

VCC Resilience and Adaption Sub-Committee Scope of Work

OUTCOMES

1. Prioritized recommendations for changes to programs or policy modifications based on identified gaps to increase municipal resiliency and enhance GHG emissions reductions for incorporation into the Climate Action Plan.
2. Recommendations on strategies to reduce GHG emissions from, fortify critical infrastructure in, and increase energy resilience for rural communities for incorporation into the Climate Action Plan, with attention to marginalized and the most vulnerable communities.
3. A vulnerability index tool and a complete vulnerability assessment of each municipality in Vermont will support implementation of the Climate Action Plan
4. Municipal and accessible assessment tools will support community actions in preparedness and resiliency.
5. Through expanded use of the CARE program, vulnerable residents are known to local and State emergency responders and utilities.
6. Vermont Emergency Management Report published biennially which will be available to the public.

<u>Priorities</u>	<u>Objective</u>	<u>Strategy</u>	<u>Lead Members</u>	<u>Support Members</u>	<u>Outside SC or Tech Support</u>	<u>Engage Needed</u>	<u>Start</u>	<u>End</u>
	<i>Identify and plan stakeholder Engagement</i>	<i>Cross-Cutting Activity</i>			<i>Just Transitions + SE Consultant</i>			
Priority 1: <i>Inventory & research of what is</i>	1. Review existing planning, programs, strategies, and initiatives	1B. Reach out, review & update Inventory of Adaptation/ Resilience Activities for the GWSA spreadsheet to include any additional state and local programs strategies and initiatives.	Joe Segale, Stephanie Smith	Mike Burke , Anne Margolis	None		4-1	5-30

		1C. Review existing programs for structural or other inequities or access issues where more vulnerable populations' needs may not be being met.	Joe Segale, Stephanie Smith	Just Transition Member?	None		4-1	5-30
		1D. Identify threats and hazards that impact overall resilience as a baseline and rank in terms of severity, timeframe & other factors	Marian Wolz		None		4-15	5-30
		1E. Identify which programs and activities have or could have a co-benefit of reducing GHG emissions	Joe Segale, Stephanie Smith	Anne Margolis	None		4-1	5-30
Priority 2: <i>Develop Best Practices Recommendations</i>	1.Enhance existing programs for better practice	1F. Identify and prioritize program or policy gaps, opportunities for new programs/policies, and program or policy modifications needed to enhance GHG emissions reductions and resiliency	Joe Segale, Stephanie Smith		None	X	6-1	7-15
	2.Develop best practices for reducing municipal fossil fuel consumption	2B. Evaluate availability of municipal fossil fuel consumption data and develop recommendations as necessary to obtain it	Dave Snedeker and Ann Lawless		Science and Data SC		4-1	6-15
		2C. Refine cross sector mitigation recommendations on reducing GHG emissions for rural communities.	Dave Snedeker and Ann Lawless		Cross-Sector Mitigation SC	X	6-1	7-31
	2. Develop recommendations for fortifying critical transportation,	2D. Develop baseline critical infrastructure definition for existing state and FEMA resources. Review	VEM & Ben Rose and Stephanie Smith	Joe Segale, Mike Burke, Anne	Marian Wolz		4-1	6-15

Deleted: VEM

Deleted: None

Deleted: best practices

	electricity, and community infrastructure	existing recommendations for fortifying critical infrastructure		Margolis, Garry Holloway				
		2E. Develop best practice recommendations for critical infrastructure	Marian Wolz		None	X	6-1	7-31
	2.Develop best practices for creating a distributed, redundant, storage-supported local electrical system	2F.Evaluate challenges to rural energy resilience and develop recommendations for system needs and gaps	Mike Burke and Anne Margolis	Chad Farrell	Data & Science SC & Cross-Sector Mitigation SC		4-1	6-15
		2G. Refine recommendations of the cross-sector mitigation committee and findings of statewide reports to provide avenues for rural communities to increase resilience in electrical infrastructure.	Mike Burke and Anne Margolis	Chad Farrell	Data & Science SC & Cross-Sector Mitigation SC	X	6-1	7-31
Priority 3: <i>Develop Municipal Vulnerability Index</i>	3. Develop a “municipal vulnerability index” to identify those communities or parts of communities that may be most adversely affected by climate change.	3B. Research available climate change vulnerability index methods (GMP/DPS, VERI, ERAF) factors and data used to calculate indices, and tools including tools outside of Vermont, including tools focused on environmental justice, diversity and equity	Erica Borneman, Catherine Dimitruk, Karen Horn		Consultant needed		6-1	10-31
		3C. Define the framework, factors and method used to calculate the	Erica Borneman,		Consultant needed		6-1	10-31

Deleted: Ben Rose and Stephanie Smith

Deleted: None

Deleted: None

		municipal Vulnerability Index for VT based on the research.	Catherine Dimitruk, Karen Horn					
		3D. Calculate the municipal VI for all VT municipalities and develop a strategy to address guidance for municipalities and decision-makers to use the vulnerability assessment.	Erica Borneman, Catherine Dimitruk, Karen Horn		Consultant needed	X	6-1	10-31
		3E. Re-evaluate the strategies developed in Objective 2 if necessary, to ensure the needs of highly vulnerability municipalities and highly vulnerable areas within municipalities are adequately addressed	Erica Borneman, Catherine Dimitruk, Karen Horn		Consultant needed		6-1	10-31
		3F. Develop recommendations on how the index will be used in the Climate Action Plan, state and local policy and programs.	Erica Borneman, Catherine Dimitruk, Karen Horn		None	X	6-1	10-31
Priority 4: <i>Develop Municipal Tools</i>	4. Recommend accessible tools for municipalities to efficiently assess their climate emergency preparedness, consider land use changes that reduce vulnerabilities.	4B. Further define and confirm the purpose and requirements of the tool(s)	Erica Borneman, Catherine Dimitruk, Karen Horn		Consultant needed		7-1	10-31
		4C. Research and evaluate the relevance and applicability of			Consultant needed		7-1	10-31

Deleted: None

Formatted: Font: 11 pt

Deleted: None

		existing data and tools including the municipal vulnerability index relative to the requirements defined in Strategy A						
		4D. Recommend an available tool or series of tools with modifications if necessary. The tool must be usable by diverse and under-resourced communities			Consultant needed	X	7-1	10-31
Priority 5: <i>Secure Vulnerable Populations Info</i>	5. Recommend a means of securely sharing self-identified vulnerable residents' information with State and local emergency responders and utilities	5A. Inventory methods used by other jurisdictions to inform the CARE program.	VEM		Just Transitions		7-1	10-31
		5B. Develop recommendations for modifications to the CARE program including an outreach and educational strategy and funding needs	VEM			X	7-1	10-31
Priority 6: <i>VEM Reports</i>	5. Utilize Vermont Emergency Management biennial reports to	6A. VEM will assess Local Emergency Management Plans, Local Hazard Mitigation Plans and other relevant data to produce a biennial report on plan completion	VEM		None		1-22	

	recommend changes							
		6B. Sub-committee will review reports on an annual basis for implication on policy recommendations	VEM		None		1-22	