

STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Enacted	Greenhouse Gas Emissions Reduction Targets 60% by 2031 Net-zero by 2045 Relative to 2006 levels Establishing Policies • SB 528 - Climate Solutions Now Act of 2022 (2022)	Climate Governance and Equity	Climate Governance	2022
Enacted	Climate Action Plans Maryland's Climate Pollution Reduction Plan The Maryland Climate Change Subcabinet is required to submit an annual report detailing the progress of implementing Maryland's Climate Pollution Reduction Plan and state agency Climate Implementation Plans, starting December 1, 2024.	Climate Governance	Climate	2023
Enacted	Establishing Policies	and Equity	Governance	2023

- SB 528 Climate Solutions Now Act of 2022 (2022)
- Maryland's Climate **Pollution Reduction Plan** (2023)
- Executive Order 01.01.2024.19 (2024)
- Governor's Subcabinet on Climate 2024 Annual Report (2024)

and Equity

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STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
	State Greenhouse Gas Emissions Inventory			
Enacted	The 2006-2020 Greenhouse Gas Inventory was published in September 2022.	Climate Governance	Climate	2022
	Establishing Policies	Governance and Equity		
	 SB 323 (2016) 2006-2020 Greenhouse Gas Inventory (2022) 			
	Climate Bureaucracy			
	Climate Change Subcabinet			
	Chief Sustainability Officer		Climate	
	Establishing Policies	Climate		
Enacted	 Executive Order 01.01.2024.19 (2024) Chief Sustainability Officer (2023) Climate Change Subcabinet 	Governance and Equity	Governance	2024
	Climate Advisory Bodies			
	Maryland Commission on Climate Change	Climate		

Enacted

• HB 514 (2015)

Establishing Policies

 Maryland Commission on Climate Change Governance and Equity

Climate Governance



2015



STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Center Enacted	<section-header><section-header><text><text><text><text></text></text></text></text></section-header></section-header>	Climate Governance and Equity	Environmental Justice and Equity	2022
Enacted	Environmental Justice Mapping Tools MD EJSCREEN MD Climate and Health Equity Mapper Establishing Policies • MD EJSCREEN (2021) • MD Climate and Health Equity Mapper (2021)	Climate Governance and Equity	Environmental Justice and Equity	2021



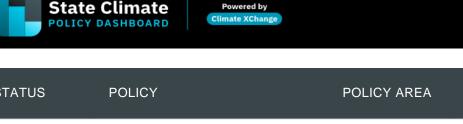
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STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Not Enacted	Environmental Justice Community Investment Requirements Environmental justice (EJ) community investment requirements help ensure communities most impacted by environmental burdens are benefitting equitably from public programs by requiring a certain percentage of funds and/or benefits from other policies are allocated to EJ communities.	Climate Governance and Equity	Environmental Justice and Equity	
Enacted	Environmental Justice Bureaucracy MDE – EJ Coordinator The Climate Solutions Now Act of 2022 also requires the Maryland Department of Environment to provide staff for the Commission on Environmental Justice and Sustainable Communities Establishing Policies . SB 528 - Climate Solutions Now Act of 2022 (2022) . MDE – EJ Coordinator	Climate Governance and Equity	Environmental Justice and Equity	2022
Center Enacted	Environmental Justice Advisory Bodies Commission on Environmental Justice and Sustainable Communities Establishing Policies • Commission on Environmental Justice and Sustainable Communities	Climate Governance and Equity	Environmental Justice and Equity	





STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Not Enacted	Cumulative Impact Assessment Cumulative impact assessments determine the health and environmental impacts of renewing or granting a permit for certain pollution-generating facilities in environmental justice communities. Increased pollution burdens in communities may result in the permit application being denied.	Climate Governance and Equity	Environmental Justice and Equity	

Just Transition Plans



Just transition plans are documents that outline policies and recommendations aimed at supporting communities, workers, and industries affected by the transition away from fossil fuels. The plans often focus on workforce development and retraining, job creation, and economic diversification.

Climate Governance and Equity

Just Transition

Just Transition Offices and Staff



Just transition offices and staff assist workers and communities transitioning away from fossil fuel extraction and use, typically through retraining programs and support with relocation and economic diversification. Offices and staff also coordinate with other state agencies to effectively design policy to achieve a just transition.

Climate

Governance and Equity

Just Transition





STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
	Just Transition Advisory Bodies			
Enacted	Just Transition Employment and Retraining Working Group	Climate		
	Establishing Policies	Governance	Just Transition	2022
	 SB 528 - Climate Solutions Now Act of 2022 (2022) Just Transition Employment and Retraining Working Group 	and Equity		
Not Enacted	Just Transition Funds Just transition funds support initiatives and investments aimed at facilitating the equitable transition of workers and communities affected by shifts in industries or policies that transition from fossil fuels.	Climate Governance and Equity	Just Transition	
Enacted	Green Banks Maryland Clean Energy Center, which administers the Climate Catalytic Capital Fund Establishing Policies • HB 1337 (2008) • SB 528 - Climate Solutions Now Act of 2022 (2022) • Maryland Clean Energy	Cross-Sector	Climate Finance	2008

Center





STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
	Carbon Pollution Pricing The Regional Greenhouse Gas Initiative (RGGI) covers the electricity sector.			
Enacted	Establishing Policies • Title 26, Subtitle 9 (2018) • The Regional Greenhouse Gas Initiative (RGGI) (2007)	Cross-Sector	Carbon Valuation	2007
Not Enacted	Social Cost of Carbon The social cost of carbon is a monetary estimate of the damage of each ton of greenhouse gases emitted. The social cost of carbon is used to quantify and monetize climate damages, representing the net economic cost of climate pollution to society.	Cross-Sector	Carbon Valuation	
	Clean Energy and Renewable Portfolio Standards 30.5% renewable energy by 2020 50% by 2030 Executive Order 01.01.2024.19 directs the Maryland Energy Administration to "establish a	Electricity	Energy Plans	

framework for a clean energy standard to achieve 100% clean electricity in Maryland by 2035."

Establishing Policies

- SB 516 (2019)
- Executive Order 01.01.2024.19 (2024)

Energy Plans and Targets







STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Not Enacted	Electricity Greenhouse Gas Emissions Reduction Targets Electricity greenhouse gas (GHG) emissions reduction targets are set by a state to limit GHG emissions in the electricity sector. These targets aim to reduce emissions by different amounts over time, often expressed as percentage relative to a baseline year.	Electricity	Energy Plans and Targets	
Not Enacted	Clean Energy Plans Clean energy plans are documents that outline the policies and strategies states can implement to meet clean energy targets. Draft plans are often published first, and after a period of public comments and revisions, a final plan is released.	Electricity	Energy Plans and Targets	
Enacted	 Distributed Generation Carveout The State Policy Opportunity Tracker (SPOT) breaks clean energy policies down into "components", which are binary questions to evaluate policy quality. Higher quality policies have more of their SPOT components fulfilled. Establishing Policies SPOT – Generation Carveouts in Maryland Policy Components 5/5 	Electricity	Clean Energy Generation	







STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Partially Enacted	<text><text><section-header><list-item><list-item><list-item></list-item></list-item></list-item></section-header></text></text>	Electricity	Clean Energy Generation	
Partially	Shared Renewables The State Policy Opportunity Tracker (SPOT) breaks clean energy policies down into "components", which are binary questions to evaluate policy quality. Higher quality policies have more of their SPOT	Electricity	Clean Energy	

Partially Enacted

Establishing Policies

components fulfilled.

• SPOT - Shared Renewables in Maryland

Policy Components



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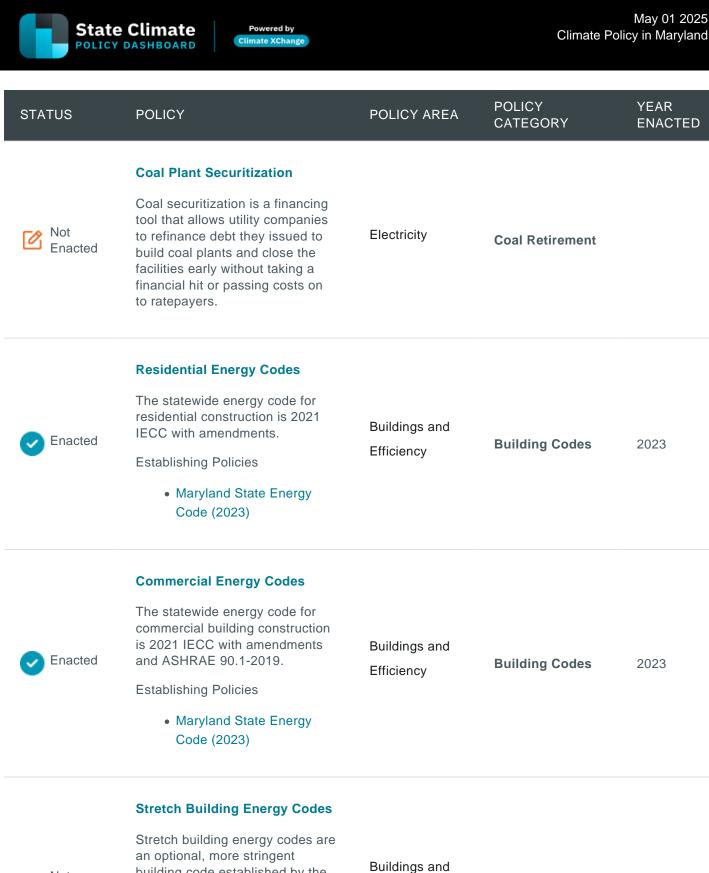
Clean Energy Generation





STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Enacted	Community Choice Aggregation Maryland has an active community choice aggregation program. Establishing Policies • HB 768 (2021)	Electricity	Clean Energy Generation	2021
Enacted	Energy Storage Targets 750 megawatts (MW) of storage capacity by 2027, 1,500 MW by 2030, and 3,000 MW by 2033 Establishing Policies • HB 910 (2023)	Electricity	Transmission, Distribution, and Energy Storage	2023
Enacted	Interconnection Standards Maryland received a C grade from Freeing the Grid. Establishing Policies • Freeing the Grid Maryland Grade (2023)	Electricity	Transmission, Distribution, and Energy Storage	2023
Not Enacted	Coal Phaseouts Coal phaseouts establish a target year by which states must end coal-fired power generation.	Electricity	Coal Retirement	





Mot Enacted stretch building energy codes are an optional, more stringent building code established by the state that local jurisdictions can adopt to require that newly constructed buildings are more efficient than the baseline state codes.

Efficiency







STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Enacted	Appliance Standards The Energy and Water Efficiency Standards apply to 11 products. Establishing Policies • HB 772 (2022) • Appliance Efficiency Standards	Buildings and Efficiency	Building Standards	2022
Center Enacted	 Building Performance Standards The Building Energy Performance Standard requires buildings larger than 35,000 square feet to reduce direct emissions from buildings by 20% by 2030, and to achieve net-zero emissions by 2040. Establishing Policies SB 528 - Climate Solutions Now Act of 2022 (2022) COMAR 26.28.0104 (2024) Building Energy Performance Standards 	Buildings and Efficiency	Building Standards	2024
	Clean Heat Standards			

The Maryland Department of the
Environment is required to
propose a clean heat standard
regulation.Buildings and
EfficiencyBuilding
Standards2024Establishing Policies



Progress

01.01.2024.19 (2024)

• Executive Order

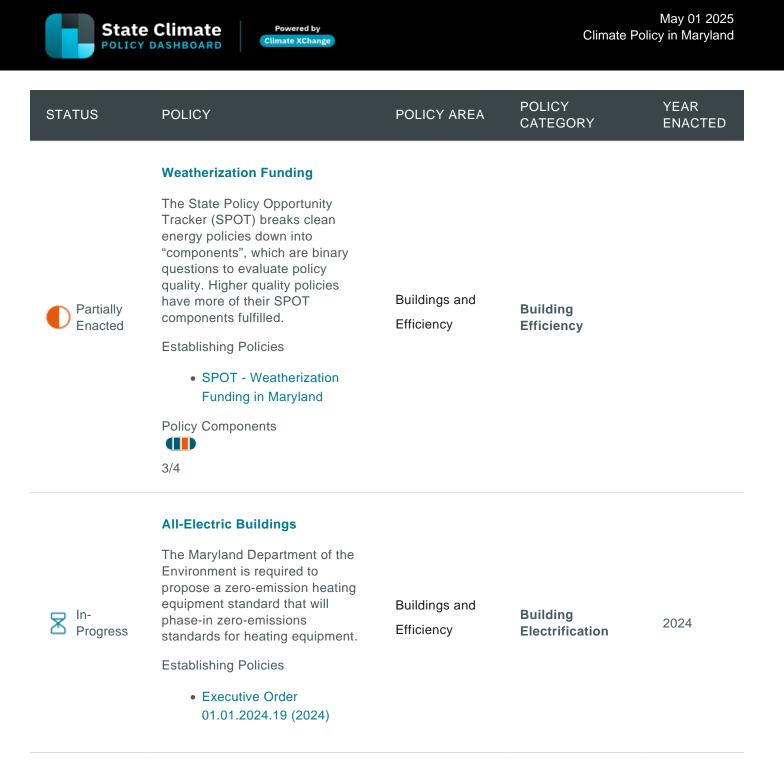




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Cenacted	 Energy Efficiency Resource Standards (EERS) Electric utilities are required to achieve a greenhouse gas (GHG) emissions reduction equivalent of annual electricity savings of 2% in 2024, 2.24% in 2025 and 2026, and 2.5% for each year after that. Utilities must achieve annual energy savings for low-income residential units for the 2024-2026 EmPOWER cycle, starting at 0.53% in 2024 and increasing to 1.0% in 2026. Gas utilities are not subject to an EERS. Establishing Policies HB 169 (2023) HB 864 (2024) 	Buildings and Efficiency	Building Efficiency	2024
Enacted	Property Assessed Clean Energy (PACE) Maryland has enacted commercial PACE-enabling legislation and has active programs. Establishing Policies • SB 186 (2014)	Buildings and Efficiency	Building Efficiency	2014

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	Low-Emission Vehicle (LEV) Standards			
	Maryland Clean Cars Program			
Enacted	Establishing Policies	Transportation	Light-Duty Vehicles	2023
	 COMAR 26.11.34.00 (2023) Maryland Clean Cars Program 			





STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Enacted	Zero-Emission Vehicle (ZEV) Mandates Model Year (MY) 2027: 43% of new passenger vehicle sales are ZEVs MY 2030: 68% of new sales are ZEVs MY 2035: 100% of new sales are ZEVs, with up to 20% being hybrid or hydrogen- powered vehicles. Establishing Policies • Advanced Clean Cars II (2023) • Advanced Clean Cars II Program	Transportation	Light-Duty Vehicles	2023
	Electric Vahiele Behatas			

Electric Vehicle Rebates

Not Enacted Electric vehicle rebates offer rebates to make light-duty electric vehicles more affordable to increase their adoption in a state.

Transportation Light-Duty Vehicles

Low NOx Omnibus Rules

Not Enacted Low NOx Omnibus Rules establish stringent tailpipe emission standards for heavy duty vehicles, updated testing procedures, and technologyneutral compliance mechanisms to reduce nitrous oxide (NOx) pollution. The regulation must be adopted first by California, and other states may adopt the regulation under the federal Clean Air Act.

Transportation

Medium- and Heavy-Duty Vehicles





STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Center Enacted	Medium- and Heavy-Duty (MHD) Zero-Emission Vehicle (ZEV) Mandates By 2035: 55% of Class 2b-3 truck sales are zero-emissions 75% of Class 4-8 straight truck sales are zero-emissions 40% of Class 7- 8 tractor sales are zero- emissions. Establishing Policies	Transportation	Medium- and Heavy-Duty Vehicles	2023
	 HB 230 (2023) Advanced Clean Trucks Rule (2023) 			
	Medium- and Heavy-Duty Electric Vehicle (EV) Rebates			
	The Medium-Duty and Heavy-			



The Medium-Duty and Heavy-Duty Zero-Emission Vehicle Grant Program provides grants to cover up to 75% of the incremental cost of new mediumand heavy-duty battery and hydrogen fuel cell vehicles.

Establishing Policies

- HB 1391 (2022)
- Medium-Duty and Heavy-Duty Zero-Emission Vehicle Grant Program

Transportation

Medium- and Heavy-Duty Vehicles

2022





STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Enacted	Public Fleet Electric Vehicle (EV) Procurement Targets 100% of the state's passenger vehicle fleet are ZEVs by 2031, and 100% of the state's light-duty vehicle fleet are ZEVs by 2036 Establishing Policies • SB 528 - Climate Solutions Now Act of 2022 (2022)	Transportation	Lead by Example	2022
Enacted	Electric Bus Procurement Targets 25% of annual bus procurements by the Maryland Transit Administration are zero-emission by FY25 Establishing Policies • SB 362 (2024)	Transportation	Lead by Example	2024
	Electric Vehicle (EV) Charging Infrastructure Requirements Requires that new construction of			

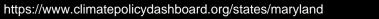


detached single-family homes, duplexes, and townhouses with a separate garage or driveway have one parking space that is EV-ready or has EV supply equipment (EVSE) installed.

Establishing Policies

• HB 830 (2023)







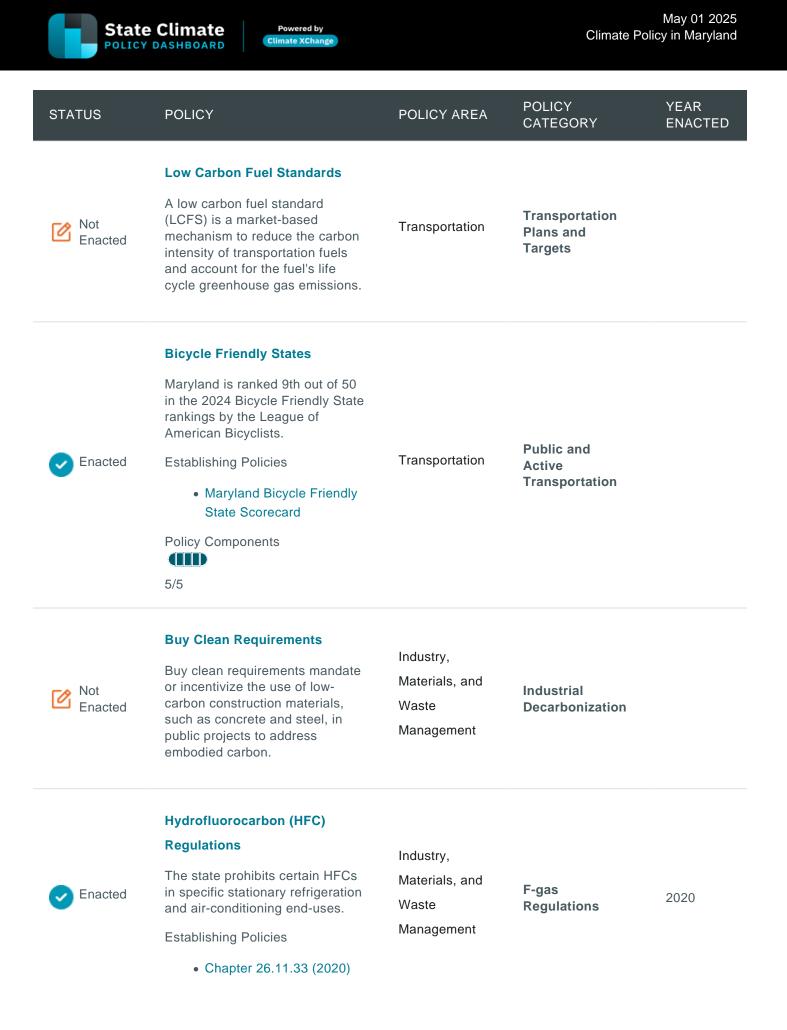


STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
	Electric Vehicle (EV) Charging Infrastructure Rebates			
Enacted	The Electric Vehicle Supply Equipment (EVSE) Rebate Program offers rebates for the purchase and installation of Level 2 and direct current (DC) fast chargers, up to \$700 for residential chargers and up to \$5,000 for commercial chargers.	Transportation	EV Charging Infrastructure	
	Establishing Policies Electric Vehicle Supply Equipment (EVSE) Rebate Program 			
	Electric Vehicle (EV) and EV			
	Charging Infrastructure Plans			
Not Enacted	Electric vehicle (EV) and EV charging infrastructure plans are documents that provide a framework to guide the development, coordination, and adoption of EVs and EV charging infrastructure.	Transportation	Transportation Plans and Targets	
	Transportation Greenhouse			
	Gas Emissions Reduction			
	Targets			
Progress	The Maryland Department of Transportation is required to establish specific annual greenhouse gas and vehicle miles traveled reduction targets for the transportation sector.	Transportation	Transportation Plans and Targets	2024

Establishing Policies

• Executive Order 01.01.2024.19 (2024)



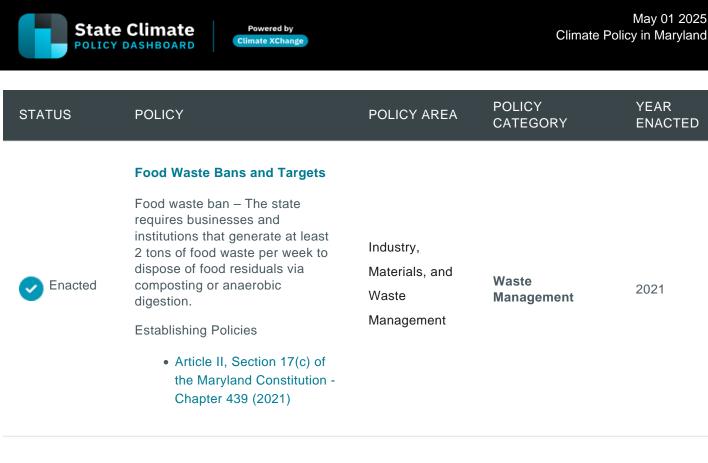






STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Not Enacted	Sulfur Hexafluoride (SF6) Regulations Sulfur hexafluoride (SF6) regulations include phasedown commitments, reporting requirements, bans, or other measures that reduce SF6 usage and emissions.	Industry, Materials, and Waste Management	F-gas Regulations	
Enacted	Oil and Gas Methane Regulations Operators must reduce vented and fugitive emissions of methane from both new and existing natural gas transmission and storage facilities. Establishing Policies	Industry, Materials, and Waste Management	Oil and Gas Regulations	2020
Enacted	Fracking Bans Hydraulic fracking for the exploration and production of natural gas is banned. Establishing Policies • HB 1325 (2017)	Industry, Materials, and Waste Management	Oil and Gas Regulations	2017
Enacted	Landfill Methane Regulations Reporting and control of methane emissions from municipal solid waste (MSW) landfills are required. Establishing Policies • COMAR 26.11.42 (2023)	Industry, Materials, and Waste Management	Waste Management	2023





Agriculture Financial

Incentives

The Maryland Healthy Soils Program provides financial assistance to manage conservation practices in new and innovative ways that improve soil health, yield, and profitability and capture carbon.

Enacted

Maryland's Cover Crop Program offers grants to help pay for seed, labor, and equipment costs to plant cover crops.

Establishing Policies

- HB 1063 (2017)
- Maryland Healthy Soils
 Program
- Cover Crop Program



Natural and Working Lands Agriculture 2017





increase uptake of soil health

practices.

STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Not	Agriculture Technical Assistance Programs Agriculture technical assistance programs provide state-driven technical assistance,	Natural and	Agriculture	
Enacted	apprenticeship and mentorship programs, and support securing additional funding for farmers to	Working Lands Agriculture		

