

Definitions and Acronyms

Term or Acronym	Definition	Source	Section of CAP
AAFM	Agency of Agriculture Farms and Markets		Agriculture & Ecosystems: Reduce-Sequester
Act 121	The flood safety act grants the VT DEC and ANR the power to regulate wetlands, river corridor development, and dam safety.	Summary of Act 121	Agriculture & Ecosystems: Climate Resilient Lands
Act 171	Act 171 amended Vermont Planning Statutes to encourage and allow municipalities to address protection of forest blocks and habitat connectors while supporting the local forest products industry.	Forest Blocks and Habitat Connectors	Agriculture & Ecosystems: Climate Resilient Lands, Rural Resilience & Adaptation: Community Capacity Planning, Compact Settlement
Act 179	Enacted in 2024, Act 179 reformed Vermont's renewable energy standard to require electric utilities to purchase 100% renewable energy on or before January 1st, 2035, and phased out the group net metering program.	Summary Act 179	Emissions Reductions: Electricity
Act 181	Enacted in 2024, Act 181 reformed land use and housing policies to build community resilience and improve biodiversity protection.	Act 181	Rural Resilience & Adaptation: Compact Settlement, Emissions Reductions: Transportation
Act 250	Vermont's land use and development law, enacted in 1970. The law provides a public, quasi-judicial process for reviewing and managing the environmental, social and fiscal consequences of major subdivisions and developments in Vermont.	Act 250 Program	Education, Workforce, Funding & Finance: Compact Settlement, Agriculture & Ecosystems: Climate Resilient Lands,
Act 41	Act 41 of 2021 created an Agricultural Residuals Management Program to be administered by Vermont Agency of Agriculture and Food Markets	Agricultural Residuals Management Program	Agriculture & Ecosystems: Reduce Sequester

	(VAAF.M.) The purpose of this new chapter of the law is to establish a program for the management of residual wastes generated, imported to or managed on a farm for farming in Vermont.		
Act 47	The Vermont HOME Act amends the Planning & Development statute, Act 250, and other laws to enable new opportunities for housing development within state, regional, and local planning and development regulations.	Vermont HOME Act 2023, Act 47	Emissions Reductions: Buildings and Thermal
Act 49	An act relating to establishing the Agricultural Innovation Board.	Act 49	Agriculture & Ecosystems: Reduce Sequester
Act 59	An act relating to community resilience and biodiversity protection. This act establishes State goals of conserving 30 percent of the land of the State by 2030 and 50 percent by 2050.	Summary of Act 59	Agriculture & Ecosystems: Climate Resilient Lands
Act 65	Rulemaking regarding phase-down of the use of Hydrofluorocarbons in Vermont	Vermont Hydrofluorocarbons Rule	Emissions Reductions: Non-Energy
Active restoration	The use of active measures, such as hand-planting trees and shrubs and removing exotic plants and animals, in habitat restoration.	Oxford Reference	Agriculture & Ecosystems: Climate Resilient Lands
Adaptation	Reducing vulnerability and advancing resilience through planned and implemented enhancements to, or avoiding degradation of, natural and built systems and structures	10 V.S.A. § 590	Agriculture & Ecosystems: Climate Resilient Lands, Education, Workforce, Funding & Finance: Financing, Rural Resilience & Adaptation: Public Health, Rural Resilience & Adaptation: Community Capacity Planning, Agriculture & Ecosystems: Reduce Sequester,

			Agriculture & Ecosystems: Support Adaptation
Advanced Clean Cars II (ACC II)	The motor vehicle emissions regulatory program that implements LEV and ZEV rules in California, and other states including Vermont.	California Air Resources Board	Emissions Reductions: Transportation
Advanced Clean Trucks (ACT)	A rule adopted by the California Air Resources Board and part of a holistic approach to accelerate a large-scale transition of zero-emission medium- and heavy-duty Class 2b to Class 8 vehicles.	California Air Resources Board	Emissions Reductions: Transportation
AFOLU	Agriculture, Forestry and Other Land Use		Agriculture & Ecosystems: Reduce Sequester
Agricultural Innovation Board (AIB)	A 13 member board created by the Vermont Legislature tasked with evaluating the impacts of pesticides in the context of health and the environment to create a more holistic approach to state-wide pesticide management and policymaking.	Vermont Agriculture and Innovation Board	Agriculture & Ecosystems: Reduce Sequester
Agriculture-Clean Water Initiative Program (Ag-CWIP)	The Agricultural Clean Water Initiative Program (AgCWIP) from the Vermont Agency of Agriculture, Food and Markets (VAAFM) Water Quality Division provides grants to local and regional partners to work with farms to support the improvement of water quality across the state of Vermont through education and outreach, technical assistance, organizational capacity development, and conservation practice surveys.	The Agricultural Clean Water Initiative Program	Agriculture & Ecosystems: Reduce Sequester
AHJ	Authority having jurisdiction		Emissions Reductions: Buildings and Thermal
Anaerobic digester (ADs)	System in which bacteria break down organic material in the absence of oxygen and produce biogas (as well as solid and liquid end-products).	Environmental Protection Agency: How Anaerobic Digestion Works	Agriculture & Ecosystems: Reduce Sequester, Emissions Reductions: Non-

			Energy, Rural Resilience & Adaptation: Built Infrastructure
ANR	Vermont Agency of Natural Resources		Rural Resilience & Adaptation: Community Capacity Planning, Emissions Reductions: Transportation
Beneficial electrification	The growing recognition that using clean electricity to keep our homes and businesses running is cheaper, greener, and a smarter way to meet our energy needs.	Natural Resources Defense Council Definition of Beneficial Electrification	Emissions Reductions: Buildings and Thermal
Biodiversity	The variety of life in the world or in a particular habitat or ecosystem	Oxford English Dictionary	Agriculture & Ecosystems: Support Adaptation, Agriculture & Ecosystems: Climate Resilient Lands
Biofuels	A fuel derived from living matter	Oxford English Dictionary	Emissions Reductions: Transportation, Agriculture & Ecosystems: Support Adaptation
Biomass	material from trees, woody plants, or grasses, including limbs, tops, needles, leaves, and other woody parts, grown in a forest, woodland, farm, rangeland, or wildland-urban environment that is the product of forest management, land clearing, ecosystem restoration, or hazardous fuel reduction treatment	Biomass Energy Developing Working Group, Final Report, Vermont Legislative Council, January 2012	Agriculture & Ecosystems: Climate Resilient Lands
Bioplastic composites	Plastic materials produced from renewable biomass sources, such as vegetable fats and oils, corn starch, straw, woodchips, sawdust, recycled food waste		Agriculture & Ecosystems: Support Adaptation
BMP	Best Management Practice		Agriculture & Ecosystems: Reduce Sequester,

			Agriculture & Ecosystems: Support Adaptation
Business Emergency Gap Assistance Program (BEGAP)	A grant program for businesses and nonprofits that suffered physical damages from flooding events.	Vermont Agency of Commerce and Community Development Business Emergency Gap Assistance Program	Rural Resilience & Adaptation: Community Capacity & Planning
CAP	The Vermont Climate Action Plan		Emissions Reductions: Transportation, Agriculture & Ecosystems: Support Adaptation, Emissions Reductions: Buildings and Thermal
Capital Equipment Assistance Program (CEAP)	Through VAAFM, financial assistance is available for new or used innovative equipment that will aid in the reduction of surface runoff of agricultural wastes to state waters, improve water quality of state waters, reduce odors from manure application, separate phosphorus from manure, mitigate greenhouse gases, and reduce costs to farmers when they apply manure.	Vermont Agency of Agriculture Food and Markets Capital Equipment Assistance Program	Agriculture & Ecosystems: Reduce Sequester
Carbon Budget	The cumulative amount of carbon dioxide (CO2) emissions permitted over a period of time to keep within a certain temperature threshold	Carbon Track Initiative Blog: Carbon Budgets Explained	Agriculture & Ecosystems: Reduce Sequester
Carbon Intensity (CI) value	The amount of lifecycle greenhouse gas emissions per unit of energy of fuel expressed in grams of carbon dioxide equivalent per megajoule (gCO2e/MJ)	30 V.S.A. § 8123	Emissions Reductions: Buildings and Thermal, Emissions Reductions: Transportation,

Carbon sequestration	The process of capturing and storing atmospheric carbon dioxide.	United States Geological Survey Carbon Sequestration Definition	Agriculture & Ecosystems: Reduce Sequester, Agriculture & Ecosystems: Climate Resilient Lands
CBES	Commercial Building Energy Standards	Vermont Department of Public Service Commercial Building Energy Standards	Emissions Reductions: Buildings and Thermal, Rural Resilience & Adaptation: Community Capacity Planning
Cellulose insulation	Cellulose insulation is made from recycled paper products, primarily newsprint, and has a very high recycled material content, generally 82% to 85%. Cellulose insulation is used in both new and existing homes, as loose-fill in open attic installations and dense packed in building cavities such as walls and cathedral ceilings.	U.S. Department of Energy Insulation Materials	Agriculture & Ecosystems: Support Adaptation
CHIPS Act of 2022	This act provides funds to support the domestic production of semiconductors and authorizes various programs and activities of the federal science agencies. (H.R.4346 — 117th Congress (2021-2022))	Summary Chips Act of 2022	Emissions Reductions: Non-Energy
CHS	Clean Heat Standard		Emissions Reductions: Buildings and Thermal
Clean Water Initiative Performance (CWIP) Report	The Vermont Clean Water Initiative Annual Performance Report summarizes the State of Vermont's clean water efforts and demonstrates how investments are making a difference in water quality of Vermont's rivers, lakes, and wetlands.	Clean Water Initiative 2024 Performance Report Department of Environmental Conservation	Agriculture & Ecosystems: Reduce & Sequester
Climate resilience	The ability to prepare for, recover from, and adapt to climate change	Center for Climate and Energy Solutions Publication: What is	Rural Resilience & Adaptation: Public Health, Rural Resilience & Adaptation: Community Capacity Planning,

		Climate Resilience and Why Does It Matter	Agriculture & Ecosystems: Support Adaptation, Agriculture & Ecosystems: Climate Resilient Lands
Climate resilience zones	Areas defined by their respective resilience to climate change for both the natural and built environments		Agriculture & Ecosystems: Support Adaptation
Climate Smart	A community that has successfully evaluated climate information to prioritize potential impacts, developed a plan, identified funding and taken action to build resilience to those hazards.	National Oceanic and Atmospheric Administration News Release – Biden Harris Administration invests 12.7 Million to Develop Climate Smart Communities	Agriculture
Co-benefits	Actions which also seek to advance broader societal benefits such as public health, equity (specific focus on impacted communities), economic prosperity, biodiversity conservation, workforce opportunities and other benefits that improve the quality of life in Vermont broadly.	Vermont Climate Council Shared Document Definitions	Agriculture
Community-based social marketing (CBSM)	Marketing strategy that uses direct neighbor-to-neighbor communication and influence to promote behavior change. In-person communications are often complemented by electronic social media tools.	Environmental Protection Agency Climate Showcase Community Tips Sheet	Emissions Reductions: Non-Energy
Comprehensive Assessment of Soil Health (CASH)	Commonly known as the Cornell Soil Health Test, CASH is designed for farmers, gardeners, agricultural service providers, landscape managers and researchers who want to go beyond simply testing the nutrient levels of their soils. The Cornell	Cornell Soil Health Laboratory	Agriculture & Ecosystems: Climate Resilient Lands,

	Soil Health Lab was the first to offer a commercial soil health test that provides standardized information on important soil biological and physical constraints in addition to standard nutrient analyses.		
Conservation Reserve Enhancement System (CREP)	Vermont's Conservation Reserve Enhancement Program (CREP) is a voluntary program designed to reduce sediment runoff and improve water quality by removing land from agricultural production and establishing vegetative buffers.	Vermont Agency of Agriculture Food and Markets Conservation Reserve Enhancement Program	Agriculture & Ecosystems: Reduce Sequester
Cross-docking	A logistics procedure where products from a supplier or manufacturing plant are distributed directly to a customer or retail chain with marginal to no handling or storage time.	What is Cross-docking - Understanding the concept & definition	Agriculture & Ecosystems: Support Adaptation
DEC	Vermont Department of Environmental Conservation		Emissions Reductions: Non-Energy
Demand deposit accounts (DDA) payment	Allow the withdrawal of money with little or no advance notice.	Consumer Finance Protection Bureau Definition of Demand Deposit Account Payments	Emissions Reductions: Buildings and Thermal
Demand response	Programs being used by electric system planners and operators as resource options for balancing supply and demand	U.S. Department of Energy Demand Response Definition	Emissions Reductions: Buildings and Thermal
DFS	Division of Fire Safety		Emissions Reductions: Buildings and Thermal
Direct Current Fast Charging (DCFC)	Electric vehicle charging equipment which offers rapid charging along heavy-traffic corridors at installed stations.	U.S. Department of Transportation Charger Types and Speeds	Emissions Reductions: Transportation

Distributed Energy Resources (DERs)	Small, modular, energy generation and storage technologies that provide electric capacity or energy where you need it. Typically producing less than 10 megawatts (MW) of power, DER systems can usually be sized to meet your particular needs and installed on site.	U.S. National Renewable Energy Laboratory	Emissions Reductions: Electricity, Rural Resilience & Adaptation: Built Infrastructure
EAN	Energy Action Network		The Vermont Climate Economy
Ecologically Significant Treatment Area (ESTA)	lands within a parcel of managed forestland that will be managed using protective or conservation management strategies and are not required to be managed for timber, including old forests; State-significant natural communities; rare, threatened, and endangered species; riparian areas; forested wetlands; and vernal pools.	32 V.S.A. § 3752	Agriculture & Ecosystems: Climate Resilient Lands
Electric vehicle (EV)	A motor vehicle that can be powered by an electric motor drawing current from a rechargeable energy storage system, such as from storage batteries or other portable electrical energy storage devices, provided that the vehicle can draw recharge energy from a source off the vehicle such as electric vehicle supply equipment.	23 V.S.A. §4	Agriculture & Ecosystems: Climate Resilient Lands, Emissions Reductions: Transportation, Emissions Reductions: Buildings and Thermal, Emissions Reductions: Electricity, Rural Resilience & Adaptation: Compact Settlement
Electric vehicle supply equipment (EVSE)	A device or system designed and used specifically to transfer electrical energy to a plug-in electric vehicle as defined in 23 V.S.A. § 4(85), either as charge transferred via a physical or wireless connection, by loading a fully charged battery, or by other means.	30 V.S.A. § 201	Emissions Reductions: Transportation

Emergency Relief and Assistance Fund (ERAF)	Provides State funding to match Federal Public Assistance after federally-declared disasters.	Vermont Emergency Relief and Assistance Fund	Rural Resilience & Adaptation: Community Capacity & Planning
Energy Efficiency Utilities (EEUs)	The EEU Program works to provide energy efficiency services to residential and business electricity, natural gas, and thermal-energy-and-process-fuel consumers throughout Vermont.	Vermont Energy Efficiency Utility Program	Emissions Reductions: Buildings and Thermal
EPA	Environmental Protection Agency		Agriculture & Ecosystems: Reduce Sequester
F2P	Vermont Farm To Plate strategic plan		Agriculture & Ecosystems: Support Adaptation
Farm Agronomic Practice (FAP)	The Farm Agronomic Practices (FAP) Program utilizes state funding to help Vermont farms implement soil-based agronomic practices that improve soil quality, increase crop production, and reduce erosion and agricultural waste discharges. The FAP program also provides education and instructional activity grants to support outreach regarding the impacts of agricultural practices on water quality and current state agricultural water quality regulations.	Vermont Agency of Agriculture Food and Markets - Farm Agronomic Practices Program	Agriculture & Ecosystems: Reduce Sequester
FEMA	Federal Emergency Management Agency		Rural Resilience & Adaptation: Community Capacity Planning
Flood Hazard Area & River Corridor (FHARC) rule	The Flood Hazard Area and River Corridor Rule regulates development exempt from municipal regulation within designated Flood Hazard Areas and River Corridors. Development exempt from municipal regulation includes state-owned and operated institutions and facilities; accepted agricultural and silvicultural practices; and, power	Vermont Agency of Natural Resources Department of Environmental Conservation Vermont	Agriculture & Ecosystems: Climate Resilient Lands

	generation, transmission, and telecommunication facilities requiring a Certificate of Public Good from the Public Service Board	Flood Hazard Area and River Corridor Rule	
Forest fragmentation	The breaking of large, contiguous, forested areas into smaller pieces of forest; typically these pieces are separated by roads, agriculture, utility corridors, subdivisions, or other human development	Northern Woodlands Article – Forest Fragmentation	Agriculture & Ecosystems: Climate Resilient Lands, Education, Workforce, Funding & Finance: Compact Settlement
Forest Stewardship Council (FSC)	A global non-profit organization with the mission of promoting environmentally appropriate, socially beneficial, and economically viable management of the world's forests.	Forest Stewardship Council	Agriculture & Ecosystems: Reduce Sequester, Agriculture & Ecosystems: Support Adaptation
Fossil fuel	Non-renewable energy resources (including oil, coal, and natural gas) formed from the remains of prehistoric plants and animals that produces carbon dioxide when combusted as a fuel source.	U.S. Department of Energy Fossil Definition	Emissions Reductions: Buildings and Thermal, Agriculture & Ecosystems: Support Adaptation
FPR / VTFR	Vermont Department of Forests Parks and Recreation		Agriculture & Ecosystems: Reduce Sequester
Frontline and Impacted Communities	Frontline communities include people who are both highly exposed to climate risks (because of the places they live and the projected changes expected to occur in those places) and have fewer resources, capacity, safety nets, or political power to respond to those risks (e.g. these people may lack insurance or savings, inflexible jobs, low levels of influence over elected officials, etc.). Frontline communities are those that experience the “first and worst” consequences of climate change. These are often communities of color whose communities were placed in the least desirable areas of cities, often with high exposure to climate impacts like flooding. These can be low-income communities,	Vermont Climate Council Front Line and Impacted Communities Definitions	Public Engagement

	whose neighborhoods often lack basic infrastructure to support them and who will be increasingly vulnerable as the climate changes. But these are also communities of people who immigrated to the United States, including legal immigrants, refugees, and undocumented immigrants who may or may not be native English speakers.		
Global warming potential (GWP)	A metric to allow for the comparison of global warming impacts of different greenhouse gases. It is a measure of how much energy the emission of one ton of a gas will absorb over a given period of time, relative to one ton of carbon dioxide. The larger the GWP value of a gas the more potent the warming as compared to CO ₂ .	Environmental Protection Agency Understanding Global Warming Potentials	Emissions Reductions: Buildings and Thermal, Emissions Reductions: Non-Energy
Grassed Waterway and Filter Strip (GWFS)	Filter Strip: A strip or area of herbaceous, perennial vegetation located primarily between a cropland field and an adjacent surface water or ditch. Grassed Waterway: A shaped or graded channel within a field of annual crops which has a broad and shallow cross section and suitable perennial vegetation designed to convey surface water at a nonerosive velocity to a stable outlet.	Seeding and Filter Strip Program Fact Sheet	Agriculture & Ecosystems: Reduce Sequester
Greenhouse gas (GHG)	Any chemical or physical substance that is emitted into the air and that the Secretary may reasonably anticipate to cause or contribute to climate change, including carbon dioxide, methane, nitrous oxide, hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride.	10 V.S.A. § 552	Agriculture & Ecosystems: Reduce Sequester, Emissions Reductions: Transportation, Emissions Reductions: Buildings and Thermal, Emissions Reductions: Non-Energy,

			Emissions Reductions: Electricity, Education, Workforce, Funding & Finance: Compact Settlement
GWSA	The Vermont Global Warming Solutions Act of 2020	Act 153 (2020)	Agriculture & Ecosystems: Support Adaptation, Emissions Reductions: Transportation, Emissions Reductions: Buildings and Thermal, Emissions Reductions: Electricity
Habitat connectivity	the degree to which blocks of suitable habitat are connected to each other.	Vermont Fish and Wildlife Connectivity Blocks	Agriculture
Heat Pump (HP)	Heat pumps collect heat from the air, water, or ground outside a building and concentrate it for use inside.	Vermont Public Service Department Heat Pumps	Emissions Reductions: Buildings and Thermal
HVAC	Heating, Ventilation, and Air Conditioning		Education, Workforce, Funding & Finance: Workforce
IBC	International Building Code		Rural Resilience & Adaptation: Community Capacity and Planning
IECC	International Energy Conservation Code		Emissions Reductions: Buildings & Thermal
Indigenous Knowledge (IK)	A body of observations, oral and written knowledge, innovations, practices, and beliefs developed by Tribes and Indigenous Peoples through interaction and experience with the environment.	National Park Service Indigenous Knowledge and Traditional Ecological Knowledge	Agriculture & Ecosystems: Support Adaptation
IRC	Inspection, repair, and cleaning		Rural Resilience & Adaptation: Community Capacity and Planning

Just Transitions	“Just Transitions” is a way of framing for government and business action on climate change. Its work encompasses both public policies and business action to deal with the impacts of industry transition away from greenhouse gas emissions for jobs and livelihoods (the transition "out") and aims to generate the low or zero greenhouse gas emission jobs and livelihoods of a sustainable society (the transition "in").	Vermont Climate Council, Guiding Principles for a Just Transition, August 2021	Building Equity into the Climate Action Plan, Acknowledgements, Executive Summary, Agriculture & Ecosystems: Support Adaptation
Land Access and Opportunity Board (LAOB)	A board created under Section 22 of Act 182 of 2022 to promote improvements in access to woodlands, farmland, and land and home ownership for Vermonters from historically marginalized or disadvantaged communities who continue to face barriers to land and home ownership.	The Vermont Statutes Online: Land Access and Opportunity Board	Agriculture & Ecosystems: Support Adaptation
Low-Income Energy Assistance Programs (LIHEAP)	LIHEAP provides federally funded assistance to reduce the costs associated with home energy bills, energy crises, weatherization, and minor energy-related home repairs.	U.S. Department of Health and Human Services Low Income Energy Assistance Program	Emissions Reductions: Buildings & Thermal
Matrix forest	Large contiguous areas whose size and natural condition allow for the maintenance of ecological processes, viable occurrences of matrix forest communities, embedded large and small patch communities, and embedded species populations.	The Nature Conservancy	Agriculture & Ecosystems: Climate Resilient Lands
Medium and Heavy-Duty Vehicle	Medium and heavy-duty vehicles with a GVWR of more than 8,500 lbs.	Environmental Protection Agency	Emissions Reductions: Transportation

Mileage Smart	A Vermont program that provides up to \$5,000 toward the purchase of a used hybrid or electric vehicle to households at or below 80% of median income.	Mileage Smart Website	Emissions Reductions: Transportation
Mitigation	Reduction of anthropogenic greenhouse gas emissions, and preservation and enhancement of natural systems to sequester and store carbon, in order to stabilize and reduce greenhouse gases in the atmosphere.	10 V.S.A. § 590	Emissions Reductions, Cross-Cutting, Rural Resilience & Adaptation, Agriculture & Ecosystems
MMTCO2e	Million Metric Tonnes CO2 equivalent		Rural Resilience & Adaptation: Compact Settlement
MPG	Municipal planning grant		Rural Resilience & Adaptation: Compact Settlement
Municipal Vulnerability Index	As required by Act 153 (GWSA), a municipal vulnerability index shall be developed to include factors measuring a municipality's population, average age, employment, and grand list trends; active public and civic organizations; and distance from emergency services and shelter.	Act 153	Rural Resilience & Adaptation: Built Infrastructure
MWh	Mega-watt hour		The Vermont Climate Economy
N2O	Nitrous oxide		Non-Energy
Natural and Working Lands	Pursuant to Vermont's membership in the U.S. Climate Alliance, "Natural and Working Lands" mean forests, farms and ranches, grasslands, wetlands, and urban greenspace – in effect, all lands that store carbon in biomass and soils.	2022 U.S. Climate Alliance State Guide to Enhance the Sector's contribution to State and National climate goals	Rural Resilience & Adaptation, Agriculture & Ecosystems
Nature-based Solutions (NbS)	Actions to protect, sustainably manage, and restore natural and modified ecosystems that address societal challenges effectively and adaptively, simultaneously providing human well-being and biodiversity benefits.		Agriculture & Ecosystems: Climate Resilient Lands

Neighborhood Development Area (NDAs)	Neighborhood Development Area designation encourages municipalities and/or developers to plan for new and infill housing in the area within walking distance of its designated downtown, village center, new town center, or within its designated growth center and incentivizes needed housing, further supporting the commercial establishments in the designated centers.	Vermont Agency of Commerce and Community Development Neighborhood Development Areas	Agriculture & Ecosystems: Climate Resilient Lands, Rural Resilience & Adaptation: Compact Settlement
Non-Energy Emissions	Greenhouse gas emissions that are not associated with the combustion of a fuel source.		Non-Energy
NRCS	Natural Resource Conservation Service		Agriculture & Ecosystems: Reduce & Sequester, Support Adaptation
NYCI	New York Cap and Invest		Emissions Reductions: Transportation, Buildings & Thermal
OPR	Office of Professional Regulation		Emissions Reductions: Buildings & Thermal
Pasture and Surface Water Fencing (PSWF) program	The Pasture and Surface Water Fencing (PSWF) Program provides pasture management technical assistance and financial assistance to Vermont farmers to improve water quality and on-farm livestock exclusion from surface waters statewide.	Agency of Agriculture Food and Markets Pasture and Surface Water Fencing Program	Agriculture & Ecosystems: Reduce & Sequester
Payment for Ecosystems Services (PES)	Quantifiable and verifiable framework to credit and compensate for the benefits of stewardship that produces numerous ecosystem goods and services.		Agriculture & Ecosystems: Reduce & Sequester
Phase II GHG Rule	A rule adopted by the California Air Resources Board that improves on engine and vehicle efficiency required by the Phase 1 emission	California Air Resources Board	Climate Action Plan Progress

	standards and represents a significant opportunity to achieve further GHG reductions for 2018 (2020 in California) and later model year heavy-duty vehicles, including trailers.		
PSD	Vermont Public Service Department		Emissions Reductions: Buildings & Thermal
PUC	The Vermont Public Utilities Commission		Emissions Reductions: Transportation, Electricity, Agriculture & Ecosystems: Reduce Sequester, Climate Resilient Lands
RBES	Residential Building Energy Standards		Emissions Reductions: Buildings & Thermal, Rural Resilience & Adaptation: Community Capacity & Planning
RCI	Residential, Commercial, and Industrial		Emissions Reductions: Buildings & Thermal
Renewable energy	Energy produced using a technology that relies on a resource that is being consumed at a harvest rate at or below its natural regeneration rate.	30 V.S.A. §8002	Emissions Reductions: Electricity, Agriculture & Ecosystems: Support Adaptation, Reduce Sequester, Climate Resilient Lands
Renewable Energy Standard (RES)	The Vermont Renewable Energy Standard requires retail electricity providers to not sell or otherwise provide or offer to sell or provide electricity in the State of Vermont without ownership of sufficient energy produced by renewable energy plants or sufficient tradeable renewable energy credits from plants whose energy is capable of delivery in New England that reflect the required amounts of renewable energy set forth in section 8005 of this	30 V.S.A. §8004-8005	Agriculture & Ecosystems: Reduce & Sequester, Emissions Reductions: Electricity

	title or without support of energy transformation projects.		
Resilience	The capacity of individuals, communities, and natural and built systems to withstand and recover from climatic events, trends, and disruptions.	10 V.S.A. § 590	Emissions Reductions: Buildings & Thermal, Rural Resilience & Adaptation: Public Health, Community Capacity & Planning, Built Infrastructure, Agriculture & Ecosystems: Support Adaptation
RFP	Request for Proposals		Agriculture & Ecosystems: Reduce & Sequester, Support Adaptation
Riparian	An area between aquatic (water) and terrestrial (land) ecosystems.	Oxford English Dictionary	Agriculture & Ecosystems: Reduce & Sequester, Support Adaptation, Climate Resilient Lands
RMP	Refrigerant Management Plan		Emissions Reductions: Buildings & Thermal, Non-Energy
RPC	Regional Planning Commission		Rural Resilience & Adaptation: Community Capacity Planning
Rural Communities	Any population, housing or territory not in an urban area.	United States Census Bureau	Emissions Reductions: Transportation, Rural Resilience & Adaptation: Compact Settlement
Sequestration of carbon	Also "carbon sequestration", the process by which atmospheric carbon dioxide is taken up by trees, grasses, and other plants through photosynthesis and stored as carbon in biomass (trunks, branches, foliage, and roots) and soils. The sink of carbon sequestration in forests and wood products helps to offset sources of carbon dioxide to the	United States Department of Agriculture Forest Service Carbon Sequestration	Agriculture & Ecosystems: Reduce & Sequester, Climate Resilient Lands

	atmosphere, such as deforestation, forest fires, and fossil fuel emissions.		
Sewer Performance Assessment (SPAs)	Evaluates the system to prevent surfacing of sewage and the creation of a health hazard; prevent the pollution and contamination of drinking water supplies, groundwater, and surface water; and maintain sanitary and healthful conditions during operation.	24 V.S.A. § 3631	Rural Resilience & Adaptation: Built Infrastructure
SOV	Single Occupancy Vehicle		Emissions Reductions: Transportation
Sustainable Forestry Initiative (SFI)	A comprehensive program of forestry and conservation practices which consists of forest principles that spell out five broad elements of sustainable forestry and 12 implementation guidelines that translate the principles into action by providing forest managers with the means to achieve sustainable forestry.	The Sustainable Forestry Initiative of the American Forest & Paper Association	Agriculture & Ecosystems: Reduce & Sequester
TA	Technical assistance		Rural Resilience & Adaptation: Compact Settlement, Public Health, Community Capacity & Planning, Agriculture & Ecosystems: Reduce Sequester, Support Adaptation, Climate Resilient Lands
Traditional Ecological Knowledge (TEK)	A cumulative body of knowledge, practice, and belief, evolving by adaptive processes and handed down through generations by cultural transmission, about the relationship of living beings (including humans) with one another and with their environment.		Agriculture & Ecosystems: Support Adaptation, Climate Resilient Lands

Transportation Bill (T-Bill)	Legislation, typically annual, that relates generally to the Transportation Program in Vermont and miscellaneous changes to laws related to transportation.	Act 55 (2021)	Emissions Reductions: Transportation
USDA	United States Department of Agriculture		Agriculture & Ecosystems: Reduce & Sequester, Support Adaptation
UVA	Use Value and Appraisal Program at the Vermont Department of Taxes	Vermont Agency of Natural Resources, Department of Forest Parks and Recreation Use Value Appraisal	Agriculture & Ecosystems: Climate Resilient Lands
VAAF	Vermont Agency of Agriculture Food and Markets		Agriculture & Ecosystems: Reduce & sequester, Climate Resilient Lands
VDOL	Vermont Department of Labor		Cross-Cutting: Workforce Development
VEIC	Vermont Energy Investment Corporation		Cross-Sector Mitigation: Non-Energy
VELCO	Vermont Electric Power Company		Emissions Reductions: Transportation
VEM	Vermont Emergency Management		Rural Resilient & Adaptation: Compact Settlement
Vermont Farmer Ecosystem Stewardship Program (VFESP)	A State incentive program that provides one-time payments to farmers for enrolling in federal programs.	Vermont Farmers Ecosystem Stewardship Program	Agriculture & Ecosystems: Reduce & Sequester

Vermont Greenhouse Gas Emissions Inventory	An annual report published by the Vermont Agency of Natural Resources containing estimates of anthropogenic greenhouse gas emissions by sector with historic estimates back to 1990 to allow for tracking of emissions by sector through time.		Scientific Underpinning of Emissions Reductions, Climate Action Plan Progress
Vermont Pay for Phosphorus (VPFP) program	Provides performance-based payments to farmers for reductions of phosphorus (P) losses from their fields. Reductions represent how farm management has improved from the management assumed in the Lake Champlain Basin Total Maximum Daily Load (LCB TMDL).	Vermont Pay for Phosphorus Program	Agriculture & Ecosystems: Reduce & Sequester
Vermont State Climate Office	The Vermont State Climate Office exists due to an Memorandum of Understanding between the UVM Provost's Office, the NOAA National Centers for Environmental Information, the National Weather Service and American Association of State Climatologists. State Climate Offices are credentialed by the federal government through NOAA to provide research, information and outreach to the people of their state and region.		Climate and Climate Change
VES	Vehicle Emissions Standards		Emissions Reductions: Transportation
VGS	Vermont Gas Systems		
VHCB	Vermont Housing and Conservation Board		Rural Resilient & Adaptation: Community Capacity & Planning, Agriculture & Ecosystems: Climate Resilient Lands
VMT	Vehicle Miles Traveled		Emissions Reductions: Transportation

VTrans	Vermont Agency of Transportation		Emissions Reductions: Transportation
Vulnerability	The inability to withstand the effects of a hostile environment.		Rural Resilience & Adaptation: Built Infrastructure, Community Capacity & Planning
WCI	Western Climate Initiative		Emissions Reductions: Buildings & Thermal
Weatherization (WX)	The installation of energy-efficient measures to improve the building envelope, its heating and cooling systems, its electrical system, and reduce electricity and/or fuel consumption		Emissions Reductions: Buildings & Thermal, Education, Workforce, Funding & Finance: Workforce, Financing, Rural Resilience & Adaptation: Community, Capacity & Planning
Wetlands	Vermont's wetlands are defined as those areas of the state that are inundated by surface or ground water with a frequency sufficient to support plants and animals that depend on saturated or seasonally saturated soil conditions for growth and reproduction.	Agency of Natural Resources Department of Environmental Conservation What is a Wetland?	Agriculture
Working Lands Enterprise Initiative (WLEI)	A State initiative which makes strategic investments and develop policy that support a resilient and sustainable farm, food, and forest economy in Vermont.	6 V.S.A. § 4604	Agriculture & Ecosystems: Support Adaptation
WWTF	Wastewater treatment facility		Emissions Reductions: Non-Energy