



# **Annual Report June 2010- 2011**

## Arvada Sustainable Action Plan Municipal Operations

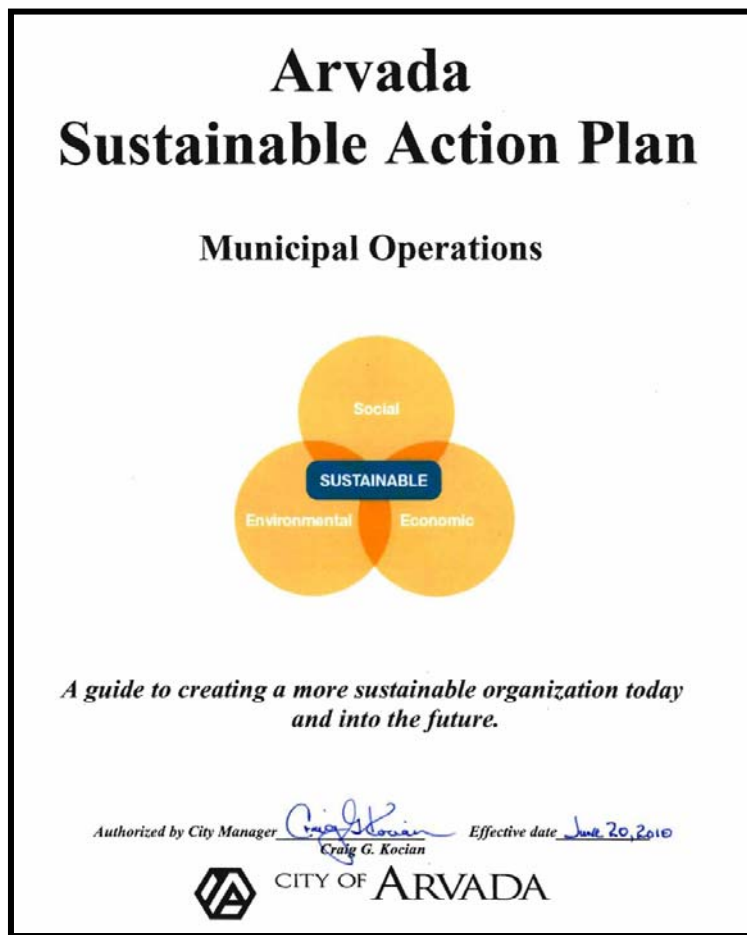


CITY OF ARVADA

## Introduction

In June of 2010 the City Manager authorized the Arvada Sustainable Action Plan for Municipal Operations which provides actions for creating a more sustainable organization. This plan defines sustainability as considering the short and long-term impacts of all of our decisions on the environmental, economic, and social well-being of the community.

The plan called for a Green Team to be established which would consist of a representative(s) from each City Department that would participate in the implementation of the plan. In addition, the plan called for an annual report from the Green Team to show the progress of implementation as well as communicate to the entire organization and community about the sustainability efforts taking place at the City.



Full plan can be found at [www.arvada.org/sustainability](http://www.arvada.org/sustainability)

# Overview of Actions Implemented June 2010-2011

## Materials and Waste Management

- ✓ Composting at Arvada Center and golf courses. Since September of 2010 26,000 pounds of food has been diverted from the landfill and gone to an industrial compost facility.
- ✓ Tracking of recycling established
- ✓ Single-stream recycling implemented in all City buildings
- ✓ Planning underway for pilot recycling in high traffic parks
- ✓ Paper reduction education

## Water and Land Management

- ✓ Remaining parks converted to computerized irrigation
- ✓ Water use in City buildings reviewed
- ✓ Shower timers installed to encourage shorter showers

## Energy

- ✓ Tracking system created for renewable energy
- ✓ Tracking system created for energy use in City facilities
- ✓ 22 kW of solar installed on the Arvada Community Food Bank with an estimated energy savings of \$11,000 per year
- ✓ 57 kW of solar installed on City Hall with an estimated energy savings of \$5,000 per year
- ✓ 10 kW of solar installed on Annex building with an estimated energy savings of \$1,100
- ✓ 7.6 kW of solar installed at the Majestic View Nature Center with an estimated energy savings of \$1,000 per year which covers the entire energy bill. This means more money for programming at the Nature Center
- ✓ New HVAC (heating and cooling) equipment, duct work, and temperature control system installed at the Annex building in addition to solar. This retrofit is estimated to save about 10% of the total energy load each year saving \$3,000 per year
- ✓ Quarterly Green Team Newsletter established to promote energy efficiency education, as well as the many other projects, programs, and behavior change.
- ✓ Researched language for LEED policy for new and major retrofits of City buildings

## Transportation

- ✓ Arvada Pedal Power employee bike pool established and 625 miles have been ridden
- ✓ Work begun on idling policy for City vehicles
- ✓ Researched vehicle replacement/retrofits practices
- ✓ Every Trip Counts program started in conjunction with the Regional Air Quality Council to provide incentives for employees to take an alternate form of transportation to and from work.
- ✓ Alternative Transportation Month

- ✓ Commute survey completed

**Employee Health and Organizational Vitality**

- ✓ Wellness leave created
- ✓ Personal use room created
- ✓ Continued health education through Wellness Committee
- ✓ Flexible schedule surveying/research

To read the full plan and see what Actions are up for implementation in 2011/2012 visit Inside Arvada or [www.arvada.org/sustainability](http://www.arvada.org/sustainability).

**All Topics and Goals included in the Arvada Sustainable Action Plan for Municipal Operations**

Topic Area	Goal
Waste Management	<ul style="list-style-type: none"> <li>• Establish sustainable purchasing guidelines</li> <li>• Increase recycling</li> <li>• Increase Composting</li> <li>• Reduce Resource Consumption</li> </ul>
Water and Land Management	<ul style="list-style-type: none"> <li>• Reduce water consumption on city owned land</li> <li>• Reduce water consumption in owned buildings</li> <li>• Increase public awareness of the importance of water conservation</li> </ul>
Energy	<ul style="list-style-type: none"> <li>• Increase the use of renewable energy in city facilities</li> <li>• Improve the energy efficiency of existing city buildings</li> <li>• Report utility usage for all City buildings to promote resource efficiency.</li> <li>• Pursue LEED designation for new and existing city facilities</li> </ul>
Transportation	<ul style="list-style-type: none"> <li>• Reduce emissions from city owned vehicles</li> <li>• Increase efficiency of multi-modal travel and commuting</li> </ul>
Employee Health and Vitality	<ul style="list-style-type: none"> <li>• Increase the physical and mental health of city employees</li> <li>• Reward excellent performance</li> </ul>