

Table 1 Implementation Work Plan

County of Humboldt
Humboldt County Regional Climate Action Plan

Action ID	Action	Responsible Parties	Timeframe	HCAOG Activities Underway
Measure BE-8: Advocate for Off-shore Wind developers and PG&E to build electrical infrastructure to supply Humboldt with energy produced by the future off-shore wind project which will increase regional supply and resilience				
BE-8a	Dedicate Regional Climate Committee staff time to work with local organizations (e.g. 350Humboldt, Redwood Region Climate & Community Resilience Hub, COREHub) to petition the CEC and Humboldt Bay Off-shore Wind developers to include electricity transmission and distribution to the Humboldt region as a legally enforceable community benefit as stipulated in the Community Benefit Program to be completed as part of the Nationally Significant Multimodal Freight & Highway Projects (INFRA) grant program.	Climate Committee Municipal Community Development	Phase 2	HCAOG participates in COREHub, and is a member of the Community Benefits Network
Measure TR-1 Urban: Implement programs, such as those identified in HCAOG's RTP, to increase the mode share of active transportation in urbanized areas from 9% to 12% by 2030 thereby achieving a regional active transportation mode share of 8%				
T-1a Urban	Regional Climate Committee to aid the urbanized areas of Humboldt by partnering with HCAOG and HTA to identify and pursue grant opportunities such as the Active Transportation Program, AARP Community Challenge, CalEPA's Environmental Justice Action Grants, and Caltrans Sustainable Transportation Planning Grants, etc., to fund active transportation projects identified in the Regional Transportation Plan. Aim to apply for at least 3 grants annually.	Climate Committee HCAOG HTA	Phase 1 - ongoing	HCAOG generally applies for Caltrans Sustainable Transportation Planning Grants every year or every other year. Arcata and Eureka have been particularly successful with ATP grants.

County of Humboldt
Humboldt County Regional Climate Action Plan

Action ID	Action	Responsible Parties	Timeframe	HCAOG Activities Underway
T-1b Urban	In urbanized areas with high alternative transit expansion potential work with the Regional Climate Committee to facilitate community outreach on transportation alternatives and promote infrastructure improvements and expansion identified in HCAOG’s Regional Transportation Plan. Continually improve methods for engaging the community, gathering input, and utilizing it to prioritize projects.	Climate Committee Municipal Community Development (urban)	Phase 1 - ongoing	HCAOG is currently funded with Caltrans Sustainable Transportation Planning Grant to do a Pedestrian Level of Traffic Stress in the greater Humboldt Bay Area that will help prioritize pedestrian infrastructure improvement. Community engagement is a key part of this process.
T-1c Urban	Leverage the Regional Climate Committee to pursue and access funding to develop and maintain regional webpage and app showing pedestrian and bike trails, bike lanes and bus times and routes. Distribute active transportation maps and promotional materials to hotels and tourism centers to increase visitor use of active transportation. Advertise and promote Humboldt Bikeshare program managed by the City of Arcata, Cal Poly Humboldt, and Tandem Mobility.	Climate Committee Municipal Community Development (urban) HCAOG	Phase 2 - ongoing	Although not integrated with other services (pedestrian or transit) HCAOG has a digital bike map that shows bike routes throughout the county.
T-1d Urban	Identify equity barriers to safe bike and pedestrian infrastructure through community outreach and use of big data driven analysis w as well as targeted community outreach to better understand nuanced barriers. Include prompts in outreach around ways to improve social and modal equity the active transportation systems and programs. Develop a priority list of active transportation projects from HCAOG’s Regional Transportation Plan based on level of impact, expansion of inter-jurisdictional connectivity, and historically under-invested communities.	Climate Committee Municipal Public Works (urban) HCOAG	Phase 1	HCAOG’s current Caltrans Sustainable Communities grant for Level of Traffic Stress will include this type of analysis and prioritization. Additionally, the Safe Streets and Roads for All funding which is expected to launch in the later part of 2024 will include a regional vision zero action plan. This plan will involve extensive community input and focus on zero transportation related deaths. Safety is a barrier to the community using active transportation.

Action ID	Action	Responsible Parties	Timeframe	HCAOG Activities Underway
T-1e Urban	<p>Increase inter-connectivity across the region working with HCAOG and the Regional Climate Committee representatives to:</p> <ol style="list-style-type: none"> 1. Evaluate and prioritize land use projects and active transportation projects for their impact on increased regional connectivity 2. Identify hurdles limiting connectivity and use, such as last-mile commute limitations 3. Facilitate coordination across jurisdictions and rural and urban areas to plan development in a coordinated and most strategic manner 4. Apply for regional funding opportunities focused on increased inter-connection and VMT reduction 5. Implement the VMT mitigation measures associated with VMT thresholds 	Climate Committee HCAOG	Phase 2 – Phase 3	HCAOG’s current Caltrans Sustainable Communities grant for Level of Traffic Stress can support items 1-3.
<p><i>Measure TR-1 Rural: Implement programs, such as those identified in HCAOG’s RTP, that increase access to safe active transportation, to increase the mode share of active transportation in rural areas from 5% to 6% by 2030 thereby achieving a regional active transportation mode share of 9%</i></p>				
T-1b Rural	Develop a priority list of active transportation projects from HCAOG’s Regional Transportation Plan based on level of impact, expansion of inter-connectivity, and historically under-invested communities where there is currently no or limited pedestrian and bicycle infrastructure as informed by feasibility study.	Municipal Public Works (rural) HCAOG	Phase 1	HCAOG’s current Caltrans Sustainable Communities grant for Level of Traffic Stress can support this. We are starting with both the urban and rural areas of the greater Humboldt Bay region (McKinleyville to Rio Dell), and then will replicate the efforts for the entire county within the next 3 years.

County of Humboldt
Humboldt County Regional Climate Action Plan

Action ID	Action	Responsible Parties	Timeframe	HCAOG Activities Underway
T-1d Rural	Partner with California Department of Transportation (CalTrans) District 1 Pedestrian and Bicycle Advisory Committee (PBAC) to track progress on implementation of bicycle and pedestrian projects in the region, ensure that projects being planned are consistent with the District Active Transportation Plan, and to represent the regions rural jurisdictions needs to the PBAC.	Climate Committee Municipal Public Works (rural)	Phase 2 - ongoing	HCAOG staff participate in the PBAC.
T-1i Rural	Leverage the Regional Climate Committee to fund the development of local subsidy for low-income residents across the region for bicycles, helmets, pumps, and other bicycle equipment. Continue to offer e-bike rebates with increased rebate opportunities for low-income customers. Implement an income-qualified coupon for the e-bike share program, in addition to the available 50 percent discounted e-bike share rate.	Climate Committee Municipal Community Development (rural)	Phase 2	HCAOG has been giving away youth helmets for the last year. It has been very well received.
Measure TR-2 Urban: Expand the public transit network in support of HCAOG’s Regional Transportation Plan to increase public transit mode share from 2% to 20% public transit mode share in urbanized areas to achieve a regional 13% public transit mode share by 2030				
T-2a Urban	Regional Climate Committee to work with Humboldt Transit Authority (HTA) and HCAOG to support implementation of measures to increase use of public transportation services in the region as specified in HCAOG’s Regional Transportation Plan, and work toward a 10-minute headway in urban areas. This should include, but is not limited to: <ol style="list-style-type: none"> 1. Improving passenger transfer among local routes and between local and intercity routes (e.g., Greyhound and Amtrak) 2. Improving shelters at bus stops 3. Electronic signage and/or real-time updates of wait time until next bus 	Climate Committee HTA Municipal Public Works (urban)	Phase 2	Please note Greyhound no longer serves our area. HTA is continually evaluating ways to get to shorter headways. Some of this happens through the Transit Development Plan Process, some of it is continual in house, and a robust analysis will be conducted during the Caltrans Strategic Partnerships-Transit grant (known as PAACT, launching in November 2024.)

County of Humboldt
Humboldt County Regional Climate Action Plan

Action ID	Action	Responsible Parties	Timeframe	HCAOG Activities Underway
T-2c Urban	Leverage the Regional Climate Committee to conduct local transportation surveys to better understand the community’s needs and motivation for traveling by car versus other alternatives such as the bus. Use survey results to inform policy development and outreach campaigns that are transit focused. Develop marketing materials and provide them to the local jurisdictions to publicize public transportation improvements as they are planned and implemented in a variety of methods (social media, newspaper, radio, etc.) and languages to help facilitate use and success of improvement	Climate Committee	Phase 1	As part of a TIRCP grant HCAOG is supporting HTA with a major marketing campaign led by a transit marketing consultant. The marketing campaign will launch in September 2024.
T-2e Urban	Work with HTA to prioritize public transportation access and improvements in low-income areas of the region and at major destinations. This could include surveying existing transportation routes, schedules, and facilities throughout each jurisdiction as part of HCAOG’s Sustainable Transportation Planning Grant Program and improving public transportation facilities and expand access to transit (i.e., first and last-mile access).	Municipal Public Works (urban) HTA	Phase 2	HCAOG has been awarded a Strategic Partnership- Transit grant to do some of this work. Kickoff is in November 2024. We also update the Transit Development Plan every 5 years which includes some of this analysis.
T-2f Urban	Regional Climate Committee to collaborate HTA and HCAOG in obtaining grant funding for service expansion and improvements particularly in underserved and marginalized areas. Also include assistance for working with the appropriate State agencies to petition for updates to the farebox ratio to allow HTA greater access to using funds for self--advertisement.	Municipal Public Works (urban) HTA Climate Committee	Phase 1 - ongoing	HCAOG tracks and participates as needed in the SB125 task force where they are considering policy recommendations to increase transit ridership and consider eliminating the farebox requirements.
Measure TR-2 Rural: <i>Develop a robust public transit network in support of HCAOG’s Regional Transportation Plan to increase public transit mode share from 1% to 10% in rural areas and achieve a regional 13% public transit mode share by 2030</i>				

Action ID	Action	Responsible Parties	Timeframe	HCAOG Activities Underway
T-2a Rural	<p>Regional Climate Committee to work with HTA and HCAOG to support implementation of measures to increase use of public transportation services in the region as specified in HCAOG’s Regional Transportation Plan and work toward a 30-minute headway in rural areas. This should include, but is not limited to:</p> <ol style="list-style-type: none"> 1. Improving passenger transfer among local routes and between local and intercity routes (e.g., Greyhound and Amtrak) 2. Improving shelters at bus stops 3. Prioritizing infrastructure improvements in existing communities that enable people better access and use of public transit 4. Electronic signage and/or real-time updates of wait time until next bus 	Climate Committee HTA	Phase 1 - ongoing	Please note Greyhound no longer serves our area.
T-2c Rural	<p>Work with HCAOG and HTA to conduct a feasibility study to explore alternative forms of public transit, such as micro transit including on-demand shuttles, car share programs, bike share programs, and scooter share programs. Micro transit is a type of on-demand, shared transportation service that typically operates with smaller vehicles, such as vans or mini-buses, and offers flexible routes and schedules. The analysis should include identification of potential funding sources (e.g., grants, local taxes, local business sponsorship, discretionary funds, etc.) and identification of barriers and opportunities for how such a micro-mobility program may enhance active transportation or public transit use. Evaluate the effectiveness of the micro transit pilot program in McKinleyville to determine opportunities for implementing a similar program in other rural locations of the county.</p>	Climate Committee HCAOG Municipal Public Works (rural)	Phase 1	<p>Microtransit has been studied in our area. A pilot will launch in McKinleyville using REAP 2.0 funds. The 2 year pilot will start in 2025. The Transit Development plan includes recommendations for microtransit in Fortuna, Eureka, Mckinleyville, Arcata, and Samoa/Manila</p>

County of Humboldt
Humboldt County Regional Climate Action Plan

Action ID	Action	Responsible Parties	Timeframe	HCAOG Activities Underway
T-2f Rural	Market and publicize public transportation improvements as they are planned and implemented in a variety of methods (social media, newspaper, radio, etc.) and languages to help facilitate use.	Climate Committee Municipal Community Development (rural) HTA	Phase 2 - ongoing	As part of a TIRCP grant HCAOG is supporting HTA with a major marketing campaign led by a transit marketing consultant. The marketing campaign will launch in September 2024.
Measure TR-3: Reduce regional VMT by increasing mixed-use development in infill priority areas in alignment with HCAOG's baseline connectivity score included in the RTP.				
T-3b	Leverage feasibility studies conducted by HCAOG to identify opportunities for mixed-use and infill development, map current and future planned transit networks, and establish a priority list of development that encourages regional growth to be in alignment with HCAOG and HTA transit goals. If not already included in previously conducted HCAOG studies, assess equity considerations with regards to location and distribution of developments, and potential transit access equity impacts.	Climate Committee HCAOG HTA	Phase 1	Some of this work will occur as part of Caltrans Strategic Partnership- Transit grant HCAOG was awarded. This grant work will launch in November.
Measure TR-4: Develop and implement regional mobility hubs and ZEV car-share programs to support mode shift from single occupancy vehicles				

Action ID	Action	Responsible Parties	Timeframe	HCAOG Activities Underway
T-4a	<p>Regional Climate Committee to work with HCAOG on the Sustainable Transportation Planning Grant Program efforts to assess regional transportation characteristics and work with regional agencies to identify multimodal land use opportunities throughout the county. As part of this program, conduct a background review of options for purchasing, operating, and maintaining shared mobility assets such as ZEVs, electric bikes, and electric scooters. The program should include identification of potential funding sources (e.g., grants, local taxes, local business sponsorship, discretionary funds, etc.) and identification of barriers and opportunities for how expanding mobility hub facilities beyond state highways access may enhance active transportation or public transit use. Also include in the feasibility study an assessment of alternative powering options in partnership with RCEA (e.g. microgrids) to support ZEV car-share infrastructure with the mobility hubs.</p>	<p>Climate Committee HCAOG</p>	<p>Phase 1</p>	<p>Some of this work will occur as part of Caltrans Strategic Partnership- Transit grant HCAOG was awarded. This grant work will launch in November.</p>
<p>Measure TR-5: Require commercial and industrial employers with 25 employees or more to develop a Transportation Demand Management Plan</p>				
T-5b	<p>Leverage the Regional Climate Committee and partnership with HCAOG to conduct local transportation surveys within each jurisdiction to better understand the community’s needs and motivation for traveling by car versus other alternatives such as the bus. Use survey results to inform policy development and outreach campaigns that are transit focused.</p>	<p>Climate Committee HCAOG Municipal Community Development</p>	<p>Phase 1</p>	<p>As part of a TIRCP grant HCAOG is supporting HTA with a major marketing campaign led by a transit marketing consultant. The marketing campaign will launch in September 2024.</p>

Action ID	Action	Responsible Parties	Timeframe	HCAOG Activities Underway
T-5f	Through the Regional Climate Committee, employ a multi-jurisdictional representative to support HTA and local jurisdictions in pursuing grants such as the Sustainable Communities Competitive, Caltrans Sustainable Transportation Planning Grant Program, State Transportation Improvement Program, etc., to expand public and active transit services and infrastructure.	Climate Committee Municipal Planning/Building	Phase 2	HCAOG manages the STIP (funding comes every 2 years) and tracks how much STIP funding is used to support active transportation.
<i>Measure TR-6: Decarbonize 15% of passenger vehicle miles traveled by 2030 and 100% by 2045 through increased adoption of low and zero-emission vehicles and development of a regional electric vehicle charging and hydrogen fueling network.</i>				
T-6h	Regional Climate Committee, in partnership HCAOG, to lead the development of a Hydrogen Vehicle Infrastructure Implementation Plan for public access hydrogen facilities by 2030 which includes the following: <ol style="list-style-type: none"> 1. Evaluate a list of prioritized locations for hydrogen fueling stations across the county 2. Consideration of procurement needs and potential sourcing from the Redding Rancheria perspective green hydrogen facility 3. Identifies grant funding opportunities (e.g. LCFS) 	Climate Committee HCAOG	Phase 1 - 2	As part of HCAOG’s support for HTA’s TIRCP grant, we commissioned a hydrogen fueling study looking at priority locations in the Humboldt Bay Area (prepared by Grad student Alka Verma working with Schatz Energy Resource Center). HCAOG has recently received funding to do a North State Hydrogen Fueling Siting Analysis for transit fleets across the north state.

Action ID	Action	Responsible Parties	Timeframe	HCAOG Activities Underway
T-10d	<p>Establish Humboldt as a hydrogen hub by:</p> <ol style="list-style-type: none"> Promoting the pending The U.S. Department of Energy funded HTA hydrogen fueling station to attract additional hydrogen fueling station developers to the region Partner with RCEA, SERC, and CalTrans, where applicable, to identify sites for hydrogen fueling stations that build off the North Coast and Upstate Regional Hydrogen Infrastructure Plan Pursue partnerships with private developers to develop additional hydrogen fueling stations in the region Pursue funding opportunities for hydrogen fueling infrastructure, such as through LCSF, AB 8 program, and the CEC Clean Transportation Program 	<p>Municipal Public Works (county) RCEA</p>	Phase 2 - 3	<p>As part of HCAOG’s support for HTA’s TIRCP grant, we commissioned a hydrogen fueling study looking at priority locations in the Humboldt Bay Area (prepared by Grad student Alka Verma working with Schatz Energy Resource Center).</p> <p>HCAOG has recently received funding to do a North State Hydrogen Fueling Siting Analysis for transit fleets across the north state.</p>
<p><i>Measure TR-11: Lead by example and electrify or otherwise decarbonize 50% municipal fleets by 2030 in alignment with the State’s Advanced Clean Fleet Rule.</i></p>				
T-11a	<p>Regional Climate Committee will develop a Zero-emission Fleet Conversion and Purchase Policy to be adopted by each jurisdiction that requires new, and replacement of, municipal fleet vehicle purchases to be EVs or ZEVs. The policy will also include a schedule for replacement of fleet vehicles to comply with the State’s Advanced Clean Fleet rule requiring 50 percent of medium and heavy-duty vehicle purchases be zero-emissions beginning in 2024 and 100 percent beginning in 2027. Report annually to CARB on fleet status as required per the Advanced Clean Fleets Regulation.</p>	<p>Municipal Facility Management Climate Committee</p>	Phase 1	<p>HCAOG is currently selecting consultants to prepare a regional Zero Emission Municipal Fleet Transition Plan for all municipal fleets (all 7 cities and the County). This plan is funded with Carbon Reduction Program Funding. The plan will include replacement schedules, charging infrastructure needs, and some level of engineering plans for the various charging locations.</p>

Humboldt County Regional Climate Action Plan

Action ID	Action	Responsible Parties	Timeframe	HCAOG Activities Underway
T-11b	Leverage the Regional Climate Committee conduct a feasibility and cost assessment to determine the number of EV/ZEV chargers and funds needed to support the fleet transition to 50 percent EV/ZEV by 2030.	Municipal Facility Management Climate Committee	Phase 1	This can be included in the Zero Emission Municipal Fleet Transition Plan.