



# Appendix B

## Implementation Matrix



Action Number	Action Name	Description	City Lead Department	Supporting Department(s)	Timeframe	Key Performance Indicators
<b>PATHWAY: Decarbonize Transportation</b>						
<b>STRATEGY: VMT Reduction</b>						
Measure T-1 Adopt a hybrid work schedule/virtual meeting policy						
T-1.1	Telecommute Incentives	Provide incentives to the businesses to adopt a telecommute program/remote work policy	City Manager		2025-2028	Number of Participating Businesses Incentives Provided
T-1.2	Remote/Hybrid Work	Adopt a remote/hybrid work policy that allows employee to work remotely one day a week	City Manager		2024-2028	Adoption of Policy Number of Participating Employees
T-1.3	Virtual Meetings	Prioritize virtual meetings for regularly scheduled non-public meetings	City Manager		2024-2028	Number of Virtual Meetings Held
Measure T-2 Use alternative modes (includes bike/e-bike share program) for non-work trips						
T-2.1	Environmentally Friendly Transportation Options	Promote alternative environmentally friendly transportation such as bicycles, e-bicycles, shuttle services connecting major destinations and residential areas and schools, public transit	City Manager		2024-2028	Number of Interventions Methods Used to Promote Number of People Using Alternative Modes
T-2.2	Bike and Walk Opportunities	Expand pedestrian and bikeway network	Public Works	City Managers	2024-2028	Number of Projects Miles of Bicycle Lanes Added or Improved Miles of Sidewalk Added or Improved
T-2.3	15-Minute City Analysis	Conduct an analysis at the community scale to determine options to employ the 15-Minute City concept	Consultant; Public Works	City Managers	2026	Analysis Completion
Measure T-3 Provide intra-city electric shuttle (covering destinations and schools in the city)						
T-3.1	Intra-City Electric Shuttle	Expand transportation offerings such as e-shuttles within the community and school buses, and increase specialized transportation options for older adults	City Manager	Public Works; Parks and Rec	2024-2028	Develop Options for the E-Shuttle Programs and Routes Number of Offerings Ridership
Measure T-4 Electrify school buses						
T-4.1	Walk and Bike to School	Work with school districts to expand school bus options and provide bike, walk, and e-bike to school education programs for all students	City Manager		2024-2028	Number of Options Adopted Number of Safe Routes To School Programs Number of Education Programs in Collaboration with the School Districts
<b>STRATEGY: Low-carbon Emissions Vehicles</b>						
Measure T-5 Increase electric vehicles and electric vehicle charging infrastructure						
T-5.1	ZEV Rebate Information	Provide information to the residents on ZEV rebate opportunities (federal and state incentives)	City Manager		2024-2028	Methods Used to Promote Number of Residents Reached
T-5.2	Electric Vehicle Charging Stations	Work with the community to install and maintain at least 253 additional publicly-accessible charging stations by 2030 including both level 2 and DC fast chargers on public and private property	Public Works	City Managers	2024-2028	Number and Type of Chargers Installed
T-5.3	Funding for Public Electric Vehicle Chargers	Apply for CA/NEVI funding for public chargers as part of NEVI's I-5 corridor plan	City Manager	Public Works	2024-2028	Application Submission

Action Number	Action Name	Description	City Lead Department	Supporting Department(s)	Timeframe	Key Performance Indicators
T-5.4	Identify Electric Infrastructure Needs	Work with SDG&E/CEA to identify the areas that need updated infrastructure for supplying enough electricity for charging stations	City Manager	Public Works	2024-2028	Analysis Completion Number of Areas Identified
T-5.5	Electric Vehicles	50% ZEVs purchased by 2024; 100% ZEVs purchased by 2027	Public Works	City Managers	2025-2028	Number and Types of Vehicles Purchased
<b>PATHWAY: Decarbonize Buildings</b>						
<b>STRATEGY: Increase Energy Efficiency</b>						
Measure B-1 Implement energy efficiency measures						
B-1.1	Energy and Water Benchmarking	Consider an Energy and Water Building Benchmarking and Performance Standards for existing buildings	Community Development	City Manager	2026-2028	Evaluation Conducted
B-1.2	Energy Efficiency Incentives	Promote incentives to improve the efficiency of electricity consumption (e.g., smart load management, energy monitoring devices, LED lighting)	City Manager		2024-2028	Number of Interventions Methods Used to Promote
B-1.3	Dynamic Energy Pricing	Promote rate structures that incentivize shifting of loads to sunny times (dynamic pricing)	City Manager		2024-2028	Number of Interventions Methods Used to Promote
<b>STRATEGY: Electrify Appliances &amp; Equipment</b>						
Measure B-2 Build all-electric new construction						
B-2.1	Electrification Ordinance	Implement Building Electrification Ordinance 528 for new construction	Community Development	City Manager	2024-2028	Evaluate Ordinance Replacement Options New Ordinance Adoption
Measure B-3 Replace gas appliances at end-of-life with electric appliances						
B-3.1	Financing and Programs	Identify and cultivate programs, financing and technologies which will promote the replacement of methane gas with electricity	City Manager		2026-2028	Number of Programs Identified Methods Used to Promote
B-3.2	Building Electrification Incentives	Promote incentives to electrify gas appliances & equipment	City Manager		2024-2028	Number of Interventions Methods Used to Promote
<b>PATHWAY: Decarbonize Electric Supply</b>						
<b>STRATEGY: Increase Renewable Energy Sources</b>						
Measure E-1 Increase to 100% renewable electricity citywide						
E-1.1	100% Renewable Supply (community)	Make CEA's 100 percent renewable/carbon free electricity option the default option for Solana Beach by 2035	City Manager		2028	Adoption of Policy
E-1.2	100% renewable supply (municipal operations)	Enroll all municipal electricity accounts to CEA's 100% renewable/carbon free option by 2025	City Manager		2024-2028	Enrollment of Municipal Accounts Municipal Electricity Use
<b>STRATEGY: Increase PV Capacity and Decentralize Energy Storage Capacity</b>						
Measure E-2 Increase installation of photovoltaic and battery storage						
E-2.1	Community Solar	Identify sites suitable for Community Solar (incl. over parking lots) to meet the City's electric demand that is not met by rooftop PV	Consultant; Public Works	City Manager	2026	Evaluation Conducted Sites Identified PV Capacity Installed at the Sites

Action Number	Action Name	Description	City Lead Department	Supporting Department(s)	Timeframe	Key Performance Indicators
E-2.2	Rooftop Solar	Promote the growth of rooftop PV in Solana Beach toward what is needed for greater than 50% electric self-sufficiency	Community Development	City Manager	2024-2028	Number of Interventions Methods Used to Promote Number of Residents Reached Rooftop PV Capacity
E-2.3	Energy Storage	Promote local incentives for energy storage (including cars & buses)	City Managers		2024-2028	Number of Interventions Methods Used to Promote Number of Residents Reached
E-2.4	Microgrids	Consider third-party microgrid(s) in Solana Beach	City Manager; Community Development	Public Works	2028	Evaluation Conducted
E-2.5	Renewables and Storage on Municipal Facilities	Complete an analysis to identify and evaluate opportunities to install renewable energy generation and energy storage projects at municipal facilities, including parking lots	Consultant; Public Works	City Manager; Community Development	2025	Analysis Completion

**PATHWAY: Circular Economy & Food System**

**STRATEGY: Restore and Enhance Natural and Working Lands**

Measure CS-1 Increase urban canopy cover

CS-1.1	Tree Inventory	Conduct an inventory to assess tree cover in the city	Consultant; Public Works	City Manager	2025	Inventory Completion
CS-1.2	Tree Incentives	Provide free trees or incentives for trees for residents and commercial developments	Public Works; City Manager		2026-2028	Number of Trees and/or Incentives Provided
CS-1.3	Urban Forestry Plan	Develop a comprehensive communitywide urban forestry plan and adopt a tree canopy coverage percentage target	Consultant; Public Works	City Manager	2026	Plan Completion Adoption of Target
CS-1.4	Trees in Public Spaces	Increase plantings of climate-appropriate trees, shrubs, and low-water non-invasive shade trees in public parks and	Public Works		2024-2028	Number of Trees Planted

Measure CS-2 Use native or drought tolerant species at landscape areas

CS-2.1	Energy and Water Benchmarking	Consider Energy and Water Building Benchmarking and Performance Standards for existing buildings	Community Development	City Manager	2026-2028	Evaluation Conducted
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**PATHWAY: Circular Economy & Food System (Reduce Methane and Other GHG Emitting Activities)**

**STRATEGY: Waste Reduction**

Measure W-1 Divert solid waste from landfill

W-1.1	Waste Diversion Education Program	Develop an education program to raise awareness about organic materials source reduction, reuse, upcycling, and recycling	Consultant; City Manager		2024-2028	Program Completion Number of Program Participants
W-1.2	Food Waste Awareness	Develop a communitywide, coordinated education campaign to raise awareness about food waste and recovery	Consultant; City Manager		2024-2028	Campaign Completion Number of Residents Reached

