Changes made to the strategies and actions of the Phase 1 Climate Action Plan from the *draft* version (presented to the Board on June 17, 2020) to the *final* version are summarized in the following tables.

Text changes are shown in red; additions are underlined (<u>example</u>) and deletions are struck-through (<u>example</u>).

Transportation and Land Use: Strategies and Actions

ID	strategies	actions	timeframe
T.1.1	Increase	Improve data collection and reporting on	
	opportunities for	bicycle and pedestrian facilities, usage, and	immediately
	bicycling, walking,	deficiencies for setting concrete	actionable
	and other	improvement targets.	
T.1.2	alternative forms of	Increase the extent of sidewalks, bike lanes,	
	personal	and shared-use paths in the County's	
	transportation for	dDevelopment aAreas, focusing on	immediately
	daily travel.	strategic, high-impact connections and	actionable
	, <u>-</u>	filling gaps in existing networks.	
T.1.3	_	Improve the quality of bicycle and	
		pedestrian infrastructure in the	immediately
		dDevelopment aAreas to make it safer and	actionable
		more comfortable for users.	actionable
T.1.4	_		immodiatoly
1.1.4		Increase public information about bicycle	immediately actionable
T 2 1	Thurst also disease	and pedestrian safety. Reduce amount of land dedicated to	actionable
T.2.1	Through land use		
	planning, provide an	parking by prioritizing alternative	
	urban form - <u>land-use</u>	transportation modes over single-	initiata alamaina
	pattern more conducive to	occupancy vehicles in commercial and	initiate planning
	sustainable local	residential developments. Review and	
		update parking requirements in the zoning	
T.2.2	and regional travel, and to protecting	ordinance to support this goal.	
1.2.2	carbon	Improve coordination between land use	assess opportunities
T.2.3	sequestration in the	and public transit systems. Incentivize denser and more mixed-use	
1.2.3	Rural Area.		
	Nutai Area.	development patterns within the	
		Development aAreas, including infill	initiate planning
		development within existing low-density	
		areas and redevelopment of existing	
T 2 4	-	underutilized commercial sites.	
T.2.4		Increase affordable housing options in	accocc opportunities
		areas served by a variety of transportation	assess opportunities
T 2 E	-	options.	
<u>T.2.5</u>		Incentivize and support land conservation	
		in the Rural Area to provide opportunities	assess opportunities
		for carbon sequestration and protection of	
		existing carbon stores.	

<u>T.2.6</u>		Continue and expand policies and actions to direct development into the Development Areas and to reduce development in the Rural Area, such as a Transfer of Development Rights (TDR) program, in order to protect existing carbon sequestration, maintain opportunities for future increases in carbon sequestration, and to reduce carbon emissions related to transportation in a lower-density development pattern.	immediately actionable
T.3.1	Increase electric vehicle charging infrastructure available to the	Develop local ordinances and policies that encourage or require new developments to provide electric vehicle charging stations, as appropriate.	initiate planning
T.3.2	public <u>.</u>	Pursue public/private partnerships and/or state and federal grants to support an increase in the availability of electric vehicle charging infrastructure.	initiate planningimmediately actionable
T.4.1	Incentivize the purchase of lower and zero-emissions vehicles by County	Assess a reduction of the personal property tax rate for electric vehicles.	assess opportunities
<u>T.4.2</u>	residents <u>.</u>	Support and promote utility demand response programs to facilitate electric vehicle charging.	assess opportunities
T.5.1	Through regional partnerships and initiatives, such as the Regional	Continue to improve coordination between public transit providers (e.g., JAUNT, CAT, UTS) to better serve Development and Rural Areas.	immediately actionable
T.5.2	Transportation Partnership (RTP) and the Charlottesville	Continue planning efforts to aAssess increasing the frequency, quality, and reliability of transit service along key routes in the Development and Rural Areas.	immediately actionable initiate planning
T.5.3	/Albemarle Metropolitan Planning Organization (MPO),	Continue planning efforts to lincrease local and regional transit network coverage area for fixed route and flexible bus service in both the Development and Rural Areas.	immediately actionable initiate planning
T.5.4	Lincrease the use of public transit or other transportation	Increase the usage of the TJPCD Rideshare program through improved marketing and by setting use targets.	initiate planning
T.5.5	demand management programs to provide alternatives to	Build on past work to collect and analyze feedback from regional residents and employees on what factors they consider in choosing to use single-occupancy vehicles, public transit, or other alternatives.	<u>immediately</u> <u>actionable</u>

T. 6.1 5.7	Partner with regional employers to encourage and incentivize reductions in single-occupancy vehicle commuting.	Partner with regional employers to encourage and incentivize reductions in single-occupancy vehicle commuting. Call for a Transportation Demand Management (TDM) plan that will be conducted jointly with the City of Charlottesville and coordinated by the TJPDC and the Charlottesville-Albemarle MPO. Work with the City of Charlottesville and	initiate planning immediately actionable
	regional employers to encourage and incentivize reductions in single- occupancy vehicle	encourage and incentivize reductions in single-occupancy vehicle commuting. Call for a Transportation Demand Management (TDM) plan that will be conducted jointly with the City of Charlottesville and coordinated by the TJPDC and the Charlottesville-Albemarle MPO.	immediately
<u>T.5.8</u>	to encourage and incentivize reductions in single-occupancy vehicle	Call for a Transportation Demand Management (TDM) plan that will be conducted jointly with the City of Charlottesville and coordinated by the TJPDC and the Charlottesville-Albemarle MPO.	immediately
<u>T.5.8</u>	incentivize reductions in single- occupancy vehicle	Call for a Transportation Demand Management (TDM) plan that will be conducted jointly with the City of Charlottesville and coordinated by the TJPDC and the Charlottesville-Albemarle MPO.	immediately
<u>T.5.8</u>	reductions in single- occupancy vehicle	Management (TDM) plan that will be conducted jointly with the City of Charlottesville and coordinated by the TJPDC and the Charlottesville-Albemarle MPO.	immediately
<u>T.5.8</u>	occupancy vehicle	Management (TDM) plan that will be conducted jointly with the City of Charlottesville and coordinated by the TJPDC and the Charlottesville-Albemarle MPO.	
T.5.8		Management (TDM) plan that will be conducted jointly with the City of Charlottesville and coordinated by the TJPDC and the Charlottesville-Albemarle MPO.	
<u>T.5.8</u>	commuting.	Management (TDM) plan that will be conducted jointly with the City of Charlottesville and coordinated by the TJPDC and the Charlottesville-Albemarle MPO.	
<u>T.5.8</u>		Management (TDM) plan that will be conducted jointly with the City of Charlottesville and coordinated by the TJPDC and the Charlottesville-Albemarle MPO.	
		conducted jointly with the City of Charlottesville and coordinated by the TJPDC and the Charlottesville-Albemarle MPO.	
		Charlottesville and coordinated by the TJPDC and the Charlottesville-Albemarle MPO.	
		TJPDC and the Charlottesville-Albemarle MPO.	<u>actionable</u>
		MPO.	
		Work with the City of Charlottesville and	1
<u>T.5.9</u>		· · · · · · · · · · · · · · · · · · ·	
	į	other regional partners to incentivize	
		increased use of public transit with	initiate planning
		discounts, load-based scheduling, and	
		usage tracking.	
T. 7 <u>6</u> .1	Increase the overall	Modify vehicle replacement criteria to	immediately
	fuel efficiency of the	strongly weight vehicle efficiency.	actionable
T. <mark>76</mark> .2	County vehicle fleet.	When possible, purchase electric or hybrid	
		vehicles Define a plan and timeline for	immediately
		replacing as much of the County fleet as	actionable
		possible with electric and hybrid vehicles.	
T. 7 <u>6</u> .3		Update the process to justify the need for	immediately
		new vehicles, as well as type of vehicle, in	actionable
		order to maintain the "right-sized" fleet.	actionable
T. 7 <u>6</u> .4		Increase availability of EV infrastructure	initiato planning
		(chargers) on government properties.	initiate planning
T. 7 6.5		Assess the viability of acquiring electric	
		school buses to replace diesel school buses.	assess opportunities
T. <mark>8</mark> 7.1	Improve County	Develop a non-idling policy for vehicles	immediately
_	Government policies	having internal combustion engines.	actionable
T. <mark>8</mark> 7.2	and procedures	Provide access to charging stations for	1.111.1.1
	pertaining to	employees using personal electric vehicles.	initiate planning
T. <mark>87.3</mark>	employee work	Provide opportunities and incentives to	
_	travel and	employees to telecommute and to more	<u>immediately</u>
	commuting <u>.</u>	efficiently commute to work (e.g., carpool,	actionable initiate
		bike, transit passes for all County	planning
		employees, etc.).	. 5
T. <mark>87</mark> .4			immediately
_		and carpooling to meetings.	actionable initiate
			planning
T. <mark>87</mark> .4		Encourage and support teleconferencing	·

Attachment B: Summary of Changes to the Climate Action Plan from the Draft Version

T. <u>98</u> .1	With support of partnering organizations, lincrease community awareness about	Increase informational programs on transportation, land use, and climate change for local government and public school staff.	initiate planning
T. 9 <u>8</u> .2	alternative, clean modes of transportation and infrastructure projects in the county designed to facilitate ease of clean transport for residents.	Increase access to information and resources on transportation, land use, and climate change for teachers and students in public schools.	assess opportunities

Buildings: Strategies and Actions

ID	strategies	actions	timeframe
B.1.1	Enable and incentivize private	Establish a County policy clarifying this strategy.	initiate planning
B.1.2	energy efficiency and renewable energy projects in the County Code and during the community	Review the building, zoning, subdivision, land use, and tax sections of the County Code for opportunities to facilitate and incentivize the construction of more energy efficient buildings and on-site renewable energy installations like geothermal, rooftop, and parking lot solar.	initiate planning
B.1.3	development regulatory	Develop regulatory processes that would incentivize "better-than-code" design and renewable investing.	assess opportunities
B.1.4	process <u>.</u>	Develop regulatory processes that would incentivize greater housing density and connectivity.	assess opportunities
B.1.5		Support the adaptive reuse of existing buildings through flexible approaches to County Code compliance and identify additional ways to facilitate building reuse, where appropriate.	assess opportunities
B.2.1	Expand upon and develop partnerships with local companies and non-profit	Support organizations/programs like the Local Energy Alliance Program (LEAP) that educate, provide technical assistance, and facilitate third-party energy efficiency and renewable energy incentives.	immediately actionable
B.2.2	agencies to improve energy efficiency in existing homes and businesses.	Promote and support organizations like the Albemarle Housing Improvement Program and the Piedmont Housing Alliance that make energy efficiency and weatherization improvements in affordable housing stock.	immediately actionable initiate planning
B.2.3		Research opportunities to support programs that improve workforce trainingpreparedness in fields related to clean energy and energy efficiency.	assess opportunities
B.3.1	Promote private energy efficiency and renewable	Develop energy efficiency and renewable energy standards for developer-constructed affordable housing units.	assess opportunities
B.3.2	energy investments by the private sector.	Consider a property tax exemption or partial rebate to encourage owners of existing commercial and residential buildingsrental housing to make energy efficiency investments.	assess opportunities
B.3.3		Assess financing mechanisms such as the Property Assessed Clean Energy (C-PACE) program and a Clean Energy Loan Fund program and implement, if appropriate.	initiate planning assess opportunities
B.4.1	Increase community awareness about energy	Develop a multi-media informational campaign; as appropriate, partner with other local government agencies, educational institutions, non-profits, and utilities. <u>-Promote community-based programs like the</u>	initiate planning

	conservation and renewable energy.	Community Climate Collaborative (C3) Better Business and Residential Challenges.	
B.4.2		Promote <u>and encourage</u> building design, construction, and performance rating and certification systems.	initiate planning
B.4.3		Support community efforts to share information about conservation, energy efficiency, and renewable energy topicsPrioritize conservation, then of energy use, efficiency of energy devices, then and energy sourcing as hierarchy for decision making and behaviors. Turning off lights in vacant rooms is conservation while using LED light bulb is efficiency and renewable powered electricity would be sourcing.	initiate planning
B.4.4		Develop agreements with utility companies and other stakeholders to more effectively collect and share energy use data.	assess opportunities
B.4.5		Increase informational programs on building energy efficiency, renewable energy generation, and climate change for local government and public school staff.	initiate planning
B.4.6		Increase access to information and resources on building energy efficiency, renewable energy generation, and climate change for teachers and students in public schools.	assess opportunities initiate planning
B.5.1	Partner with utility companies to expand energy efficiency, and	Support and promote utility demand response programs, which enables customers to use less energy during peak hours, thereby offsetting the need for utilities to satisfy peak energy demand using fossil fuels.	assess opportunities
B.5.2	renewable energy, and energy storage options	Support the provision of "on-bill" financing whereby customers can pay for efficiency and renewable energy investments over time as part of their monthly bills.	assess opportunities
B.5.3	for property owners and tenants <u>.</u>	Support and promote programs within the 2020 Virginia Clean Economy Act and Governor's Executive Order #43; including Regional Greenhouse Gas Initiative (RGGI), Renewable Energy Portfolio Standards, Power Purchase Agreements, net metering, and shared/multi-family solar.	initiate planning
B.6.1	Establish formal policies to further	Establish formal goals for GHG emissions reductions for local government and school buildings	immediately actionable
B.6.2	GHG emissions reduction efforts at local government and school buildings.	Establish a Green Buildings Policy to include operations, new construction, and major renovations.	immediately actionable initiate planning
B.7.1	Make targeted investments in energy efficiency, and renewable	When replacing roofs or constructing new buildings, include any penetrations necessary to accommodate solar arrays if analysis indicates that the roof is appropriate for solar installation (south-facing, load	initiate planning

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	energy <u>, and</u>	analysis, no light obstructions, etc.)a load analysis	
	energy storage	indicates the roofs can bear the weight of the arrays.	
	projects at existing	, ,	
B.7. 2 3	local government and school buildings.	Adopt a policy whereby operational savings associated with energy efficiency project are reinvested into future renewable energy projects.	immediately actionable
B.7. 3 2		Analyze the existing portfolio of buildings for	initiate
		opportunities to add on-site renewable energy and	planning
		define a plan and timeline for installing on-site	immediately
		renewable energy in feasible locations.	<u>actionable</u>
B.7.4		Assess energy efficiency opportunities and invest in	initiate
		those projects with the best fiscal/GHG return on	planning
		investment (ROI) <u>.</u>	planning
B.7.5		Replace equipment at/beyond its expected useful life	initiate
		with high efficiency equipment, such as geothermal	planning
		systems <u>.</u>	planning
B.7.6		Develop a plan for routinely performing "tune-ups" of	assess
		building mechanical systems (known as retro- commissioning).	opportunities
B.7.7		Partner with utility companies to research energy	
		storage systems and make recommendations for County	
		facilities, including vehicletogrid and battery storage	assess apportunities
		options for demand control, emergency back-up power,	<u>opportunities</u>
		and grid resiliency.	
B.8.1	Advocate for	Align County Board of Supervisor's legislative priorities	
	Virginia legislative	with those of other agencies influencing the state	
	actions to support	legislature, e.g. Virginia Association of Counties and	initiate
	energy efficiency	Virginia Municipal League <u>.</u>	planning
	and renewable		
	energy <u>.</u>		

Renewable Energy Sourcing: Strategies and Actions

ID	strategies	actions	timeframe
R.1.1	Enable and incentivize utility-scale renewable energy projects in	Establish a County policy clarifying this strategy to enable and incentivize utility-scale renewable energy projects, incorporating holistic analysis of local impacts on equity and environment.	initiate planning
R.1.2	the County Code and during the community development regulatory process.	Review the building, zoning, subdivision, land use, and tax sections of the County Code for opportunities to better facilitate and incentivize renewable energy projects. Encourage and prioritize the use of roof tops, parking lots canopy, brownfields, landfills, and post-industrial or other open lands aboveover forested, or ecologically sensitivevaluable lands.	assess opportunities
R.2.1	Partner with utilities and	Develop a policy to support utility-scale renewable energy projects.	initiate planning
R.2.2	renewable energy companies to increase local renewable energy and energy storage initiatives.	Support and promote <u>programs within the 2020 Virginia</u> Clean Economy Act and Governor's Executive Order #43; including Regional Greenhouse Gas Initiative (RGGI), Renewable Energy Portfolio Standards, pPower Ppurchase Aagreements, net-metering, and shared/multi-family solar.whereby individuals can own solar arrays installed by a third-party on another person's property.	initiate planning assess opportunities
R.2.3		Conduct a study in cooperation with renewable energy companies to identify locations for utility scale projects in Albemarle CountyPrioritize the use of roof tops, parking lots, brownfields, landfills, and post-industrial or other open lands aboveover forested or ecologically sensitivevaluable lands.	assess opportunities
R.2.4		Provide financial incentives to promote private renewable energy investments.	assess opportunities
R.3.1	Invest in utility- scale renewable energy and energy	Assess issuing a Request for Proposal (RFP) for a renewable Power Purchase Agreement (PPA).	initiate planning
R.3.2	storage to meet energy needs of local government operations as allowed under Virginia code.	Partner with utility companies to research energy storage systems and make recommendation for County-owned facilities including vehicletogrid and battery storage options.	assess opportunities
R.4.1	Promote and facilitate	Assess financing mechanisms applicable to utility-scale renewable energy.	assess opportunities
R.4.2	investment in utility-scale renewable energy by the private sector.	Assess funding opportunities to support a Clean Energy Loan Fund program applicable to utility-scale renewable energy.	assess opportunities

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R.5.1	Increase community awareness about	Develop a multi-media informational campaign; as appropriate, partner with other local government agencies, educational institutions, non-profits, and	initiate planning
	utility-scale	utilities <u>.</u>	
R.5.2	renewable energy <u>.</u>	Support community efforts to share information about utility-scale renewable energy.	initiate planning
R.5.3		Increase informational programs on renewable energy generation and climate change for local government and public school staff.	initiate planning
R.5.4		Increase access to information and resources on renewable energy generation and climate change for teachers and students in public schools.	assess opportunities initiate planning
R.6.1	Advocate for Virginia legislative actions to support utility-scale renewable energy.	Align County Board of Supervisor's legislative priorities with those of other agencies influencing the state legislature, e.g. Virginia Association of Counties and Virginia Municipal League.	initiate planning

Sustainable Materials Management: Strategies and Actions

ID	strategies	actions	timeframe
S.1.1	Increase the availability, convenience, and efficiency of trash	Establish a model trash and recycling center at the Ivy Material Utilization Center.	immediately actionable
S.1.2		Explore-Study the feasibility of curbside recycling by the County.	immediately actionable
S.1.3	and recycling collection.	Identify if there is a need to locate additional paper/cardboard balers in Albemarle County.	immediately actionable
S.1.4		Establish a pilot residential recycling center in Scottsville.	assess opportunities
S.1.5		Work with RSWA to explore improving the customer experience through operational changes.:Provide comprehensive recycling and disposal services to reduce the potential for mishandling or dumping.	initiate planning assess opportunities
S.1.6		Study the feasibility of locating residential trash, recycling, and composting centers within a particular distance or time limit to population centers. Ensure equitable access for underserved communities to future sites is considered.	assess opportunities
S.2.1	Research economic and regulatory tools to	Amend Chapter 13 of the County ordinance to require large trash haulers to report the weight or volume of trash and recycling and their vehicle-miles-traveled.	initiate planning
S.2.2	improve waste metrics reporting and motivate residents to recycle.	Assess a pay-as-you-throw model of trash pricing, in which fees are based on the amount of trash.	assess opportunities
S.2.3		Assess requiring recycling at particular land uses—such as large multifamily developments and commercial/industrial properties.	assess opportunities
S.2.4		Assess requiring recycling collection areas at new developments meeting particular criteria.	assess opportunities
<u>S.2.5</u>		Explore Government Green Purchasing Policy for local government and public schools.	initiate planning
<u>S.2.6</u>		Research and make recommendations on co-generation waste-to-energy options and impacts.	assess opportunities
S.3.1	Increase the availability and	Study the feasibility of residential curbside yard waste and food scraps composting.	immediately actionable
S.3.2	convenience of organic material	Make composting available in all public schools and County office buildings.	initiate planning
S.3.3	collection and composting.	Make food scrap and yard waste composting available at residential trash and recycling centers.	initiate planning
S.3.4		Develop food waste reduction goals and incentivize compost at restaurants, grocery stores, and other large generators.	assess opportunities
S.4.1	Use media outreach, public information	Provide information about waste streams, recycling processes, and the benefits of reducing, reusing, recycling and compostingEncourage and promote waste	initiate planning

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	campaigns, and	hierarchy, circular economy, and reducing material	
	school programs	<u>waste.</u>	
S.4.2	to encourage	Survey the public to gauge support for waste	assess
	behavioral	management initiatives or service changes Ensure	opportunities
	changes towards	equity considerations are part of public survey.	
S.4.3	consumption and	Encourage the donation or reuse of unneeded clothing;	assess
	waste <u>.</u>	provide information on alternatives to sending fabric to	opportunities
		landfill <u>.</u>	
S.4.4		Increase informational programs on sustainable materials	initiate
		management and climate change for the community,	planning
		residents, and businesses.local government and public	
		school staff.	
S.4.5		Increase access to information and resources on	<u>initiate</u>
		sustainable materials management and climate change	<u>planning</u> assess
		for <u>local government</u> , <u>public school staff</u> , teachers and	opportunities
		students in public schools.	

Landscape, Natural Resources, and Agriculture: Strategies and Actions

ID	strategies	actions	timeframe
<u>L.1.1</u>	Incentivize the	Maintain and increase the County's land-	immediately
	protection and	conservation programs and related efforts, with a	<u>actionable</u>
	restoration of	focus on keeping large forested properties intact and	
	natural areas on	in forested land cover, to protect and increase	
	private land,	carbon sequestration, as well as to protect water	
1 1 21	focusing on retaining existing	guality and habitat.	initiato planning
L.1. <u>3</u> 4	forest cover on the	Connect landowners with existing funding sources, and conservation assistance programs, and	initiate planning immediately
	landscape.	succession planning resources to minimize	<u>actionable</u>
	папазсарс.	parcelization and fragmentation of farms and	actionable
		forested properties.	
L.1. <u>42</u>		Use (and modify as necessary) tax programs—such as	initiate planning
		the County's land use real estate tax deferral	assess
		program—as incentives to maintain and expand	opportunities
		forested land cover and natural areas for carbon	
		sequestration and associated values such as water	
		quality and habitat.	
L.1. <u>5</u> 3		Assess Include the carbon trapping potential of land	initiate planning
		as part of the ranking methodology for the County's	assess
		Acquisition of Conservation Easements (ACE)	opportunities
		program, and offer additional points for landowners	
		willing to commit to carbon-informed land	
		management.	
L.1.4		Bolster the County's conservation land acquisition	assess
		program and related efforts, including parkland	opportunities
1.4.65		acquisition.	*
L.1. <u>6</u> 5		Provide general educational resources for	immediately
		landowners regarding the benefits of protecting.	actionable
1 1 76		restoring, and appropriately managing natural areas. Assess the feasibility of new programs or ordinances	255055
L.1. <u>7</u> 6		to further incentivize natural resource protection,	assess opportunities
		restoration, and management.	opportunities
L.1. <u>8</u> 7		Study ways to incentivize the establishment of	assess
L.1. <u>0</u> 7		wetland mitigation banks and nutrient credit banks	opportunities
		in the County.	
L.1. <u>9</u> 8		Provide County staff to Consistently track and	assess
_		monitor carbon sequestration and land cover/land	opportunities
		use patterns in the County to assess progress.	
L.1. <u>10</u> 9		Work with partners and property owners to manage	assess
		invasive species on private properties. Ensure	opportunities
		equitable access for property owners of a full range	
		of incomes and property sizes.	
L.1.1 <u>1</u> 0		Promote small forests ("Victory Forests") instead of	immediately
		lawns on large lot subdivision parcels and other large	actionable
		rural residential parcels. Ensure equitable access for	

	Γ		
		property owners of a full range of incomes and	
		property sizes.	
L.1.1 <u>2</u> 4		Join national and international campaigns for planting trees.	immediately actionable
L.1.13		Incentivize and support the protection,	<u>immediately</u>
		enhancement, and restoration of vegetated riparian	<u>actionable</u>
		buffers and wildlife habitat corridors for multiple	
		benefits, including carbon sequestration.	
L.1.2		Increase parkland acquisition on forested land, to	initiate planning
		maintain and increase carbon sequestration while	
		providing recreational and educational opportunities	
L.2.1	Increase tree cover	Promote the use of trees, shrubs, rain gardens, and	assess
	and native	native meadows in lieu of turf grass in landscape	opportunities
	vegetation in urban	design and property management; encourage native	
	areas, particularly	species for additional benefits.	
L.2.2	adjacent to streets	Evaluate a requirement that overall tree canopy is	assess
	and parking areas.	not reduced by development in the dDevelopment	opportunities
		aAreas. Pursue increases in tree canopy in new and	
		existing developed areas.	
L.2.3		Provide education, resources, and assistance to	assess
		landowners <u>.</u>	opportunities
L.2.4		Promote greater use of green roofs.	assess
			opportunities
L.2.5		Encourage native Virginia Piedmont plantings	assess
		meadow growth along highway corridors and in solar	opportunities
		energy generation facilities.	
L.2.6		Reduce paved/impervious surfaces to mitigate heat	assess
		islands <u>.</u>	opportunities
L.2.7		Use Master Plans and Small Area Planning process to	initiate planning
		evaluate existing tree canopy, set future tree canopy	
		targets, and to identify County-owned properties,	
		potential public spaces, and other areas for increased	
		urban-forest area in the Development Areas.	
L.3.1	Promote carbon	Provide education, resources, assistance, and	initiate planning
	best management	incentives to Inform, encourage, and incentivize	
	practices on	property owners and agricultural producers	
	agricultural <u>and</u>	regarding rotational grazing methods, cropland	
	<u>silvicultural</u> land <u>.</u>	management, agroforestry, and other carbon best	
		management practices that both improve soil health	
		and increase carbon sequestration.	
L.3.2		Encourage and incentivize retention of forest cover	initiate planning
		and carbon-informed management of managed	
		<u>forestland.</u>	
L.3.3		Encourage a transition towards sustainable clean-	assess
		energy farming and landscaping equipment.	opportunities
L.4.1	Promote best	Locate priority sites for evaluating the carbon	immediately
	carbon	trapping potential of the landscape on County	actionable
	management	properties <u>.</u>	

L.4.2	practices on County-owned properties and as	Evaluate the carbon trapping potential of the landscape when planning and managing County properties and projects.	initiate planning
L.4.3	part of County projects and initiatives.	On <u>priority sites on eCounty-owned land</u> , engage in native forest and grassland plantings for combined sequestration and habitat demonstration projects.	initiate planning
L.4.4		Reduce carbon emissions associated with maintaining County parks, building grounds, and other properties.	assess opportunities
L.4.5		Manage invasive species on County properties.	assess opportunities
<u>L.4.6</u>		Protect, restore, and appropriately manage natural areas on County-owned land	initiate planning
L.5.1	Create opportunities for all residents to	Partner with local organizations to sponsor volunteer activities such as tree plantings and control of invasive species.	assess opportunities
L.5.2	participate in initiatives that would contribute towards local carbon	Enable and promote community gardens, and promote local food production and distribution networks for carbon sequestration, energy-conservation benefits, and equitable access to local, fresh food.	assess opportunities
L.5.3	sequestration <u>.</u>	Increase informational programs on sustainable land management, native Virginia Piedmont species and habitats, and regenerative agriculture for local government and public school staff.	initiate planning
L.5.4		Increase access to information and resources on sustainable land management, native Virginia Piedmont species and habitats, and regenerative agriculture for teachers and students in public schools.	assess opportunities
L.5.5		Continue to fund the Albemarle Conservation Assistance Program to provide support to residents for carbon-sequestration projects and other environmental improvement projects on residential land.	immediately actionable
<u>L.5.6</u>		Provide information resources for County residents on land-management techniques and tree-species selection for successful carbon sequestration.	immediately actionable