

Sustainable Maryland

Achieving Local Sustainability Goals with Climate & Food Initiatives

Tuesday, March 19th, 2024

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ENVIRONMENTAL
FINANCE CENTER



Environmental Finance Center

- Based out of the University of Maryland
- Jurisdiction: EPA Region 3
 - Delaware
 - District of Columbia
 - Maryland
 - Pennsylvania
 - Virginia
 - West Virginia
 - Region 3 Tribal lands:
 - Chickahominy Indian Tribe
 - Chickahominy Indians Eastern Division
 - Monacan Indian Nation
 - Nansemond Indian Nation
 - Pamunkey Indian Tribe
 - Rappahannock Tribe
 - Upper Mattaponi Indian Tribe



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Capacity Building & Training

- Local Government Leadership Training
- Municipal Online Stormwater Training (MOST) Center
- Online and Virtual Workshops



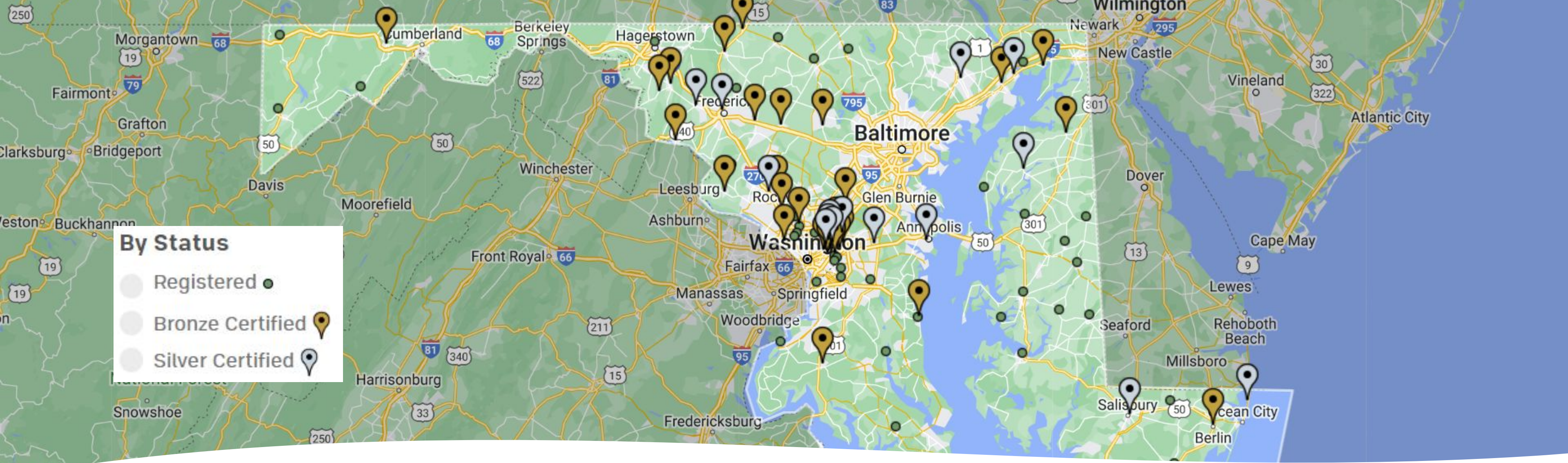
Policy Analysis & Financial Assessment

- Policy Review
- Financing Strategies
- Analyze Budgets



Community Outreach & Facilitation

- Advising on and designing outreach campaigns
- Facilitating focus groups
- Conducting community surveys and interview



Sustainable Maryland Climate Actions

Community Based Food System

Energy

Greenhouse Gas

Local Economies

Planning and Land Use

Natural Resources

Transportation

Actions for Sustainable Communities:

To become Sustainable Maryland Certified, municipalities must complete and document actions from the list below. To achieve certification, municipalities will need to complete actions worth a total of 150 points, including two Mandatory Actions (M) and two of six Priority Actions (P), and submit the appropriate documents as evidence that the requirements have been satisfied.

ACTION ITEM	POINTS	ACTION ITEM	POINTS
COMMUNITY ACTION			
Green Team			
Participate in SMC Green Team Training	5	Green Business Certification Program	15
Create a Green Team	10 M	Green Purchasing	
Complete a Green Procurement Plan	10 M	Green Purchasing Policy (pre-requisite)	15 P
Conduct a Green Procurement Benefits Assessment	15	Evaluate Current Purchasing Practices (pre-requisite)	10
Participate in MD Green Schools Initiative Demonstration Projects	5 to 20	Vendor Preference Statement (pre-requisite)	10
COMMUNITY-BASED FOOD SYSTEMS			
Local Food Consumption		Purchase Recycled Products	10
Local Food Fair	10	Purchase Environmentally Preferable Products	10
Local Food Consumption & Preservation Class	5 per class	Implement Waste Reduction Program	10
Establish Local Farmers Market	15	Innovative Demonstration Projects	5 to 20
Promote Local Farmers Market	5	NATURAL RESOURCES	
Local Food Production		Watershed Stewardship	
Community Gardens	15 P	Implement Watershed Stewardship/Pollution Prevention Outreach Program(s)	10
Seedling Transplant Sale	10	Facilitate Engagement in Existing Watershed Stewardship Opportunities	5 per event
Transplant Sale	10	Provide Voluntary Opportunities for Citizen Engagement in Watershed Stewardship	10
Transplant Drop-off Location	10	Provide Incentives for Watershed Stewardship on Private Lands	15
Innovative Demonstration Projects	5 to 20	Create a Watershed Plan	20 P
ENERGY			
Municipal Energy Audits (10% of municipal bldgs)	10 P	Stormwater Management	
Residential Energy Efficiency	10+	Stormwater Management Program	15 P
Wind Energy Project	10+	Stormwater Manager/Coordinator	15
GREENHOUSE GAS			
Municipal Carbon Footprint (pre-requisite)	10	Stormwater Fee Structure	20
Community Carbon Footprint (pre-requisite)	10	Septic Management	
Climate Planning		Septics System Assessment and Inventory	15
Climate Action Plan	10 to 25+	Septics System Management Plan	20
Climate Change Adaptation Element	5	Dedicated Septic System Fund	20
Innovative Demonstration Projects	5 to 20	Water Conservation	
HEALTH & WELLNESS			
Let's Move	15	Develop a Water Conservation Plan	15
Workplace Wellness		Develop a Water Conservation Outreach Program	10
Join Healthiest Maryland Businesses	5	City USA	15
Workplace Wellness Program	5 to 15	PET WASTE	
Living Well Program	5 per class	Implement a Pet Waste Education Program	5
Innovative Demonstration Projects	5 to 20	Develop a Pet Waste Program	5
LOCAL ECONOMIES			
Buy Local		Adopt a Pet Waste Ordinance	5
Establish Local Business Directory	10	Innovative Demonstration Projects	5 to 20
Promote Local Business Directory	5	PLANNING AND LAND USE	
Buy Local Campaign	15	Participation in DHCD Sustainable Communities	20
Local Business Roundtable	5 per roundtable	Housing and the Comprehensive Plan	10
Local Business Procurement Notices	10	Land Preservation	
Economic Analysis of Procurement Practices	15	Conduct Easement Outreach that Encourages Inspection, Evaluation, and Stewardship	15
Local Purchasing Preference Policy	10	Build Easement Inventory	10
Green Business Recognition			
Join Maryland Green Registry	5	Innovative Demonstration Projects	5 to 20
Promote Maryland Green Registry	5 points per 2 businesses	P denotes Priority Action M denotes Mandatory Action	

Please note: Sustainable Maryland Certified actions and points may be subject to change. Printed on 55% recycled & 35% post-consumer waste paper.

To learn more visit www.sustainablemaryland.com



Sustainable Maryland Food Related Actions

Community Based Food System

Food Forest

Backyard Chicken Ordinance

CSA Drop-off Location

Local Food Fair

Local Food Cooking & Preservation Classes

Local Farmers Market

Transplant Sale

Community Gardens

Innovative Demonstration Projects

Local Economies

Organic Waste Composting



Project Examples:

Sustainable Maryland Spotlight: Compost

Havre De Grace:

- Partners with Veteran Compost
- Public compost drop off run by the Green Team
 - Collected 39,160 pounds of food waste in 2021

University Park:

- Compost program established in 2011
- Compost pick up run by the Public Works Dept.
 - 41.3% of residents participate

Greenbelt:

- Offer subsidized compost bins
- Community compost sites at local recreation center and parks
- Local business compost initiative organized by the Green Team
- Starting a residential compost pick up program
- Compost yard waste, christmas trees, and pumpkins with advertising campaigns to raise awareness

EFC Sustainable Breweries Work

Help brewers in DE and southeastern PA assess operations and identify cost-saving practices related to:

- energy
- water
- wastewater
- air emissions
- CO2 recapture
- cleaning and sanitizing chemicals



UMD EFC's Sustainable Breweries Project provides no-cost technical assistance and sustainability consulting for craft breweries in Delaware and Southeastern Pennsylvania. Supported by a US EPA Pollution Prevention grant, the project aims to help breweries adopt sustainability practices, reduce pollution, and save money.

The Sustainable Breweries Project works with breweries to identify opportunities to implement cost-efficient strategies to reduce water, energy, and hazardous chemicals used in their operations. Project staff help breweries utilize benchmarking tools and checklists and provide recommendations for practices that increase breweries' operational efficiencies, reduce waste generation, improve worker safety, and reduce business costs.

Project partners include the [New England Sustainable Craft Beverage Program](#), the national Brewers Association, and others.

Are you a craft brewery in the Mid-Atlantic?

- Take the [Mid-Atlantic Craft Brewery Environmental Sustainability Survey](#) to help us better understand which

Stay Connected

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Join us for our Wednesday Webinar Series!

4th Wednesday of the Month at 1:00 pm

- March 27th – [Register](#) (Climate Action Planning 101)
- April 24th – [Register](#)
- May 22nd – [Register](#)
- June 26th – [Register](#)
- July 24th – [Register](#)

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Questions

