

# Climate Smart Future Ready: Focus Areas, Strategies, Actions, and Tactics

## Strategy Objectives

- Improve air quality and human health by reducing greenhouse gas emissions and use of non-renewable natural resources.
- Increase community resiliency and ability to adapt to changing climate conditions.
- Improve equity and quality of life for residents and ecosystems in Larimer County and beyond.

## Strategy Development & Prioritization Guidelines

- Meets strategy objectives.
- Supported by data.
- Fills a gap in existing resources and efforts.
- Community willingness to implement.
- Creates economic benefit.

## Interconnection Between Strategies

Given the inherent interconnectedness of the focus areas and strategies, seek to identify unifying solutions that address multiple goals simultaneously.

# Overarching Implementation Actions

| Strategies  | Actions/Champions   | Tactics   |
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| <b>Interconnection Between Strategies</b>   |   |   |
| <p><b>S1. Identify unifying solutions that address multiple goals simultaneously.</b></p> | <p>I1. Conduct a policy and existing plan review and partner regionally to connect CSFR actions, especially those with an equity focus, with federal funding, state funding and plans, and local actions./<br/><b>County Climate and Sustainability &amp; CSU Climate Initiative</b></p>  | <p>I1.1 Maintain and keep current an existing regional plan inventory that establishes synergies between partner programs and CSFR actions.<br/>I1.2 Coordinate scopes of work and funding requests with CSFR plan action champions.<br/>I1.3 Integrate equity toolkit utilization into and across actions and seek implementation of EnviroScreen or like tools to provide guidance to champions, focus area teams, and community collaborators.<br/>I1.4 Establish a process for Action Champions to identify resource needs, action and tactic updates, and overall interconnection planning among actions. Create a list of resources for Action Champions that summarizes CSFR community engagement findings, data related to equity considerations and outcomes, results from community surveys, and inclusive language guide.<br/>I1.5 Identify, prioritize, and secure funds and coordinate work across entities that support the strategies and actions identified in this plan.</p>   |
|   | <p>I2. Evaluate and calibrate land use plans, capital improvement plans, and other guiding plans to align goals and priorities related to: greenhouse gas emissions, growth management, wildlife corridors, water, air quality, affordable housing, public health, transportation, and community resilience and risk./<b>County Community Development</b></p> | <p>I2.1 Recalibrate zoning to match the future land use patterns specified in the Larimer County Comprehensive Plan (implementation of NR-Natural Resource, FO-Forestry, and A-Agriculture zone districts). [Legislative Rezone Project] <b>CSFR PHASE 2 RECOMMENDATION</b><br/>I2.2 Partner with municipalities to establish and refine intergovernmental agreements related to annexation, growth management and development policy within urban growth areas. [Potential alignment with goals related to affordable housing, resource protection, and flood/fire hazard mitigation] <b>CSFR PHASE 2 RECOMMENDATION</b><br/>I2.3 Explore the potential for Transfer of Density Unit programs in partnership with local municipalities and rural communities. [Potential alignment with goals related to affordable housing, resource protection, and flood/fire hazard mitigation] <b>CSFR PHASE 2 RECOMMENDATION</b><br/>I2.4 Convene a regional group, including all municipalities, to explore countywide land use patterns, growth management strategy, and housing policy, in order to bring visibility and shared understanding of the overall system/bigger picture.<br/>I2.5 Revise policies to create more diverse and affordable housing options.</p> |



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|   | <p>I3. Advocate for public policy and legislation that supports the achievement of initiatives outlined in this plan./ <b>County Legislative Affairs</b></p>   | <p>I3.1 Actively engage with organizations advocating for climate and sustainability legislation at the state level (e.g., CCAT and CC4CA).<br/> I3.2 Monitor and analyze legislation that either contributes to the initiatives in this plan, or runs counter to them.<br/> I3.3 Formulate and implement plans for county activism around identified legislation by engaging county staff and leadership.<br/> I3.4 Seek out State support and incentives for land use decisions by local governments that reduce vehicle miles traveled, reduce GHG and other pollutants, and support greater access to housing near jobs as well as expand public transit.<br/> I3.5 Engage legislators on CSFR strategies and actions.</p>  |
| <p><b>S2. Share and receive information with the Larimer County community of the climate-related health risks and solutions that support the implementation of this work. CSFR PHASE 2 RECOMMENDATION</b></p> | <p>I4. Convene a robust network of connected entities (government, community, businesses, policy, etc.) to share information that highlights the connections between actions in this plan and realized impacts to our community on a daily basis. /<b>Larimer County Health Department</b></p> | <p>I4.1 Implement behavior change campaigns and collaborate to use similar branding/materials across the community.<br/> I4.2 Address climate mental health through a series of youth, professional, and older adult focus groups that can co-develop messaging and work through solutions that benefit the community support needed to address our changing climate.<br/> I4.3 Inform, collaborate, and repair, develop, and maintain trust for historically marginalized groups on comprehensive responses to natural disasters and changing climate conditions.<br/> I4.4 Create data dashboards and infographics and video/ multimedia plan reporting.<br/> I4.5 Coordinate climate impact communications and planning across the County by developing an extreme heat plan and communicating air quality impacts. <b>CSFR PHASE 2 RECOMMENDATION</b></p> |



# Built Environment, Circular Economy, and Businesses and Jobs

| Energy in the Built Environment  |  |  |
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| Strategies   | Actions  | Tactics  |
| S3. Advance energy efficiency and electrification of new and existing buildings. | E1. Convene a regional group, including all municipalities, to update building codes to encourage energy efficiency, indoor air quality and healthy home standards./ <b>County Planning &amp; Building CSFR PHASE 1 &amp; 2 RECOMMENDATION</b> | E1.1 Ensure future adopted codes address and allow for battery storage, demand side management, vehicle-to-grid integration, and the development of resilient microgrids.<br>E1.2 Identify key building codes stakeholders and establish regular meetings to develop consensus around goals and approaches to code language and incentives.  |
|  | E2. Provide education, training, and incentives that reduce the upfront cost for property owners who weatherize and electrify their businesses and homes./ <b>Carbon Neutral Group; County Economic and Workforce Development</b>              | E2.1 Develop and publicize local case studies and pilot projects to illustrate a proof of concept for energy efficiency and electrification in different residential and commercial building types.<br><b>CSFR PHASE 2 RECOMMENDATION</b><br>E2.2 Engage General Contractors, HVAC contractors and installers in education, training, and incentives. <b>CSFR PHASE 1 &amp; 2 RECOMMENDATION</b><br>E2.3 Develop a program to provide scholarships and financial support for individuals who participate in training (FRCC model).<br>E2.4 Conduct a gap assessment of existing programs and services available for Efficiency Works, Xcel, etc. Determine what is missing and where collaboration between utilities may be possible.<br>E2.5 Develop specific targeted programs to address gaps identified in the gap assessment.<br>E2.6 Develop creative funding resources such as utility rebates for electrical panel upgrades for property owners who electrify their buildings/homes (e.g. Efficiency Works offers a bundled incentive for HVAC and panel upgrade).<br>E2.7 Work with regional partners to support and develop incentives for homes and businesses to implement resilient microgrids, vehicle-to-grid integration, demand side management, and battery storage.<br>E2.8 Fund and implement Navigators technical assistance programs to support residential and commercial property owners in reducing GHG emissions. Programs will provide guidance, resources, and support to understand building requirements, conduct benchmarking assessments, implement efficiency projects, and identify/provide funding and incentives for |



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|   |   | building improvements.   |
| <b>S4. Advance renewable energy and grid resilience across the County.</b>                          | E3. Support renewable energy installations and electric grid expansion to accommodate building and transportation electrification in a geographically equitable manner. /City of Fort Collins Sustainability Program; and co-Champion, City of Loveland | E3.1 Encourage renewable energy adoption and local scale renewable energy production, including agrovoltaics. Provide information to landowners to increase renewable energy production on buildings, including on farms and farm buildings.<br>E3.2 Improve grid reliability and resilience and/or grid infrastructure, especially in equity-priority communities.<br>E3.3 Modernize energy infrastructure to strengthen grid reliability, enhance resilience (community-based and otherwise), improve transmission, and more fully integrate renewable energy, distributed generation, and energy storage resources. (Collaborate with CC4CA)<br>E3.4 Remove barriers and promote opportunities that allow counties and municipalities to maximize deployment of local clean energy and climate-related strategies, including resilience-oriented strategies, while promoting affordable, accessible, and equitable delivery of reliable clean energy.<br>E3.5 Develop a coalition of local government, public sector entities, and energy providers to advance renewable energy and storage solutions. Work across this collaborative to develop renewable energy projects that work equitably with local markets.<br>E3.6 Complete an analysis of renewable energy and energy storage opportunities and costs/benefits/impacts for the Larimer County community while increasing consumer demand for renewable energy and advocate for additional renewable energy requirements. |
| <b>Circular Economy</b>   |   |  |
| <b>S5. Expand the regional capacity to accept and process compostable and recyclable materials.</b> | CE1. Require or incentivize the diversion of materials from the landfill, including construction and demolition (C&D) waste./<br><b>County Solid Waste</b>  | CE1.1 Develop waste diversion from landfill goals and timeline.<br>CE1.2 Build the infrastructure required to recycle, reuse, and divert waste to achieve waste diversion from the landfill goals, including battery repurposing and recycling and food waste composting. <b>CSFR PHASE 2 RECOMMENDATION</b><br>CE1.3 Adopt a <a href="#">hauler ordinance</a> that requires haulers to offer residential recycling and composting services alongside trash services, and requires reporting on waste data.<br>CE1.4 Conduct assessment of municipal building codes related to diversion of C&D waste.<br>CE1.5 Develop policies to streamline the collection of waste and diverted materials across the community.<br>CE1.6 Decrease the quantity of construction and demolition (C&D) materials sent to landfill.  |
|   | CE2. Coordinate with State  | CE2.1 Advocate for policy changes to require construction and demolition (C&D) waste   |



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| <p><b>S6. Promote, expand, and create end markets for regional materials.</b></p> | <p>entities and others to understand and promote processing capabilities and end markets for waste materials./<br/><b>County Solid Waste</b></p>  | <p>diversion for new construction and major renovations.<br/>CE2.2 Work with regulatory stakeholders to develop and clearly communicate timelines for any waste diversion rules that may impact new construction.</p>   |
|   | <p>CE3. Facilitate collaboration among existing companies/organizations focused on repairing, reusing, and reselling goods and incentivize development of new companies/organizations to engage in this work./<b>County Solid Waste &amp; County Economic and Workforce Development</b></p> | <p>CE3.1 Identify materials with potential for re-use, such as wood waste, e.g. - several different types - green (yard); construction = clean, treated, painted.<br/>CE3.2 Develop partners to accept those materials.<br/>CE3.3 Identify a state-level champion for policy.<br/>CE3.4 Continue data collection over a five-year period - look at case studies (Washington, e.g.).<br/>CE3.5 Support and connect with agricultural producers to develop or identify uses/preferences for organic materials for compost and create systems for distribution and use. <b>CSFR PHASE 2 RECOMMENDATION</b><br/>CE3.6 Explore the utilization of local wood waste and biomass. <b>CSFR PHASE 2 RECOMMENDATION</b></p> |

**Businesses and Jobs**

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| <p><b>S7. Support the development of businesses that are focused on enhancing sustainability in their operations or products/services.</b></p> | <p>B1. Expand outreach efforts and support the growth of the reimagined Northern Colorado Sustainable Business Program./<b>County Economic and Workforce Development ; City of Fort Collins Sustainability Department CSFR PHASE 2 RECOMMENDATION</b></p> | <p>B1.1 Establish funding for County Contribution to expand the SBP and determine existing incentives.<br/>B1.2 Deepening connections and relationships between different Countywide power providers and municipal programs.<br/>B1.3 Explore connections between emerging business development opportunities and workforce development, coordinating with Action E2 and including agricultural producers (A1).<br/>B1.4 Conduct direct outreach to property owners and businesses, including site visits, etc. to promote SBP.<br/>B1.5 Work with Larimer County to develop pilot programs to support market transformation.<br/>B1.6 Provide support for carbon-intensive industries and their workforce as they transition into new operations and/or products and services that are less carbon-intensive.</p> |
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| <p><b>S8. Enhance workforce development for regional jobs in sustainability with an emphasis on supporting just transitions.</b></p> | <p>B3. Collaborate with high schools, vocational trade schools, universities, recruitment agencies, and workforce centers to increase funding and access to local sustainable career opportunities in the construction trades, conservation fields, and beyond./County Economic and Workforce Development; City of Fort Collins Economic Development</p> | <p>B3.1 Increase funding and access to programs that recruit people into restoration, conservation, and agricultural jobs; provide hands-on workforce training and paid apprenticeships.<br/>         B3.2 Collaborate on a coordinated regional approach to and investment in economic and workforce development that evolves with the needs of the diverse workforce and changing economy. Immediate needs include the transit and wildfire workforce. <b>CSFR PHASE 2 RECOMMENDATION</b><br/>         B3.3 Increase share of industry mix to include more renewable energy, energy efficiency and greenhouse gas reduction firms in the region. <b>CSFR PHASE 2 RECOMMENDATION</b><br/>         B3.4 Collaborate with the Colorado Office of Just Transition and the American Climate Corps Program to facilitate a just energy and economic transition and connect workers with sustainable, good-paying jobs.</p> |
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## Mobility of People, Goods, and Services

| Sustainable Transportation Systems   |   |   |
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| Strategies   | Actions   | Tactics   |
| <p><b>S9. Accelerate infrastructure and adoption of electric vehicles and e-bikes.</b></p> | <p>ST1. Enhance infrastructure for electric mobility options including cars, scooters and e-bikes by reducing barriers and exploring incentives and education to support adoption./Drive Clean Colorado</p> | <p>ST1.1 Support the implementation of the LarCo EVCS Plan.<br/>           ST1.2 Develop a plan that breaks up tactics for workplace charging, at home charging, and community-wide charging and supports the transition of the County and other jurisdictions' fleet to EVs, as well as organizations and businesses throughout the County. Include assistance for and guidance on installing EV charging stations in the Navigators program.<br/>           ST1.3 Outline options for infrastructural enhancements (incentives, policy, building codes) to EV and e-bike charging.<br/>           ST1.4 Develop a community outreach plan to involve the community and address community concerns and misconceptions around EVs.<br/>           ST1.5 Align with federal, statewide, and utility EV goals and promote their programs for EVs and e-bikes.<br/>           ST1.6 Develop equity-centered programming by engaging community-based organizations and disproportionately impacted community members in program design and implementation and increasing investment in these communities.</p> |



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|   |  | ST1.7 Work proactively to support a broad and resilient zero emissions vehicle workforce that ensures transportation system safety and reliability, while offering job opportunities to all Coloradans.  |
| <b>Improving Connectivity Across the County</b>         |  |  |
| <b>S10. Enhance and expand regional transportation.</b> | IC1. Ensure equitable access to amenities and resources across and within Larimer County communities to reduce the need for vehicle miles traveled and improve cross-boundary collaboration./ <b>NFRMPO CSFR PHASE 2 RECOMMENDATION</b>      | IC1.1 Assess needs and potential locations for resilience hubs, in conjunction with efforts to expand food access for equity priority communities (A3).<br>IC1.2 Align regional transportation plans to work toward 15-minute communities that connect elder populations with healthcare facilities via transit and/or paratransit.  |
|   | IC2. Convene a coalition to address areas in Larimer County that need additional research, planning, funding, and support to improve transit services, and improve cross-boundary collaboration. / <b>NFRMPO CSFR PHASE 2 RECOMMENDATION</b> | IC2.1 Engage urban and rural communities to identify the specific solutions that meet the needs of those different communities.<br>IC2.2 Review regional plans and conduct a study to investigate gaps in transportation needs to rural centers in the county.<br>IC2.3 Increase funding and policy incentives for multimodal transportation and mobility options, based on efficient use of resources.<br>IC2.4 Increase on-demand micro-mobility programs.<br>IC2.5 Coordinate regionally to develop a ArcGIS (or similar) map of all ongoing projects that is updated as items are implemented.<br>IC2.6 Work regionally to integrate public transit and active transportation access to regional recreation amenities and expand equitable, sustainable access to recreational amenities (parks, regional trails, rec centers, public lands, ski areas).<br>IC2.7 Align regional transportation plans to work toward 15-minute communities that connect elder populations with healthcare facilities via transit and/or paratransit. |



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| <p><b>S11. Expand non-motorized and active transportation infrastructure.</b></p> | <p>IC3. Improve maintenance, connectivity, safety, and accessibility of existing and new biking and walking infrastructure with special attention to safety./<b>NFRMPO CSFR PHASE 1 &amp; 2 RECOMMENDATION</b></p> | <p>IC3.1 Conduct a community assessment of transportation barriers.<br/> IC3.2 Update County Transportation Master Plan to include TDM techniques and align with the NFRMPO Active Transportation Plan.<br/> IC3.3 Identify “quick win” projects that can be quickly deployed when funding is made available.<br/> IC3.4 Develop metrics such as increasing miles of regional paved trails to track progress.</p> |
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# Natural Environment, Water, and Agriculture

| Natural Environment  |   |  |
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| Strategies   | Actions   | Tactics  |
| <p><b>S12. Expand, protect, and improve critical regional wildlife habitats, corridors, and ecosystems.</b><br/><b>CSFR PHASE 2 RECOMMENDATION</b></p> | <p>NE1. Create and/or increase incentives and education for private landowners to implement local climate-resilient and ecologically adaptive restoration projects./ <b>Larimer Conservation District</b></p> | <p>NE1.1 Review and outline updates to the Countywide Community Wildfire Protection Plan, as well as local area plans, where needed.<br/>NE1.2 Review current restoration projects and use data to prioritize locations for future projects across the County.<br/>NE1.3 Convene land conservation partners and coordinate across jurisdictions to conserve lands and enhance habitat and ecosystem connectivity, including via wildlife crossings or corridors. <b>CSFR PHASE 2 RECOMMENDATION</b><br/>NE1.4 Establish funding streams and secure conservation funding.<br/>NE1.5 Ensure private landowners are educated and aware of native, locally adapted species for landscaping.<br/>NE1.6 Develop an outreach plan to inclusively engage communities in habitat conservation and restoration and promote habitat protections and enhancements on lands outside of protected areas.<br/>NE1.7 Develop a Land Management Plan.</p> |
|  | <p>NE2. Coordinate across jurisdictions to conserve lands to enhance ecological connectivity and improve community ecosystem services./ <b>County Department of Natural Resources</b></p>                     | <p>NE2.1 Collaborate with other land conservation entities, and inclusively engage the public, to identify priorities for land conservation and formally conserve lands by fee or CE purchase.<br/>NE2.2 Monitor and support legislation that provides additional funding through tax credits or other sources to support land conservation, restoration and management.<br/>NE2.3 Monitor and support legislation that provides additional funding through tax credits or other sources to support land conservation, restoration and management.<br/>NE2.4 Continue to focus and expand current efforts to provide opportunities for equity-priority populations to access public lands.<br/>Daylan Figgs &amp; Meegan Flenniken, Larimer County Department of Natural Resources</p>   |
|  | <p>NE3. Enhance and expand existing efforts living with fire through responsible fire management practices (e.g.</p>  | <p>NE3.1 Increase capacity of the Wildfire Partners Program.</p> <ul style="list-style-type: none"> <li>Conduct a comprehensive assessment of the existing Wildfire Partners Program in Larimer County to identify strengths and weaknesses.</li> </ul>  |



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| <p><b>S13. Mitigate disaster impacts from and adapt to natural hazards and extreme weather.</b></p> | <p>forest fire mitigation, tree removal, prescribed burns, etc.)/ <b>County Sheriff &amp; County Office of Emergency Management</b></p> | <ul style="list-style-type: none"> <li>● Collaborate with neighboring counties like Boulder to gain insights into their successful programs and explore opportunities for shared resources and best practices.</li> <li>● Seek additional funding and resources to expand the program, allowing more homeowners to participate in wildfire mitigation efforts.</li> <li>● Provide educational workshops and training sessions for residents to improve their understanding of fire risk and mitigation techniques.</li> </ul> <p>NE3.2 Conduct a landscape review of what is working well with other organizations and at the State level and bring best practices down to the County level where needed.</p> <ul style="list-style-type: none"> <li>● Conduct a thorough review of successful wildfire mitigation and disaster adaptation initiatives at the state, national, and international levels.</li> <li>● Identify innovative approaches, strategies, and technologies that reduce fire risk and disaster impacts.</li> <li>● Customize and adapt successful practices to the specific needs and conditions of Larimer County.</li> <li>● Establish a knowledge-sharing platform to disseminate best practices within the county and encourage cross-collaboration among stakeholders (Coincides with NE4.2).</li> </ul> <p>NE3.3 Use modeling and mapping to understand where priority locations are located.</p> <ul style="list-style-type: none"> <li>● Use advanced modeling and mapping tools to identify high-priority areas within Larimer County most susceptible to wildfires and natural disasters.</li> <li>● Analyze historical data, topography, weather patterns, and vegetation to create risk assessment maps.</li> <li>● Develop predictive models for future fire and disaster scenarios based on various factors, including climate change projections.</li> <li>● Use these maps and models to prioritize resources and mitigation efforts in the most significant risk areas.</li> </ul> <p>NE3.4 Collaborate with multiple agencies and multiple levels of government, including indigenous communities, to develop a unified response to wildfire.</p> <ul style="list-style-type: none"> <li>● Establish a multi-agency task force or working group for wildfire management and disaster risk reduction.</li> <li>● Foster strong partnerships and collaboration with local, state, federal, and non-governmental agencies involved in emergency management, forestry, environmental conservation, and public safety.</li> <li>● Create joint action plans and coordinate resources for a unified response to wildfires and natural disasters.</li> </ul> |
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|  |   | <ul style="list-style-type: none"> <li>● Share data and information seamlessly among agencies to improve situational awareness and decision-making during emergencies.</li> </ul> <p>NE3.5 Engage and educate the community on wildfire mitigation and preparedness.</p> <ul style="list-style-type: none"> <li>● Launch public awareness campaigns to educate residents about the importance of wildfire mitigation and disaster preparedness.</li> <li>● Encourage community members to participate actively in mitigation efforts, such as creating defensible spaces around their properties.</li> <li>● Provide resources and incentives for homeowners to implement mitigation measures, such as grants or tax incentives.</li> <li>● Organize community drills and exercises to test emergency response plans and enhance community resilience.</li> <li>● Manage communications to suit a multicultural and multilingual community.</li> </ul> <p>NE3.6 Conduct regular reviews of strategies and actions to adapt to changing conditions.</p> <ul style="list-style-type: none"> <li>● Establish a framework for continuously monitoring and evaluating wildfire and disaster mitigation efforts.</li> <li>● Regularly update strategies and tactics based on changing conditions, new research findings, and lessons learned from previous incidents.</li> <li>● Contact local experts, scientists, and research institutions to stay informed about evolving risks and mitigation strategies.</li> </ul> |
|  | <p>NE4. Enhance and expand existing efforts to reduce disaster risk and increase community resilience. / <b>County Office of Emergency Management CSFR PHASE 2 RECOMMENDATION</b></p> | <p>NE4.1 Update Hazard Mitigation Plan, and nest other existing plans through a lens of climate adaptation and disaster mitigation.</p> <p>NE4.2 Develop a common umbrella or network of disaster mitigation organizations that can sync existing efforts and discover opportunities for improved collaboration.</p> <p>NE 4.3 Increase wildfire mitigation capacity.</p> <p>NE4.4 Increase capacity of floodwater mitigation and infrastructure projects.</p> <p>NE 4.5 Increase capacity for adapting to extreme temperature and drought conditions.</p>  |
| <b>Water</b>   |   |   |
| <p><b>S14. Increase efficiency of water use across urban, agricultural, and ecological needs</b></p> | <p>W1. Develop and implement a water plan to address risks and vulnerabilities related to future water supply, quality, timing, storage, and distribution</p>                         | <p>W1.1 Coordinate with interested stakeholders from Climate Smart Future Ready and others across the County, including water managers, water renters, farmers, and ranchers, to support the development of the water plan.</p> <p>W1.2 Create clear guidelines, agreements, monitoring requirements, and incentives for responsible management and sharing of limited water resources across and within urban,</p>   |



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| <p><b>with emphasis on regional alignment.</b></p>                        | <p>issues./County Community Planning, Infrastructure, and Resources</p>  | <p>industrial, agricultural, and ecological uses. Develop priority efforts to maintain high water quality and responsible management and sharing of limited water resources while protecting water rights and minimizing loss of farmland and water.</p> <p>W1.3 Develop a risk and vulnerability assessment that includes climate change impacts.</p> <p>W1.4 Engage the broader County community in the planning process, including specific water users and water providers.</p> <p>W1.5 Incentivize building projects to use low-water landscaping, greywater systems, etc. <b>CSFR PHASE 1 &amp; 2 RECOMMENDATION</b></p> <p>W1.6 Collaborate with stakeholders to update the County land use and building codes as it relates to water use. Coordinate across County jurisdictions to increase alignment in these code elements to the greatest degree possible. <b>CSFR PHASE 2 RECOMMENDATION</b></p> <p>W1.7 Creatively adapt infrastructure for dual purposes, such as storm retention ponds for temporary water storage and methane capture for renewable natural gas from wastewater treatment.</p> <p>W1.8 Leverage strategies that innovate on agricultural water use, including NRCS funding for upgrading irrigation methods and improving water quality.</p> |
| <p><b>Agriculture</b></p>   |  |   |
| <p><b>S15. Support and expand regional agriculture.</b></p>               | <p>A1. Develop a program that provides agricultural land access for farmers that reduces GHG emissions, improves soil health, and reduces water use./Poudre Valley Community Farms</p> | <p>A1.1 Determine needs of local ag community members (especially small, young, and/or BIPOC farmers) who are looking for access to land and land owners who may participate in the program.</p> <p>A1.2 Determine which types of ag activities should be strategically supported.</p> <p>A1.3 Develop incentive and training programs for producers in partnership with County Economic and Workforce Development that support reductions in GHG emissions, improvements in soil health, and reductions in water use. <b>CSFR PHASE 2 RECOMMENDATION</b></p> <p>A1.4 Recruit landowners to participate in the program. Work with County Community Development on appropriate sites and buildings.</p> <p>A1.5 Pilot program with a select number of farmers and landowners, including a comprehensive evaluation of outcomes for GHG emissions, soil health, and water use. <b>CSFR PHASE 2 RECOMMENDATION</b></p>   |
| <p><b>S16. Maintain and improve the health of agricultural soils.</b></p> | <p>A2. Develop agricultural programs and facilitate communities focused on soil</p>  | <p>A2.1 Work with organizations and producers within the soil health and regenerative agriculture space (NRCS, Larimer Conservation District, etc.) to compile a list of soil health practices tailored to suit the diverse range of agricultural activities found within Larimer County.</p>   |



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|   | <p>health practices (such as enhancing soil moisture, biodiversity, and organic matter) to increase long-term carbon storage and climate resilient soils./<b>County Agricultural Extension CSFR PHASE 2 RECOMMENDATION</b></p> | <p>A2.2 Collaborate with a diversity of stakeholders (farmers, ranchers, and conservation organizations) to determine the challenges in increasing adoption of practices identified in A2.3 Address the needs of agricultural producers and small acreage owners by facilitating connections with them and organizations such as the CDA, NRCS, SARE and private entities that offer grants, programs, and opportunities to enhance soil health practices.<br/>A2.4 Facilitate community events such as demonstration days and peer-peer mentorship that foster collaboration and networking among individuals engaged in soil health practices, enabling them to increase participation, address ongoing challenges, and share resources.</p>   |
| <p><b>S17. Support and expand access to local food markets.</b></p> | <p>A3. Expand access to local, fresh food for equity priority communities./ <b>Northern Colorado Foodshed Project and Poudre Food Partnership &amp; Northern Colorado Foodshed Project</b></p>                                 | <p>A3.1 Collaborate with local food producers and distributors to develop innovative opportunities for equity priority communities to access sustainable and locally produced food sources. (mobile delivery systems, delivery and organizations partnerships, etc.)<br/>A3.2 Incentivize and develop new infrastructure to support, expand and enhance local food aggregation, distribution and processing capabilities.<br/>A3.3 Conduct a food access study to understand where equity priority community members currently source food and where local food is available (David Rojas?).<br/>A3.4 Support and expand educational opportunities for intermediate purchasers of local agricultural products.<br/>A3.5 Support the development of a Latinx-forward farmers market.<br/>A3.6 Develop an online resource guide of local products, local purchase opportunities, and food education.</p> |

## Appendix

| Strategies   | Actions   | Tactics  |
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| <p><b>Advance energy efficiency and electrification of new and existing buildings.</b></p> | <p>E. Develop a regional approach to benchmarking policies for commercial buildings.</p>  | <p>E.1 Coordinate with the State's efforts to require large commercial buildings to track energy use and make progress toward energy and pollution performance standards.<br/>           E.2 Support benchmarking of large commercial buildings (<a href="https://maps.touchstoneiq.com/colorado/">https://maps.touchstoneiq.com/colorado/</a>) and track the rulemaking for reporting and goal attainment currently underway at the State.<br/>           E.3 TBD after the state releases the performance targets.</p>   |
| <p><b>Enhance freight efficiency.</b></p>  | <p>ST. Increase emissions benchmarking, optimize fuel efficiency, improve logistics, and enhance operational performance of freight carriers.</p> | <p>ST1. Define freight carriers for the purpose of this plan.<br/>           ST2. Do a landscape review of freight carriers in the area to determine size and scope of the freight carrier fleet.<br/>           ST3. Research strategies that other communities are doing to address freight emissions and pollution. Invest in research and development of new EV technologies can help to make EVs more affordable and efficient. researching traffic patterns can impact both freight and consumers<br/>           ST4. Focus on emissions benchmarking for geographic locations occupied by historically marginalized communities through an environmental justice approach.<br/>           ST5. Encourage/incentivize the use of EPA's SmartWay freight program.<br/>           ST6. Encourage local companies with freight to adopt EVs and alternative fuel vehicles and install chargers at their facilities, including warehouses, distribution centers, and retail stores.<br/>           ST7. Utilize route optimization software. Route optimization software can help freight carriers to save time and fuel by reducing the distance they travel. This is a relatively low-cost way to improve freight efficiency.<br/>           ST8. Expand public charging infrastructure: This includes installing fast-charging stations along major highways and in freight hubs. Making it easier for freight carriers to charge EVs.<br/>           ST9. Develop green freight zones: Green freight zones are designated areas where freight carriers are required to use low-emission vehicles.<br/>           ST10. Install fast-charging stations at key freight hubs, such as intermodal terminals and truck stops. This will allow freight carriers to quickly charge their EVs while they are loading and unloading cargo.<br/>           ST11 Educate on and offer incentives to freight carriers to install chargers at their own facilities. This could include rebates or tax breaks.</p> |



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|  |  | ST12. Work with local governments to streamline the permitting process for installing chargers.  |
| <b>Improve and develop critical and natural infrastructure, including water treatment and distribution systems, to improve water quality and watershed resilience across the County.</b> | W. Implement stormwater infrastructure upgrades, backup power, and precipitation prediction systems. | <p>W.1 Increase storage and reduce impervious surface.</p> <p>W.2 Collaborate to promote equitable resiliency and hazard planning and management that incorporate risk reduction principles, such as in flood hazard mitigation, long-term water supply, and aging infrastructure replacement.</p> <p>W.3 Develop a comprehensive approach to green infrastructure to coordinate the distribution of resilient stormwater management to mitigate the risk of flood and reduce heat island impacts. Leverage expertise of the City of Fort Collins.</p> |
|  | W. Evaluate current approach to regional water quality management.                                   | <p>W.1 Collaborate and align with and build on existing Water Plan efforts (see A35), improving use of existing data.</p> <p>W.2 Encourage regional conversations and sharing of data around managing and monitoring water quality and support regional-scale planning efforts to address water quality issues.</p> <p>W.3 Locate a champion and owner of this action.</p> <p>W.4 Create and maintain an inventory of water quality management and monitoring plans and data.</p>  |