



Sustainability Strategic Plan
for
The City of University City, Missouri
October 18, 2010

Sustainability Strategic Plan

**Developed by the University City
Green Practices Committee:**

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Sustainability

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

- UN Brundtland Commission, 1983



Why?



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Mission

The mission of the Green Practices Committee of University City is to encourage sustainable practices and programs that improve the health and quality of life of our community; restore and protect our natural resources; and strengthen our economy.

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Vision

Our vision for University City is to have a fully engaged community – city government, citizens, students, business owners, and patrons that integrate sustainability into every decision made, every action taken.



Values

Our values are three-fold.

- We believe there is a connection between economic, environmental and social well-being.*
- We believe we must be stewards of our community; therefore, this compels us to use our knowledge to enhance the quality of life of future generations.*
- We believe that local behavior and global development are linked: this requires that we think globally, as we act locally.*

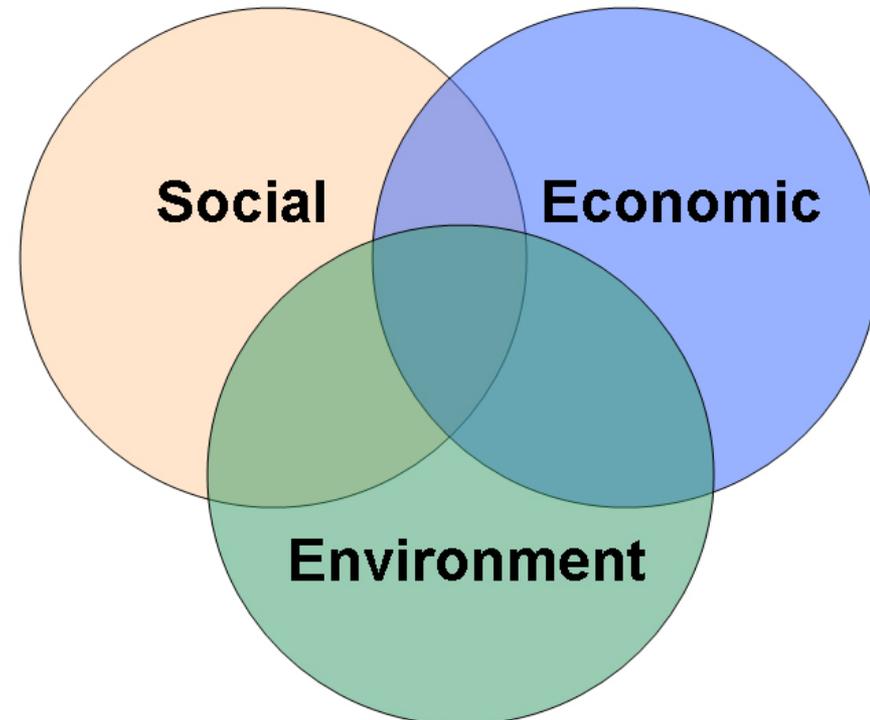


The Triple Bottom Line:

The simultaneous pursuit of economic prosperity, environmental quality and social equity

- *People*
- *Planet*
- *Profit*

A Sustainable Balance





Sustainability Strategic Plan Matrix

- ***Ecosystems/ Habitat***
- ***Water/ Stormwater***
- ***Air Quality/ Transportation***
- ***Waste/ Resource Conservation***
- ***Land Use/ Open Space/ Parks***
- ***Energy***
- ***Green Buildings***



Sustainability Strategic Plan Matrix

- ***Ecosystems/ Habitat***

- ❖ *Use local expertise to evaluate & restore habitats*
- ❖ *Provide environmental education*



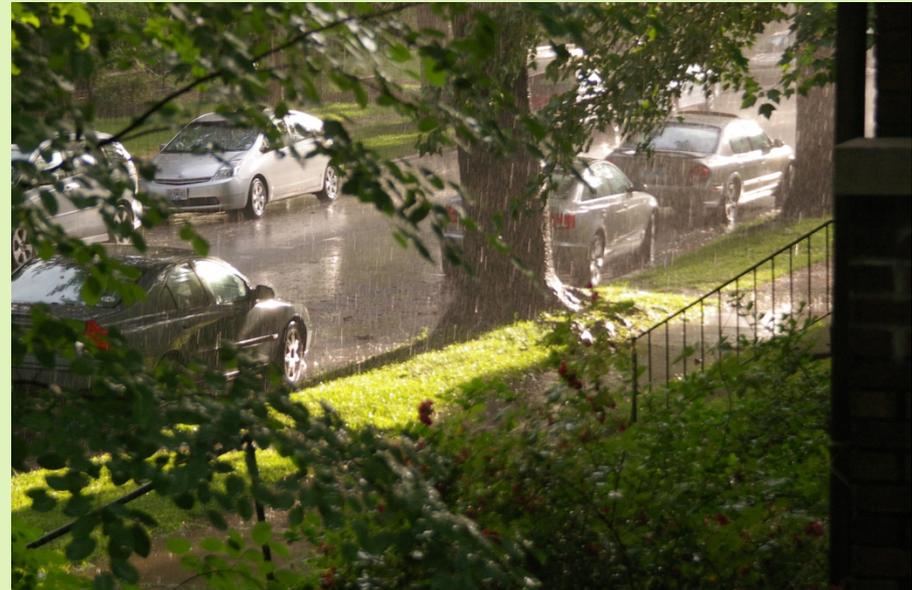
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Sustainability Strategic Plan Matrix

- ***Water/ Stormwater***

- ❖ *River Des Peres*
- ❖ *Address issues with stormwater runoff & flooding*
- ❖ *Develop strategies to reduce potable water use*

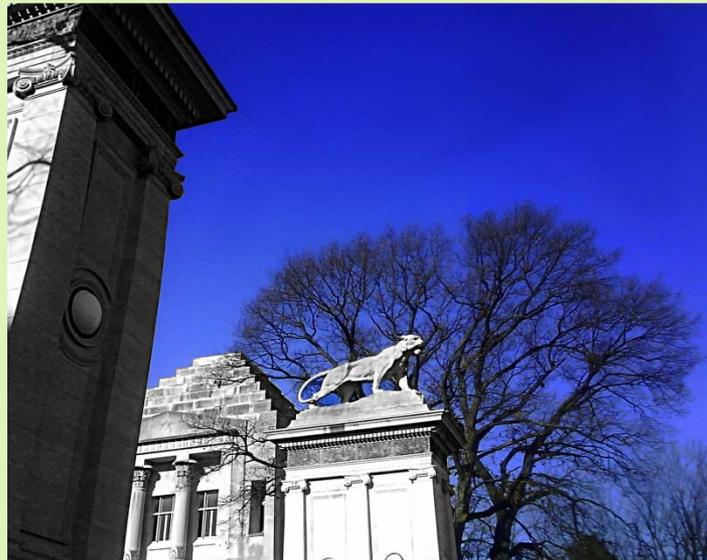


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Sustainability Strategic Plan Matrix

- ***Air Quality/ Transportation***
 - ❖ *Strategies to improve air quality*
 - ❖ *Reduce CO2 emissions from vehicles*



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Sustainability Strategic Plan Matrix

- ***Waste/ Resource Conservation***

- ❖ *Reduce waste – City, commercial, residential*
- ❖ *Improve recycling & composting practices, participation*



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Sustainability Strategic Plan Matrix

- ***Land Use/ Open Space/ Parks***

- ❖ *Comprehensive planning & zoning ordinances*
- ❖ *Design standards*
- ❖ *Enhance & improve land use, open space in U City*



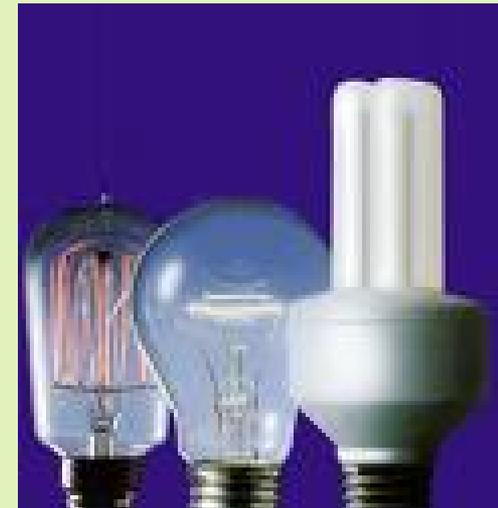
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Sustainability Strategic Plan Matrix

- ***Energy***

- ❖ *Reduce energy use*
- ❖ *Use energy efficient vehicles*
- ❖ *Renewable energy*
- ❖ *Reduce carbon footprint – City, residences*





Sustainability Strategic Plan Matrix

- ***Green Buildings***
 - *Green Building Code*
 - *Rating Systems – LEED, Energy Star*
 - *Sustainable operations & maintenance of existing buildings*



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Action Items - Cost & Status from Resolution 2009-18

- | | |
|---|--|
| <i>1. Perform a Greenhouse Gas (GHG) Emissions Inventory</i> | <i>\$8,000 from DOE grant</i> |
| <i>2. Perform energy audits of all City facilities & develop an Energy Master Plan</i> | <i>\$20,000-25,000 estimated fee. Can also investigate the Ameren and Laclede Gas business incentive programs to see if there are funds available for energy audits.</i> |
| <i>3. Define sustainable design guidelines for capital projects & return on investment expectations</i> | <i>No cost; this is a policy decision</i> |

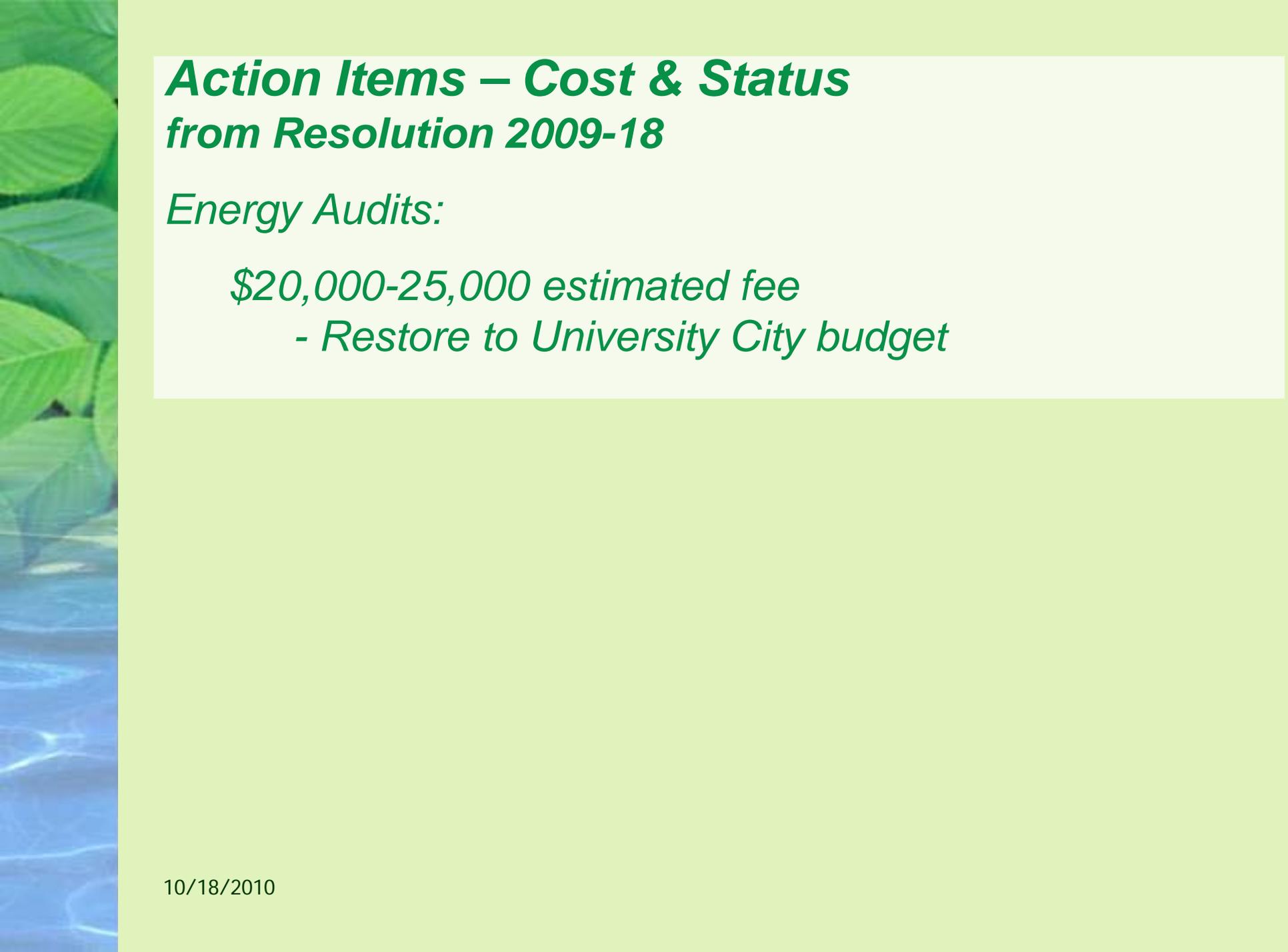
Action Items - Cost & Status from Resolution 2009-18

4. *Analyze street lighting and develop approach to reduce energy use & cost*

\$140,000 from DOE grant

5. *Revise Building & Zoning codes to align with sustainable design, construction & operating best practices*

Already in process; the IGCC (International Green Construction Code) is compatible with the International Building Code, 2006 Edition adopted by University City.



Action Items – Cost & Status from Resolution 2009-18

Energy Audits:

*\$20,000-25,000 estimated fee
- Restore to University City budget*



Thank You!

**University City
Green Practices Committee**

<http://www.ucitymo.org/index.aspx?nid=451>