



# Maricopa County greengovernmentprogram



Maricopa County's significant population growth is historic and well-known. After adding approximately one million people in the 1990s, the County will again add another one million people in the first decade of this century. With a current population approaching four million and long-term projections showing the population nearly doubling again in less than 40 years, it is clear that strategies to help maintain a vibrant quality of life will be even more important in the future.

An important part of these strategies will be maintaining a healthy and sustainable environment. Recognizing the relationship between a healthy environment and the County's long-term success, the Maricopa County Board of Supervisors directed County departments to prepare and implement a long-term strategy whereby the County will reduce its carbon footprint, help save money, and enhance the region's environment. Several months of collaboration and coordination between its departments and community stakeholders has resulted in a new and innovative plan known as the Maricopa County Green Government Program.



2010  
Maricopa County  
**Board of Supervisors**



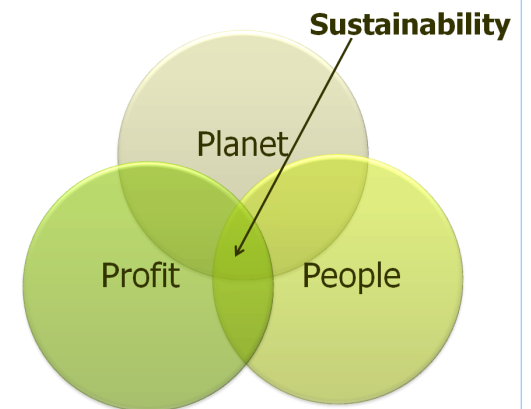
The Board of Supervisors recognizes the impacts that significant growth will continue to have on the region's environment. The Board of Supervisors also recognizes that it can and should be a regional leader in maintaining a healthy and sustainable community.

Leadership is a fundamental part of the Green Government Program because the identified actions will be implemented by County departments to demonstrate that environmental stewardship and cost savings can be achieved. This "Lead by Example" approach directs County departments to implement identified actions to help improve the region's air quality; improve water quality and quantity; increase material reuse and recycling; reduce energy use; make better informed decisions about efficient, economical, and environmentally sensitive land use and development patterns; and build long-lasting partnerships with the broader community.

While sustainability is often a misunderstood cliché, it's most commonly identified when environmental, economic, and social benefits overlap to achieve a positive outcome. Although achieving sustainability is difficult, Maricopa County believes the Green Government Program is an important step in a long-term approach to advance regional sustainability.

Maricopa County understands that we have a responsibility to our residents both current and future to be a leader in sustainability.

-Chairman Don Stapley



# Acknowledgments

The Green Government Program was a multi-departmental effort steered by exceptional leadership from the Board of Supervisors and County Manager David Smith.

Maricopa County departments include:

Adult Probation

Air Quality

Animal Care and Control

Environmental Services

Equipment Services

Facilities Management

Flood Control District

Human Resources

Library District

Medical Examiner's Office

Parks and Recreation

Planning and Development

Public Health

Public Works Professional Support Services

Solid Waste

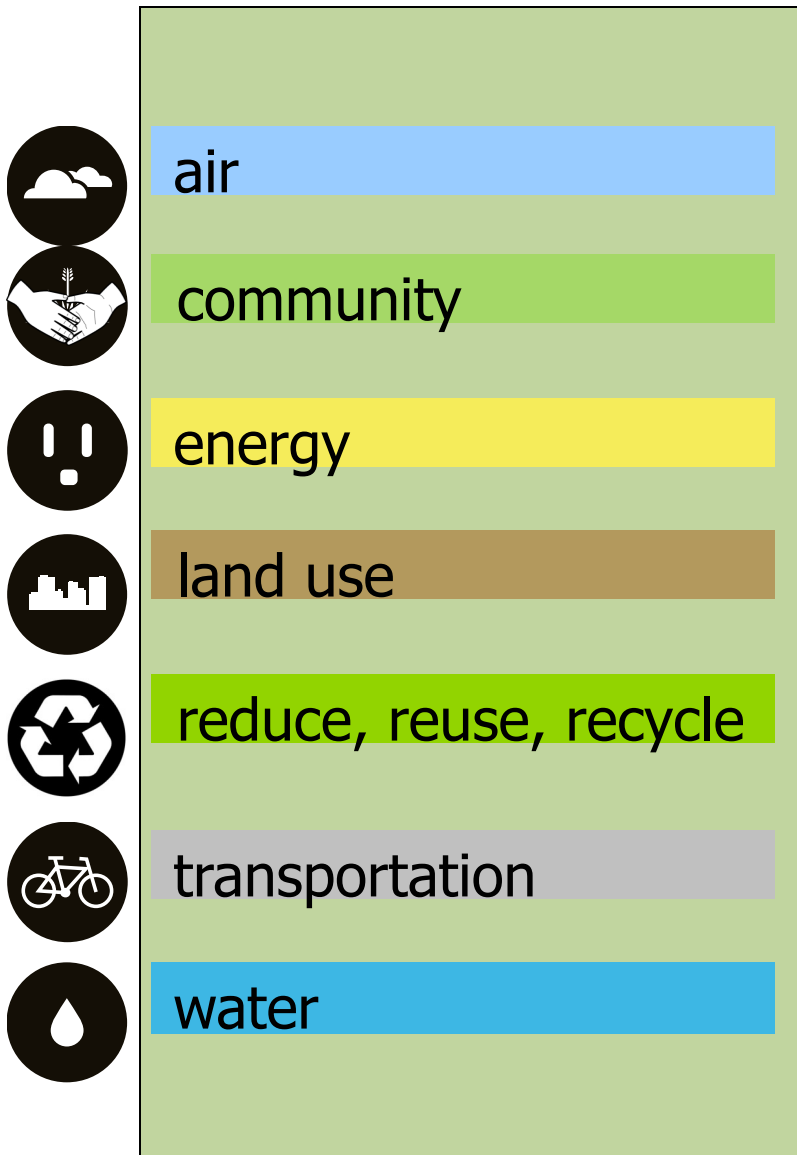
Stadium District

Superior Court

Transportation Department



# Impact-Icons



The "impact-icons" indicate which tract of sustainability certain measures will improve. Because sustainability is a very expansive issue many measures may blend into more than one impact-icon. This overlap will be indicated in the document by the corresponding impact-icon with the specific measure.

"Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs."  
  
-The Brundtland Commission



# transportation

Maricopa County maintains a personal fleet of over 2,000 vehicles and maintains a road network of over 2,600 miles with signals at over 115 intersections. According to the U.S. EPA, transportation contributes 29% of the total green house gas emissions, the major cause of global climate change. Additionally, unstable roadway shoulders and dirt roads are major contributors to dust production dilemma that Maricopa County has been challenged with for years. Because of these issues the Maricopa County Green Government Program has identified specific measurements to reduce the negative environmental impacts associated with transportation.














## Did You Know?

**Maricopa County has four separate locations that offer hybrid preferred parking.**



**Action Statement**  
 Create strategies to move people while improving quality of life, improving efficiency, and reducing vehicle miles traveled.














# TRANSPORTATION Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
AD2	All	All department buildings located near bus, bike, or light rail corridors will state such in email and meeting correspondence.	July 2011	Launched	  
AP1	<u>Adult Probation</u>	Utilize video conference technology for all possible presentence interviews.	July 2011	On-Going	 
AP2	<u>Adult Probation</u>	Add a new Adult Probation satellite location in the west valley.	July 2013	Launched	 
AP3	<u>Adult Probation</u>	Utilize Global Positioning Systems (GPS) to supervise some probationers who have high numbers of mandated contacts.	July 2013	Launched	 
AP4	<u>Adult Probation</u>	Continue to implement more on-line training classes as well as web-based meetings and conferences.	July 2011	On-Going	 
AP9	<u>Adult Probation</u>	Share workspace and utilize telecommuting.	July 2010	On-Going	 

*"Only after the last tree has been cut down...the last river has been poisoned...the last fish caught, only then will you find that money cannot be eaten."*







- Cree Native American Prophecy

# TRANSPORTATION Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
AQ1	<u>Air Quality Department</u>	Reduce fuel consumption by 10% based on FY 2007-2008 baseline use.	July 2012	Launched	 
ACC1	<u>Animal Care and Control</u>	Reduce fleet fuel consumption by 10% from baseline of the 2007-2008 FY	July 2011	Launched	 
ACC3	<u>Animal Care and Control</u>	Conduct a pilot program of working a 4/10 work schedule.	July 2011	Launched	 
ACC5	<u>Animal Care and Control</u>	Implement Geo Code vehicle fleet management to ensure efficient routes for all Field Officers	July 2011	Launched	 
ES3	<u>Environmental Services</u>	Reduce fuel consumption by 10% based on FY 2007-2008 baseline use.	July 2012	Launched	 
ES4	<u>Environmental Services</u>	Achieve a 75% rate for all customer requests to be processed online.	July 2015	Launched	  

















# TRANSPORTATION Measures
















Tag	Department	Measure Detail	Due	Status	Impact Icons
ES5	<u>Environmental Services</u>	Develop an internal educational protocol to promote employee awareness on green issues.	July 2011	Launched	
EQS1	<u>Equipment Services</u>	Educate all Maricopa County vehicle fleet operators about the Anti-Idle program.	July 2011	Launched	
EQS2	<u>Equipment Services</u>	Partner with ADEQ and RMFMA to secure <u>Green Shop</u> certification for 75% of Maricopa County fleet shops.	July 2012	Launched	
EQS3	<u>Equipment Services</u>	Provide written direction on an ongoing basis to county agencies and departments regarding the responsibilities Maricopa County has in relation to the vehicles that the county operates and their impact on the environment.	July 2009	Launched	
EQS4	<u>Equipment Services</u>	Fuel all diesel fleet vehicles with B20 (or greater) <u>biodiesel</u> .	July 2008	Accomplished	
FMD1	<u>Facilities Management</u>	Have some employees achieve <u>US Green Building Council LEED Accreditation</u>	July 2011	Launched	

*Every day is Earth Day.* -Author Unknown

# TRANSPORTATION Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
FMD 14	<u>Facilities Management</u>	Install bike racks at all applicable county owned/managed facilities.	July 2014	Launched	 
FMD 15	<u>Facilities Management</u>	Install preferred parking spaces for low-emitting, hybrid, or plug-in electric vehicles for 5% of the total vehicle parking capacity at 100% of county owned/managed sites where applicable.	July 2014	Launched	 
LD1	<u>Library District</u>	Reduce fuel consumption by 10% based on FY 2007-2008 baseline use.	July 2013	Launched	 
LD2	<u>Library District</u>	Construct all future libraries to a minimum of <u>LEED-Certified</u> standards.	July 2010	On-Going	   
LD7	<u>Library District</u>	Install bike racks at all applicable Library District owned/managed facilities.	July 2013	Launched	 
LD8	<u>Library District</u>	Install preferred parking spaces for low-emitting, hybrid, or plug-in electric vehicles for 5% of the total vehicle parking capacity at 100% of county owned/managed sites where applicable.	July 2013	Launched	 















# TRANSPORTATION Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
MEO2	<u>Medical Examiner's Office</u>	Use alternative meeting capabilities to reduce travel to meetings by staff during their off hours.	July 2010	On-Going	 
PR3	<u>Parks and Recreation</u>	Add 15 miles annually to the Maricopa County Regional Trail System.	July 2010	On-Going	  
PR4	<u>Parks and Recreation</u>	Construct 100% of all new Nature Centers to a minimum of <u>LEED-Certified</u> standards.	July 2010	On-Going	   
PR10	<u>Parks and Recreation</u>	Install preferred parking spaces for low-emitting, hybrid, or plug-in electric vehicles for 5% of the total vehicle parking capacity at 100% of Parks and Recreation owned/managed sites where applicable.	July 2014	Not Started	 
PR11	<u>Parks and Recreation</u>	Install bike racks at all applicable Parks and Recreation owned/managed facilities.	July 2015	Launched	 
PD7	<u>Planning and Development</u>	Prepare criteria for Board of Supervisors consideration for adoption that outlines recommended land use ratios, mass transit guidelines, and other land use efficiency principles for various types and sizes of developments.	July 2012	Launched	 


















*"The future belongs to those who understand that doing more with less is compassionate, prosperous and enduring and thus more intelligent, even competitive."*

- Paul Hawken

# TRANSPORTATION Measures














Tag	Department	Measure Detail	Due	Status	Impact Icons
PD8	<u>Planning and Development</u>	Prepare criteria for Board of Supervisors consideration for adoption that addresses design of parking lots and other hardscape areas.	July 2011	Launched	 
PD13	<u>Planning and Development</u>	Reduce fleet fuel consumption by 20% based on FY 2007-2008 baseline use.	July 2013	Launched	 
PD14	<u>Planning and Development</u>	Implement a system whereby 85% of all applications for change in entitlement will be submitted electronically.	July 2013	Launched	   
PH1	<u>Public Health</u>	Implement a program that increases and expands the use of web and video-conferencing capabilities.	July 2011	Launched	 
PH2	<u>Public Health</u>	Implement a program whereby the Department acquires additional connectivity tools and trains staff on effective use to reduce travel from returning to workstations between appointments.	July 2011	Launched	 
PH7	<u>Public Health</u>	Share workspace and utilize telecommuting.	July 2010	On-Going	 

# TRANSPORTATION Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
PH9	<u>Public Health</u>	Develop an internal educational protocol to promote employee awareness on green issues.	July 2011	Launched	  
SD1	<u>Stadium District</u>	Implement a program which encourages staff members to utilize alternative transportation as a means to travel to work generating a minimum of 50% participation.	July 2011	Launched	 
SD2	<u>Stadium District</u>	Implement a program for employees to use alternative or compressed work week schedules generating a minimum of 20% participation.	July 2011	Launched	 
SC1	<u>Superior Court</u>	Develop a comprehensive internal curriculum and employee training on "Going Green" and sustainable living.	July 2011	Launched	   
SC3	<u>Superior Court</u>	Collaborate with multiple court departments, using the Judicial Branch newsletter, as well as other interdepartmental modes of communication to promote the Green Government Program, with regular and ongoing news articles and announcements of pertinent Going Green information.	July 2011	On-Going	   
MDOT 4	<u>Transportation</u>	Reduce fuel consumption by 10% based on FY 2007-2008 baseline use.	July 2012	Launched	 

*"Plans to protect air and water, wilderness and wildlife are in fact plans to protect man."*  
- Stewart Udall

# TRANSPORTATION Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
MDOT 8	<u>Transportation</u>	Continue signal modernization and synchronization project along selected roadway corridors.		On-Going	 
MDOT 9	<u>Transportation</u>	Implement traffic control measures to achieve at least 90% signal integration (130 signals) and begin deployment of Closed Circuit Television cameras on key MCDOT corridors.	July 2012	Not Started	
MDOT 10	<u>Transportation</u>	MCDOT Adopt-A-Highway Program will achieve measurable success in its advocacy for and adding additional miles to its Adopt-a-Highway program.	July 2010	On-Going	 
MDOT 11	<u>Transportation</u>	Adopt-A-Highway Program will continue its mission to identify and recruit private organizations and companies to clean 800 miles of roadway segments on a quarterly basis.	July 2010	On-Going	 
MDOT 12	<u>Transportation</u>	Continue program that evaluates the need for noise abatement techniques—to include distancing alignments from noise receivers, applying rubberized asphaltic concrete, erecting barriers—in each construction project.	July 2010	On-Going	  
MDOT 13	<u>Transportation</u>	Continue to incorporate the use of rubberized asphaltic concrete into 100% of new roadway construction paving projects.	July 2010	On-Going	  





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