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# MEMORANDUM

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Date: November 8, 2016

To: The Honorable Chair and Members  
Pima County Board of Supervisors

From: C.H. Huckelberry,  
County Administrator

A handwritten signature in black ink, appearing to read "C.H. Huckelberry", is written over the typed name and title.

Re: **Progress Summary: Sustainable Action Plan for County Operations Fiscal Year 2015/16**

As a preview of the Sustainable Action Plan report card for the past fiscal year, please find attached the *Progress Summary: FY 2015/2016*, which highlights Countywide improvements made during Fiscal Year (FY) 2015/16, as well as areas where performance declined in achieving the goals and targets relative to baselines set forth in the 2014 *Sustainable Action Plan for County Operations*.

Over the past year, County departments and their staff implemented a range of actions to enhance the sustainability of County operations. As a result, these actions have improved operating efficiency, conserved resources, reduced operating costs and offset impacts to the environment. Combined, County sustainability efforts saved an estimated \$300,000 in avoided costs. Areas of improved performance of the County's sustainability targets include:

- Carbon Footprint: Avoided 9,778 metric tons of greenhouse gas emissions, which is the equivalent to burning 10.4 million pounds of coal.
- Renewable Energy: Generated 16,906,793 kilowatt hours of renewable energy, enough to power 1,760 average Tucson homes for one year.
- Alternative Fuels: Saved more than 2,500 barrels of oil due to fuel efficiency improvements in the County fleet.
- Water Conservation: Completed the Paseo De Las Iglesias flood control and ecosystem restoration and park project.
- Health and Wellness: Improved the percentage of County workforce who are "tobacco free."

Conversely, there are several targets where performance declined in the areas of energy efficiency, facility construction, water consumption in facilities, solid waste diversion and green purchasing. While the data does not suggest significant declines in performance goals or an overall downward trend, further efforts are now underway to determine the causes of those declines and to improve performance in the current fiscal year. The FY 2015/16

The Honorable Chair and Members, Pima County Board of Supervisors  
Re: **Progress Summary: Sustainable Action Plan for County Operations Fiscal Year 2015/16**  
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Sustainability Report Card will be released in December 2016 and will provide a more in-depth report on the County's progress.

CHH/lab

Attachment

c: John Bernal, Deputy County Administrator for Public Works  
Nanette Slusser, Assistant County Administrator for Public Works, Policy  
Linda Mayro, Director, Sustainability and Conservation  
Julie Robinson, Sustainability Program Manager

# Sustainable Action Plan for County Operations

## PROGRESS SUMMARY: FY 2015/2016

The following summarizes the progress made during FY 2015/16 toward achieving the targets outlined in the Sustainable Action Plan.

- Greenhouse Gas Emissions Avoided:** 9,778 MtCO<sub>2</sub>e, equivalent to burning 10.4 million pounds of coal.
- Renewable Energy Generated:** 16,906,793 kWh, enough to power 1,760 average Tucson homes for one year.
- Fuel Efficiency Improvements:** Saved more than 2,500 barrels of oil.
- Paseo de Las Iglesias Completed:** A \$14 million flood control, ecosystem restoration and park project.
- Dollars Saved:** Renewable energy and vehicle efficiency improvements are estimated to have saved more than \$300,000\* in avoided costs.

### Performance improved for 9 targets

Target	Percent improvement (relative to baseline)
<b>Minimizing the Carbon Footprint of County Government</b>	
Target 1: Facility Operations	13%
Target 3: Fleet Operations	14%
<b>Renewable Energy &amp; Energy Efficiency</b>	
Target 1: Renewable Energy	15%
Sub-Target 2: Solar	31%
<b>Alternative-Fuel Vehicles</b>	
Target 1: Greenhouse Gas Emissions	42%
<b>Water Conservation &amp; Management</b>	
Target 2-1: Parks served by reclaimed water	5%
Target 2-2: Miles of trail served by reclaimed water	21%
Target 3: Establishing and Maintaining Natural Habitat	47%
<b>Health &amp; Wellness</b>	
Target 3: Tobacco-free workforce	50%

### Performance declined for 8 targets

Target	Percent decline (relative to baseline)
<b>Renewable Energy and Energy Efficiency</b>	
Target 2: Energy Efficiency	2%
<b>Green Building</b>	
Target 2: Facility Construction	33%
<b>Water Conservation &amp; Management</b>	
Target 1: Water Consumption in Facilities	13%
<b>Waste Reduction</b>	
Target 1: Solid Waste Diversion	5%
<b>Green Purchasing</b>	
Target 3: Equipment Purchased	16%
Target 5-1: Printer Paper-100% recycled content paper	3%
Target 5-2: Printer Paper-30% recycled content paper	6%
Target 5-3: Printer Paper-Less than 30% recycled content paper	11%

\* While employee smoking cessation efforts resulted in significant cost savings, exact data was not available and therefore not included in this figure.