Chestertown Goes Green Reduce Reuse Renew Recycle Recycle Recycle

U.S. Mayors Climate Protection Agreement

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the u.s. conference of mayors climate protection agreement list of participating mayors map of participating mayors sign on to the agreement

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U.S. Conference of Mayors Climate Protection Agreement

List of Mayors | Map of Mayors | Sign on

Scientific evidence and consensus continues to strengthen the idea that climate disruption is an urgent threat to the environmental and economic health of our communities. Many cities, in this country and abroad, already have strong local policies and programs in place to reduce global warming pollution, but more action is needed at the local, state, and federal levels to meet the challenge. On February 16, 2005 the Kyoto Protocol, the international agreement to address climate disruption, became law for the 141 countries that have ratified it to date. On that day, Seattle Mayor Greg Nickels launched this initiative to advance the goals of the Kyoto Protocol through leadership and action by at least 141 American cities.

By the 2005 U.S. Conference of Mayors Annual Meeting in June, 141 mayors had signed the Agreement – the same number of nations that ratified the Kyoto Protocol. In May of 2007, Tulsa Mayor Kathy Taylor became the 500th mayor to sign on.

Under the Agreement, participating cities commit to take following three actions:

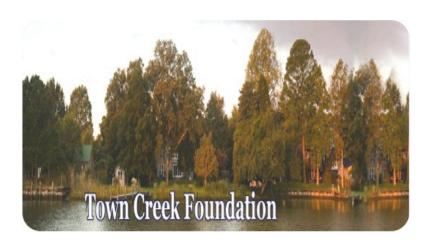
- Strive to meet or best the Xyoto Protocol targets in their own communities, through actions ranging from anti-sprawl land-use policies to urban forest restoration projects to public information campaigns;
- Urge their state governments, and the federal government, to enact policies and programs to meet or beat the
 greenhouse gas emission reduction target suggested for the United States in the Kyoto Protocol -- 7% reduction
 from 1990 levels by 2012; and
- Urge the U.S. Congress to pass the bipartisan greenhouse gas reduction legislation, which would establish a national emission trading system
- + Read the Press Release
- + Download The U.S. Conference of Mayors Climate Protection Agreement
- Download a U.S. Conference of Mayors Climate Protection Agreement Participation Form.
- + Click to view the map of signatories



WASHINGTON COLLEGE







The Center for Environment & Society at Washington College

- The Center for Environment & Society at Washington College was created in 1999 to promote interdisciplinary learning, research and exemplary stewardship of natural and cultural resources.
- Its primary objective is to support the integration of ecological and social values.
- The Center serves as a bridge between Washington College and the rich natural and human resources of the region.
- Through a variety of programs, the Center reaches out to communities, providing expertise to solve local issues. The emphasis, however, is on engaging communities, giving them the tools and information they need to resolve issues on their own.



Find ways to renew your property, which in turn will help renew the environment on the Eastern Shore. For a list of trees and bushes that are native to the Eastern Shore, go to www.chestertowngoesgreen.washcoll.edu/renew.php.

REDUCE

By consuming less, we throw away less, and save money at the same time! Got too much stuff? Don't waste your hard-earned money on stuff you don't need. See www.storyofstuff. com to learn more. Reduce the amount of electricity and water you use every day and save even more money. Take shorter showers, install low-flow showerheads, and use cold water for laundry.

REUSE

Think of new ways to reuse every day household items, rather than just throwing them in the trash. Only buy products that come in recyclable packaging. Use cloth napkins and towels rather that paper towels; use refillable pens and pencils; use rechargeable batteries. Donate reusable items to a thrift store (for example: the Women In Need store, or Hidden Treasures, in Chestertown); get together with your neighbors and have a yard sale (make some cash!); advertise your stuff on ebay, freecycle.org or craigslist.

Chestertown Climate Action Committee Town Hall Chestertown, Maryland 21620 www.chestertowngoesgreen.washcoll.edu



So, everyone, use the green bins!

Attention Chestertown residents!

You can effectively reduce your household's waste stream by recycling. Kent County Recycling Program offers FREE curbside recycling in Chestertown and all municipalities and rural areas in the county; visit the website (www.kent county.com/gov/pubworks/waste.htm), or call 410.778.7448 for information on how easy it is to begin recycling.

Why Recycle?

First, it's good for our economy. Why? The Town of Chestertown spends on average \$6,000 a month on dumping fees for waste going into a landfill. We should be able to cut that amount at least by half and save tax money for other worthwhile municipal programs!

Also, it's good for the environment; saves energy & resources; saves landfill space; helps prevent global warming; reduces water pollution; protects wildlife; bag or bundled with string. Keep sepaand creates jobs. Kent County's recycling program continues to exceed the state-mandated 15% recycling rate with a rate of 41% in 2007. Chestertown needs all of its residents to be involved in bins. the recycling program.

Where can I get recycling bins?

at 709 Morgnec Road (410.778.7448), or catalogs, phone books, office paper, at Town Hall (410,778,0500).

Can I use more than one bin, and sort items?

Yes, but please do not use trash bags or large trash cans which can get too heavy for the recycling crew. Use the recycling bins or plastic containers that are the same size as the green bins.

Do materials for recycling need to be washed clean?

Not the way you would wash dishes. A quick rinse is sufficient for most materials. For stubborn containers like peanut butter and oil, a soak in the sink overnight will do the trick.

What to Recycle?

The following items CAN be recycled in the Kent County green bins:

- Corrugated cardboard
- Newspaper
- All mixed paper
- Shredded paper
- · Aluminum & tin cans
- · Glass bottles & jars (clear, brown, blue & green glass)
- · Plastic bottles & jugs



What needs to be separated?

Only newspaper should be separated from other paper and placed in a paper rate from mixed paper and paperboard. DO NOT PLACE IN PLASTIC BAGS. Plastic bottles, tin and aluminum cans, and glass can be placed together in the

What types of paper can be recycled?

At the Kent County Public Works Office White paper, colored paper, magazines, shredded paper, newspaper, junk mail, envelopes with windows, books, paperboard such as cereal boxes, shoe boxes, toilet paper and paper towel rolls, snack/ food boxes and soda/beer cartons. Place in a paper bag or bundled with string. NO paper towels, napkins, contaminated

What if rain is in the forecast?

Try to cover your bin with a tarp or plastic trash bag if rain is in the forecast, but DO NOT put in plastic bags.

Where does paper recycling go?

Mixed paper goes to Creafill Fibers Corp. in Worton, creating 25 jobs in Kent County. Newspaper goes to Dixon Valve Coupling in Chestertown, and is used for packing and shipping.

What kinds of cardboard can be recycled?

All corrugated cardboard that is dry and flattened. Contaminated cardboard, such as pizza boxes, and milk cartons or other wax-coated cardboards, and egg cartons, are NOT accepted. Peanuts, styrofoam or other types of packing materials are

NOT accepted and must be removed from the cardboard.

What types of plastic can be recycled?

All clean plastic bottles and jugs with a #1 or #2 on the bottom; this includes soda bottles, laundry detergent bottles, most plastic jars. DO NOT include caps. Plastic bags, #4, can be recycled at Acme and Superfresh.

What kinds of plastic can NOT be recycled in Kent County?

Yogurt and cream cheese containers, styrofoam and other plastic take out containers, plastic cups, forks and other dinnerware. Also, don't recycle solvent, oil, and chemical containers, such as for motor oil. Plastic lids cannot be recycled. These types of plastics can not be accepted because local markets do not vet exist for them.

What kinds of glass can be recycled? Clear, brown, blue and green bottles and

jars; remove the paper label and lid. What kinds of glass can NOT be

recycled in Kent County? Drinking glasses, pyrex or other bake-

ware, dishes, light bulbs, windows, mirrors, or other household glass. Broken glass should NOT be put in the bins.

What metals can be recycled?

Aluminum and tin cans, preferably with the paper removed. CLEAN aluminum foil can also be recycled. Don't recycle anything that held paint, solvent, or paint thinner. NO cookware, flatware, pots or pans.

What other types of items can be recycled? What about computers?

Kent County now accepts computers and peripherals, (monitor, keyboard, mouse, speakers, etc.) at the Nicholson Drop-off Center on Earl Nicholson Rd., Monday - Saturday. Scrap metal, tires, used oil & antifreeze, boat shrink wrap, clothes & textiles are also accepted. Other electronics can be recycled at the regional Household Hazardous Waste/ eCycle events each spring and fall.

What about other items that may be hard to dispose of in the trash?

Certain items like fuels, oil-based paints and lawn and garden pesticides are accepted at the regional Household Hazardous Waste Events held each spring and fall. See www.midshorerecycling.org for details.

Please make Chestertown a green town!

Some tips to help you save money and make green choices:

- ✓ Put recycling items in the green bins and place them by the curb on scheduled collection days. The Kent County recycling program picks up aluminum, metal cans, plastic bottles and packaging, glass bottles, mixed paper, newsprint, cardboard and paperboard. Go to www.kent county.com/ gov/pubworks/waste.htm for details.
- ✓ Replace old light bulbs with compact fluorescent ones.
- ✓ Turn off lights, and unplug tv's and computers when not in use; install timers or motion sensors for porch and driveway lights.

✓ Make fewer trips in your car; slow down; get a tune-up; and have the tire pressure checked.

✓ Walk more!

✓ Plant more trees and bushes around your property.

✓ Use cold water for washing clothes.

✓ Lower the thermostat by three degrees in winter, and raise it in summer.

✓ Adjust the hot-water heater to no more than 120 degrees.

✓ Take shorter showers; install lowflow shower heads.

- ✓ Take a cloth or mesh bag when you shop; avoid using the plastic bags that stores provide.
- ✓ Share these ideas with your friends and neighbors.

Sponsored by Chestertown's Climate Action Committee; see www.chestertown.com/green/ ccap.php. Printed on 30% post-consumer waste recycled paper.







or though we may be the Earth's gardeners, we are also its weeds.

And we won't get anywhere until we come to terms with this crucial ambiguity about our role—that

we are at once the problem and the only possible solution to the problem.

~ Michael Pollan

GREEN AWARI

2009 Chestertown was named the greenest medium-sized wom in Maryland by the Maryland Municipal League.

Town Hall 118 N. Cross Street Chestertown, MD 21620



Offered by

THE TOWN

**CHESTERTOWN

www.chestertowngoesgreen.washcoll.edu

CHESTERTOWN TOWN HALL 7.00 - 8.00 PM

The Town of Chestertown is hosting information sessions on home and garden practices that are environmentally friendly.

HOME ENERGY AUDIT

February 16

Ed Minch, owner of Energy Services Group

A home energy audit is the first step to assess how much energy your home consumes and to evaluate what measures you can take to make your home more energy efficient. During the audit, you can pinpoint where your house is losing energy and you will be advised on how to make these corrections and save money.

PREPARING YOUR GARDEN FOR SPRING THE HEALTHY WAY

March 16

Liz Starkey, from Kingstown Garden Center

Learn the skinny on rain barrels and compost bins. Benefit the Chesapeake Watershed by designing, preparing and feeding your garden with conservation based practices.

AFFORDABLE SOLAR ENERGY FOR THE HOME

April 13

Roy Mears and son, Dusty, local builders and renovators of historic homes

Learn about small and large home modifications for better energy efficiency as well as practices that can be adopted by residents for greater energy conservation.

RAIN GARDENS & NATIVE PLANTS

May 18

Pam Harris, of Chesapeake Conservation Nurseries

Pam will explain how rain gardens are a beautiful and colorful way for homeowners, businesses and municipalities to help ease storm water problems. Chesapeake Conservation Nurseries sells native plants and trees for habitat restoration projects.

LEARN HOW TO "GREEN" YOUR HOME SPACES

June 9

Bob Patterson

Bob will show us how to provide cost effective, scientifically sound, state of the art solutions for the problems associated with sub-floor spaces and attic spaces.

CHESTERTOWN'S GREEN INITIATIVE MEMBERS



Margo Bailey

Rob Busler

Briggs Cunningham

Colin Dickson

Andy Goddard

Jon Handley

Diane Kalter

Dave Keating

Kent Kerbel

Roy Mears

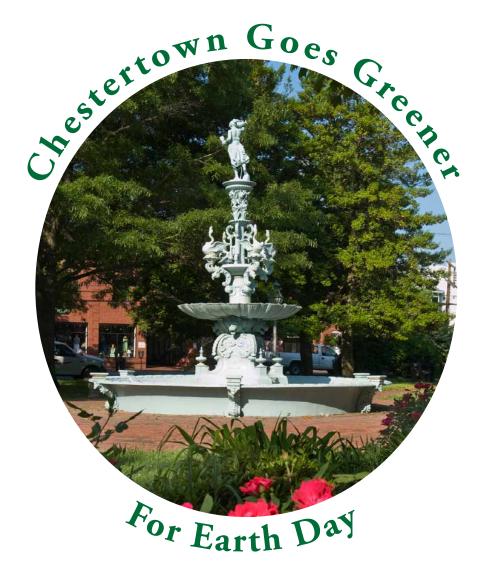
Ed Minch

Kees deMooy

Bob Patterson

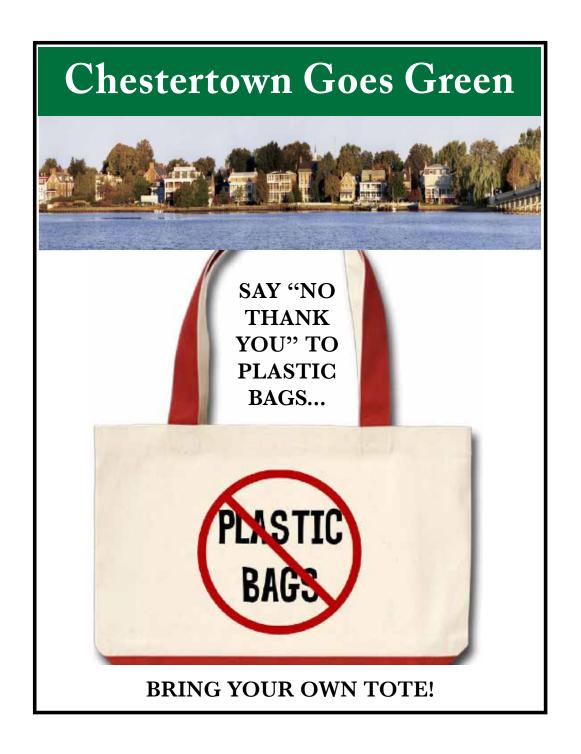
Jane Richman





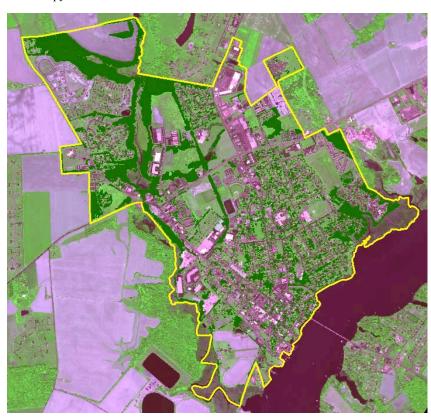
April 25th, 2009, 8 a.m. - 4 p.m. Mutt Strut and Earth Day events at Fountain Park and Couthouse Lawn. Farmers market, music, family activities, food vendors, local merchants, and eco-vendors, including free paper shredding service, and fluorescent bulbs and tubes recycling.





Geographic Information Systems Lab at Washington College

Figure 1. Satellite image of Chestertown showing the Town boundary and existing tree canopy







Urban & Community Forest Master Plan Town of Chestertown, MD









Chestertown Goes Green

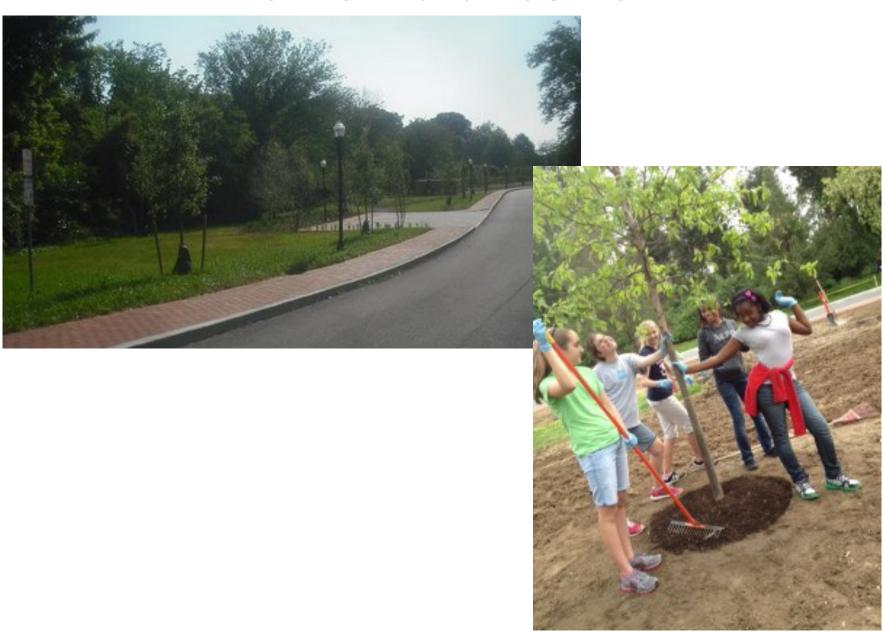


GOT TREES?

Well, don't worry; we have them for you. Buy one tree, and we'll give you another...FREE! Here's all you have to do: take this coupon to Speakman Nurseries or Kingstown Farm, Home & Garden, pay for one tree no smaller than one inch in diameter, and they will give you a second tree of similar size and species absolutely free. How cool is that!

Street Address where tro (must be within town bo		X		
Phone:	Email (opt	Email (optional):		
Tree Species:		Size (caliper/height):		
Signature of Purchaser:	12	Date:		
		andaries of Chestertown. • Coupon will be honored		
Terms and Conditions: • Purchase while supplies last. • Coupon has a the free tree is \$75. • Coupon reiml information must be completed in purchaser noted above. • Limit two ers Plant Trees Recommended Trees proper tree planting standards is also agrees to have trees plotted on	r must reside within town bor to cash value and can only be bursement is for retail sales o full and signed; email addres o coupons per purchaser. • Pur se List found at www.dnr.mar and care. • Purchaser will con n a GIS map using GPS techno			

Remembrance Park





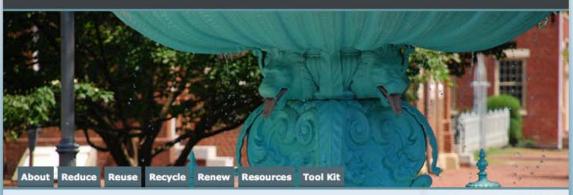












■ Tool Kit

Community Greening Tool Kit

Produced by Briggs Cunningham, Climate Action Coordinator

Center for Environment & Society, Washington College 2011

What Is It?

The Community Greening Tool Kit is a "box" of resources designed to assist municipal

governments and other organizations in setting up their own community greening programs. The items included are presented in pdf format, for viewing only. If you would like to have a particular item in its native format, so you do not have to "reinvent the wheel," as it were, please contact Briggs Cunningham at bcunningham3@washcoll.edu, or 410.810.7174.

Frequently Asked Questions

Why are you doing this?

Small communities like Chestertown can make a significant impact on their environments by engaging in a number of relatively easy projects outlined in the "green plan." Not only is Chestertown protecting its natural heritage, which incentivizes more tourism, but it is also avoiding costs for its basic government operations. Also, it's the right thing to do.

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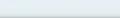
CATEGORIES

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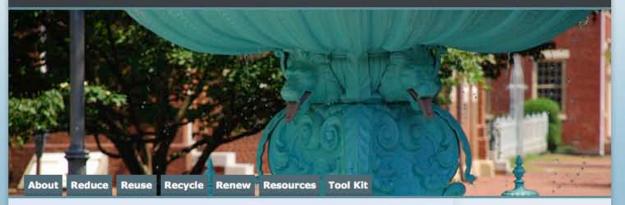
LINKS

- Center for Environment & Society
- Chestertown Homepage
- Rain Garden Network

COMMUNITY GREENING TOOLKIT



Chestertown Goes Green



Chestertown Town Hall Gets Solar Power!

Posted by: bcunningham3 | June 22, 2012

The Town received an EECBG grant of up to \$28,000 for energy efficiency improvements at Town Hall, which were recommended by the Maryland Energy Administration and based on an audit that they performed in 2010. The grant paid for a new condensing boiler with 96% efficiency that replaced a unit with 84% efficiency; for the retrofit of 97 T-12 fluorescent light fixtures with T-8 bulbs and ballasts that will save 43% in energy; and for a 3.36 kW solar PV system (see pic below) that will help offset the building's consumption of traditional "brown" power. The solar PV system will save the Town approximately \$700 per year in electricity, while also generating SREC income of approximately \$500 per year.



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COMMUNITY GREENING TOOLKIT

Chestertown Electricty Usage 2007 - 2011

Electricity	kWh	\$	eCO ₂ (tons)
2007	2,160,898	\$299,941	1,461
2008	2,576,931	\$386,184	1,742
2009	2,363,051	\$314,559	1,597
2010	2,303,996	\$281,075	1,558
2011	2 205 722	\$253,782	1 5/15
2011	2,285,733	\$255,762	1,545
	-291,198	-\$132,402	-197
	-11.3%	-34%	-11.3%

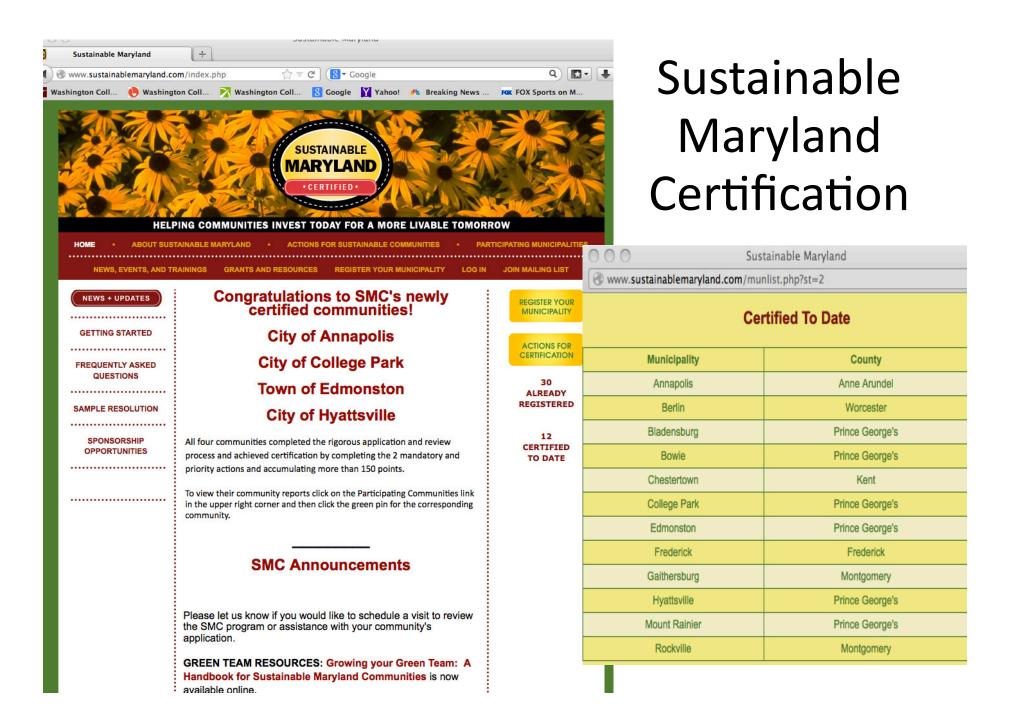
- 2007 2012, no tax increases for town residents
- 2012, avg. 4% pay increase for town employees

The 2009 Maryland Municipal League Award for Excellence Green Town (Pop. 3,000 to 10,000)



The 2010 Chesapeake Bay Trust Melanie Teems Award for Engaging Citizens in Environmental Stewardship





Partnership with Kent County Government & Public Schools





Ground Mount Solar Power at Kent County High School

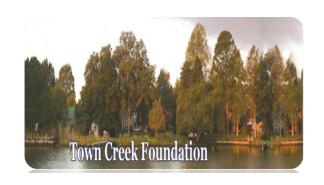


Ground Mount Solar Power at Kennedyville Waste Water Treatment Plant



Four Ground Mount Solar Power Systems in Kent County (3 at Waste Water Treatment Plants) Produce Roughly 80% of the County's Municipal Electricity Needs at a Lower Cost Than From the Utility, and Cut eCO₂ Emissions by 50%.

THE SHOREPOWER PROJECT

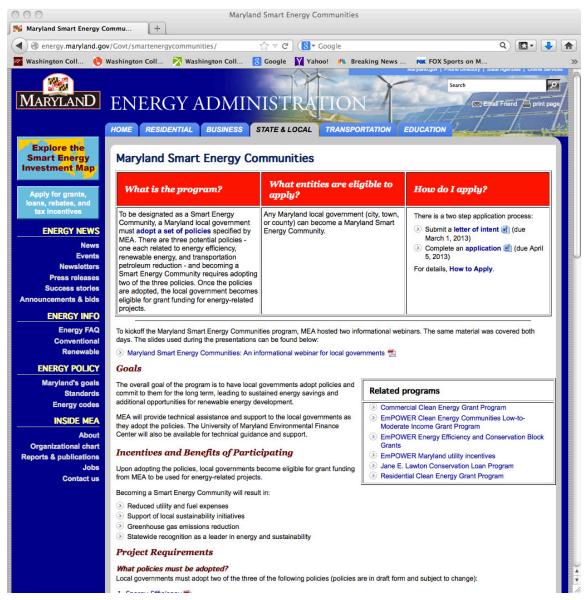






- Collaboration Between the Town Creek Foundation and the Center for Environment & Society at Washington College.
- Assist the County Seat Municipalities on Maryland's Eastern Shore in Reducing Energy Consumption, Reducing Expenses, and Reducing Greenhouse Gas Emissions.

Maryland Energy Administration's Smart Energy Communities Program



Maryland Greenhouse Gas Reduction Plan

