

Theme 2		<i>Support adaptation, viability, recovery, economies, and workforce (Pathways 20, 21, 26, some 19 and some 24)</i>				
Pathway	Strategy	Row	Action	Comments	Subcommittee Member	
19	19a	15-18	Increase funding to Regional Planning Commissions (RPCs) to hire and support natural resource staff, potentially through Natural Resource Conservation districts.		JP	
19	19a	15-18	Increase technical assistance, capacity, education, and resources to support private and municipal farm and forestland owners, planners, and managers for climate change adaptation.		SL	
19	19a	16	Develop & fund climate adaptation planning and training for all farmers and foresters.		AW, JP	
19	19b	20	Make the state guide to maintaining and creating resilient forests more usable		SL	
19	19b	21	Develop education/outreach materials and training regarding climate adaptation forestry specific for Vermont forest types and conditions.		AM, SL	
19	19b	22	Where appropriate, promote planting future climate adapted tree and crop species		SL	
19	19c	23-28	Develop financial mechanisms (e.g. a revolving loan fund, green bank, loan guarantees, pension fund investments, etc.) to de-risk capital investment in and support for NBS and TEK projects		JP	
19	19c	23-28	Promote funding for nature-based solutions and traditional ecological knowledge efforts and incorporate into state funding and planning efforts.		SL, JP	
19	19c	26	Incentivize nature-based solutions and traditional ecological knowledge (TEK) in state regulatory processes and funding programs. (could be combined with Row 24).		AM, JP	
19	19d	30	Fund support for local academic institutions, researchers, and applied research to evaluate best climate management practices for our lands		AW	

19	19d	33	Enhance resilience funds to support the financial capacity of land managers to respond and adapt to natural hazard and climate impacts		AW
19	19e	37	Establish "climate resilience zones" informed by existing data, bolstered with new research/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		SL
19	19e	38	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		SL
19	19f	41	Enhance resilience funds to support the financial capacity of land managers to respond and adapt to natural hazard and climate impacts		AW
20	-	-	Support and empower Vermont's natural and working lands owners, managers, and caretakers to enhance farm and forest viability and to make informed decisions to increase resilience and adaptation to climate change.		SL
20	20b	53	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.		AM, JP
20	20b	55	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 Releaf Collective)		JP

20	20c	56	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		JP
20	20c	58	Assist food and farm businesses with navigation of 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 development of off-farm processing, distribution, and storage infrastructure (as written in the 2021-2030 F2P Strategic Plan pg. 33).		SL, JP
20	20c	59	Investigate innovative funding mechanisms for assisting with 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.		AM, SE, SL, RP, JP
21	-	60	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.		SL
21	21a	63	Develop supply chain substitutions which better support local products		JP
21	21a	66	Provide additional support for critical programs that help Vermont's agricultural sustainability and ability to address climate issues.	See matrix for more bullet points with this action.	SE, RP, JP
21	21a	69	Support robust funding for Working Lands Enterprise Initiative and prioritize funding to businesses that have climate/low carbon goals		RP, JP
21	21b	71	Develop, endorse and implement fair trade and equitable labor practices and just livelihoods for the natural and working lands sector		JP

21	21d	79	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.		AW, JP
21	21	82	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).		RP
24	24b	143	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.		AW
26	26a	175	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.		SE
26	26a	176	Enhance education, outreach, and technical assistance programming to support farmer learning and adoption of climate smart agricultural practices and ensure equitable access through the creation of two full time UVM Extension staff 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 perennial program with TEK.	Could be combined with Pathway 19, Strategy 19a, Row 18	AM, JP

26	26a	177	Establish stronger relationships between state agencies and regional planning commissions, and faculty at Vermont and adjacent state institutes of higher learning, creating opportunities for state and regional research needs to become an aspect of faculty research agendas.		JP
26	26a	179	Create a climate curriculum teachers fellowship program to engage teachers in leading and sharing their climate curriculum ideas with other teachers		SE
26	26a	180	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)		JP
26	26a	181	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.		JP
26	26b	187	Create and deploy a river corridor and floodplain buffers extension-type program that provides educational material and technical assistance for private landowners		SE