

Type	Recommendations	Status	Revise Action, Revise Strategy, Remove, Keep as is	Revised Language	Notes
P	<b>Pathway 19: Adaptation—Sustain, restore, and enhance the health and function of Vermont's lands and water to help natural and human communities adapt to climate change.</b>		Keep as is		
S	<b>Strategy 19a: Increase technical assistance, capacity, education, and resources to support private and municipal farm and forestland owners, planners, and managers for climate change adaptation.</b>		Revise Strategy	Increase funding and enhance programming and capacity for climate adaptation technical assistance, planning, training, and education for farm and forestland owners, landowners, other land and water caretakers, and municipalities.	
A	Enhance and support funding for technical assistance to farmers (e.g. fully fund UVM Extension to support climate adaptation training for agriculture and support other institutions of higher education in this endeavor), landowners (e.g. fund climate adaptation training through FPR's Forests & Climate program), and municipalities (e.g. fully implement Act 171).		Revise Action	Enhance and support dedicated funding for technical assistance to farmers, landowners, land and water caretakers, and municipalities through increased funding to existing programs, such as Vermont Natural Resources Conservation Districts, UVM Extension Climate and Agriculture program, FPR's Forests & Climate program, and fully implementing Act 171.	Used as primary for combined actions between task groups.
A	Develop & fund climate adaptation planning and training for all farmers and foresters.		Revise Action	Develop and fund climate adaptation planning and training for all land and water caretakers that braides traditional ecological, scientific, farmer, and forester knowledge.	
S	<b>Strategy 19e: Plan and regulate for climate resilience and adaptation.</b>		Keep as is		
A	Establish "climate resilience zones" informed by existing data, bolstered with new research and science, to identify locations that have high resilience potential for both the natural and built environments and use to inform land use development and regulations.	No Action Taken	Keep as is		Could farmland be a part of a "climate resilience zone" or is this only natural/non-working lands. Would mature forests be a part of this, and what happens if the land is privately owned (would their be incentives)
A	Per the formula in statute, fully fund Regional Planning Commissions (RPCs) to ensure sufficient capacity necessary to address climate change in regional and municipal plans.	More Information Needed	Keep as is		Need more clarity on what the impact and efficacy would be
S	<b>Strategy 19g: Promote healthy, connected river corridors, floodplains, and wetlands.</b>		Keep as is		
A	Create a mechanism, position, or body within the Executive Branch to ensure coordinated climate action across state government with just transitions and environmental justice expertise. This interagency body or mechanism is intended to connect actions both within and beyond the scope of the GWSA-required Climate Action Plan to ensure effective communication across agencies that work together to promote climate change mitigation, adaptation, and resilience and add a consistent climate lens to the myriad of regulatory and funding programs.	Completed	Keep as is		
P	<b>Pathway 20: Viability—Support and empower Vermont's natural and working land owners, managers, and caretakers to enhance farm and forest viability and to make informed decisions to increase resilience and adaptation to climate change.</b>		Revise Strategy	<b>Pathway 20: Viability—Support and empower Vermont's natural and working land owners and other land and water caretakers to enhance farm and forest viability and to make informed decisions to increase resilience and adaptation to climate change.</b>	
S	<b>Strategy 20a: Support and enhance local food markets for greater viability, mitigation, and resilience benefits.</b>		Keep as is		
		More Information Needed	Revise Action	Fund training for farm technical and business advisers in the Farm Viability network on how to integrate climate risk management planning in farm and forest business planning.	New action.
S	<b>Strategy 20b: Foster partnerships at all levels (state, federal, nonprofit, and private sector): essential to recognizing, capacitating, and building strategies for landowners to address climate change and enhance community resilience.</b>		Revise Strategy	<b>Foster partnerships at all levels (state, federal, nonprofit, Indigenous/tribal, and private sector) essential to recognizing, capacitating, and building strategies for landowners and other land and water caretakers to address climate change, increase adaptation across natural and working lands, and enhance community resilience.</b>	
A	Dedicate funds to support Vermont Natural Resources Conservation Districts and farmer watershed organizations with the specific objective of allowing them to reach other farmers and do farmer-to-farmer education about improved soil and manure management.	Being Implemented	Revise Action	Leverage the power of peer learning to advance climate resilience by funding an RFP that provides funds to support Vermont Natural Resources Conservation Districts, farmer organizations, and non-profit organizations with the specific objective of allowing them to reach other farmers and do farmer-to-farmer education about improved soil and manure management strategies that enhance climate resilience.	
A	Maintain Ag & Ecosystems Subcommittee through development and implementation of GWSA and CAP to cultivate, build and reinforce state, federal, nonprofit, and private sector collaborations	No Action Taken	Revise Action	Partner with agriculture, food system, and forest product organizations and networks (e.g., Farm to Plate Network) and host annual/bi-annual input sessions to evaluate policy proposals and CAP progress and build and reinforce state, federal, non-profit, Indigenous/tribal, and private sector collaborations.	
A	Fund a research project to fully understand household food insecurity in Vermont and how to invest in its elimination. The design and implementation of the research project should engage academics, advocacy groups, and impacted individuals, and include research on geographic spread, root causes, and costs to the health care, educational, and emergency response systems (as written in the 2021-2030 F2P Strategic Plan pg. 158). (collaborate with Hunger Free Vermont, Vermont Foodbank, VT Relief Collective)	No Action Taken	Revise Action	Fund a research project to fully understand household food insecurity in Vermont and how to invest in its elimination. The design and implementation of the research project should engage academics, advocacy groups, and impacted individuals and include research on geographic spread, root causes, and costs to the health care, educational, and emergency response systems (as written in the 2021-2030 F2P Strategic Plan pg. 158). Collaborate with Hunger Free Vermont, Vermont Foodbank, and Liberation Ecosystem.	
A	Work closely with USDA NRCS's 2021 Action Plan for Climate Adaptation and Resilience to leverage resources and increase efficiencies of practice education and implementation	Advancing	Revise Action	Align with USDA NRCS's 2021 Action Plan for Climate Adaptation and Resilience to leverage resources and increase practice education and implementation efficiencies.	

S	Strategy 20c: Expand funding for existing programs dedicated to farmland access, forestland ownership, and conservation, and leverage this funding to increase land access through flexible and new ownership financing mechanisms, policies, and models.		Keep as is		
A	Assist food and farm businesses with navigating municipal and state permit requirements and regulations. This will create a more supportive environment for business growth and diversification, especially as it relates to on-farm accessory businesses, farm employee housing, and the development of off-farm processing, distribution, and storage infrastructure (as written in the 2021-2030 F2P Strategic Plan pg. 33).	Advancing	Keep as is		
A	Investigate innovative funding mechanisms for assisting with the implementation of climate-smart agriculture practices, crop insurance for diversified Vermont-scale farms, and emergency recovery following extreme weather events to better respond when climate change-related events occur.	Being Implemented	Revise Action	Strategy 20d: Investigate innovative funding mechanisms for assisting with the implementation of climate-smart agriculture practices, crop insurance for diversified Vermont-scale farms, and emergency recovery following extreme weather events to better respond when climate change-related events occur.	Elevate as a standalone strategy (Strategy 20d).
A			Revise Action	Create a dedicated climate impact emergency recovery fund for farms and forestry operations (or ensure the agriculture and forestry sectors are given specific considerations in general state climate impact recovery fund) to ensure that they can viably recover from climate induced disasters. The fund should be simple to access, deploy sufficient funds quickly following a disaster, be flexible, equitable, and proportional to meet the diverse needs of the farming and forestry community, and be sustained over time with predictable and consistent funding.	This would be a new action, under the new Strategy 20d (which itself was previously an action under Strategy 20c)
P	Pathway 21: Economies—Grow and connect local and sustainable natural and working lands' economies, markets, and food systems while ensuring and providing equitable access to said economies, markets, and food systems for Vermont's people.		Keep as is		
S	Strategy 21a: Develop, expand, and sustain local markets specifically for food, agricultural, and forest products in ways that ensure food sovereignty and security and provide for all Vermont's peoples.		Revise Strategy	Develop, expand, and sustain local markets specifically for food, agricultural, and forest products in ways that ensure farm and forest viability, climate resilience, and food sovereignty and security for all Vermont's people.	Recommend combining the revised versions of 21a and 21c: Develop, expand, and sustain local markets and strengthen all aspects of farm, food, and forest product sector supply chains including associated infrastructure to support them (e.g., processing, storage, and distribution) to ensure farm and forest sector viability, enhance the sectors' and state's climate resilience, and foster food sovereignty and security for all Vermont's peoples
A	Support research and development efforts, as well as expansion of new markets and opportunities for local wood products processing and manufacturing in Vermont.	Advancing	Keep as is		
A	Develop supply chain substitutions that better support local products.	Advancing	Keep as is		
A	Research the efficacy of food hubs as public infrastructure (e.g., libraries and public infrastructure).	Advancing	Keep as is		
A	Map Vermont's agricultural land base and production capacity, including geographic data about predicted climate change impacts, aggregation and distribution infrastructure, and regional dietary needs (as written in the 2021-2030 F2P Strategic Plan, pg. 32).	Advancing	Keep as is		

A	<p>Provide additional support for critical programs that help Vermont's agricultural sustainability and ability to address climate issues, including:</p> <p>(1) Support the growth of VAAF Meat Inspection and Agricultural Development programs, which will help expand Vermont products into the regional marketplace and develop consumer education and public awareness campaigns around the steps involved in getting meat products from farm to table;</p> <p>(2) Fund a pilot aggregation and sales system that effectively serves the charitable food system and institutional and other market channels through a structured partnership among established processors, aggregators, and gleaners. The pilot would include data collection on specific marketable surplus food products;</p> <p>(3) Support the Vermont Farm to School Network;</p> <p>(4) Support organizations in the charitable food system to source food directly from Vermont farmers;</p> <p>(5) Create a Local Food Access Funding Program;</p> <p>(6) Develop a distribution and logistics infrastructure investment plan to guide strategic transportation investments to improve the efficiency and cost-effectiveness of in-state and regional food distribution. Include a business plan analysis for a public/private Vermont wholesale terminal market that would provide cross-docking, cold storage, and logistical service between Vermont producers and regional wholesale buyers;</p> <p>(7) Using the infrastructure study as a guide, increase public-private investment in intermediated market distributors to improve operational efficiencies and overall sales through enhanced marketing, infrastructure, route optimization, shared transportation-management software, and access to logistics professional development and consulting.</p>	Advancing	Keep as is		
A	Develop a strategic plan for the forest economy, modeled on the Farm-to-Plate strategic plan but improved to better incorporate impacted stakeholders and principles of equity, and examine our current language and approach to forest management.	Completed	Keep as is		The status of this action should be changed to completed
A	Develop alternative markets for residue, by-products, and otherwise not-used wood, focusing on cellulose insulation, bioplastic composites, or biofuels.	No Action Taken	Keep as is		
A	Support robust funding for Working Lands Enterprise Initiative and prioritize funding to businesses that have climate/low carbon goals	Being Implemented	Revise Action	Dedicate robust funding for farm and forest supply chain resilience and state food security, including significant investment in storage, processing, and distribution infrastructure. Prioritize investments in farm, food, and forestry businesses, cooperatives, non-profits, tribes, and community projects that have climate resilience, adaptation, and mitigation goals. Funding should include a minimum dedicated base funding of \$1.5 million for the Working Lands Enterprise Initiative, \$18 million over three years for the Agriculture Development Grant program, \$500,000 in base funding for Crop Cash Plus and Farm Share, dedicated appropriations for distribution and food hub operations and infrastructure, and appropriations for research, development, and market expansion opportunities for local wood products processing and manufacturing in Vermont.	Synthesizing/combining with the action highlighted below under 21c
S	<b>Strategy 21b: Promote workforce development in all working lands sectors along all points of the supply chain.</b>		Keep as is		
A	Develop, endorse, and implement fair trade, equitable labor practices, and just livelihoods for the natural and working lands sector.	Action not defined	Keep as is		
A	Better resource state programs to support landowners' personal and professional development, and where needed, develop additional affordable and accessible training programs such as apprenticeships, certificates, stackable credentials, and concurrent degrees. Train natural land managers in securing, retaining, and supporting employees.	Action not defined	Revise Action	Better resource state programs to support personal and professional development, and where needed, develop additional affordable and accessible training programs such as apprenticeships, certificates, stackable credentials, and concurrent degrees. Train natural land managers and other land and water caretakers in securing, retaining, and supporting employees.	
S	<b>Strategy 21c: Strengthen all aspects of working lands' supply chains and the associated infrastructure to support them.</b>		Revise Strategy	Strengthen all aspects of farm, food, and forest product sector supply chains, including the associated infrastructure necessary to support them (e.g., processing, storage, and distribution).	
A	Make significant investments in storage, processing, and distribution infrastructure to enhance product innovation and quality across all Vermont food and forest products.	Advancing	Keep as is		
A	Support product-specific value chain development by facilitating producer, distributor, and buyer matchups and supporting producer-driven aggregation, distribution, and marketing enterprises.	Advancing	Keep as is		
S	<b>Strategy 21d: Ensure equitable access to local foods, culturally relevant foods, land, funds, grants, and technical assistance for people who have been historically marginalized and come from impacted communities.</b>		Keep as is		

A	Uplift and resource the work of the Vermont Releaf Collective and other BIPOC led organizations	Advancing	Combined Primary	Improve funding opportunities and create equitable access for BIPOC farm, food, and forest organizations and businesses by developing multi-year unrestricted BIPOC-centered grants and loan programs. This includes uplifting and resourcing the work of the Vermont Abenaki and other Indigenous Peoples in the State, Vermont Environmental Justice Network, Liberation Ecosystem, Land Access and Opportunity Board, and other BIPOC peoples and organizations in Vermont.	
A	Build out and utilize traditional ecological knowledge (TEK) to build out connections to our Tribal and Indigenous communities in the development and utilization of traditional products (e.g., birch syrup, sumac spices, etc.).	No Action Taken	Keep as is		
A	Improve funding opportunities and create equitable access for BIPOC organizations and BIPOC owned businesses by developing multi-year, unrestricted BIPOC centered grants and loan programs.	Action not defined	Combined Secondary	See line 40.	Combined with Row 40.
S	<b>Strategy 21e: Develop a Vermont food security and sovereignty plan centered around a thriving food system and inspired by community-based responses to food insecurity and disruptive events.</b>		Keep as is		The status of this strategy should be changed to completed
A	involve food insecure individuals and farmers in the planning and investigate questions including, but not limited to, affordable housing, health care, transportation, siting of retail grocery stores, food distribution, and ensuring the continued production of food in Vermont.	Advancing	Keep as is		
A	Work to adopt state and regional level policies, procedures, and plans to ensure that the Vermont food supply is sufficient to withstand global or national food supply chain disruptions caused by climate change and other disasters (as written in the 2021-2030 F2P Strategic Plan pg. 32).	Advancing	Keep as is		
P	<b>Pathway 24: Support and empower Vermont's farmers, foresters, and land workers to capacitate renewable energy and building product transitions.</b>		Revise Action	<b>Pathway 24: Support and empower Vermont's farmers, foresters, and other land and water caretakers to capacitate renewable energy and building product transitions.</b>	
S	<b>Strategy 24b: Promote and incentivize the use of local wood and agricultural products to reduce embodied carbon footprint.</b>		Keep as is		
A	Develop alternative markets for non-timber wood, focusing on cellulose insulation, bioplastic composites, or biofuels.	Advancing	Keep as is		
A	Promote and incentivize use of agricultural and sustainably harvested wood-based construction materials (subject to existing certification criteria or procurement standards to be developed) over imported wood and/or non-wood materials with high carbon footprints (such as steel, concrete, etc.) Continue to research life-cycle accounting of these products for greatest impact.	No Action Taken	Combined Primary	Promote and incentivize the use of agricultural and sustainably harvested wood-based construction materials (subject to existing certification criteria or procurement standards to be developed) over imported wood and/or non-wood materials with high carbon footprints (such as steel, concrete, etc.). This could include using state procurement standards to require that publicly funded building projects use chain-of-custody certified wood products (MASS timber, cellulose insulation, etc.) and prioritize locally sourced wood products when possible that have been harvested under sustainable procurement standards over materials with a higher carbon footprint (such as steel, concrete, etc.). Continue to research and develop the life-cycle accounting of these products for the greatest impact.	
A	Develop a regional certification standard for forestry to validate carbon storage values for forest building products (methodologies supporting supply chain validation for carbon storage frequently use FSC as a proxy; regional-scale certification standards focused around net carbon benefit are needed for product transparency).	No Action Taken	Keep as is		
A	Through state procurement standards, require that publicly funded building projects use chain of custody certified wood products (MASS timber, cellulose insulation, etc.) that have been harvested under sustainable procurement standards over materials with a higher carbon footprint (such as steel, concrete, etc.), prioritize locally sourced wood products when possible.	No Action Taken	Combined Secondary	See line 49.	
S	<b>Strategy 24c: Transition fuel sources for the forestry and maple sector.</b>		Keep as is		
A	Provide funding to incentivize sugar makers to switch evaporators from fossil fuels to wood pellets and incentivize the elimination of diesel generators for sap vacuum pumps.	Being Implemented	Keep as is		
A	Incentivize alternative fuels such as biofuels or offsets for logging equipment.	No Action Taken	Keep as is		
S	<b>Strategy 24d: Sustainably source renewable energy products and materials.</b>		Keep as is		
A	Fund competitive research to track and innovate on the sustainability and ethical implications of renewable energy materials and products consumed to meet the CAP.	Advancing (Action Modified)	Keep as is		
P	<b>Pathway 26: Education: Create accessible, equitable research, partnerships, and education; promote shared understanding; and invest in sustainable workforce development for the natural and working lands sector.</b>		Keep as is		
S	<b>Strategy 26a: Provide funding for climate-related education at all levels, outreach, research, and technical assistance programs.</b>		Keep as is		
A	Develop and make available accessible outreach and educational materials that communicate climate change science and local impacts to the general public, which include and highlight the role that Vermont's natural and working lands play in providing solutions to climate change.	Advancing	Keep as is		

A	Enhance education, outreach, and technical assistance programming to support farmer learning and to encourage adopting climate-smart agricultural practices. Ensure equitable access by creating two full-time UVM Extension and part-time staff for each National Resource Conservation District.  Grow the capacity of additional VT academic institutions and indigenous-led & BIPOC organizations to offer technical support to farmers and foresters, such as Middlebury College's perennial program with traditional ecological knowledge (TEK).	Being Implemented	Keep as is		
A	Establish and fund an educational program that explains the role that Vermont farmers and foragers and their high-quality, local food products play in maintaining a low climate impact	Being Implemented	Revise Action	Establish and fund an educational program explaining the role of Vermont farmers and foragers and their high-quality, local food products in maintaining a low climate impact.	
A	Establish stronger relationships between state agencies, regional planning commissions, and faculty at Vermont and adjacent state institutes of higher learning to create opportunities for state and regional research needs to become an aspect of faculty research agendas.	Advancing	Keep as is		
A	Create a climate curriculum teachers fellowship program to engage teachers in leading and sharing their climate curriculum ideas with other teachers.	More Information Needed	Keep as is		
A	Amend the Vermont State Board of Education's Education Quality Standards to incorporate environmental and climate change education at all grade levels (consider folding under "Science" and "Social Studies" curricula).	More Information Needed	Keep as is		
A	Redesign the state education funding model so that Career and Technical Education centers have independent funding streams and budgets, and create and fund legislation to support other educational programs that strengthen the workforce pipeline, including a range of accessible postsecondary educational models (e.g., apprenticeships, concurrent enrollment, and stackable credentials).	More Information Needed	Keep as is		
A	Support increased investment in healthy soil education through educational mini-grants for teachers to all audiences (including agriculture, homeowner, forestry, publications, K-12 schools, and institutions of higher learning) and implementation of practices through funding of Best Management Practices challenges, technical assistance programs, and cost shares.	More Information Needed	Keep as is		
S	<b>Strategy 26b: Develop and promote climate-related educational materials for private landowners to empower them to make climate-informed decisions about their land and waters.</b>		Revise Strategy	<b>Strategy 26b: Develop and promote climate-related educational materials for private landowners and other land and water caretakers to empower them to make climate-informed decisions about their land and waters.</b>	
A	Expand infrastructure and educational programs around community and backyard composting and recycling.	Being Implemented	Keep as is		
A	Educate Vermont landowners about the benefits of reducing lawn mowing frequency and amount of mowed lawns to increase biodiversity and ecosystem health and ultimately reduce emissions.	No Action Taken	Revise Action	Educate Vermont landowners and other land and water caretakers about the benefits of reducing lawn mowing frequency and amount of mowed lawns to increase biodiversity and ecosystem health and ultimately reduce emissions.	
A	Promote planting future climate-adapted tree species and crops to expand tree planting efforts on private land. This promotes restoration efforts in 304 reforest riparian areas, wetland buffers, and unhealthy soil.	Advancing	Keep as is		
A	Create and deploy an extension-type program for the river corridor and floodplain buffers that provides educational material and technical assistance for private landowners.	No Action Taken	Revise Action	Create and deploy an extension-type program for the river corridor and floodplain buffers that provides educational material and technical assistance for private landowners and other land and water caretakers.	
S	<b>Strategy 26c: The language in Vermont agencies must be reviewed and updated to be more equitable.</b>		Keep as is		
A	Educate state staff on the history of Vermont, the harm that has been done in the name of conservation, the history of state involvement in the eugenics movement, and the role that language plays in the continuation of oppression and misunderstandings.	More Information Needed	Keep as is		
A	Identify and develop alternative terms and words to those rooted in historical injustices and invest in community outreach to create a broad understanding of de-colonized words.	Advancing	Keep as is		
A	Recommend that the legislature create a board to systematically review state government institutions to ensure that language intrinsically tied to historical injustices is removed from all active documents and policies.	Advancing (Action Modified)	Keep as is		
A	Leadership in all levels of state government must make this strategy a top priority.	Advancing	Keep as is		