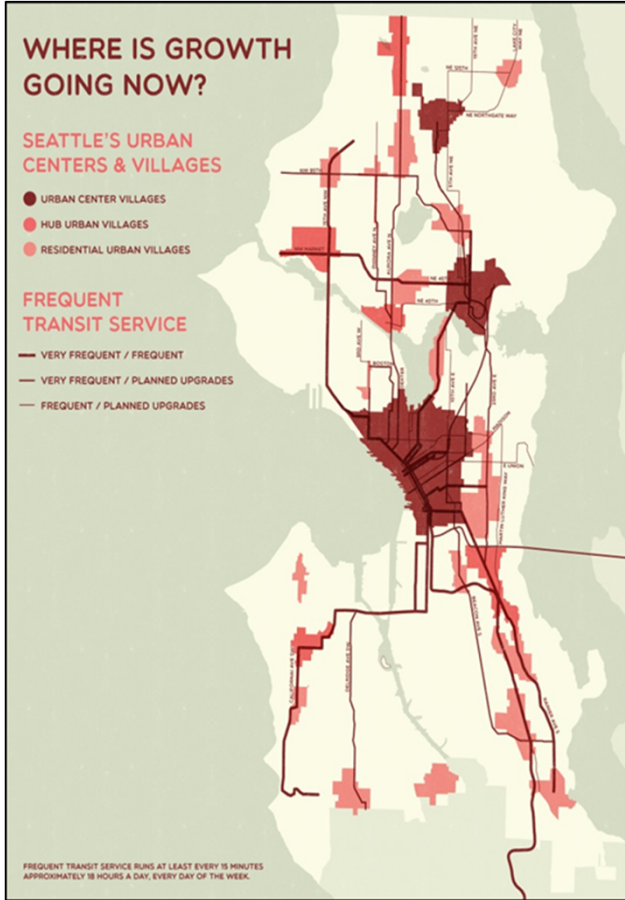
- Environmental Stewardship
- Economic Opportunity and Security
- Race and Social Equity
- Community

Goals and Policies organized in 14 Elements (8 required)

APA's 6 Principles

- Livable Built Environment
- Harmony with Nature
- Resilient Economy
- Interwoven Equity
- Healthy Community
- Responsible Regionalism

Urban Village Strategy





Assess: Practices, Processes & Attributes

Strengths

- Complete streets
- Mixed land use
- Urban design standards
- Green building
- Green infrastructure
- Access to employment

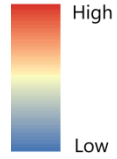
Weaknesses

- Climate adaptation
- Post disaster economic recovery
- Equity
- Regionalism
- Authentic Participation

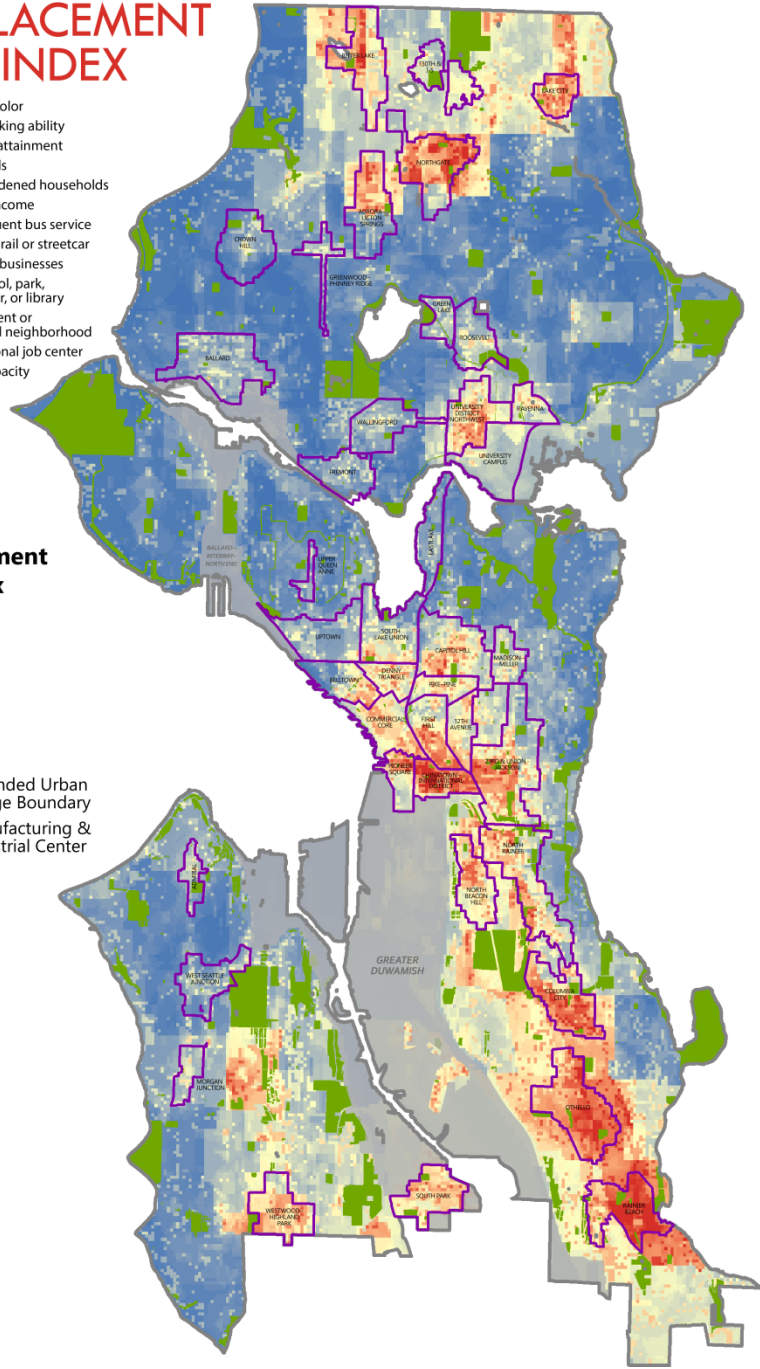
DISPLACEMENT RISK INDEX

- Communities of color
- Low English-speaking ability
- Low educational attainment
- Renter households
- Housing cost-burdened households
- Low household income
- Proximity to frequent bus service
- Proximity to light rail or streetcar
- Proximity to core businesses
- Proximity to school, park, community center, or library
- Proximity to affluent or already-gentrified neighborhood
- Proximity to regional job center
- Development capacity
- Median rent

Displacement risk index



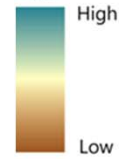
- Expanded Urban Village Boundary
- Manufacturing & Industrial Center



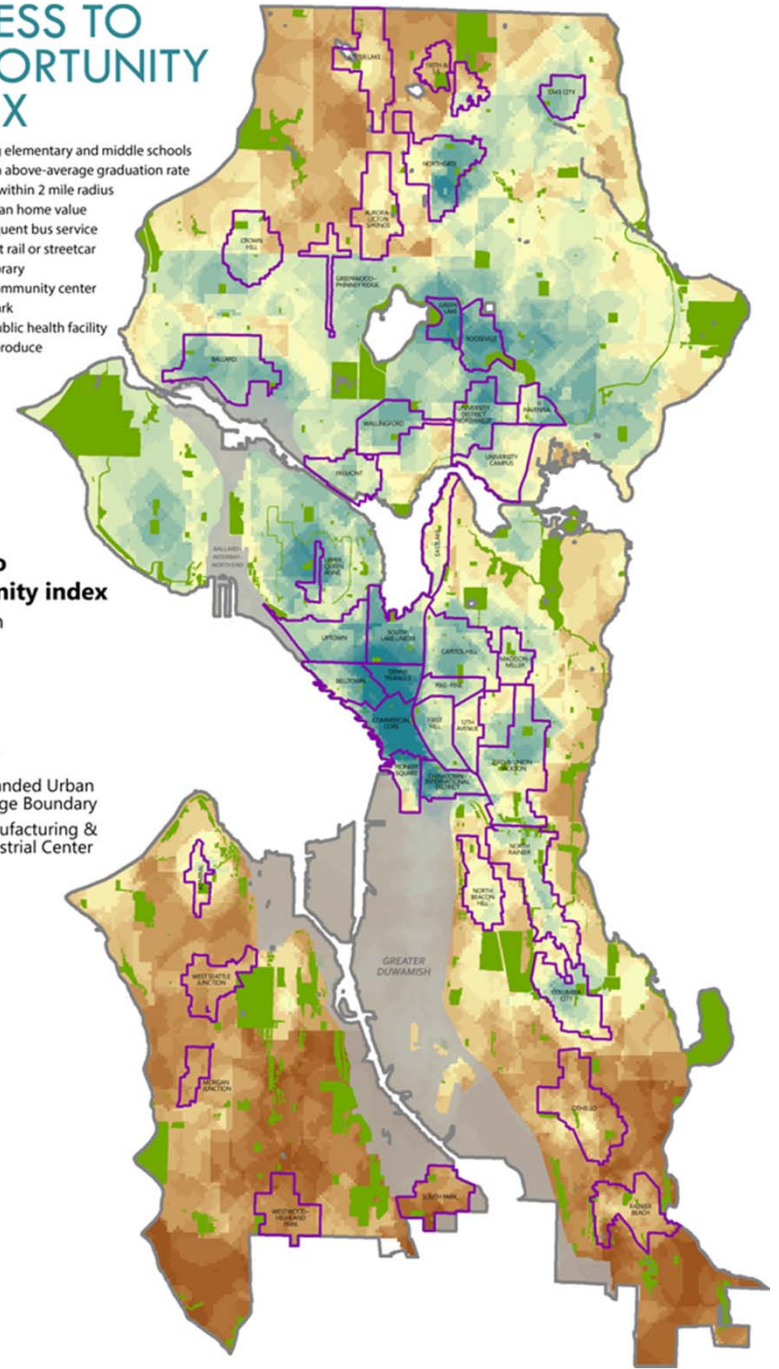
ACCESS TO OPPORTUNITY INDEX

- High performing elementary and middle schools
- High school with above-average graduation rate
- Number of jobs within 2 mile radius
- Increase in median home value
- Proximity to frequent bus service
- Proximity to light rail or streetcar
- Proximity to a library
- Proximity to a community center
- Proximity to a park
- Proximity to a public health facility
- Access to fresh produce

Access to opportunity index



- Expanded Urban Village Boundary
- Manufacturing & Industrial Center



Engagement



1962

How much has Seattle's population grown since 1990?



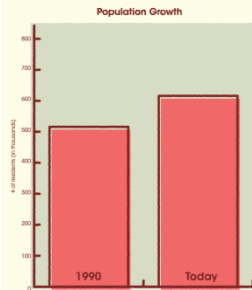
1941



Seattle
2035
YOUR CITY, YOUR FUTURE

World's Fair

April 21, 1962. The Century 21 World's Fair was developed to celebrate the 50th anniversary of the 1909 Alaska-Yukon-Pacific Exposition. The event welcomed over 50,000 visitors on the 74-acre fairground now known as Seattle Center, and featured the unveiling of the Space Needle: a 605-foot reminder of man's past achievements and a future of possibility.



By more than 100,000 people! In 1990, approximately 516,000 people lived here; now, we have more than 616,000 residents.

Yesler Terrace Opens

Date Unknown. The Seattle Housing Authority, established March 1939, received \$3 million to build the Yesler Terrace complex. Located on First Hill, it now occupies 30 acres and houses 1,200 residents, who earn an average of 30% below Seattle's median income.



2035.seattle.gov





Star Communities

- Continue to share findings
- Enhance communications and storytelling
- Inform performance measurement
- Support initiatives with context/data
- Evaluate gaps and opportunities for improvement

Comprehensive Plan

- Send Mayor's Recommended Plan to Council in April
- Planning Commission review
- Legislative process with a new City Council
- Develop monitoring plan
- Consider certification

For more information

2035.seattle.gov

www.seattle.gov/environment/star





The Mid-South Regional Greenprint and Sustainability Plan seeks to connect a network of green space across Shelby County TN, Fayette County TN, Crittenden County AR, and DeSoto County MS


- 1 2nd & Benjestown
- 2 Arlington to Mason Connector
- 3 Byhalia Connector
- 4 Castleman Connector
- 5 Chelsea & Highland
- 6 Florida Street
- 7 Hacks Cross Road
- 8 Herb Parsons Lake State Park Connector
- 9 Hernando Connector
- 10 Hollywood Street
- 11 Holmes Road West
- 12 Lakeland & Arlington Connector
- 13 Mallory Avenue
- 14 McLamore & Southern Connector
- 15 Meeman Shelby Forest to Firestone Park
- 16 Mitchell Road & Brooks Road Connector
- 17 MLK & Central Connector
- 18 Norris & Persimmon Connector
- 19 Tchulahoma Road
- 20 V&E Greenline to Mississippi River
- 21 McInville Road
- 22 Hernando Road Connector

- Proposed Trail Corridors**
- 1 Downtown Memphis Riverfront
 - 2 Harahan Bridge Connector
 - 3 Chelsea Ave Greenline
 - 4 Cypress Creek & Horn Lake Creek to Hernando
 - 5 Firestone Greenway
 - 6 Fletcher Creek to IH Managerial Park
 - 7 Fuller Park to Hernando Desoto Park
 - 8 I-269 Greenway Corridor
 - 9 Johns Creek Greenway
 - 10 Johnson Creek Corridor
 - 11 Loosahatchie River Corridor
 - 12 Loosahatchie River to Wolf River
 - 13 Marion to Harahan Bridge Corridor
 - 14 Meeman Shelby State Forest Connector
 - 15 Millington Connector
 - 16 Mississippi River Corridor
 - 27 Wolf to Chelsea Connector
 - 28 Wolf to Nonconnah - Collierville Connector
 - 29 Wolf to Nonconnah - Utility Line Connector
 - 30 Wolf River Corridor East
 - 31 Wolf River Corridor West
 - 32 Coldwater Corridor
 - 33 Hurricane Creek Corridor
 - 34 Missouri Pacific Rail Trail
 - 35 Fifteenmile Bayou Corridor
 - 36 Island 40 Connector
 - 37 Loosahatchie Bridge Connector
 - 38 JFK Park to Loosahatchie Connector
 - 39 Tenmile Creek and Utility Line Connector
 - 40 I-240 Utility Line Connector
 - 41 Nonconnah-Coldwater Connector
 - 42 Pidgeon Greenway



Led by a Consortium of over 80 organizations and 300 individuals from the four-county region, including:

- Municipal and County Governments
- State Agencies
- Non-profit Organizations
- Educational Institutions
- Private Businesses
- Neighborhood Groups
- Individual Citizens

A man with glasses and a tan jacket is pointing at a large map on a wall with a red pen. The map shows a city grid with green and blue areas. A semi-transparent green box is overlaid on the left side of the image, containing text and a list of bullet points.

Input from over 4,000 residents:

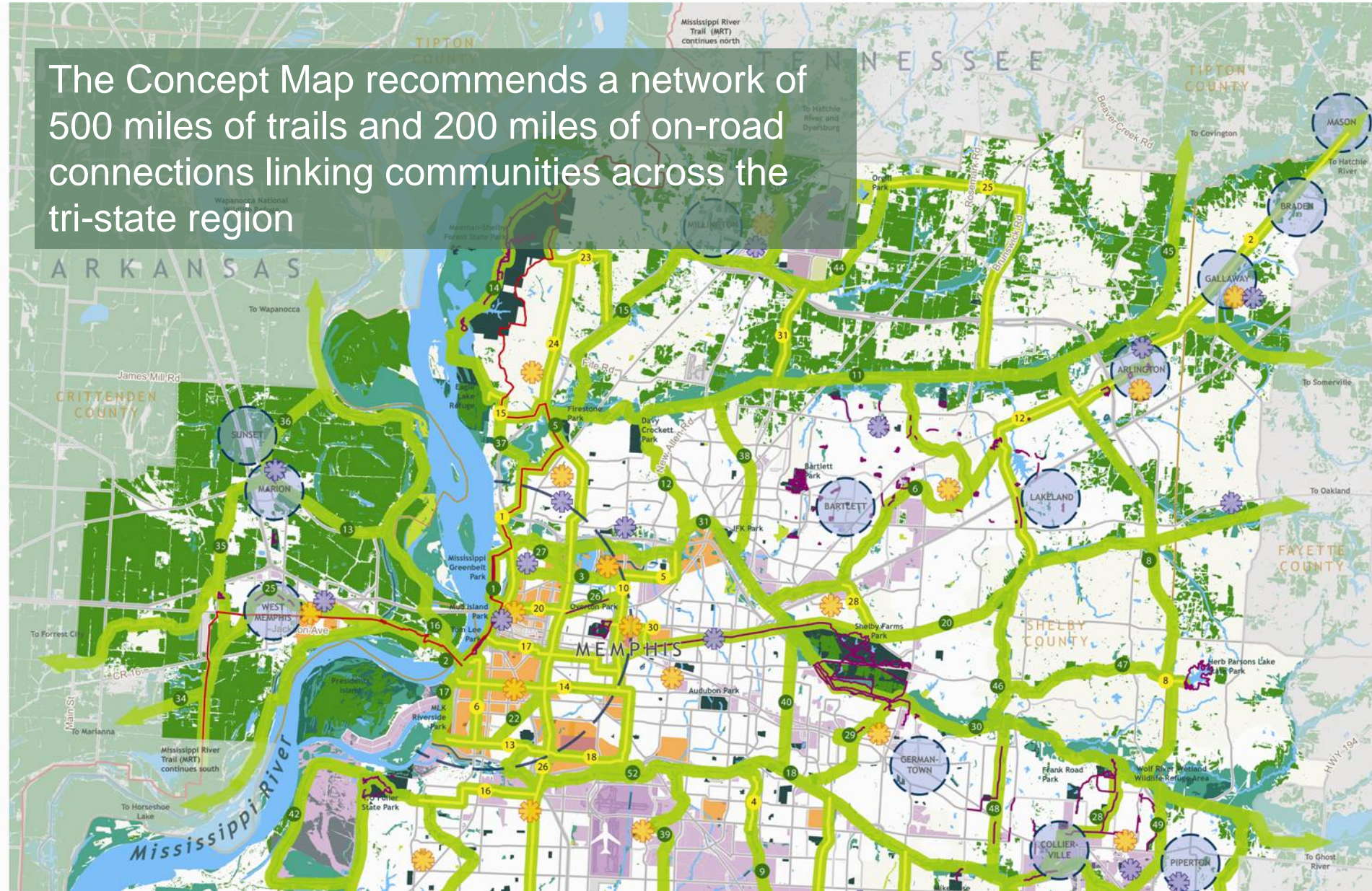
- Regional Public Meetings
- Community Meetings
- Subplan/study meetings
- Community Events
- Stakeholder Interviews
- Online Surveys
- U Map It! crowdsourcing tool



MID-SOUTH REGIONAL GREENPRINT CONCEPT MAP

Concept for a Regional Network of Connected Green Infrastructure

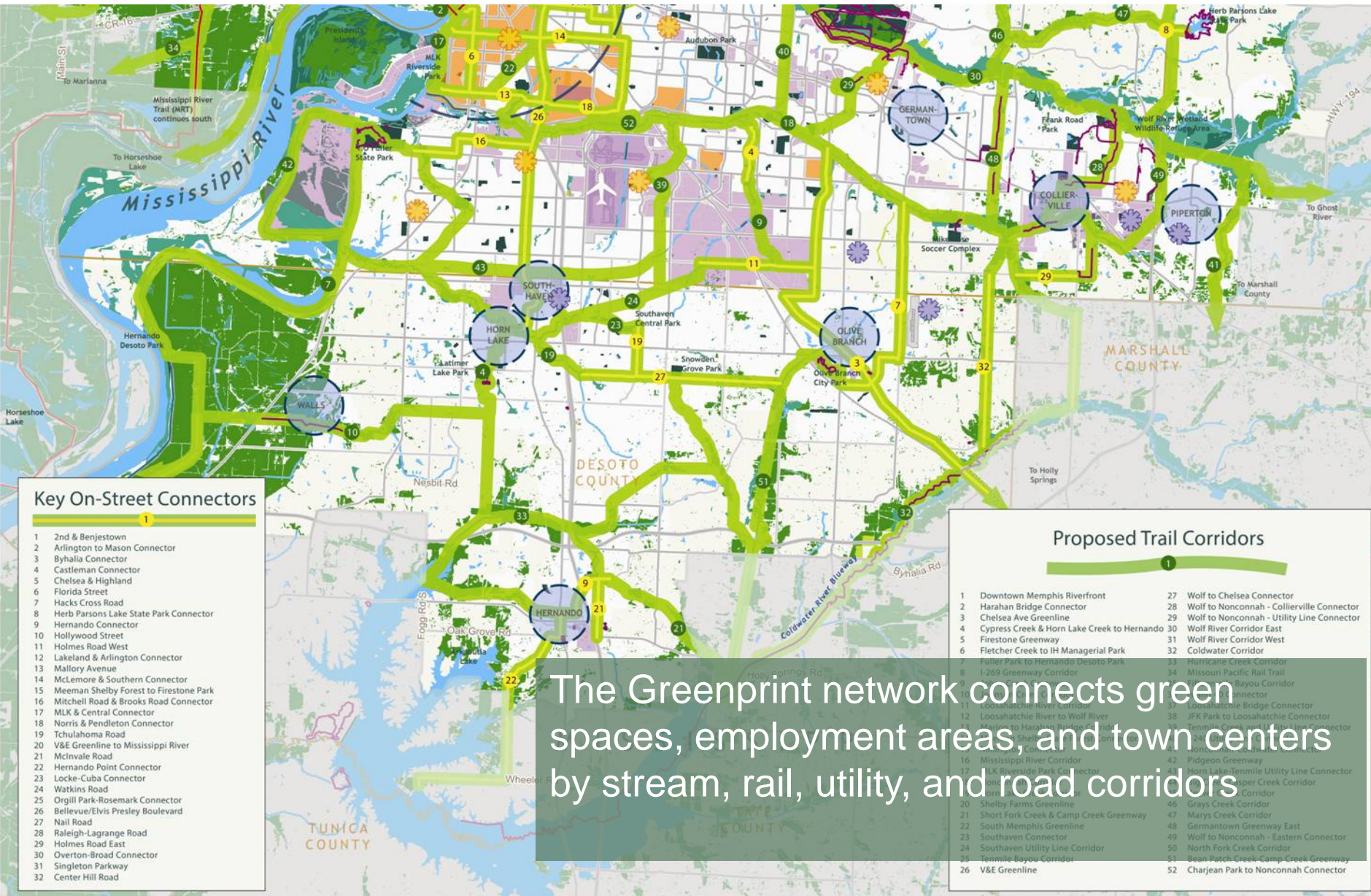
The Concept Map recommends a network of 500 miles of trails and 200 miles of on-road connections linking communities across the tri-state region





MID-SOUTH REGIONAL GREENPRINT CONCEPT MAP

Concept for a Regional Park Network of Connected Green Infrastructure



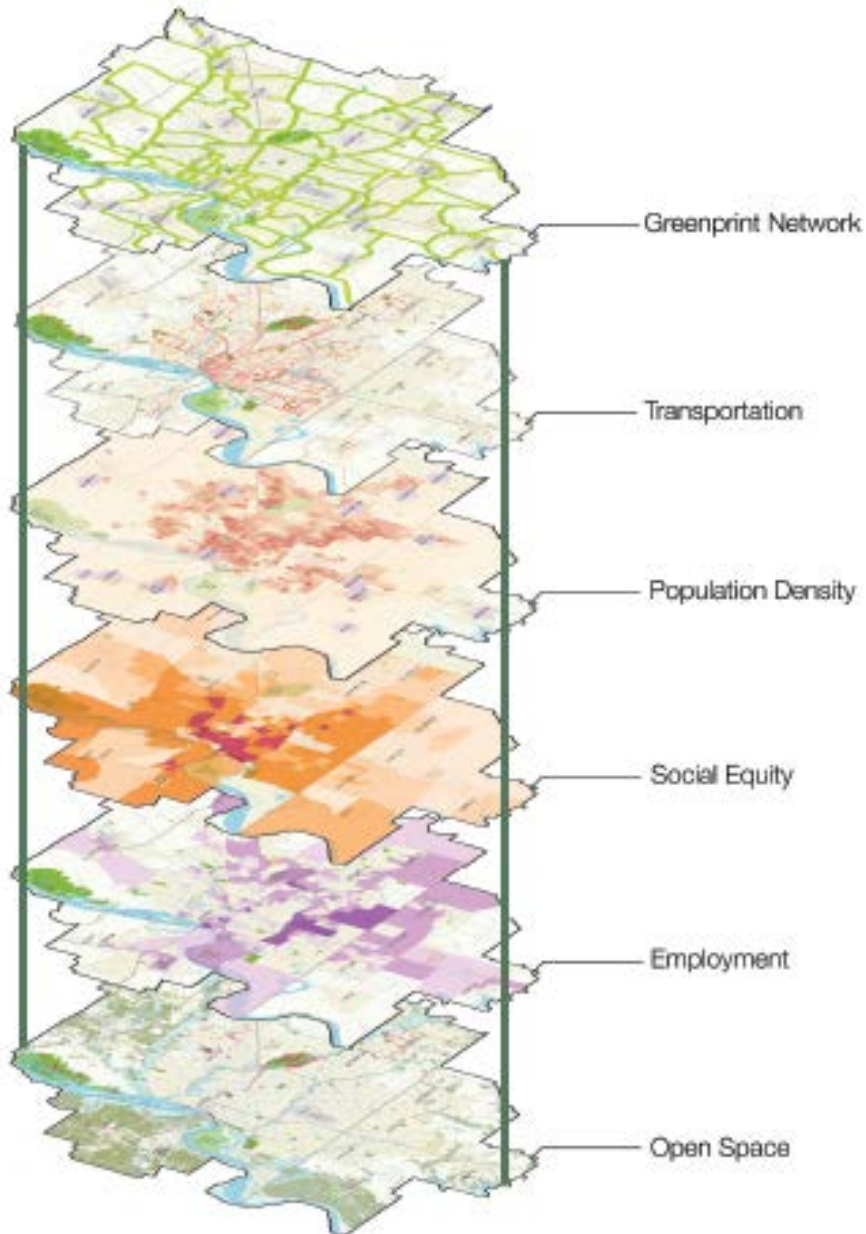
Key On-Street Connectors

- 1 2nd & Benjestown
- 2 Arlington to Mason Connector
- 3 Byhalia Connector
- 4 Castleman Connector
- 5 Chelsea & Highland
- 6 Florida Street
- 7 Hacks Cross Road
- 8 Herb Parsons Lake State Park Connector
- 9 Hernando Connector
- 10 Hollywood Street
- 11 Holmes Road West
- 12 Lakeland & Arlington Connector
- 13 Mallory Avenue
- 14 McLemore & Southern Connector
- 15 Meeman Shelby Forest to Firestone Park
- 16 Mitchell Road & Brooks Road Connector
- 17 MLK & Central Connector
- 18 Norris & Pendleton Connector
- 19 Tchulahoma Road
- 20 V&E Greenline to Mississippi River
- 21 McInvale Road
- 22 Hernando Point Connector
- 23 Locke-Cuba Connector
- 24 Watkins Road
- 25 Orgill Park-Rosemark Connector
- 26 Bellevue/Elvis Presley Boulevard
- 27 Nail Road
- 28 Raleigh-Lagrange Road
- 29 Holmes Road East
- 30 Overton-Broad Connector
- 31 Singleton Parkway
- 32 Center Hill Road

Proposed Trail Corridors

- 1 Downtown Memphis Riverfront
- 2 Harahan Bridge Connector
- 3 Chelsea Ave Greenline
- 4 Cypress Creek & Horn Lake Creek to Hernando
- 5 Firestone Greenway
- 6 Fletcher Creek to IH Managerial Park
- 7 Fuller Park to Hernando Desoto Park
- 8 I-269 Greenway Corridor
- 9 Loosahatchie River Corridor
- 10 Loosahatchie River to Wolf River
- 11 Loosahatchie Bridge Connector
- 12 Loosahatchie River to Wolf River
- 13 Major to Harahan Bridge Connector
- 14 Major to Shelby Forest Connector
- 15 Mississippi River Corridor
- 16 Mississippi River Corridor
- 17 MLK Riverside Park Connector
- 18 Memphis to Shelby Forest Connector
- 19 Shelby Farms Greenline
- 20 Shelby Farms Greenline
- 21 Short Fork Creek & Camp Creek Greenway
- 22 South Memphis Greenline
- 23 Southaven Connector
- 24 Southaven Utility Line Corridor
- 25 Tennessee Bayou Corridor
- 26 V&E Greenline
- 27 Wolf to Chelsea Connector
- 28 Wolf to Nonconnah - Collierville Connector
- 29 Wolf to Nonconnah - Utility Line Connector
- 30 Wolf River Corridor East
- 31 Wolf River Corridor West
- 32 Coldwater Corridor
- 33 Hurricane Creek Corridor
- 34 Missouri Pacific Rail Trail Bayou Corridor
- 35 Tennessee River Connector
- 36 Tennessee River Bridge Connector
- 37 JFK Park to Loosahatchie Connector
- 38 Tennessee Creek and Utility Line Connector
- 39 Tennessee River Connector
- 40 Tennessee River Connector
- 41 Tennessee River Connector
- 42 Pidgeon Greenway
- 43 Horn Lake-Tennessee Utility Line Connector
- 44 Memphis to Shelby Forest Connector
- 45 Memphis to Shelby Forest Connector
- 46 Grays Creek Corridor
- 47 Marys Creek Corridor
- 48 Germantown Greenway East
- 49 Wolf to Nonconnah - Eastern Connector
- 50 North Fork Creek Corridor
- 51 Bean Patch Creek-Camp Creek Greenway
- 52 Charjean Park to Nonconnah Connector

The Greenprint network connects green spaces, employment areas, and town centers by stream, rail, utility, and road corridors



- » The Concept Map recommends a network of 500 miles of trails and 200 miles of on-road connections linking communities across the tri-state region
- » The Greenprint network was designed to connect and balance population, employment, equity, transportation, and green space
- » If implemented today, 78% of the region's population would live within 1 mile of a greenway trail
- » And 79% of the region's jobs would be within 1 mile of a greenway trail

Strategic Directions

-  A Regional Interconnected Network of Parks, Greenways and Open Spaces
-  Equitable Participation and Community Ownership
-  Enhanced Access through Transportation Choices
-  Healthy and Safe Communities
-  Improved Neighborhoods and Fair Housing Choices
-  Sustainable Resources and a Quality Environment
-  A Productive Workforce and Economy
-  Effective Long-term Regional Planning

| Principles | Livable Built Environment | Harmony with Nature | Resilient Economy | Interwoven Equity | Healthy Community | Responsible Regionalism | Key |
|------------|--|--|--|---|---|--|-----|
| Practice | 1. Multi-modal Transportation choices | 12. Natural habitat protection | 22. Economic growth capacity | 29. Range of housing types | 38. Toxin exposure reduction | 45. Local land use plans coordinated with regional transportation | SD1 |
| Practice | 2. Transit-oriented development | 13. Green infrastructure | 23. Balanced land use mix | <u>31. Jobs/housing balance</u> | 39. Public safety increase through crime & injury reduction | 46. Local & regional housing plan coordination | SD2 |
| Practice | 3. Regional transportation/job clusters | <u>14. Natural topography respect</u> | 24. Access to employment centers | 31. Disadvantaged neighborhood improvement | 40. Brownfield mitigation & redevelopment | 47. Local open space plans coordinated w/ regional frameworks | SD3 |
| Practice | 4. Complete streets | 15. Carbon footprint reduction | 25. Green business & jobs support | 32. At-risk population health & safety | 41. Physical activity & healthy lifestyles | <u>48. Transit-served growth area designation</u> | SD4 |
| Practice | 5. Mixed land use in walkable patterns | <u>16. Air quality standards</u> | 26. Community based economic development | 33. Services & health care for minority, low income | 42. Accessible parks, recreation, open space | 49. Cooperation with region on resource sharing | SD3 |
| Practice | 6. Infill development | 17. Climate change adaptation | 27. Infrastructure capacity | 34. Infrastructure upgrade in older neighborhoods | 43. Healthy local food access | 50. Local activity center & regional destination connection | SD6 |
| Practice | 7. Urban design standards | 18. Renewable energy | 28. Post-disaster economic recovery plan | 35. Workforce development policy | 44. Equitable access to health care, schools, public safety, arts & culture | 51. Linked local & regional economic & population projections | SD7 |
| Practice | 8. Accessible public facilities & spaces | 19. Solid waste reduction | | 36. Protect vulnerable neighborhoods from natural hazards | | 52. Regional development visions recognized in local plans | SD8 |
| Practice | 9. Historic resource conservation | 20. Water conservation and supply | | 37. Promote environmental justice | | <u>53. Consistent local CIP and regional infrastructure priorities</u> | |
| Practice | 10. Green building design | 21. Stream, watershed, and floodplain protection | | | | | |
| Practice | 11. Hazard zone avoidance | | | | | | |

Solid color = practice is addressed by one of the SDs/topic chapters
Hatched color = practice is marginally addressed by one of the SDs/topic chapters
Bold/Italic/Underline = practice not addressed, but could fit into Greenprint
No fill = practice not addressed





Memphis-Shelby County Recognized for National Excellence as One of the Nation's Most Sustainable Communities

Memphis-Shelby County was awarded a 4-STAR Community Rating for national excellence in sustainability. The STAR Community Rating System is a robust sustainability rating system for cities, towns, and counties that helps communities evaluate themselves across eight areas related to sustainability, such as built environment, economy and jobs, health and safety, and natural systems. Below shows how Memphis-Shelby County scored for each STAR category. Other 4-STAR communities include: Austin, TX; Portland, OR; and Washington, D.C. For more information on how Memphis-Shelby County plans to build on these results, visit www.sustainableshelby.com/STAR.

