

FLAGSTAFF SUSTAINABILITY PROGRAM

YEAR IN REVIEW: 2011

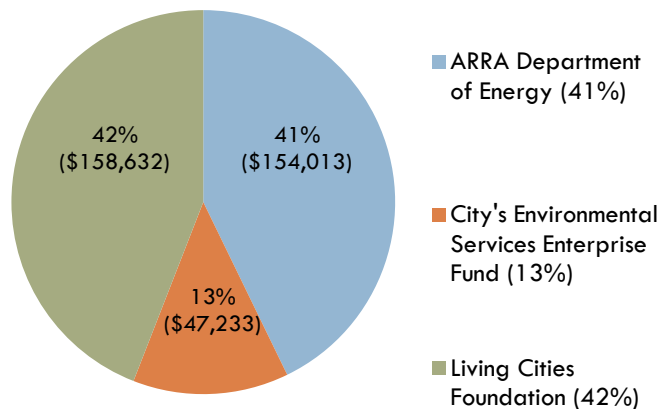
MISSION STATEMENT

The Flagstaff Sustainability Program serves the community and municipal organization as a catalyst for economic, environmental and social sustainability through policy development, project implementation, leadership, and education.

BUDGET

Contractuals and commodities for fiscal year 2011-2012 (June 30, 2011 – July 1, 2012) is \$82,610. In calendar year 2011 the program received \$394,878 in grant funds and in-kind leveraging.

Calendar Year 2011
Funded Programming by Source



GRANT FUNDING

Funding in the amount of \$359,878 was secured for community programming through federal, private and foundation grants. Funders include: the American Recovery and Reinvestment Act (ARRA), U.S. Department of Energy – Energy Conservation Block Grant, Living Cities LLC, the Institute for Sustainable Communities, the Urban Sustainability Directors Network, and the Surdna Foundation.

IN-KIND LEVERAGING

In-kind support valued at \$35,000 was received from federal, private and utility sources. These include APS, Coconino Community College, Institute for Sustainable Communities, ICLEI Local Governments for Sustainability, Keep America Beautiful, Urban Sustainability Directors Network, and AmeriCorps.

STAFF

The Program employs three permanent, full time staff, one grant-funded temporary full time staff, and two full time AmeriCorps Youth in Action Sustainability Aides.



PLANNING, POLICY DEVELOPMENT AND PROGRAMMING

The Flagstaff Sustainability Program develops and implements policies, projects and programming directly related to municipal and community-wide sustainability. The Program builds on the principles of economic, environmental, organizational and social sustainability. Programming supports the integration of these principles throughout City operations while providing critical resources to the Flagstaff community. Examples of work priorities include:

Adaptation and Management

Monitor, prepare and plan for the impacts of the changing climate on Flagstaff's local economic, natural and community resources.

2011 Accomplishments

- Completed Fiscal Year 2011 Municipal and 2010 Community Greenhouse Gas Reports
- Conducted a cross-organization assessment that identified areas within City operations and services at risk to weather and precipitation variability
- Assisted in the development of the Western Adaptation Alliance, aimed at building regional collaboration in resiliency and adaptation planning
- Received grant funding to support the advancement of the Western Adaptation Alliance

Energy Efficiency

Increase energy efficiencies in the residential sector and prepare long-term energy planning.

2011 Accomplishments

- American Recovery and Reinvestment Act Residential Retrofit Grant 75 percent completed
- Completed 132 residential retrofits
- 4th annual LED Holiday Light Swap
- Distributed 5,000 CFL bulbs to residents in partnership with local area food banks

IN THE NUMBERS

Residential Retrofits	132 households (369 residents) served	
Annual estimated savings: \$32,443	Annual estimated energy savings: 308,983 kWh	Annual estimated greenhouse gas emissions saved: 472,753 lbs CO ₂ e
LED Holiday Light Swap	331 households served	
Annual estimated savings: \$713	Annual estimated energy savings: 1,017 kWh	Annual estimated greenhouse gas emissions saved: 1,566 lbs CO ₂ e
CFL Installations	925 households (3,000 residents) served	
Annual estimated savings: \$61,296	Annual estimated energy savings: 578,400 kWh	Annual estimated greenhouse gas emissions saved: 890,736 lbs CO ₂ e
Recycling/Composting Outreach	1,002 community members participated in recycling and composting workshops and tours	
Municipal Energy Efficiency and Renewable Energy Rebates	\$2,500 in annual savings to the organization for energy rate improvement. \$2,700 in rebates processed and received for municipal energy efficiency and renewable energy projects	
Community Agriculture	178 community gardeners. Estimated food production: 6,647 pounds	
Earth Day 2011	1,400 community members participated in the celebration, including more than 50 community service project participants	
Sustainable Home Tour	Over 200 community members participated in the tour	
World Carfree Day	329 community members registered to go carfree for the day	

Renewable Energy

Increase municipal renewable energy generation and consumption and promote renewable energy and financing models for community.

2011 Accomplishments

- Managed financing and design of a solar photovoltaic installation at Wildcat Waste Water Treatment Facility. The system will provide 24% of the current electric needs at the facility. This initiative represents Phase I of the City's Solar Power Purchase Agreement and long-term renewable energy commitment

Municipal Sustainability Plan

Improve the municipal organization by increasing effectiveness, reducing consumption, and enhancing employee satisfaction.

2011 Accomplishments

- Municipal Sustainability Plan adopted by City Management
- Fleet Utilization and Replacement Policy and procedures adopted by City Management and Fleet Management Committee
- Completed an energy use and meter audit to improve the consistency, reliability and accessibility of the City's energy management.
- Conducted waste audits of City facilities to identify strategies to decrease recycling contamination

Open Spaces

Support the acquisition, management, protection and conservation of open space as a community asset.

2011 Accomplishments

- Passed City Council Resolution to protect Picture Canyon
- Submitted purchase application and reclassification petition to the State Land Department to acquire 477 acres of open space in Section 4 Picture Canyon through the Arizona Preserve Initiative

Quality of Life

Increase our community resiliency and social well-being.

2011 Accomplishments

- Expanded Community Agriculture Projects to include garden space at the former New Start School
- Initiated Sustainable Business Assessments for local businesses
- Hosted Flagstaff Earth Day Celebration and Service Projects
- Co-hosted Sustainable Home Tour with Coconino County

Recycling and Composting

Increase recycling rates and decrease contamination throughout the municipal organization and community. Provide education in the residential, education and commercial sectors.

2011 Accomplishments

- Assisted local multi-family housing complexes with implementing recycling service
- Installed community recycling collection bin in the Main Library for CDs/DVDs, batteries, MP3 players, cell phones, and ink cartridges
- Provided education on single-use plastic bag reduction and recycling at area grocery stores in celebration of America Recycles Day

Community Partnerships

Build and maintain partnerships to foster community-wide sustainability.

2011 Accomplishments

- A League of Neighborhoods - Flagstaff
- AmeriCorps Youth in Action
- Arizona Public Service (APS)
- Coconino Community College – Community and Corporate Learning
- Coconino County / Coconino Rural Environment Corps
- Flagstaff FoodLink
- Neighborhood and Community Associations
- Northern Arizona Council of Governments
- Northern Arizona University
- Sustainable Economic Development Initiative
- UniSource Energy Services
- Weatherization and Community Building Action Team



211 West Aspen Ave
Flagstaff, AZ 86001
928.213.2153

www.flagstaff.az.gov/sustainable

