**Building
an Emerald City: A Guide
to creating green building
policies and programs**

Lucia Athens
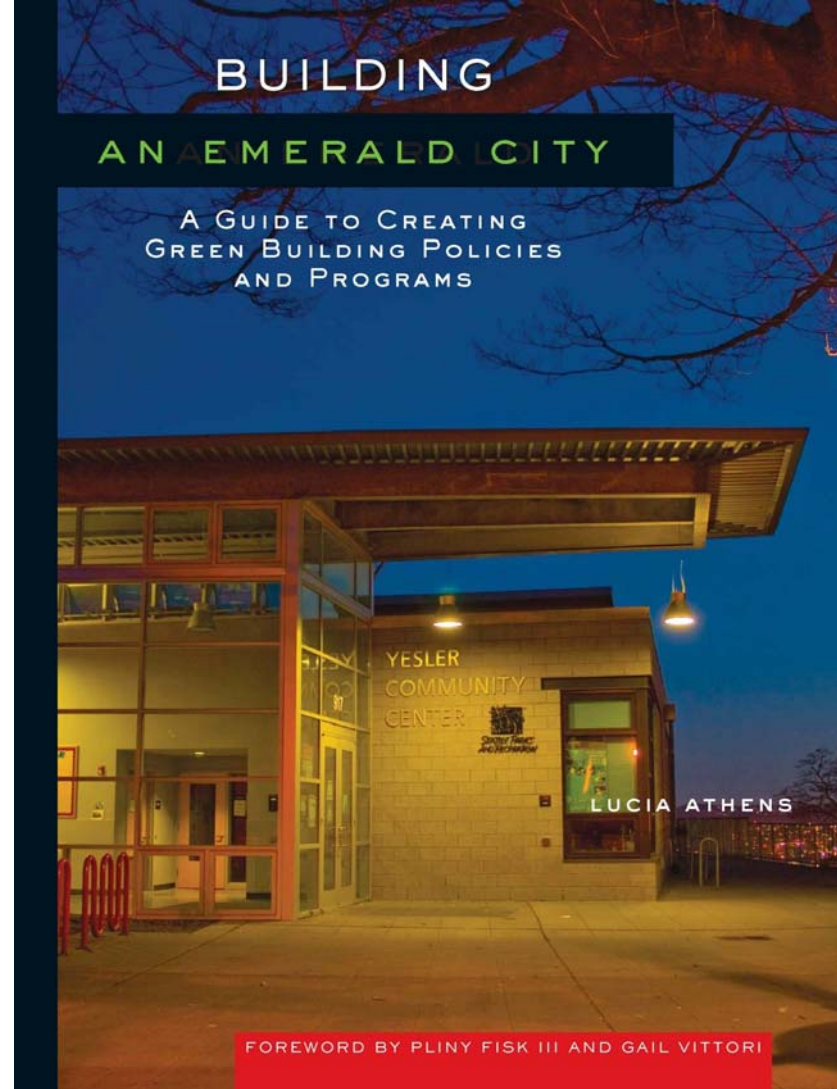
- Seattle 1st to adopt LEED in February 2000

  By unanimous resolution

- **16 LEED Certified buildings**

- **14 more in progress**

- ❖ **Many Project Types**

  - Police, Courthouse, Fire

  - Library, Community Center

  - Environmental Learning Center

  - Water Treatment Plant

  - Waste Transfer Stations

Seattle LEED *Portfolio*

Image: Steve Keating

Fisher Pavilion   **LEED NC Silver**
Northgate Community   **Center/Library**
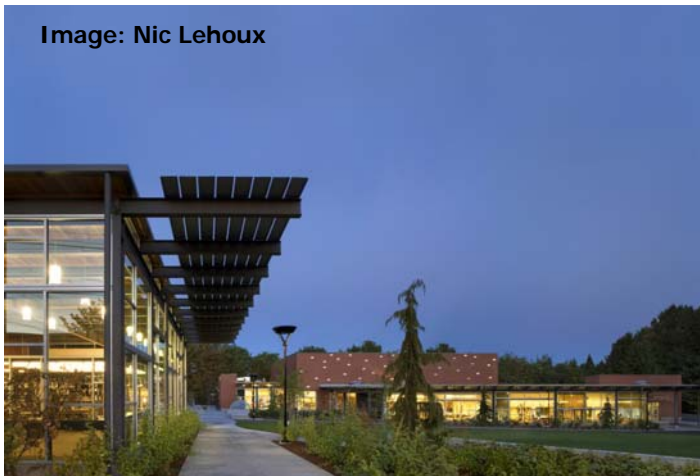   **LEED Gold**

Image: Nic Lehoux

1. CARKEEK PARK ENVIRONMENTAL LEARNING CTR **gold**

2. CEDAR RIVER WATER TREATMENT FACILITY **gold**

3. FISHER PAVILION **certified**

4. HIGH POINT COMMUNITY CTR **gold**

5/6. AIRPORT WAY CTR Building A & C **gold/silver**

7. CENTRAL LIBRARY **silver**

8. SEATTLE CITY HALL **gold**

9. JUSTICE CENTER **silver**

10. YESLER COMMUNITY CENTER **gold**

11. NORTHGATE COMMUNITY CTR & LIBRARY **gold**

12. FIRE STATION 10 **silver**

13. JOINT TRAINING FACILITY **silver**

14. MONTLAKE COMMUNITY CENTER **silver**

15. SEATTLE CENTER GARAGE **gold**

16. NORTH CASCADES ENVIRONMENTAL LEARNING CENTER **gold**

OFFICE
of Sustainability

Today's Topics

1. What is Sustainability?

2. Climate Protection Program

3. Framework and STAR program

CITY
of AUSTIN
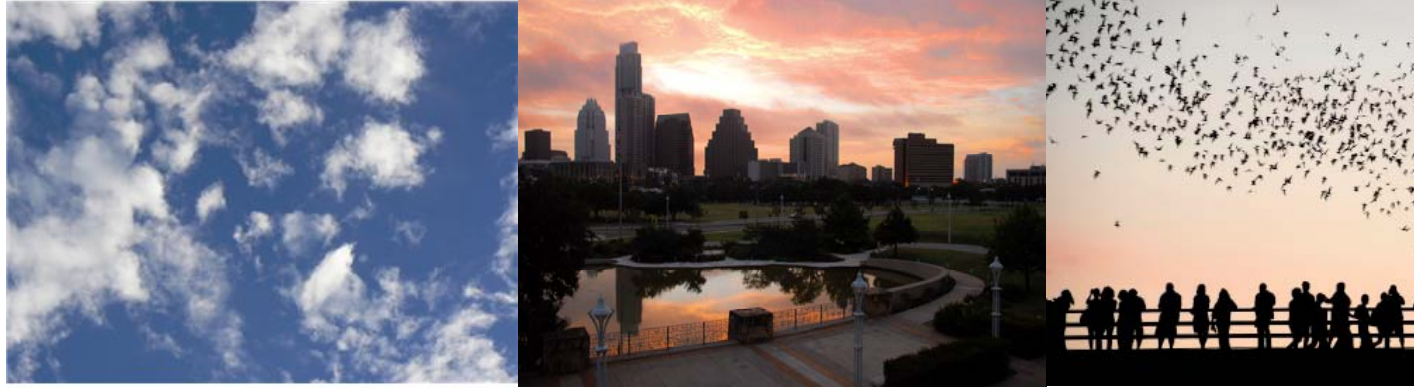
OFFICE
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CITY
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What is sustainability?
the triple bottom line

The 3 e's or p's

- **Equity/People**
- **Economy/Prosperity**
- **Environment/Planet**
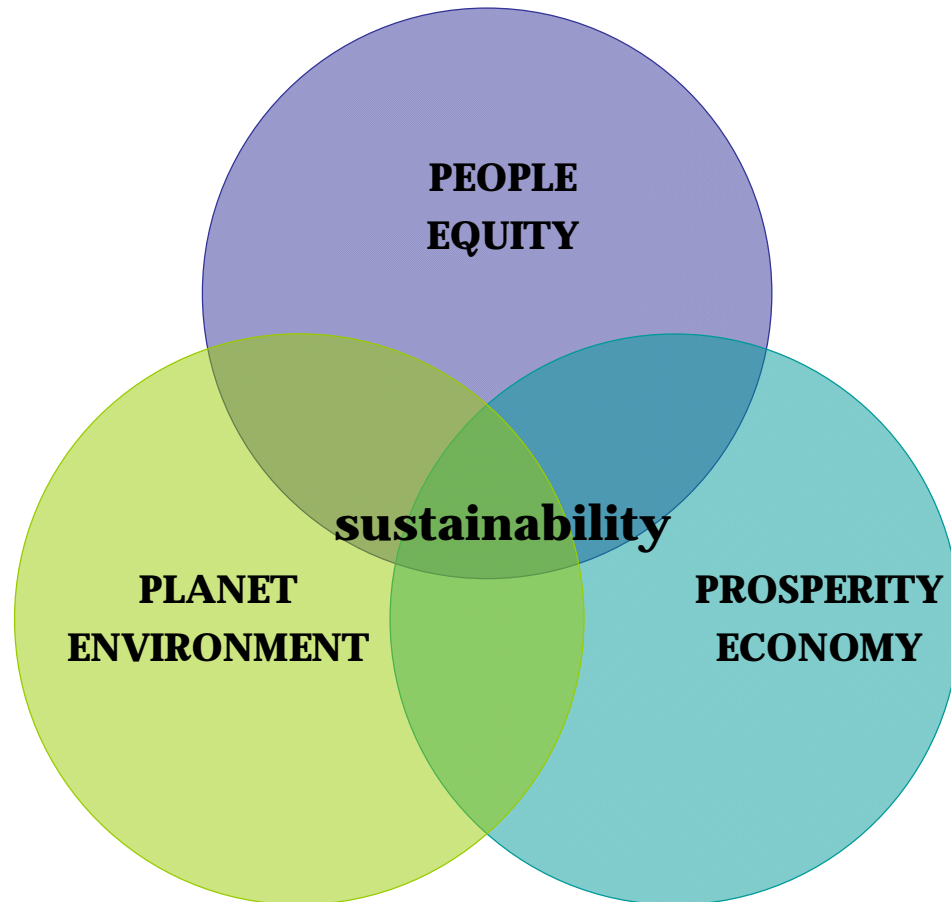
Sustainability means finding a balance among 1) prosperity and jobs, 2) conservation & environment, and 3) community health & cultural vitality.

It means taking positive, proactive steps to protect quality of life now, and for future generations.

sustainability is:

Image:
Seattle Public Libraries

values-based

non-partisan

a continuous journey

Images: YouthCare

Serving homeless and at-risk youth since 1974.

OFFICE
of Sustainability

Our Mission

We inspire people to take action and lead change toward the city's shared objectives for a healthy environment, excellent quality of life, and continued economic vitality.

CITY
of AUSTIN

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CITY of AUSTIN

Environmental Awareness Awards

Nominations Jan 1 – Mar 1
http://www.ci.austin.tx.us/acpp/awards.htm

Categories:

- **Mayor's Individual Achievement**
- **Large Business (< 100 employees)**
- **Small Business (> 100 employees)**
- **City of Austin Program**
- **Community/Non-profit**
- **School or Education Program**
- **Government Agency**

Winner's recognized April 21 City Council Meeting

Reception to follow award ceremony

Carbon Offset Challenge Grants

City of Austin set aside $40,000 to:

> *identify and support local projects that reduce or sequester greenhouse gas emissions resulting in the creation of "Carbon Offsets"*

- **Carbon Offsets will eventually be sold via new purchase function added to existing carbon calculator**

- **RFP Application deadline March 8**

- **Project selection/announcement April**

Green Business Program

Internal departmental coordination to develop framework for:

Green Business Recognition Program

- **Solid Waste Services**
- **Austin Energy**
- **Austin Water Utility**
- **Transportation**
- **Economic Growth and Redevelopment Services**

Provide recognition for Austin businesses that successfully work toward and achieve measurable improvements

- **Single-point of navigation for City programs for businesses**
- **Leverage confluences/common goals in existing City programs**
- **Identify gaps in existing programs**
- **Increase accessibility and efficiency for the business community**

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CITY
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Today's Topics

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many City of Austin sustainability-related programs

Environment

- Climate Protection Program, Austin Energy Green Building, Solar Rebates, Energy Efficiency 0% interest Loans & Rebates, Rainwater Harvesting Rebates, Free Low-Flush Toilets, Zero Waste Plan, Wildland & Habitat Conservation, etc.

Equity

- Healthy Neighborhoods, Homeless Assistance, Child Care Services, Consumer Health, Family Violence Prevention, Art in Public Places, Nature & Science Education, etc.

Economy

- Small Business & Workforce Development, Economic Development & Community Reinvestment, Shop Local program, etc.

Austin Nature & Science Center
Fall-Spring
2010-2011

301 Nature Center Drive, Austin, TX, 78746   (512) 974-3888   www.ci.austin.tx.us/anic

Local Lane

Small Biz Boulevard

Scattered Existing Landscape

sustainability framework
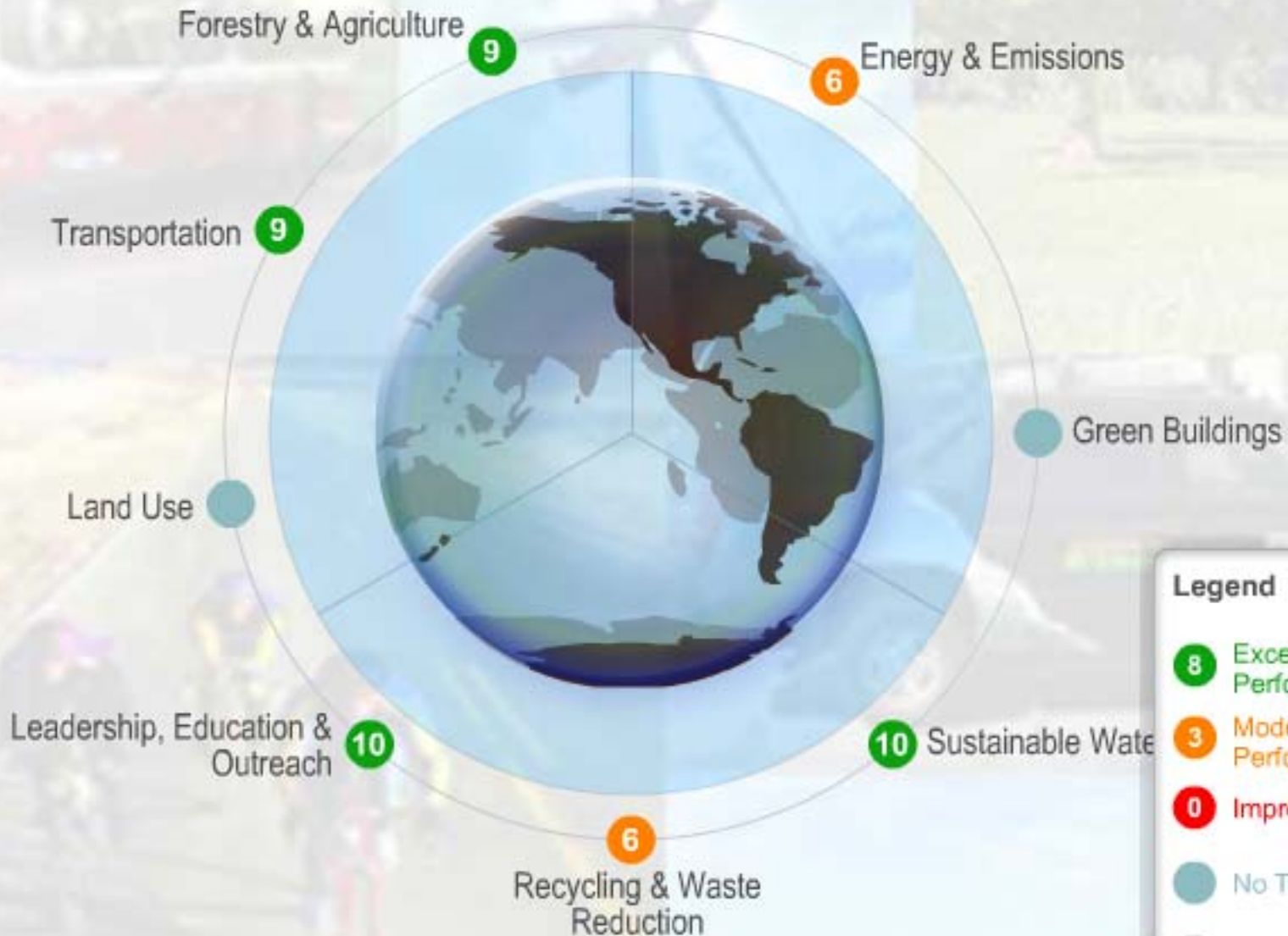
STAR Community Index

Austin selected as one of 10 cities for Beta Test Pilot

- NYC

- District of Columbia

- St. Louis

- Des Moines

- Cranberry Township, PA

- Atlanta

- Chatanooga

- Boulder

- King County, WA

STAR Community Index

A ground-breaking program that will offer local governments a roadmap for improving community sustainability.

- Standard and comprehensive approach

- National, consensus-based framework (rating system)

- Sustainability planning and performance management tool

STAR Community Index

81 Goals for Triple Bottom Line

Environment

- **Natural Systems**
- **Planning & Design**
- **Energy & Climate**

Economy

- **Economic Prosperity**
- **Employment & Workforce Training**

Equity/Society

- **Education, Arts & Community**
- **Health & Safety**
- **Affordability & Social Equity**

ICLEI — Local Governments for Sustainability USA

U.S. Green Building Council — USGBC

Center for American Progress

National League of Cities

Environment

Seattle

Boulder

Albuquerque

Natural Systems	Planning & Design	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	

Oakland

Philadelphia

Economy

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.

Society

Minneapolis

Chicago

Education, Arts & Community	Health & Safety	Affordability & Social Equity
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

STAR Beta Development Timeline

		2011										2012		
	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
STAR Measures Development	■	■	■	■	■	■	■	■	■	■	■	■			
Define Requirements	■	■	■												
Design and Technical Architecture	■	■	■	■											
Design Charette		■													
Develop Prototype		■	*												
Develop Alpha Release				■	■	■	■								
User Feedback							■	■							
Develop Beta Release									■	■	■				
User Feedback											■	■			
Complete Version 1													■	■	■
Release V1															*

STAR Community Index

Initial Goal Areas for Beta Pilot

- Natural Resource Inventory & Planning

- Comprehensive Planning

- Greenhouse Gas Reduction

- Industry Sector Development & Revitalization

- Workforce Development Planning

- Educational Opportunities

- Food Access & Nutrition

- Equity Assessment & Planning

Beta Test Pilot Cities

- Austin
- NYC
- District of Columbia
- St. Louis
- Des Moines
- Cranberry Township, Atlanta
- Chatanooga
- Boulder
- King County, WA

WWW.ICLEIUSA.ORG

STAR Community Index

Initial Goal Areas for Beta Pilot

- Industry Sector Development & Revitalization

- Workforce Development Planning

  - stakeholder engagement & collaboration

  - green jobs & living wage jobs

  - equity gaps for human capital initiatives

  - local workforce investment

  - apprenticeship and training/re-training

STAR Community Index

Initial Goal Areas for Beta Pilot

- Food Access & Nutrition

  - farmer's markets
  - zoning for community gardens
  - school wellness policies for healthy food & nutrition standards
  - food literacy programs
  - # residents living within walkable half-mile of a grocery store

STAR Community Index

Initial Goal Areas for Beta Pilot

- Equity Assessment & Planning

  - stakeholder engagement & participation

  - access of all residents to safe & affordable opportunities (infrastructure, jobs, food, education, health, parks etc)

  - distribution and shared positive and negative impacts of development

  - education re: equity, rights, access to transparent data

OFFICE
of Sustainability
Community Coffee

Series of informal coffee discussions

Past: Friday, January 28th

Schlotzky's

Next: This Friday, February 25th

Central Market Café

4001 North Lamar

8:00 – 9:00 AM

Contact:

Katherine.Gregor@ci.austin.tx.us