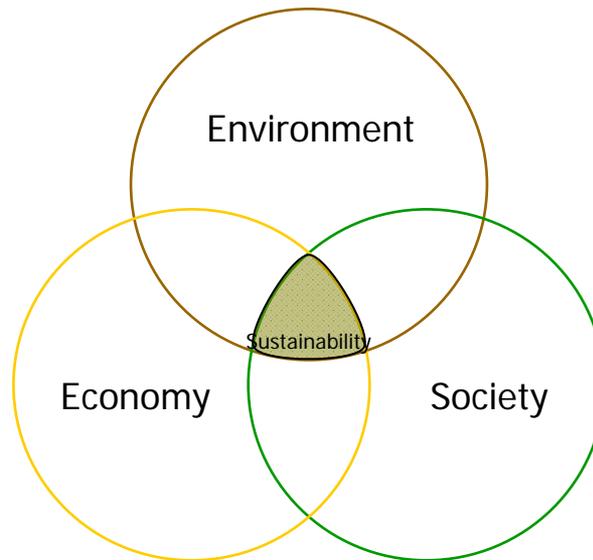




GREEN GOVERNMENT PROGRAM

MAG TAG Meeting
September 18, 2008
Jonce Walker, Planner

Maricopa County Planning and Development



GREEN GOVERNMENT PROGRAM

Agenda

- What is it?
- Involvement
 - Internal
 - External
- Measurements
- Implementation



What is the GREEN GOVERNMENT PROGRAM?

A Board of Supervisors adopted comprehensive policy document to help strengthen Maricopa County's vision towards regional sustainability.



What is the GREEN GOVERNMENT PROGRAM?

1 Mission

16 Actions

124 Measures



GREEN GOVERNMENT PROGRAM

Addresses the following issues:

- Energy Efficiency
- Renewable Energy
- Water Conservation
- Air and Water pollution reductions
- Land redevelopment and renewal
- Material reuse and recycling
- Eco-friendly economic development strategies
- Building environmental partnerships



GREEN GOVERNMENT PROGRAM

County Department Participation

- Air Quality
- Department of Transportation
- Environmental Services
- Equipment Services
- Facilities Management
- Flood Control
- Parks and Recreation
- Planning and Development
- Public Health
- Solid Waste



GREEN INITIATIVE PROGRAM

Public Outreach

- Arizona Department of Water Resources (ADWR)
- Arizona Department of Environmental Quality (ADEQ)
- Arizona Department of Game and Fish
- Arizona Public Service (APS)
- City of Phoenix
- Desert Botanical Gardens
- Generation Seven
- Global Institute of Sustainability - ASU
- Global Water
- Home Builders Association of Central Arizona



GREEN INITIATIVE PROGRAM

Public Outreach (Continued)

- Kitchell
- Scottsdale Green Building Program
- Salt River Project (SRP)
- US Green Building Council Local Chapter
- Urban Land Institute - Arizona
- Valley Forward
- Valley Metro
- Waste Management
- Other Community Groups and Organizations



GREEN GOVERNMENT PROGRAM

Planning and Development

1 Mission

11 Actions

24 Measures

5 Immediate Measures



GREEN GOVERNMENT PROGRAM

The business adage that what gets measured, gets done, remains true.



GREEN GOVERNMENT PROGRAM

Planning and Development Measurements

Measure 1:

By **July 2009**, Planning and Development will establish a program to reduce paper use by **5%** by July **2012**. Beginning in **July 2010**, Planning and Development will provide an annual report that measures progress in achieving and maintaining the target reduction and identifies overall program results.



GREEN GOVERNMENT PROGRAM

Planning and Development Measurements

Measure 1: *Paper Reduction*

Implementation

- Internal education outreach (eco-e-letter)
- Program to have staff look at print preview before documentation is printed
- Digital Commission and BOS packets
- Scan and email public record requests instead of physical hard copies
- Double side all copies
- Digital building permit submission
- Phone book elimination
- Junk mail/ghost mail elimination

Reporting

- Monthly report detailing expedited digital submission leading to paper use reduction
- Weekly query to the local server for total pages printed
- Calculate the amount of digital review vs paper review
- Current monetary impacts vs declining paper usage monetary impacts



GREEN GOVERNMENT PROGRAM

Planning and Development Measurements

Measure 2:

By **July 2009**, Maricopa County agencies will prepare reward and incentive programs for employees and/or groups of employees that demonstrate leadership in furthering Maricopa County's recycling goals. Beginning in **July 2010**, each county agency will provide an annual report that identifies the recipients of such rewards.



GREEN GOVERNMENT PROGRAM

Planning and Development Measurements

Measure 2: *Recycling Rewards*

Implementation

- Internal education outreach (eco-e-letter)
- “green listing” for employee donated items on the eco-e-letter
- Centralized office supply re-use area
- Additional recycling options
- Increase recycling bins throughout the department
- Environmentally friendly prizes
- Innovative idea submission
- “Eco-Employee” showcase on each eco-e-letter

Reporting

- Comprehensive leadership report documenting employees who exceed the normal recycling/re-use efforts



GREEN GOVERNMENT PROGRAM

Planning and Development Measurements

Measure 3:

By **July 2010**, Planning and Development Department will complete and analysis regarding the feasibility of expedited permitting for buildings that meet “Green” building standards. If deemed feasible, by **July 2011**, Planning and Development will complete a time frame for implementation. Beginning in **July 2009**, Planning and Development will prepare an annual report that measures progress towards completion of the feasibility study and implementation and identifies overall program results.



GREEN GOVERNMENT PROGRAM

Planning and Development Measurements

Measure 3: *Green Building*

Implementation

- Work with building plan review
- Work with other municipalities with “green” building programs
- Calculate savings analysis for the public regarding green building vs conventional
- Calculate feasibility for adopting own regional plan or using the LEED or other program
- Calculate the cost for additional training to review “green” building program submittals

Reporting

- Comprehensive feasibility report



GREEN GOVERNMENT PROGRAM

Planning and Development Measurements

Measure 4:

By **July 2009**, Maricopa County agencies and departments will prepare reward and incentive programs for employees and/or groups of employees that demonstrate leadership in furthering Maricopa County's energy reduction goals.

Beginning in **July 2010**, each county agency will provide an annual report that identifies the recipients of such rewards.



GREEN GOVERNMENT PROGRAM

Planning and Development Measurements

Measure 4: *Energy Conservation Rewards*

Implementation

- Internal education outreach (eco-e-letter)
- Showcase employee suggested office/home energy saving tips
- Innovative idea submission
- Environmentally friendly prizes
- “Eco-Employee” showcase on each eco-e-letter

Reporting

- Comprehensive leadership report



GREEN GOVERNMENT PROGRAM

Planning and Development Measurements

Measure 5:

Maricopa County will develop and implement a program whereby Maricopa County agencies and departments will reduce overall energy use by at least **5%** between **July 2008** and **July 2013**. Beginning in **July 2009**, each county agency and department will provide an annual report that measures progress towards achieving and maintaining the target energy savings goals, identifies these and other strategies employed to date and identify overall program results for their agency.



GREEN GOVERNMENT PROGRAM

Planning and Development Measurements

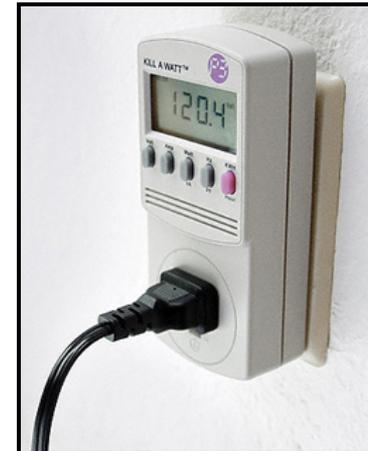
Measure 5: *Energy Reduction*

Implementation

- Internal education outreach (eco-e-letter)
- Turn off non-critical electrical equipment
- *Energy Star* qualified equipment
- Manually turn off lights for spaces that are not in use (cover plate reminders)
- Fluorescent lights instead of incandescent for personnel lamps
- Motion sensors

Reporting

- Comprehensive energy efficiency effort report
- Kill-a-Watt estimation
- Calculate CO2 emission avoidance



Questions?

