

Advancing Regional Sustainability



Maricopa County
greengovernmentprogram



2010-2011

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



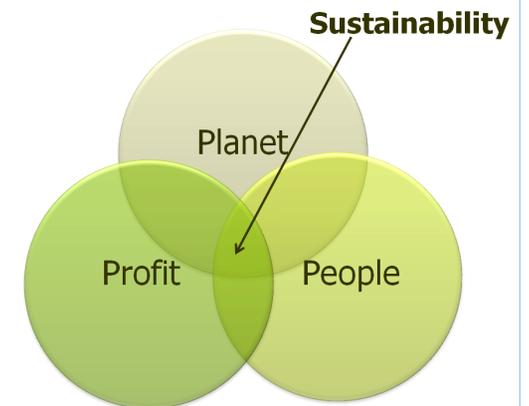
The Board of Supervisors recognizes the impacts that significant growth will continue to have on the region's environment. The Board of Supervisors also recognizes that it can and should be a regional leader in maintaining a healthy and sustainable community.

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



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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

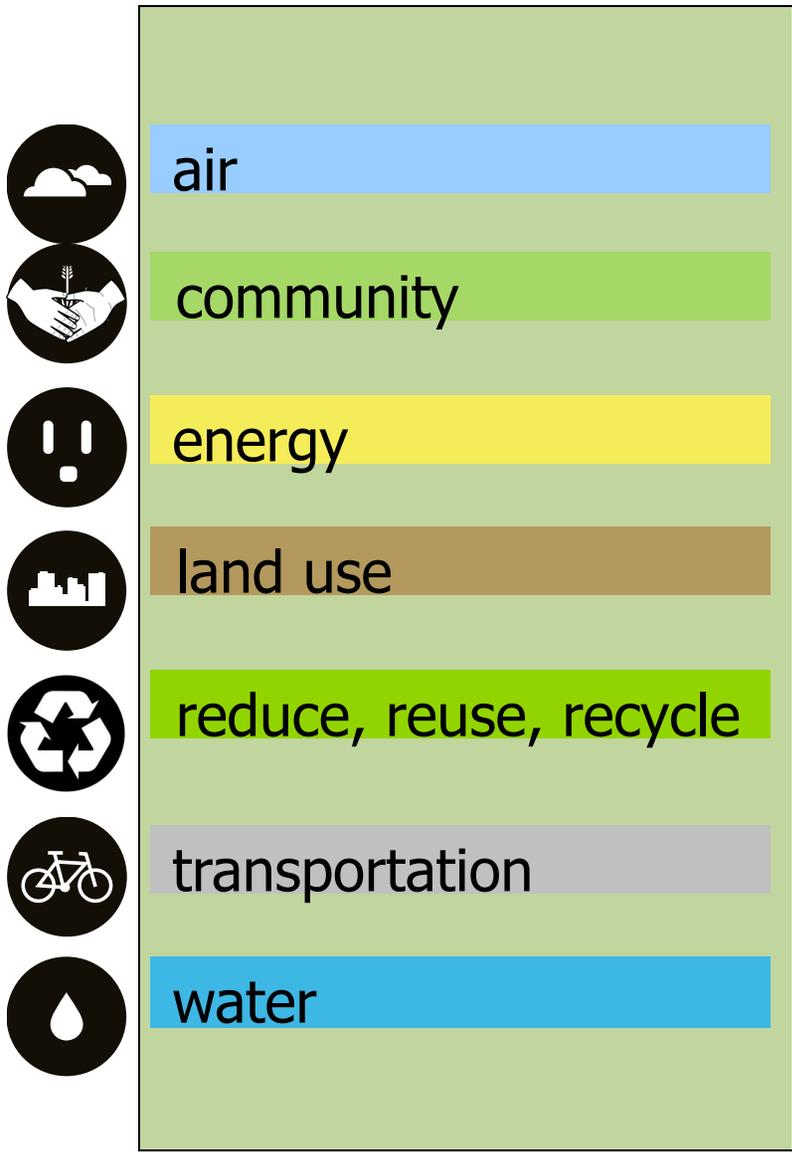
Stadium District

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



Air Quality has a profound impact on the health for all Maricopa County residents with the greatest affects on people with respiratory problems and young children. The Maricopa County Green Government Program has identified detailed measures that are being implemented to help improve not only the outdoor air quality but also the air quality within county facilities where employees work and citizens receive services.



Did You Know?
The Maricopa County Air Quality Department has a comprehensive awareness campaign called CleanAirMakeMore.

WALK MORE USE CFLS MORE CARPOOL MORE BIKE MORE RAKE MORE TELECOMMUTE MORE DRIVE HYBRIDS MORE CONSOLIDATE ERRANDS MORE RIDE PUBLIC TRANSPORTATION MORE USE ENERGY EFFICIENT APPLIANCES MORE CARRY REUSABLE TOTE BAGS MORE CONSIDER SOLAR MORE RUN COLD WATER CYCLES MORE USE REUSABLE CONTAINERS MORE CONSERVE ELECTRICITY MORE REDUCE WOODBURNING MORE RECYCLE MORE USE ELECTRIC LAWN AND GARDEN EQUIPMENT MORE REFUEL AFTER DARK MORE RIDE THE BUS MORE RIDE THE LIGHT RAIL MORE WALK MORE USE CFLS MORE CARPOOL MORE BIKE MORE RAKE MORE TELECOMMUTE MORE DRIVE HYBRIDS MORE CONSOLIDATE ERRANDS MORE

**CLEAN AIR
 MAKE
 MORE**

RIDE PUBLIC TRANSPORTATION MORE USE ENERGY EFFICIENT APPLIANCES MORE CARRY REUSABLE TOTE BAGS MORE CONSIDER SOLAR MORE RUN COLD WATER CYCLES MORE USE REUSABLE CONTAINERS MORE CONSERVE ELECTRICITY MORE REDUCE WOODBURNING MORE RECYCLE MORE USE ELECTRIC LAWN AND GARDEN EQUIPMENT MORE REFUEL AFTER DARK MORE RIDE THE BUS MORE RIDE THE LIGHT RAIL MORE WALK MORE USE CFLS MORE CARPOOL MORE BIKE MORE RAKE MORE TELECOMMUTE MORE DRIVE HYBRIDS MORE CONSOLIDATE ERRANDS MORE RIDE PUBLIC TRANSPORTATION MORE USE ENERGY EFFICIENT APPLIANCES MORE CARRY REUSABLE TOTE BAGS MORE CONSIDER SOLAR MORE

Action Statement
 Improve regional outdoor air quality and improve the air quality indoors within Maricopa County owned and/or managed spaces.



community

The Maricopa County Green Government Program (GGP) has been designed to steer the County towards a more sustainable way to conduct business and strengthen community internally. Additionally, many of the GGP actions and measurements will help improve environmental conditions that affect the residents of Maricopa County as well. The GGP also fosters vital partnerships with the business community that will help strengthen regional sustainability goals. The GGP has identified specific measures that are being implemented to help build community partnerships towards regional sustainability.



Did You Know?

Maricopa County is an active member in the Sustainable Cities Network

Action Statement

Pursue efforts that strengthen internal and external community building.





energy

With more than 13,000 employees and 177 buildings, Maricopa County is leveraging its assets and activities to make great strides in energy reduction. According to the Environmental Information Administration the buildings in the U.S. consume 72% of the electricity generated. Energy efficiency is becoming even more necessary as Maricopa County continues to add residents to its population base using more finite fossil fuel energy. The Maricopa County Green Government Program has identified detailed measures that are being implemented to help reduce energy usage within County buildings.

Did You Know?

That Maricopa County will reduce our annual energy consumption by 5% by 2012 from the 2008 baseline while adding 700,000 square feet of space.



Maricopa County Desert Outdoor Center

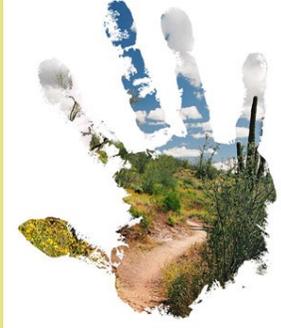
Action Statement

Reduce energy consumption by 7.5% from 2009 baseline and increase clean, renewable energy production by 2 MW by 2015.



land use

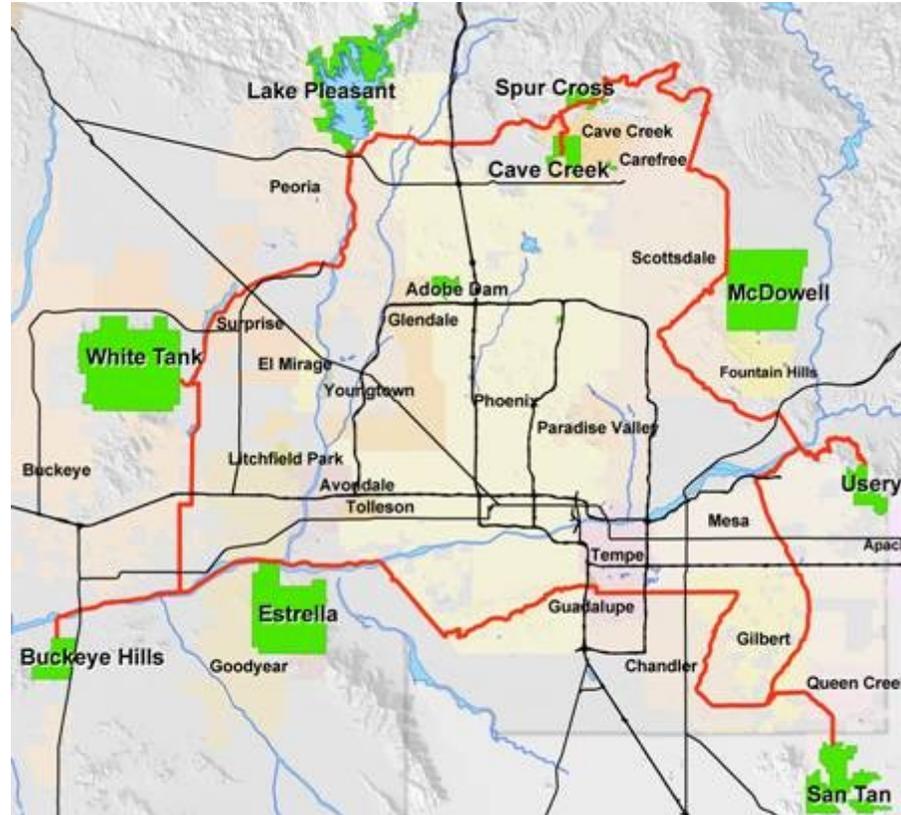
Maricopa County is the fourth most populous county in the nation, and is home to more people than 21 states and the District of Columbia.



Maricopa County is vast covering 9,226 square miles and is not particularly bounded by any major land features that would slow urban sprawl. Maricopa County recognizes these challenges and through specific measures within the GGP, is acting to improve thoughtful land use strategies both internally and externally.

Did You Know?

Once completed the Maricopa County Regional Trail System will be 1,521 miles long.



Action Statement

Implement good land use strategies to decrease sprawl and increase walkable and connected communities.





reduce reuse recycle

Maricopa County employs over 13,000 people who generate a large amount of waste throughout each workday. The environmental mantra of Reduce, Reuse, and Recycle (R3) has been around for decades, and while it is very important to recycle this should be the third option. The most sustainable choice path would be to reduce, then reuse, and then recycle. The Maricopa County Green Government Program has identified specific measurements to improve R3 effectiveness.

Did You Know?

Maricopa County Solid Waste accepts all recyclables at their six locations throughout Maricopa County.



Action Statement

Substantially reduce Maricopa County's waste stream through reduction, reuse, and recycling of all applicable materials.





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.

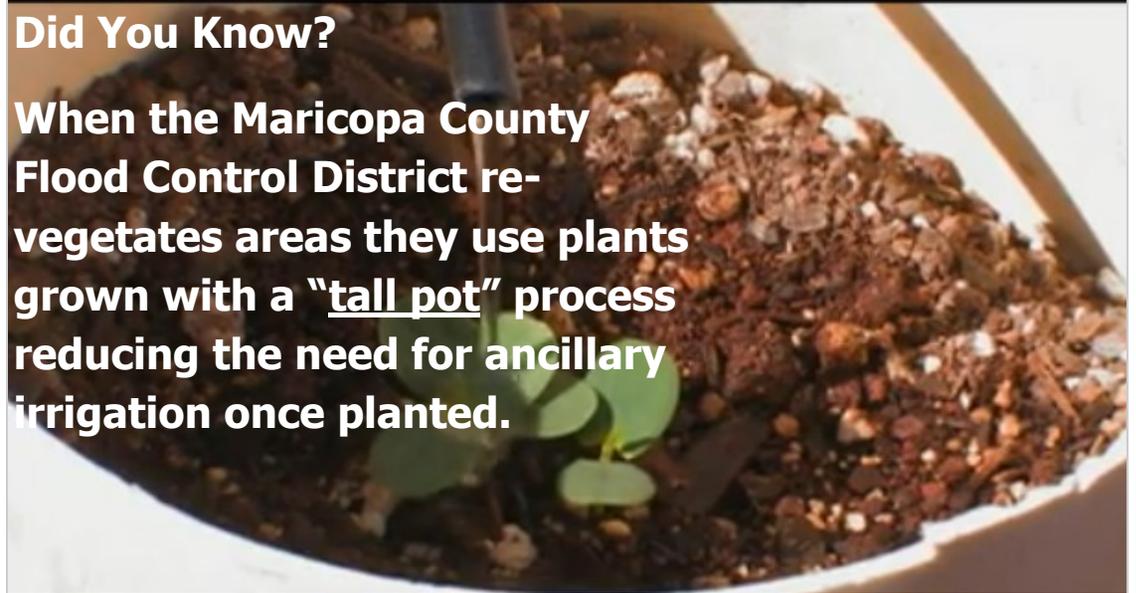


water

Maricopa County is not exempt from the American southwest's importance for responsible water management. According to the United States Green Building Council, buildings use 12% of all potable water with most going to landscaping. With more than 13,000 employees and 177 buildings, Maricopa County is leveraging its assets and activities to make great strides in water usage reduction. The Maricopa County Green Government Program has identified specific measures to reduce potable water consumption.

Did You Know?

When the Maricopa County Flood Control District re-vegetates areas they use plants grown with a "tall pot" process reducing the need for ancillary irrigation once planted.



Action Statement

Reduce water consumption in our operations and educate residents about water conservation.



All Department Measures

Maricopa County departments have worked diligently to develop and adopt the following measures.

Tag	Department	Measure Detail	Due	Status	Impact Icons
AD1	All	All interdepartmental new employee orientations will include educational elements of the Green Government Program.	July 2011	On-Going	
AD2	All	All department buildings located near bus, bike, or light rail corridors will state such in email and meeting correspondence.	July 2011	Launched	  
AD3	All	All departments will utilize the BOS adopted Environmentally Preferred Purchasing Policy for all procurement activity.	July 2011	On-Going	
AD4	All	All departments will minimize waste at internal events and functions by utilizing utensils and décor that can be re-used, recycled, or composted whenever possible.	July 2011	On-Going	 
AD5	All	All departments will work with their IT department to set all communal printers to default duplex (double-sided) where applicable.	July 2011	On-Going	

Adult Probation Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
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	 
AP5	<u>Adult Probation</u>	Replace the print version of the "Chronicle" newsletter with a digital format.	July 2010	Accomplished	
AP6	<u>Adult Probation</u>	Utilize macros and APD on-line in lieu of many printed forms.	July 2010	Accomplished	
AP7	<u>Adult Probation</u>	Initiate a scanning system for the electronic retention of probation files within multiple programs.	July 2011	Launched	

Adult Probation Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
AP8	<u>Adult Probation</u>	Launch a Community Restitution Program that matches probationers to projects including but not limited to: preparing former dumping areas for re-vegetation, restoring the environmental vitality of facilities by removing accumulated wood and other materials that pose a potential hazard to the property, and helping to manage solid waste at landfills.	July 2010	On-Going	
AP9	<u>Adult Probation</u>	Share workspace and utilize telecommuting.	July 2010	On-Going	

Air Quality Dept. 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	 
AQ2	<u>Air Quality Department</u>	Purchase "green" supplies, furniture, equipment and vehicles using the BOS adopted EPP.	July 2010	On-Going	
AQ3	<u>Air Quality Department</u>	Consistently enforce air quality rules and regulations.	July 2010	On-Going	
AQ4	<u>Air Quality Department</u>	Community outreach on "Clean Air-Make More" campaign, provide training on best management practices for industry, hold six "Brown Bags" throughout the year concerning air quality topics, provide Air Quality personnel to present air quality issues to businesses, schools and organizations throughout the county.	July 2011	Launched	 
AQ5	<u>Air Quality Department</u>	Work together with Building Management, MC Facility Engineers and Environmental Services to conduct internal building energy audits.	July 2014	Not Started	 
AQ6	<u>Air Quality Department</u>	Work with local, county and state lands representatives in developing ordinances for ATV and other activities for public lands.	July 2011	Launched	  
AQ7	<u>Air Quality Department</u>	Reduce amount of copy paper used by 10% based on FY 2007-2008 baseline.	July 2010	Accomplished	

Air Quality Dept. Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
AQ8	<u>Air Quality Department</u>	Efficient process to report leaking faucets and running toilets to building management.	July 2011	On-Going	
AQ9	<u>Air Quality Department</u>	Use the Internal Green Exchange/Transfer system to share and re-use various office items with other departments.	July 2011	On-Going	 
AQ10	<u>Air Quality Department</u>	Develop in-house comprehensive recycling program in partnership with Solid Waste and Environmental Services.	July 2010	Accomplished	 
AQ11	<u>Air Quality Department</u>	Utilize Public Works/local municipality personnel to provide three "Brown Bag" sessions concerning water usage at home per FY.	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

Animal Care & Control Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
ACC1	<u>Animal Care and Control</u>	Reduce fleet fuel consumption by 10% from baseline of the 2007-2008 FY	July 2011	Launched	 
ACC2	<u>Animal Care and Control</u>	Phase out individual desktop printers and replace with networked printers/copiers.	July 2011	Launched	 
ACC3	<u>Animal Care and Control</u>	Conduct a pilot program of working a 4/10 work schedule.	July 2011	Launched	 
ACC4	<u>Animal Care and Control</u>	Recycle 100% of all recyclables including but not limited to; cardboard, plastic, aluminum and batteries.	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	 

Environmental Services Dept. Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
ES1	<u>Environmental Services</u>	Purchase "green" supplies, furniture, equipment and vehicles using the BOS adopted EPP.	July 2010	Accomplished	
ES2	<u>Environmental Services</u>	Develop in-house comprehensive recycling program in partnership with Solid Waste and Air Quality Dept.	July 2010	Accomplished	 
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	  
ES5	<u>Environmental Services</u>	Develop an internal educational protocol to promote employee awareness on green issues.	July 2011	Launched	  
ES6	<u>Environmental Services</u>	Provide public guidance on water reuse strategies including gray water.	July 2011	Launched	 

Equipment Services Dept. Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
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 Green Shop 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	 

"The environment is where we all meet; where we all have a mutual interest; it is the one thing that all of us share. It is not only a mirror of ourselves, but a focusing lens on what we can become..."

- Lady Bird Johnson

Facilities Management Dept. Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
FMD1	<u>Facilities Management</u>	Have some employees achieve <u>US Green Building Council LEED Accreditation</u>	July 2011	Launched	   
FMD2	<u>Facilities Management</u>	Ensure that all future landscaping uses only native species plants or near native adapted low-water use plants.	July 2011	On-Going	
FMD3	<u>Facilities Management</u>	Ensure that all new county buildings utilize a renewable energy source, and/or green power when feasible.	July 2010	On-Going	 
FMD4	<u>Facilities Management</u>	Have an established membership and be an active participant in the following organizations: <ul style="list-style-type: none"> • <u>US Green Building Council</u> • <u>Association of Energy Engineers</u> • Distributed Energy Association of Arizona • <u>Illuminating Engineering Society</u> • Municipal Energy Alliance of Greater Phoenix • <u>Sustainable Cities Network</u> 	July 2010	On-Going	   

Facilities Management Dept. Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
FMD5	<u>Facilities Management</u>	<p>Implement the following projects and operations using a Board of Supervisors-approved Energy Program budget:</p> <ul style="list-style-type: none"> • Commission each new building to ensure that Facilities Management operational needs are met, building systems perform efficiently, and building operators are properly trained • Perform energy audits and retro-commission existing buildings • Use the Facilities Automation System to provide comfort to building occupants with minimum usage of energy • Use high efficiency motor replacements • Install variable frequency drive systems for pumps, motors, and chillers • Use fuel-efficient landscape maintenance equipment and ban all two-cycle pieces as technology permits transition • Use high-efficiency evaporative cooling where applicable • Retrofit meters for connectivity through the internet for improved energy management 	July 2012	Launched	
FMD6	<u>Facilities Management</u>	Implement a program to install 25-watt 4 ft. fluorescent lamps to replace existing 32-watt lamps in all county owned-managed buildings	July 2011	Launched	
FMD7	<u>Facilities Management</u>	Complete a vegetated roof feasibility study.	July 2011	Not-Started	
FMD8	<u>Facilities Management</u>	Install sub-meters on 50% of all county owned/managed buildings.	July 2013	Launched	
FMD9	<u>Facilities Management</u>	Install dashboard energy reporting system to link and monitor energy consumption/production for all applicable county owned/managed buildings.	July 2011	Launched	

Facilities Management Dept. Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
FMD 10	<u>Facilities Management</u>	Ensure pedestrian scale amenities in 100% of all future facilities and all remodel projects when logistically feasible.	July 2011	Launched	 
FMD 11	<u>Facilities Management</u>	Work with Materials Management to develop a comprehensive single-stream recycling program for all downtown and Durango campus buildings	July 2011	Launched	 
FMD 12	<u>Facilities Management</u>	Require all contractors and consultants to provide all construction documentation in electronic format.	July 2011	Launched	
FMD 13	<u>Facilities Management</u>	Convert all new records from paper to electronic format contingent upon consent by the Arizona State Library, Archives and Public Records.	July 2012	Launched	
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	 
FMD 16	<u>Facilities Management</u>	Reduce water consumption by 10% based on 2005 baseline levels in county owned/managed facilities.	July 2020	Launched	

Facilities Management Dept. Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
FMD 17	<u>Facilities Management</u>	Install water saving devices/fixtures in all county owned/managed restrooms where applicable including but not limited to: waterless urinals, low-flow fixtures, dual flush toilets, automatic faucets.	July 2012	Launched	
FMD 18	<u>Facilities Management</u>	Research and report on the viability of using non-potable water for landscape irrigation, toilet/urinal flushing, custodial purposes, and building systems for county owned/managed buildings.	July 2011	Launched	
FMD 19	<u>Facilities Management</u>	Research and report on the reconfiguration for all air conditioning drainage lines in all county owned/managed buildings to reuse condensate water from evaporator coils for other uses including but not limited to: landscape irrigation, lavatory flushing, and cooling towers.	July 2013	Not Started	

"I go to nature every day for inspiration in the day's work. I follow in building the principles which nature has used in its domain."

-Frank Lloyd Wright



Flood Control District Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
FCD1	<u>Flood Control District</u>	Research siting possibilities for solar installations on Flood Control District parcels.	July 2011	Launched	 
FCD2	<u>Flood Control District</u>	Track the open space acreage preserved or created by delineating floodways, earthen channels, and basins.	July 2011	Launched	
FCD3	<u>Flood Control District</u>	Incorporate tree and vegetation planting into at least 50% of Flood Control District projects in the five year CIP where hydraulically feasible.	July 2010	On-Going	 
FCD4	<u>Flood Control District</u>	Enter into Intergovernmental Agreements with municipalities to incorporate multi-use features in all flood control projects where feasible.	July 2010	On-Going	 

Human Services Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
HS1	<u>Human Services</u>	Integrate green-collar job training into the Workforce Development curriculum.	July 2012	Launched	
HS2	<u>Human Services</u>	Integrate green building techniques into Community Development construction projects.	July 2012	Launched	

"When one tugs at a single thing in nature, he finds it attached to the rest of the world."
 -John Muir

Library District Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
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	   
LD3	<u>Library District</u>	Develop a "Green Section" in each library that has books/publications on things related to sustainability and green living.	July 2014	Not Started	
LD4	<u>Library District</u>	Reduce energy consumption by 5% based on 2005 baseline levels in all Library District owned/managed buildings.	July 2014	Launched	

Every day is Earth Day. -Author Unknown

Library District Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
LD5	<u>Library District</u>	Reduce the paper consumption by 10% in all library owned/managed buildings based on baseline to be calculated in 2010.	July 2012	Launched	
LD6	<u>Library District</u>	Recycle and/or reuse 100% of all withdrawn/discarded library materials.	July 2012	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	 

Medical Examiner's Office Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
MEO1	<u>Medical Examiner's Office</u>	Require all morgue cleaning supplies possible to be updated to comparable quality "green" cleaning supplies and products where available.	July 2011	Not Started	
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	 
MEO3	<u>Medical Examiner's Office</u>	Reduce paper consumption by 15% from 2008 baseline.	July 2011	Launched	
MEO4	<u>Medical Examiner's Office</u>	Recycle 100% of all expired batteries.	July 2011	Launched	
MEO5	<u>Medical Examiner's Office</u>	Create one innovative concept per year to encourage employee recycling.	July 2010	On-Going	

Medical Examiner's Office Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
MEO6	<u>Medical Examiner's Office</u>	Utilize electronic documents instead of hard copies for a minimum of 50% of all remaining procedures that are not currently electronic.	July 2011	Launched	
MEO7	<u>Medical Examiner's Office</u>	Require Investigations to use refillable, reusable water containers filled by 5 gallon containers supplied by the Medical Examiner's Office to replace one time use water bottles.	July 2011	Not Started	
MEO8	<u>Medical Examiner's Office</u>	Supplement/replace single use petroleum based plastic water bottles with plant based compostable water bottles when supplied by Medical Examiner's Office.	July 2011	Not Started	

"Treat the Earth well. It was not given to you by your parents. It was loaned to you by your children"
 - Kenyan Proverb

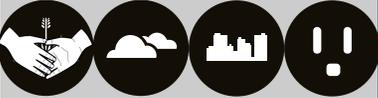
Parks and Recreation Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
PR1	<u>Parks and Recreation</u>	Add at least 5,000 acres to the Maricopa County regional park system.	July 2015	Launched	 
PR2	<u>Parks and Recreation</u>	Protect 25% of the identified buffers in the parks and recreation master plan from development encroachment.	July 2011	Launched	 
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	   

Parks and Recreation Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
PR5	<u>Parks and Recreation</u>	Implement a program to recycle scrap metal and other items from all maintenance and construction projects.	July 2011	Not Started	
PR6	<u>Parks and Recreation</u>	Implement a program to recycle glass, plastic, paper, cardboard, and aluminum at all Nature Centers.	July 2011	Launched	
PR7	<u>Parks and Recreation</u>	Implement a program to utilize electronic submission for all financial and other reporting requirements, contingent upon consent by the Arizona State Library, Archives and Public Records.	July 2012	Not Started	
PR8	<u>Parks and Recreation</u>	Implement a plan to convert all paper records to electronic format, contingent upon consent by the Arizona State Library, Archives and Public Records.	July 2013	Not Started	
PR9	<u>Parks and Recreation</u>	Implement a program whereby all contractors and consultants will provide all construction project documentation in electronic format.	July 2011	Not Started	
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	 

Planning and Development Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
PD1	<u>Planning and Development</u>	Implement an optional residential Green Building program.	July 2013	Launched	
PD2	<u>Planning and Development</u>	Prepare an outreach program that advocates for community volunteer efforts for neighborhood cleanup, tree planting, and other efforts.	July 2013	Not Started	
PD3	<u>Planning and Development</u>	Prepare criteria for Board of Supervisors consideration and adoption that addresses open space in new development, open space connections, and trails.	July 2011	Launched	
PD4	<u>Planning and Development</u>	Re-evaluate the Maricopa County Noise Ordinance to identify recommended changes that strengthen noise reduction provisions.	July 2013	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

Planning and Development Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
PD5	<u>Planning and Development</u>	Coordinate with the Greater Phoenix Economic Council to identify policies and strategies for Board of Supervisors consideration and adoption that Maricopa County can implement to help attract and retain environmentally-friendly businesses and industries to Maricopa County.	July 2013	Not Started	
PD6	<u>Planning and Development</u>	Prepare criteria for Board of Supervisors consideration and adoption that addresses building materials, building surfaces, building design, solar technology, shading, etc.	July 2013	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	 
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	 
PD9	<u>Planning and Development</u>	Prepare criteria for Board of Supervisors consideration for adoption that addresses common space landscaping, water conserving irrigation methods, paving/hardscape limitations, lot coverage, etc.	July 2011	Launched	 
PD10	<u>Planning and Development</u>	Prepare a system for Board of Supervisors consideration to identify Brownfield locations in unincorporated Maricopa County, a system of shared information with other county departments on Brownfield redevelopment, and Brownfield redevelopment incentives for Board of Supervisors consideration.	July 2013	Not Started	

Planning and Development Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
PD11	<u>Planning and Development</u>	Coordinate with the Greater Phoenix Economic Council to establish a system to identify high-value county islands and potential incentives for infill development in such islands for Board of Supervisors consideration and adoption.	July 2013	Not Started	
PD12	<u>Planning and Development</u>	Reduce paper consumption by 15% based on FY 2007-2008 baseline use.	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	   
PD15	<u>Planning and Development</u>	Prepare criteria for Board of Supervisors consideration for adoption that addresses methods for water conservation in building design and building fixtures.	July 2013	Not Started	

"I'd put my money on the sun and solar energy. What a source of power! I hope we don't have to wait 'til oil and coal run out before we tackle that."
 - Thomas Edison

Public Health Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
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	 
PH3	<u>Public Health</u>	Continue internal Public Health Green Council	July 2010	On-Going	
PH5	<u>Public Health</u>	Reduce paper consumption by 10% based on FY 2007-2008 baseline use.	July 2012	Launched	
PH6	<u>Public Health</u>	Conduct rapid Health Impact Assessments that provide real value to the Maricopa County Planning and Development Department and policy makers.	July 2013	Not Started	 

Public Health Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
PH7	<u>Public Health</u>	Share workspace and utilize telecommuting.	July 2010	On-Going	
PH8	<u>Public Health</u>	Use the Internal Green Exchange/Transfer system to share and re-use various office items with other departments.	July 2011	On-Going	
PH9	<u>Public Health</u>	Develop an internal educational protocol to promote employee awareness on green issues.	July 2011	Launched	

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

Public Works Professional Services Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
PW1	Public Works Professional Support Services	Reduce paper consumption by 15% based on FY 2007-2008 baseline use.	July 2011	Launched	

"The future is literally in our hands to mold as we like. But we cannot wait until tomorrow. Tomorrow is now."
 -Eleanor Roosevelt

Solid Waste Department Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
SW1	<u>Solid Waste</u>	Develop services and education to residents in order to reduce waste sent to Maricopa County landfills by 50% per year using FY 2007-2008 baseline use.	July 2012	Launched	 
SW2	<u>Solid Waste</u>	Complete research on practical usages and potential implementation time frames for Maricopa County's closed landfills.	July 2011	Launched	 
SW3	<u>Solid Waste</u>	Implement a comprehensive strategy to help reduce illegal dumping in Maricopa County.	July 2010	On-Going	 
SW4	<u>Solid Waste</u>	Offer comprehensive public recycling services at all Maricopa County waste transfer stations.	July 2010	Accomplished	 

Stadium District Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
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	 
SD3	<u>Stadium District</u>	Work in partnership with the Arizona Diamondbacks to implement community awareness programs and campaigns focusing on sustainability, energy conservation, recycling, and other "green" initiatives at Chase Field.	July 2011	Launched	  
SD4	<u>Stadium District</u>	Develop partnership with Facility Manager at Chase Field to provide paper, plastic, and aluminum recycling bins to all Stadium District employees and provide daily collection.	July 2011	Launched	 
SD5	<u>Stadium District</u>	Adopt the Maricopa County Environmentally Preferred Purchasing Policy (A1514) to use when procuring office supplies, building materials, and construction materials.	July 2011	On-Going	 

Superior Court Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
SC1	<u>Superior Court</u>	Develop a comprehensive internal curriculum and employee training on "Going Green" and sustainable living.	July 2011	Launched	   
SC2	<u>Superior Court</u>	Develop an internal Employee Recognition Award Ceremony for Best Green Idea/Initiative submitted and implemented for the least cost and/or incurring the most savings.	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	   
SC4	<u>Superior Court</u>	Build a robust campaign that collaborates with the community in its green initiative efforts.	July 2012	Launched	
SC5	<u>Superior Court</u>	Court Technology Services (CTS) will implement mandatory shutdown of computers at the end of the business day.	July 2011	On-Going	

Transportation Department Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
MDOT 1	<u>Transportation</u>	Commit a minimum of \$3 million toward paving a number of low volume dirt roads and shoulders to reduce dust emissions.	July 2010	On-Going	
MDOT 2	<u>Transportation</u>	Apply dust palliative to at least 65 lane miles of roadway shoulders per year, when economically feasible.	July 2010	On-Going	
MDOT 3	<u>Transportation</u>	Stabilize exposed soil surfaces generated during its construction projects. Disturbed soils will receive a native plant mix via hydro-seeding or be given desert xeriscape.	July 2010	On-Going	 
MDOT 4	<u>Transportation</u>	Reduce fuel consumption by 10% based on FY 2007-2008 baseline use.	July 2012	Launched	 
MDOT 5	<u>Transportation</u>	Continue to deploy resources, equipment, and personnel to apply water to all dirt road and shoulder surface improvement construction to stem dust emissions and comply with the county's PM-10 dust emission standard.	July 2010	On-Going	
MDOT 6	<u>Transportation</u>	Operations Division will ensure appropriate employees will receive training by Maricopa County Department of Air Quality regarding dust reductions to promote better dust control at MCDOT construction sites and for all maintenance activities.	July 2010	On-Going	 
MDOT 7	<u>Transportation</u>	Landscape 100% of new medians, when deemed economically feasible, with native tree plantings and low-maintenance and low-water using native ground cover.	July 2010	On-Going	 

Transportation Department Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
MDOT 8	<u>Transportation</u>	Continue signal modernization and synchronization project along selected roadway corridors.	July 2010	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	  
MDOT 14	<u>Transportation</u>	Prepare a feasibility study regarding the use of warm mix and high RAP pavements on new paving projects to supplement storm water management programs and help filter rain water before it percolates into the ground.	July 2015	Not Started	



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