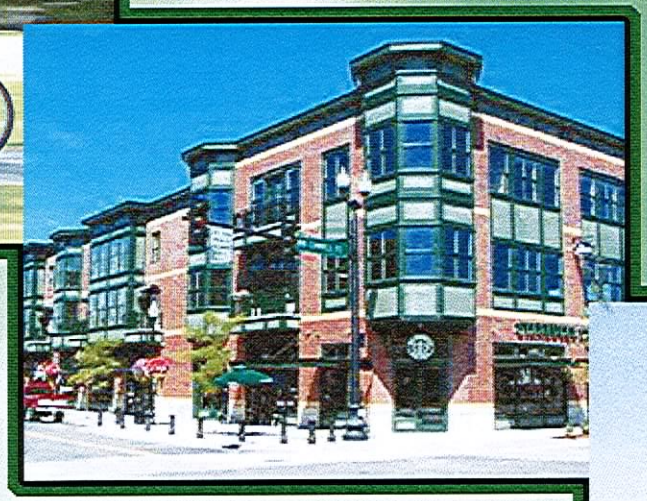
ACTION PLAN

City Council – Planning Commission Sustainability Workshop



Submitted after City Council
Date 10/4/07 Item #52

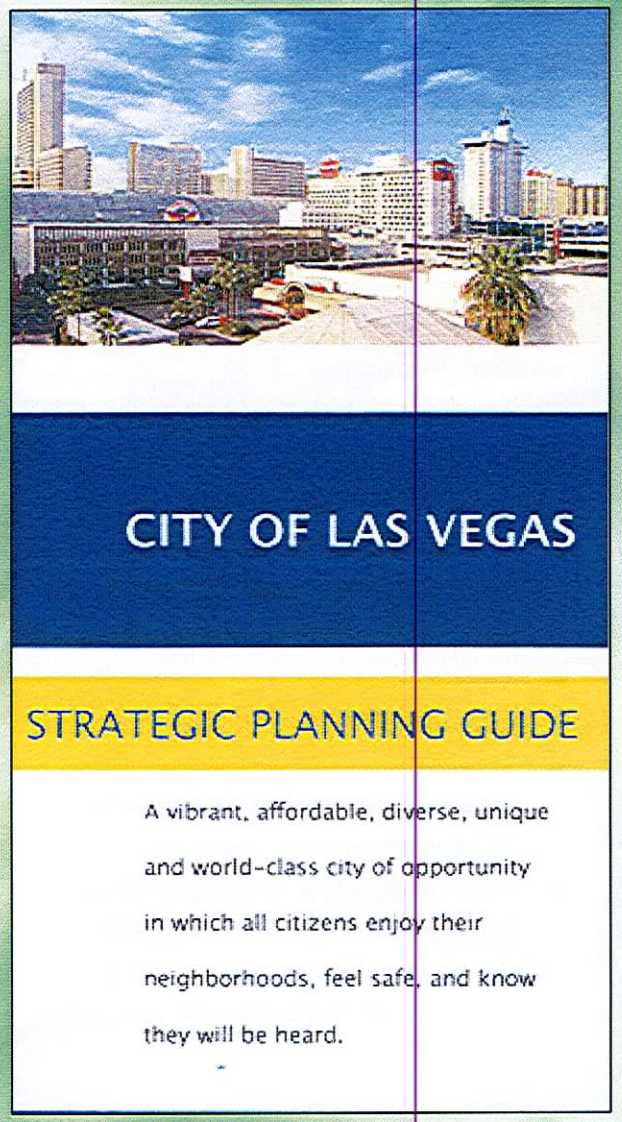
CITY OF LAS VEGAS NEVADA

Presenters

- Windom Kimsey, AIA's "Blueprint for Las Vegas"
- Polly Carolin, Transit Oriented Development
- Deepika Padam, USGBC and LEED
- Rita Brandin, Union Park LEED Neighborhood Development
- Michael Kinsley, Whole System Thinking

Sustainability Policy: Strategic Priorities

- Create, integrate, and manage orderly and sustainable development and growth of our community.
- Manage cost and revenue resources to achieve efficient operations.
- Support and encourage sustainability, livability, and pride in our neighborhoods.



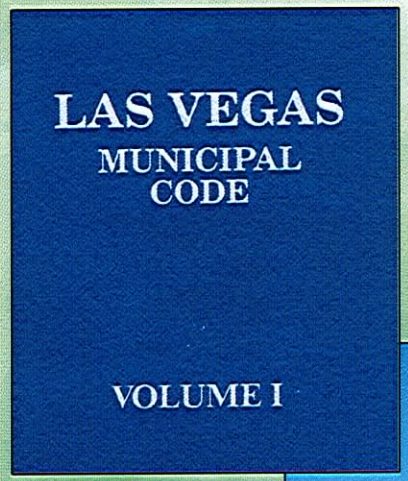
City Manager Sustainability Policy:

Meeting the needs of the present without compromising the ability of future generations to meet their needs.

Applies to:

- economic development,
- energy consumption, and
- social organization.

Framework



- Business practices

- Operations

- Community outreach

Action Plan

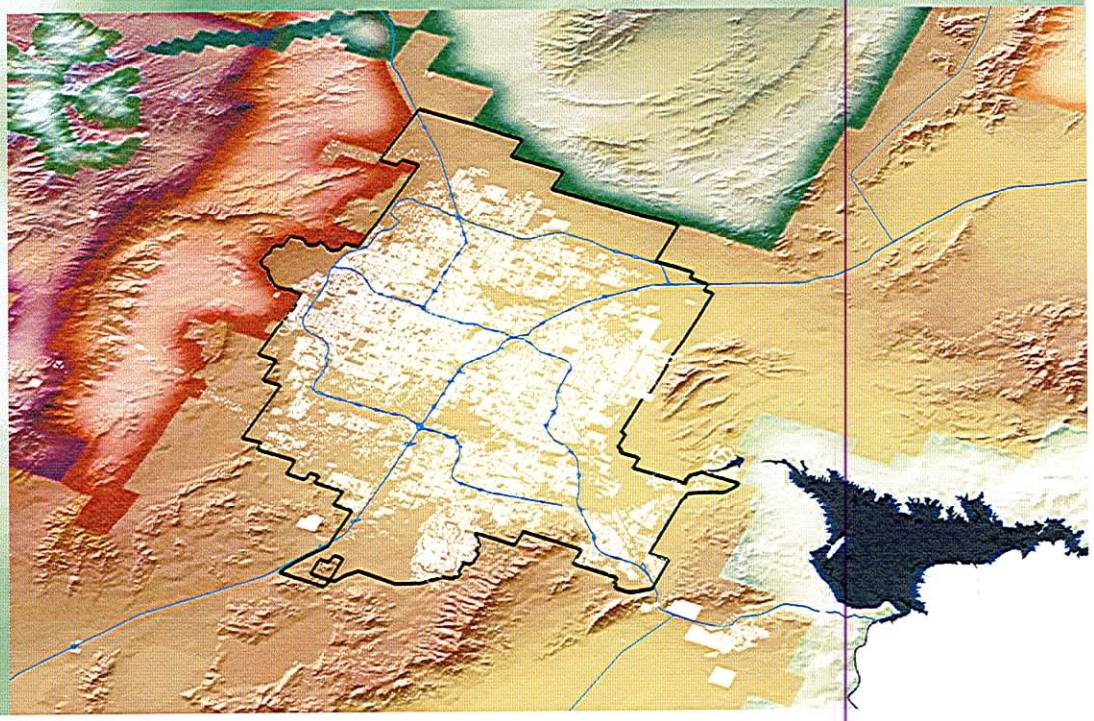
- Adopt Sustainability Plan
- Examine Costs of Expansion
- Perform Code Audit
- Evaluate Incentives and Mandates for Green Building
- Promote Green Building Benefits to Homeowners
- Adopt Heat Island Mitigation Plan
- Establish Tree Planting Program
- Prepare city of Las Vegas Best Practices Report

Adopt Sustainability Plan

- Environmental Baseline Analysis
- Review Existing Policies, Programs and Practices
- Gap Analysis
- Goals, Targets and Indicators
- Summary of Institutional Hurdles
- Implementation

Evaluate Fiscal and Environmental Costs of Expansion

- Development vs. Expansion
- Expenditures:
  - Capital Costs
  - Operation and Maintenance Costs
- Revenue Projections



Code Audit

- Identify Barriers to Sustainability
- Identify Opportunities

Evaluate Incentives and Mandates for Green Building

- Current Incentives
- Potential Incentives
- Level of Mandatory Compliance

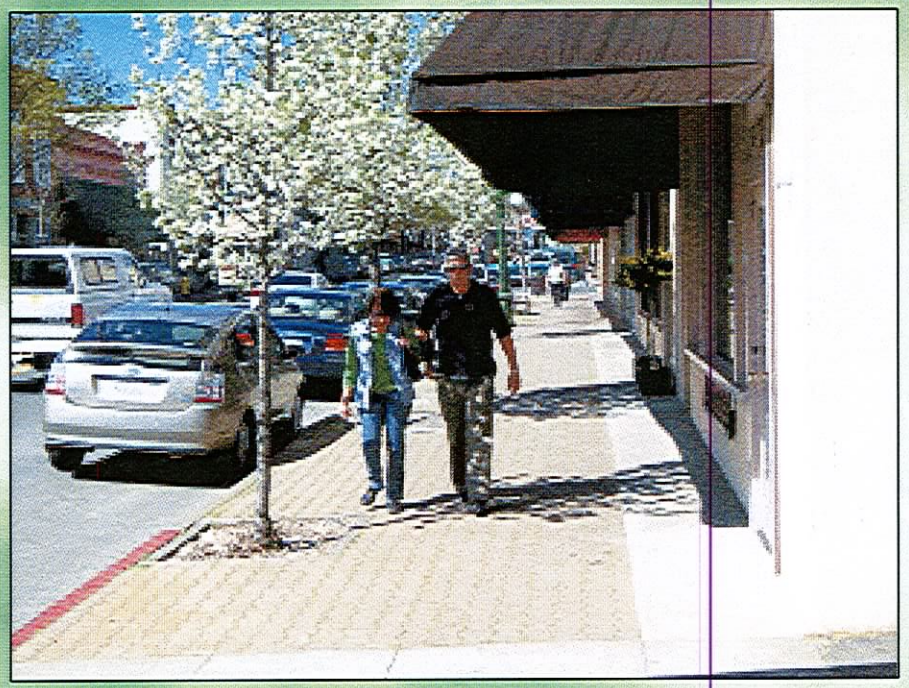
Promote Green Building

- Establish Green Council
- Identify Pilot Neighborhoods
- Perform Energy Audits
- Perform Urban Design Review
- Develop Sustainability Strategy
- Implement Strategy

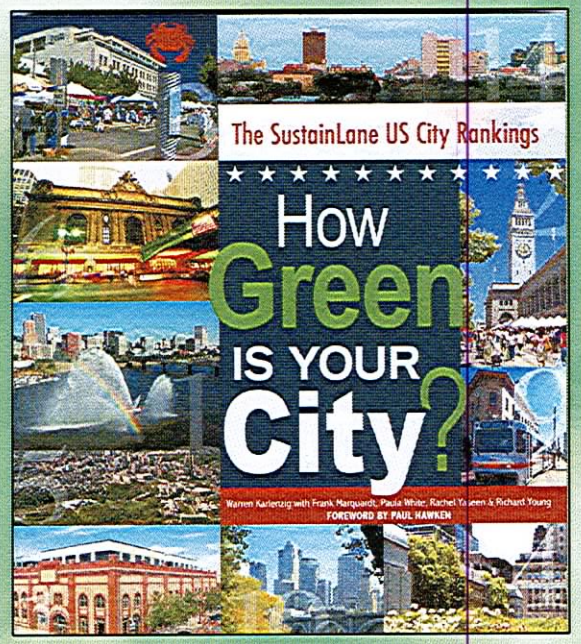
Heat Island Mitigation Plan

- Paving
- Trees
- Rooftops

Tree Planting Program



Best Practices Report



- CELEBRATE
- Fleet operations
- Traffic signal conversions
- Green Building program
- Union Park LEED Pilot program
- Climate Protection Resolution
- Controls at water treatment plant – 50% reduction
- Waste treatment plant – methane recovery
- New city buildings – LEED silver standard