

Appendix E4 – Funding Matrix

Select, active programs that may be useful for implementation of the Humboldt Regional CAP are listed below. A full list of funding and financing programs applicable to Humboldt County can be found by searching Cool California’s Funding Wizard (<https://fundingwizard.arb.ca.gov/web/>).

This list is not intended to be comprehensive, and it will need to be updated as programs change. Over the CAP implementation timeline, it will be necessary for local government staff and the CAP Coordinator to discover and track funding opportunities and seek creative funding solutions.

Planning/All CAP Sectors			
	Funding/Financing Source	Potential CAP Measures	Funding/Financing Mechanism
	Strategic Growth Council's Technical Assistance Program	CAP Implementation; Equity Working Group	The program provides application assistance, partnership development and capacity building activities for eligible California Climate Investments applicants and is administered by the Strategic Growth Council to create more equitable opportunities by helping under-resourced applicants access funding. The California Climate Investments Technical Assistance Program supports communities in applying to the California Climate Investments (CCI) funding programs.
	California Energy Commission Grants	All Measures	The California Energy Commission offers funding opportunities to advance the state’s transition to clean energy and transportation through innovation, efficiency, and the development and deployment of advanced technologies.
	Capital Improvement Plans	All Measures	Locally administered funds
	State Funding for Transportation— Local Planning Grants	Transportation Planning	These grants are intended to strengthen the economy, promote equity and protect the environment. Grants encourage local and regional planning agencies to further state goals including the goals and best practices in the Regional Transportation Plan Guidelines
	New Development Impact Fees	All Measures	Potential source of local funds.
	Revenue or General Obligation Bond	All Measures	Long term borrowing; potential source of local funds.
	USEPA Environmental Education Grants	All measures that require public participation	Under the Environmental Education Grants Program, EPA seeks grant applications from eligible applicants to support environmental education projects that promote environmental awareness and stewardship and help provide people with the skills to take responsible actions

			to protect the environment. This grant program provides financial support for projects that design, demonstrate, and/or disseminate environmental education practices, methods, or techniques.
Transportation			
	Funding/Financing Source	Potential CAP Measures	Funding/Financing Mechanism
	Clean Vehicle Rebate Programs for individuals, carshare, public fleet, and business fleets	Passenger Vehicle Electrification	The Clean Vehicle Rebate Project (CVRP) offers three different fleet programs for the purchase or lease of new, eligible zero-emission and plug-in hybrid light-duty vehicles. Sponsored by the California Air Resources Board, CVRP is administered by the Center for Sustainable Energy.
	California Clean Fuel Reward	Passenger Vehicle Electrification	The California Clean Fuel Reward is available to anyone who buys or leases a new electric vehicle with a battery capacity greater than 5 kWh. The customer must register the vehicle in California and the customer must reside in California. This instant electric vehicle reward is offered on a sliding scale, depending on battery size, up to \$1,500.
	Regional Transportation Improvement Plans (RTIP)	All Transportation Measures	The STIP is a multi-year capital improvement program of transportation projects on and off the State Highway System, funded with revenues from the Transportation Investment Fund and other funding sources. Caltrans prepare the Interregional Transportation Improvement Plan (ITIP) and regional agencies prepare Regional Transportation Improvement Plans (RTIPs).
	Better Utilizing Investments to Leverage Development, or BUILD	Active Transportation and Transit	The Better Utilizing Investments to Leverage Development, or BUILD Transportation Discretionary Grant program, provides a unique opportunity for the DOT to invest in road, rail, transit and port projects that promise to achieve national objectives.

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	CAL eVIP	Charging stations	<p>The California Electric Vehicle Infrastructure Project (CALeVIP) addresses regional needs for electric vehicle (EV) charging infrastructure throughout California, while supporting state goals to improve air quality, combat climate change and reduce petroleum use.</p> <p>Funded by the California Energy Commission and implemented by the Center for Sustainable Energy, CALeVIP provides incentives for EV charger installations and works with local partners to develop and implement projects that meet current and future regional EV needs for Level 2 and DC fast charging. The statewide efforts aim to provide a streamlined process for getting chargers installed to fill the significant gaps in charging availability.</p>
	California Climate Investments Sustainable Transportation Equity Program (STEP)	Active Transportation	STEP is a new transportation equity pilot that aims to address community residents' transportation needs, increase access to key destinations, and reduce greenhouse gas emissions by funding planning, clean transportation, and supporting projects. (Currently closed)
	Clean Truck and Bus Vouchers	Transit and Heavy-Duty Electrification	The Clean Truck and Bus Vouchers program provides vouchers for the purchase of advanced technology heavy-duty trucks and buses to support the long-term transition to zero-emission vehicles in the heavy-duty market, as well as supporting investments in other emerging technology to help meet health-based ambient air quality standards, and achieve substantial greenhouse gas reductions.
	PG&E Clean Fuel Rebate	Passenger Vehicle Electrification	PG&E customers with EVs are eligible to receive an \$800 Clean Fuel Rebate for their use of electricity as a clean transportation fuel.
	Clean Vehicle Financing Assistance	Passenger Vehicle Electrification	Financing Assistance offers lower-income consumers a low-interest loan and a vehicle price buy-down to purchase a new or used zero-emission, plug-in hybrid electric, or hybrid vehicle. Lenders are offered a loan loss reserve to mitigate their risk.

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	Diesel Emission Reduction Act (DERA) National Grants	Electrification of Diesel in On and Off-Road Sectors. (Transit, Heavy-Duty, and Passenger)	EPA's Office of Transportation and Air Quality is soliciting applications nationwide for projects that achieve significant reductions in diesel emissions.
	On-Road Heavy-Duty Vehicle Air Quality Loan Program	Heavy-Duty Vehicle Electrification	The program is designed to help borrowers finance the purchase of heavy-duty diesel trucks driven primarily in California to comply with the State's engine emission standards.
	Low or No Emission Program (Low-No Program)	Transit Electrification	The Low-No Program provides funding to state and local governmental authorities for the purchase or lease of zero-emission and low-emission transit buses, including acquisition, construction, and leasing of required supporting facilities.
	North Coast Unified AQMD Carl Moyer Program	Electrification of Mobile Emissions Sources (On and Off Road)	The Carl Moyer Memorial Air Quality Standards Attainment Program (Carl Moyer Program) provides incentive grants for cleaner-than-required engines, equipment, and other sources of pollution providing early or extra emission reductions. Eligible projects include cleaner on-road, marine, and agricultural sources. Projects may include engine re-powers, the purchase of new vehicles using alternative fuels, and engine retrofit devices approved by the California Air Resources Board (CARB).
	Enhanced Fleet Modernization Program	Passenger Vehicle Electrification	EFMP contains two component programs: Retirement-only and Scrap and Replace. Bureau of Automotive Repair implements the retirement-only program statewide through their Consumer Assistance Program. It provides up to \$1,500 to lower-income drivers to retire their old, high polluting car. Scrap and Replace program goes one-step further by providing up to \$4,500 to lower-income drivers who scrap an old car and purchase a cleaner and more fuel-efficient (35 MPG or better fuel economy rating) vehicle or \$7,500 for mobility options such as transit passes, in lieu of a replacement vehicle.

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	FARMER Program	Electrification of Off-Road Vehicles and Equipment	The Funding Agricultural Replacement Measures for Emission Reductions (FARMER) Program provides funding through local air districts for agricultural harvesting equipment, heavy-duty trucks, agricultural pump engines, tractors, and other equipment used in agricultural operations.
	State Funding for Infrastructure— Solutions for Congested Corridors Program	Active Transportation	Goals for these projects include: Providing more transportation choices for residents, commuters and visitors Improve traffic flow while improving air quality and taking on environmental/health challenges Caltrans and local or regional partners working together to find wide-reaching solutions
	State Funding for Infrastructure— State-local partnership program	Active Transportation and Transit	The Local Partnership Program provides funding to local and regional agencies to improve: Aging Infrastructure Road Conditions Active Transportation Transit and rail Health and Safety Benefits
	State Funding for Infrastructure— Transit Capital and Operation	Transit	B 1 provides a significant infusion of funding for public transit.
	State Funding for Infrastructure— Transit and Intercity Rail Capital Program	Transit	The goal of this program is to modernize transit systems, increase ridership, reduce greenhouse gas emissions and improve safety.
	State Funding for Infrastructure— State Transit Assistance Program	Transit	This money will go to help transit agencies fund their capital infrastructure and operational costs
	State Funding for Transportation— State of Good Repair Program	Transit	Funding for transit capital projects or services to maintain or repair existing transit fleets and facilities; new vehicles or facilities that improve existing transit services; or transit services that complement local efforts to repair and improve local transportation infrastructure
	State Funding for Transportation— Active Transport	Active Transportation	Goes to cities, counties and regional transportation agencies for bike lanes, pedestrian paths, sidewalks, safe routes to schools and other projects that help reduce reliance on cars

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	Lower-Emission School Bus Program	School Bus Electrification	The Lower-Emission School Bus Program (LESBP) provides public funds to California public school districts to replace old, diesel school buses with cleaner buses.
	Affordable Housing and Sustainable Communities Program (AHSC) Program	Active Transportation/Land Use	The Affordable Housing and Sustainable Communities Program (AHSC) creates healthier communities and reduces greenhouse gas emissions by increasing the supply of affordable housing near jobs, amenities, and transportation options.
	Active Transportation Programs Listed by the CTC	Active Transportation	https://catc.ca.gov/-/media/ctc-media/documents/programs/atp/2020/funding-programs-that-fund-active-transportation-a11y.pdf
	OTS Pedestrian and Bicycle Safety Grants	Active Transportation	OTS funds programs that promote safe behaviors and the use of roadways when walking or biking.
	CTC Active Transport Program	Active Transportation	The Active Transportation Program was created by Senate Bill 99 to encourage increased use of active modes of transportation, such as walking and biking.
	Infill Infrastructure Grant Program	Active Transportation/Land Use	IIG is grant assistance, available as gap funding for infrastructure improvements necessary for specific residential or mixed-use infill development projects or areas.
	Sustainable Transportation Equity Project	Active Transportation/Land Use	Each year, the legislature appropriates funding to CARB for these incentives to reduce emissions and support advanced technology demonstrations and deployments. (Currently Closed).
	State Highway Operation and Protection Program (SHOPP)	Active Transportation	The Office of State Highway Operations and Protection Program (SHOPP) Management has primary responsibility for planning, developing, managing and reporting the four-year SHOPP portfolio of projects.
	State Transportation Improvement Program (STIP)	Transit and Active Transportation	The State Transportation Improvement Program (STIP) is the biennial five-year plan adopted by the Commission for future allocations of certain state transportation funds for state highway improvements, intercity rail, and regional highway and transit improvements. State law requires the Commission to update the STIP biennially, in even-numbered years, with each new STIP adding two new years to prior programming commitments.

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	Congestion Mitigation and Air Quality Improvement (CMAQ) Program	Commute Reduction	The Congestion Mitigation and Air Quality Improvement (CMAQ) Program provides funds to States for transportation projects designed to reduce traffic congestion and improve air quality, particularly in areas of the country that do not attain national air quality standards.
	FTA Shared Mobility Grants	Shared Mobility	In response to increasing interest from the transit industry in partnering with on-demand, shared mobility services such as ride-hailing companies, the FTA has identified FAQs about funding eligibility under federal public transportation law for FTA grant programs, like the Urbanized Area and Rural formula programs.
	Local Streets and Roads Program	Active Transportation	SB 1 dedicated approximately \$1.5 billion per year in new formula revenues apportioned by the State Controller (Controller) to cities and counties for basic road maintenance, rehabilitation, and critical safety projects on the local streets and roads system.
	Local Partnership Program	Active Transportation	The primary objective of this program is to provide funding to counties, cities, districts, and regional transportation agencies in which voters have approved fees or taxes dedicated solely to transportation improvements or that have imposed fees, including uniform developer fees, dedicated solely to transportation improvements [as defined by Government Code Section 8879.67(b)].
	Highway Safety Improvement Program	Active Transportation	The Highway Safety Improvement Program (HSIP) is a core Federal-aid program with the purpose to achieve a significant reduction in traffic fatalities and serious injuries on all public roads, including non-State-owned roads and roads on tribal land. The HSIP requires a data-driven, strategic approach to improving highway safety on all public roads with a focus on performance.

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	California Transportation Commission-- Solutions for Congested Corridors	Active Transportation	The purpose of the program is to provide funding to achieve a balanced set of transportation, environmental, and community access improvements to reduce congestion throughout the state. This statewide, competitive program makes \$250 million available annually for projects that implement specific transportation performance improvements and are part of a comprehensive corridor plan by providing more transportation choices while preserving the character of local communities and creating opportunities for neighborhood enhancement.
Building Electrification and Efficiency			
	Better Buildings Financing Navigator	Energy Efficiency, Renewables, Electrification	This is a tool from the U.S. Department of Energy for financing upfront costs for renewables and energy efficiency projects.
	Low Income Weatherization Program Multi-family Energy Efficiency and Renewables	Building Energy and Renewables; Electrification	Provides technical assistance and incentives for the installation of energy efficiency measures and solar PV in low-income multi-family dwellings serving priority populations. These projects reduce residential energy demand and GHG emissions. Low-income residents that participate in this program benefit from lower energy costs. The program also helps preserve affordable housing by reducing owner operating costs.
	Energy Efficient Mortgages	Building Energy and Renewables; Electrification	An Energy Efficient Mortgage (EEM) can be used by borrowers to purchase or refinance a home that is already energy efficient, such as an ENERGY STAR certified home, or to finance energy efficient improvements to an existing home.
	REAP-Renewable Energy Systems and Energy Efficiency Improvements	Energy Efficiency; Renewable Energy, Electrification	The Rural Energy for America Program will provide funds to agricultural producers and rural small businesses to install renewable energy systems and energy efficiency improvements.
	California Energy Commission energy efficiency incentive program.	Building Energy Efficiency, Electrification	The California Energy Commission's energy efficiency incentive programs include zero- and no-interest loans and grants. Funding is available to cities; counties; special districts; and public schools, colleges, universities, hospitals, and care facilities.
	PG&E Residential Rebates	Building Energy Efficiency, Electrification	Rebates for energy-efficiency products and appliances.

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	Affordable Multifamily Financing (AMF) program	Building Energy Efficiency. Electrification	The Affordable Multifamily Financing (AMF) program supports investment in energy-saving upgrades for residential properties serving lower-income Californians.
	Energy Upgrade California--- Residential Energy Efficiency Loan (REEL) Program	Building Energy Efficiency, Electrification	The Residential Energy Efficiency Loan (REEL) program was designed to help California homeowners and renters access affordable financing for energy efficiency projects.
	Energy Upgrade California	Building Energy Efficiency and Electrification	Rebates, tools, and incentives for homeowners.
	Small Business Financing (SBF) Program	Building Energy Efficiency and Electrification.	The Small Business Financing (SBF) program offers affordable options to help California businesses shrink their energy bills and carbon footprints.
	Low Income Home Energy Assistance Program	Building Energy Efficiency, Electrification, and Utility Bill Assistance.	LIHEAP is a federally funded program aimed to assist low-income households that pay a high portion of their income to meet their energy needs. Administered through the RCAA
	Property Assessed Clean Energy (PACE)	Building Energy Efficiency and Electrification	PACE programs allow a property owner to finance the up-front cost of energy or other eligible improvements on a property and then pay the costs back over time through a voluntary assessment.
	On bill financing	Building Energy Efficiency and Electrification	On-Bill Financing (OBF) can be for energy-efficiency retrofits. OBF funding is a no-interest loan that is paid back through monthly utility bills.
	California Energy Commission – Energy Partnership Program	Building Energy Efficiency and Building Decarbonization Strategy	The California Energy Commission’s Energy Partnership Program offers services to help identify the most cost-effective, energy-saving opportunities for buildings and new construction.
	Energy Conservation Assistance Act	Building Energy Efficiency and Renewables	The California Energy Commission’s Energy Conservation Assistance Act (ECAA) offers two loan programs for energy efficiency and energy generation projects. One program is zero-interest rate, while the other is 1 percent rate.

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	Self Generation Incentive Program	Energy Storage and Renewables	The CPUC's Self-Generation Incentive Program (SGIP) provides incentives to support existing, new, and emerging distributed energy resources. SGIP provides rebates for qualifying distributed energy systems installed on the customer's side of the utility meter. Qualifying technologies include wind turbines, waste heat to power technologies, pressure reduction turbines, internal combustion engines, microturbines, gas turbines, fuel cells, and advanced energy storage systems.
	California Energy Commission Energy Financing	Building Energy Efficiency and Renewables	Incentives play an important role in improving energy performance. The California Energy Commission's energy efficiency incentive programs include zero- and no-interest loans and grants. Funding is available to cities; counties; special districts; and public schools, colleges, universities, hospitals, and care facilities.
Waste			
	Solid Waste Management Grant Program	Solid Waste Site Planning (Possibly Relevant for A Composting Facility)	This program reduces or eliminates pollution of water resources by providing funding for organizations that provide technical assistance or training to improve the planning and management of solid waste sites.
	Calrecycle Grants	All Waste Initiatives	The California Department of Resources Recycling and Recovery (CalRecycle) offers funding opportunities authorized by legislation to assist public and private entities in the safe and effective management of the waste stream.
	CalRecycle - Food Waste Prevention and Rescue Grant Program	Event Waste	The purpose of this competitive grant program is to lower overall greenhouse gas emissions by establishing new or expanding existing food waste prevention projects (source reduction or food rescue for people) in California to reduce the amount of food being disposed in landfills.
	CalRecycle - Beverage Container Recycling Grants	Event Waste	The California Department of Resources Recycling and Recovery (CalRecycle) administers funding programs to assist organizations with establishing convenient beverage container recycling and litter abatement projects, and to encourage market development and expansion activities for beverage container materials.