

FLAGSTAFF SUSTAINABILITY PROGRAM

YEAR IN REVIEW: 2013



MISSION STATEMENT

The Flagstaff Sustainability Program empowers Flagstaff to be resilient and resourceful.

BUDGET

Contractuals and commodities for fiscal year 2013-2014 (6/30/2013-7/1/2014) is \$84,110. The budget has remained flat since fiscal year 2010. In calendar year 2013, the program received \$6,561,644 in grant funds and in-kind donations to conduct municipal and community programming.

Calendar Year 2013 Funding Source	Amount
Grants	
Arizona State Parks	\$6,000,000
Federal Aviation Administration	\$296,508
Walton Family Foundation	\$200,000
APS Corporate Giving	\$1,500
In-Kind	
National Park Service	\$30,000
CLIMAS	\$20,000
Coconino Rural Environmental Corps	\$8,000
Urban Sustainability Directors Network	\$4,086
National League of Cities	\$2,250
Total \$6,561,644	

STAFF

The Sustainability Program employs three permanent full-time staff and two and a half full-time AmeriCorps Youth in Action staff.



PLANNING, POLICY DEVELOPMENT, AND PROGRAMMING

Sustainability Program staff develop and implement 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 our 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.

2013 Accomplishments

- Facilitated Resiliency and Preparedness workshops with both the Police and Public Works divisions, resulting in action items for both to incorporate as they plan future budget priorities.
- With grant funding, co-hosted Climate Leadership Academy on Western Water Issues with Intermountain West partners

Energy Efficiency

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

2013 Accomplishments

- Distributed rebates for efficient gas water heaters and furnaces, attic insulation, air sealing, and duct sealing to 75 households as part of the Energy Rebate Program.
- Launched the DIY Home Energy Efficiency Initiative, providing energy efficiency kits and education to 85 households.
- 297 households participated in the 6th Annual LED Holiday Light Swap. 1,100 pounds of old, inefficient lights were recycled through the event.

Renewable Energy

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

2013 Accomplishments

- Installed phase three of our solar energy initiative at Wildcat Hill Wastewater Treatment Plant, Rio De Flag Wastewater Treatment Plant, and the Flagstaff Aquaplex, which will generate 1,344 megawatt hours (MWh) annually.
- Secured low interest financing (2.4%) and APS incentives (\$163,000 annually for 15 years) which will make the project cash positive in its first year.
- Generated 2,626 MWh in renewable energy at City facilities.





Open Spaces

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

2013 Accomplishments

- Acquired 2,251 acres of conservation land at Observatory Mesa with a \$6 million grant from Arizona State Parks and \$6.9 million voter initiated and approved Open Spaces bonds.
- Over 120 community members attended the Picture Canyon Celebration and participated in seven tours of the Preserve.

Quality of Life

Increase community resiliency and social well-being.

2013 Accomplishments

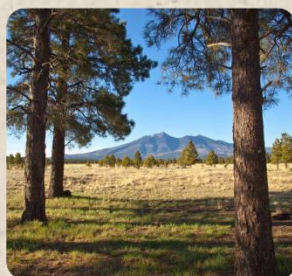
- Hosted 13 free community garden workshops in partnership with Flagstaff Foodlink, providing education on rainwater harvesting, seed saving, and composting, among others.
- 114 community gardeners helped to grow 2,045 pounds of food in 3 community gardens.
- Hosted Flagstaff Earth Day Celebration and Service Projects. 1,600 community members participated in the celebration and 150 volunteers contributed 300 service hours to clean up 60 bags of litter. 15,132 pounds of electronic waste was recycled through a partnership with E-Waste Harvesters.

Recycling and Composting

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

2013 Accomplishments

- Distributed 3,785 new recycling customer informational mailings.
- Provided in person recycling outreach to more than 1,100 community members.
- Collected 4,262 pounds of cell phones, MP3 players, CDs/DVDs, ink cartridges, and batteries at the Main Public Library community recycling collection bin.
- Distributed 720 reusable bags and provided education on single-use plastic bag reduction and recycling to the community at area grocery stores in celebration of America Recycles Day.



Municipal Sustainability Plan

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

2013 Accomplishments

- Taught Smart Driver Training to 300 employees and additional employees online in partnership with Human Resources, Risk Management, and Fleet Management to increase driving efficiencies and safety.
- Developed an online reservation system for employees to reserve shared City vehicles. Effective vehicle sharing allows the City to reduce the total number of vehicles in the fleet, saving money and resources.
- Implemented standardized workstation recycling system at City Hall to decrease recycling contamination.
- Provided resource consumption education to 96 employees at 20 new employee orientations.
- Initiated junk mail removal program for City employees in an effort to reduce the number of unwanted mailings.

2013 IN NUMBERS

Energy Rebate Program	75 households served	
Annual estimated savings: \$7,555	Annual estimated energy savings: 7,555 therms	Annual estimated greenhouse gas emissions saved: 83,256 lbs CO ₂ e
DIY Home Energy Efficiency Initiative	85 households served	
Annual estimated savings: \$26,481	Annual estimated energy savings: 300,00 kWh/11,500 therms	Annual estimated greenhouse gas emissions saved: 588,000 lbs CO ₂ e
6th Annual LED Holiday Light Swap	297 households served	
Annual estimated savings: \$1,118	Annual estimated energy savings: 10,644 kWh	Annual estimated greenhouse gas emissions saved: 16,392 lbs CO ₂ e
Renewable Energy	Installed 3 solar energy systems	
Annual estimated savings: \$151,468.80	Annual estimated energy savings: 1,344,000 kWh	Annual estimated greenhouse gas emissions saved: 2,069,760 lbs CO ₂ e
Recycling and Composting Outreach	1,100 community members engaged in recycling and composting education	
Municipal Energy Efficiency	Reduced municipal electricity consumption by 8.5% due to renewable energy generation	
Community Agriculture	114 community gardeners grew an estimated 2,045 pounds of food	
Earth Day 2013	1,600 community members participated in the celebration, including more than 150 community service project participants	
Sustainable Home Tour	180 community members participated in the tour	
Bike to Work Week	32 City employees biked to work 121 times, covering a total of nearly 820 miles	

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