



CITY OF NOVATO
CALIFORNIA

Sustainability Commission

AGENDA

Thursday, September 21, 2023 - 6:00 p.m.

Novato City Hall, 901 Sherman Avenue

Chair

Bob Brown

Vice Chair

Chris Yalonis

Members

Tim Blofeld, Zach Brownstone, Pablo Paster, Dhanya Subramanian, and Nicole Tai

Staff Liaison

Gretchen Schubeck

The Sustainability Commission welcomes your attendance at its meetings, which are held on the third Thursday of each month at 6:00 p.m. Your interest is encouraged and appreciated.

Public Participation Options

Members of the public may provide public comments and participate in Sustainability Commission meetings as follows:

- **Written Public Comments:** May be submitted via sustainability@novato.org. Written public comments received more than 3 hours before the start of the meeting will be distributed to the Commission prior to the meeting. Written public comments will not be read during the meeting.
- **In-person Public Comments:** May be made during the meetings, which are held at Novato City Hall, 901 Sherman Avenue.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the City Clerk at (415) 899-8986. Notification at least 48 hours prior to the meeting will enable the City to make reasonable accommodation to help ensure accessibility to this meeting. The Sustainability Commission may discuss and/or take action on any or all of the items listed on the agenda irrespective of how the agenda items are described.

A. CALL TO ORDER AND ROLL CALL

B. APPROVAL OF FINAL AGENDA

C. PUBLIC COMMENT

There is a three-minute time limit to speak, although the Chair may shorten the time based on the number of speakers or other factors. A speaker may not yield their time to another speaker.

For issues raised during Public Comment that are not on the published agenda, except as otherwise provided under the Ralph M. Brown Act, no action can legally be taken. The Commission may direct that the item be referred to the Staff Liaison for action or may schedule the item on a subsequent agenda.

D. CONSENT ITEMS

D.1 Approve minutes of meeting held August 17, 2023

E. GENERAL BUSINESS

These items include significant and administrative actions of special interest and will usually include a presentation and discussion by the Commission. They will be enacted upon by a separate vote.

E.1 Workshop: Climate Action Plan Update (Energy)

F. CONTINUING ITEMS

This section is for items that have previously been discussed at a Commission meeting.

F.1 Review and Provide Feedback on Revised Proposed Climate Action Plan Transportation Actions – Consultant Christine O'Rourke and Sustainability Coordinator Gretchen Schubeck

G. CONTINUING ITEMS

This section is used for Commissioners and the Staff Liaison to orally report on topics that can be considered for discussion at a future meeting.

G.1 Commissioner Reports

G.2 Staff Liaison Reports

H. ADJOURNMENT

Materials that are submitted to members of the Commission after the distribution of the meeting's agenda packet will be available upon request.

AFFIDAVIT OF POSTING

I, Gretchen Schubeck, certify that on September 18, 2023, the agenda was posted on the City Community Service Board at 922 Machin Avenue and on the City's website www.novato.org.

/ Gretchen Schubeck /
Gretchen Schubeck, Sustainability Coordinator



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CITY OF NOVATO
CALIFORNIA

Sustainability Commission

MINUTES

Thursday, August 17, 2023 - 6:00 pm

Novato City Hall, 901 Sherman Avenue, Novato

Chair

Bob Brown

Vice Chair

Chris Yalonis

Members

Tim Blofeld, Bob Brown, Zach Brownstone, Pablo Paster, and Dhanya Subramanian

Staff Liaison

Gretchen Schubeck

A. CALL TO ORDER AND ROLL CALL

The Commission was called to order at 6:02pm.

Commissioners Present: Tim Blofeld, Pablo Paster, Dhanya Subramanian, and Chris Yalonis (Vice Chair)

Staff Present: Jessica Deakyne (Assistant City Manager), Steve Marshall (Deputy Director, Community Development), Gretchen Schubeck (Sustainability Coordinator), Petr Skala (Associate Engineer)

B. APPROVAL OF FINAL AGENDA

Upon a motion of Commissioner Blofeld and second by Commissioner Subramanian, the Commission voted 4-0-3 to approve the final agenda.

AYES: BLOFELD, PASTER, SUBRAMANIAN, YALONIS

NOES: NONE

ABSENT: BROWN, BROWNSTONE, TAI

Motion carried.

C. PUBLIC COMMENT

None

D. CONSENT ITEMS

Upon a motion of Commissioner Blofeld and second by Commissioner Päster, the Commission voted 4-0-3 to approve the meeting minutes of June 15, 2023, and July 20, 2023.

AYES: BLOFELD, PÄSTER, SUBRAMANIAN, YALONIS

NOES: NONE

ABSENT: BROWN, BROWNSTONE, TAI

Motion carried.

E. GENERAL BUSINESS

E.1 Workshop: Climate Action Plan Update (Transportation)

- Climate Action Plan (CAP) consultant Christine O'Rourke presented an overview of greenhouse gas emissions generated from the transportation sector in Novato (PowerPoint attached). Transportation, mostly from passenger vehicles, accounts for approx. 63% of Novato's emissions.
- Following the presentation, Commissioners and members of the public were invited to join one of four topic-specific tables to review a set of draft transportation-related actions for potential inclusion in the updated CAP.
- Tables one, two, and three focused on community actions and table four on municipal actions. Topics included: 1) Electric Vehicles; 2) Bicycling and Micromobility, Walking, Public Transit, and Safe Routes to Schools; 3) Smart Growth, Employee Trip Reduction, Parking, and Traffic System Management and Idling; and 4) Employee Commute, Landscape Equipment, Fleet Vehicles, and Fleet Fuel and Idling.
- The 26 workshop participants (attendee list attached) reviewed the proposed actions and discussed whether to keep the action as proposed, or to modify. There was also an opportunity to propose new actions.
- A spokesperson for each table shared feedback to the full group and the CAP consultant and City staff will curate recommended changes/additions and present revised actions at the September 21, 2023, Commission meeting.

Public Comment

Zoe Reckas
Ingrid Ojeda

F. CONTINUING ITEMS

F.1 Adopt Draft FY 2023-24 Sustainability Commission Workplan

Coordinator Schubeck presented the revised draft FY 2023-24 Workplan based on feedback received from Commissioners at the July 2023 meeting.

Upon a motion of Commissioner Blofeld and second by Commissioner Päster, the Commission voted 4-0-3 to approve the draft FY 2023-24 Sustainability Commission Workplan and forward to the City Council for review and adoption.

AYES: BLOFELD, PÄSTER, SUBRAMANIAN, YALONIS

NOES: NONE

ABSENT: BROWN, BROWNSTONE, TAI

Motion carried.

F.2 Review and Adopt FY 2022-23 Annual Report

Upon a motion of Commissioner Paster and second by Commissioner Subramanian, the Commission voted 4-0-3 to adopt the Commission's FY 2023-23 Annual Report and forward to the City Council for review and filing.

AYES: BLOFELD, PASTER, SUBRAMANIAN, YALONIS

NOES: NONE

ABSENT: BROWN, BROWNSTONE, TAI

Motion carried.

F.3 Appoint Commissioners to Ad-Hoc Funding Sub-Committee

Upon a motion of Commissioner Blofeld and second by Commissioner Subramanian, the Commission voted 4-0-3 to appoint Commissioners Paster, Tai, and Yalonis to the ad-hoc funding sub-committee.

AYES: BLOFELD, PASTER, SUBRAMANIAN, YALONIS

NOES: NONE

ABSENT: BROWN, BROWNSTONE, TAI

Motion carried.

G. COMMISSIONER AND STAFF LIAISON REPORTS

G.1 Commissioner Reports

- Commissioner Paster noted that he has friends in a number of communities that have been impacted by wildfires in California and now also by the devastating wildfire in Lahaina.

G.2 Staff Liaison Reports

- Coordinator Schubeck shared that the Marin Wildfire Protection Authority has commenced work on the Greater Novato Shaded Fuel Break Project. She also noted that Novato Fire District has a matching grant program available to Novato residents for both vegetation removal and home hardening to reduce fire risk.
- Coordinator Schubeck shared that the City's Planning Division is preparing an RFP for the preparation of an Adaptation Strategy for Novato.

H. ADJOURNMENT

Upon a motion by Commissioner Paster and second by Commissioner Blofeld, the Commission voted 4-0-3 to adjourn the meeting at 8:09pm.

AYES: BLOFELD, PASTER, SUBRAMANIAN, YALONIS

NOES: NONE

ABSENT: BROWN, BROWNSTONE, TAI

Motion carried.

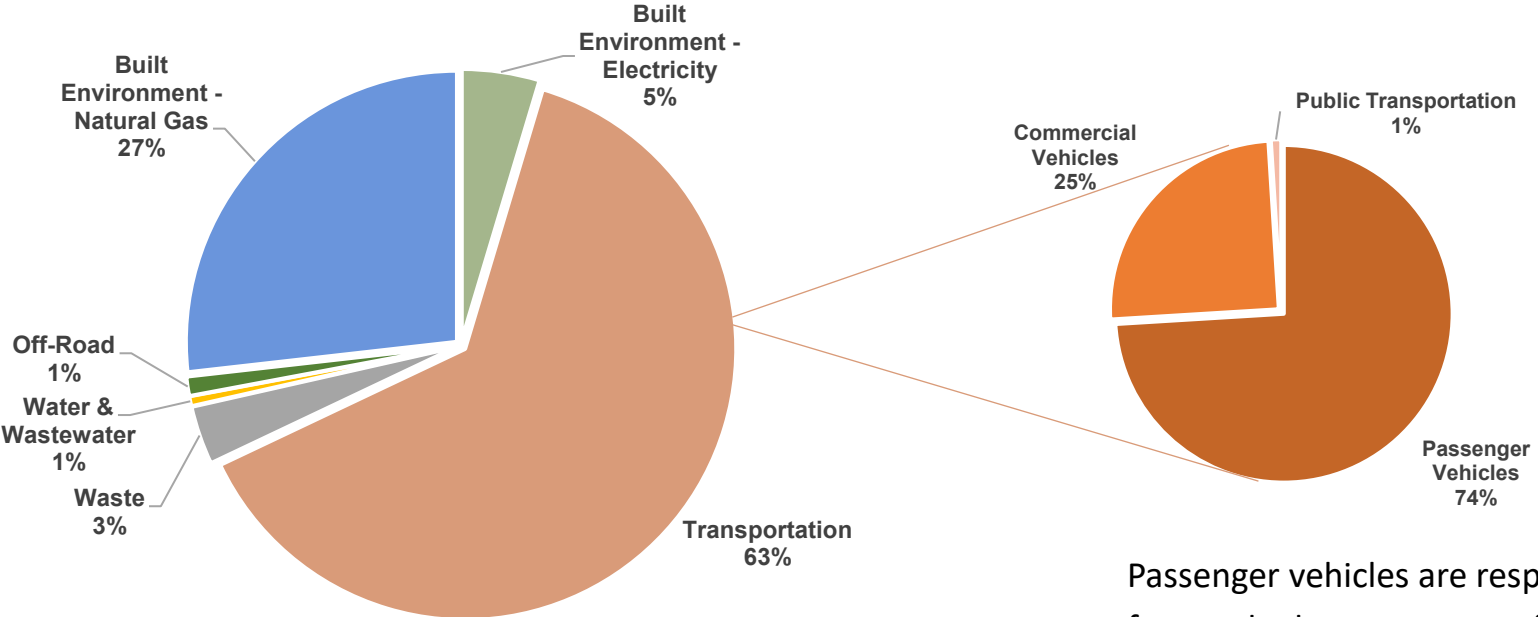


Climate Action Plan Transportation Actions

Novato Sustainability Commission

August 17, 2023

Transportation Emissions



Passenger vehicles are responsible for nearly three-quarters of transportation emissions

Emissions from the Transportation sector are responsible for more than 60% of community emissions (2021)

Transportation Emissions: Reduction Measures

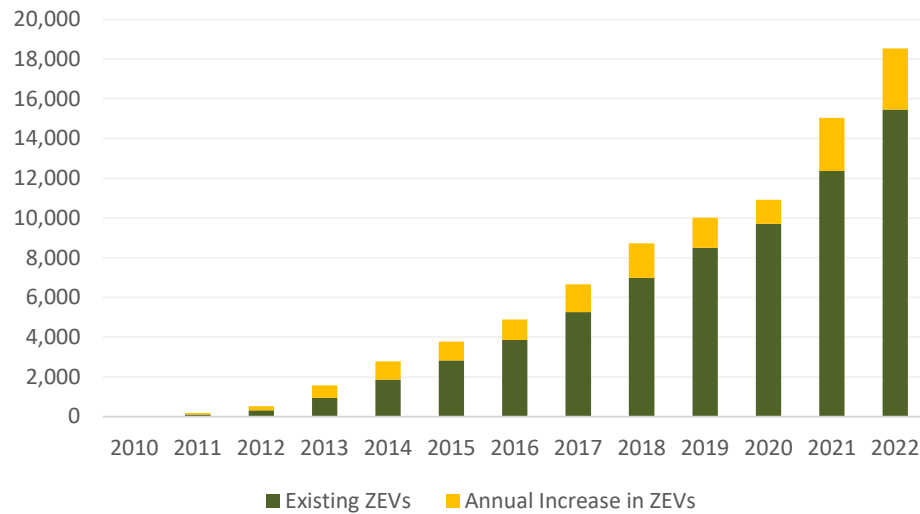
Measures to Reduce Community Emissions

- Electric Vehicles
- Biking and Micromobility
- Walking
- Safe Routes to School
- Public Transit
- Employee Trip Reduction
- Traffic System Management
- Vehicle Idling
- Smart Growth Development
- Zero Emission Landscape Equipment and Small Off-Road Equipment

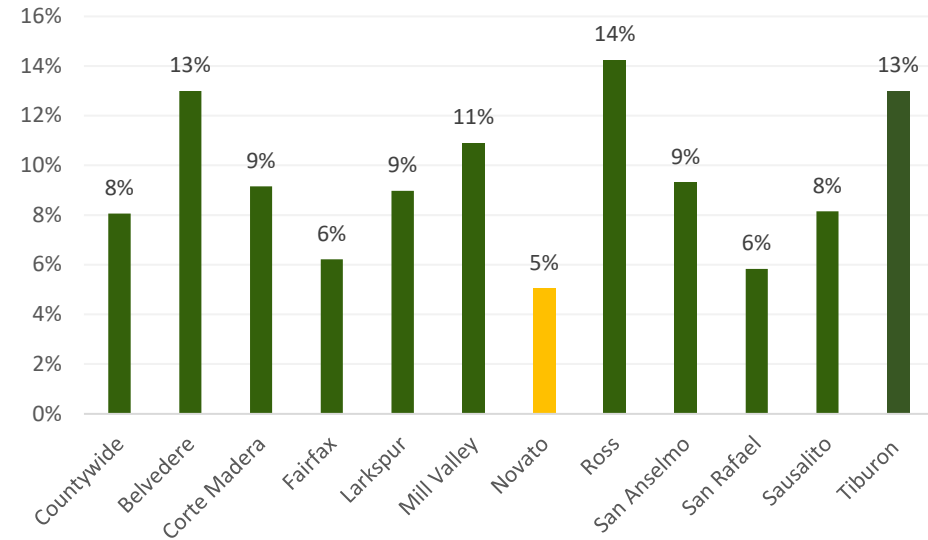
Measures to Reduce Local Government Emissions

- Zero and Low Emission Vehicle Fleet
- Low Carbon Fuels and Idling
- City Employee Commute

Zero Emission Vehicles: Existing Conditions



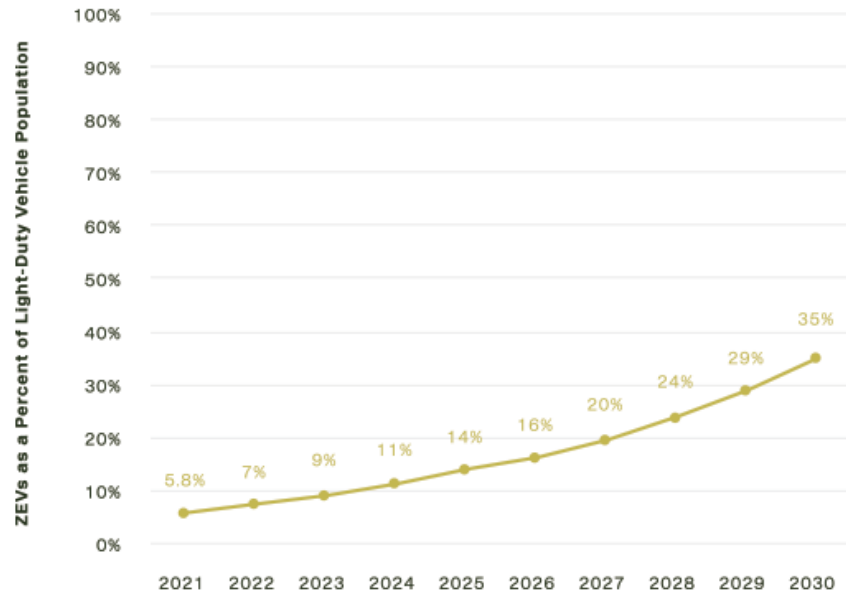
- 15,449 ZEVs in Marin at the end of 2022 – 25% increase since 2021
- ZEVs include battery electric (71%), plug-in hybrid (29%), and fuel cell electric vehicles <1%)



- Countywide, 8.1% of registered passenger vehicles were ZEVs in 2022 (5.8% at end of 2021)
- Statewide, 3.9% of registered passenger vehicles are ZEVs

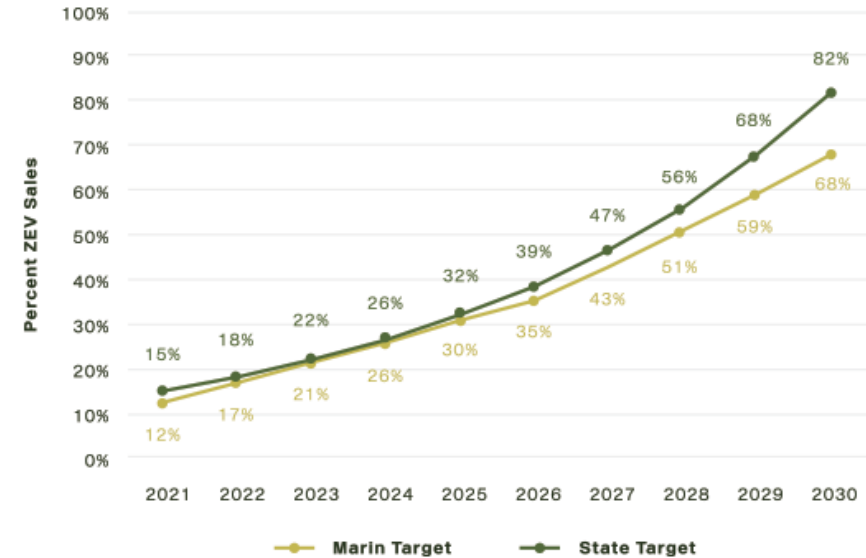
ZEV Registrations and Sales to Meet ZEV Targets

Projected Marin ZEV Population for 35% Target



- Annual growth rate has averaged 22% over past 3 years
- Need to sustain 21% annual growth rate to get to 35% adoption rate by 2030

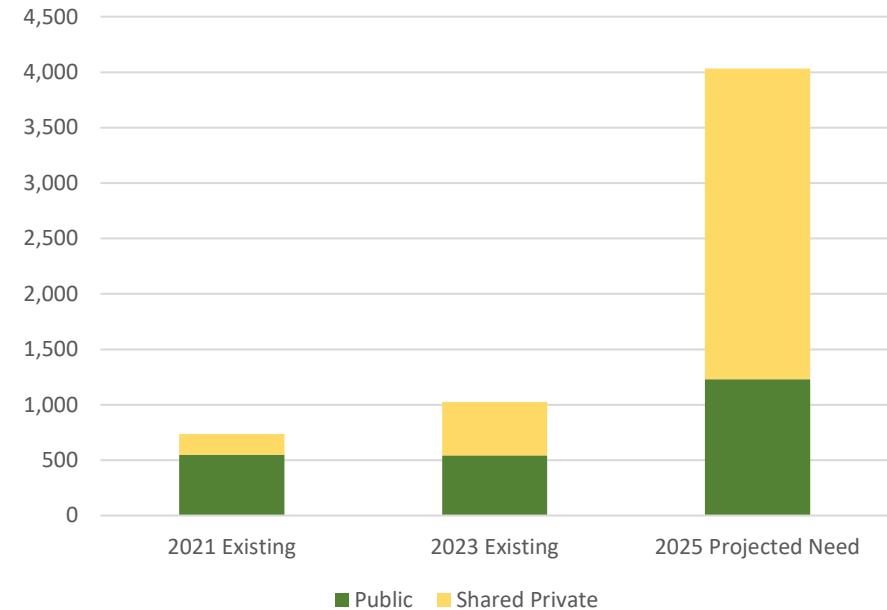
Percent New ZEV Registrations vs. State New Sales Targets



- Advanced Clean Cars II Rule sets annual ZEV sales targets beginning in 2026 to achieve 100% ZEVs by 2035
- Statewide, ZEV sales are currently 25% of light duty vehicle sales. In Marin, it's 38%.

EV Charging Needs

- According to California Energy Commission data, there are 542 public and 484 shared private chargers in Marin. 83 are fast chargers
- The number of single-family home chargers is undoubtedly much higher.
- 71% of housing units in Marin are single family homes; in Novato, it's 74%
- Greatest need is for shared private chargers in multifamily buildings and at workplaces
- Opportunity to ensure new multifamily buildings are ready for an all-electric future



Countywide EV Acceleration Strategy

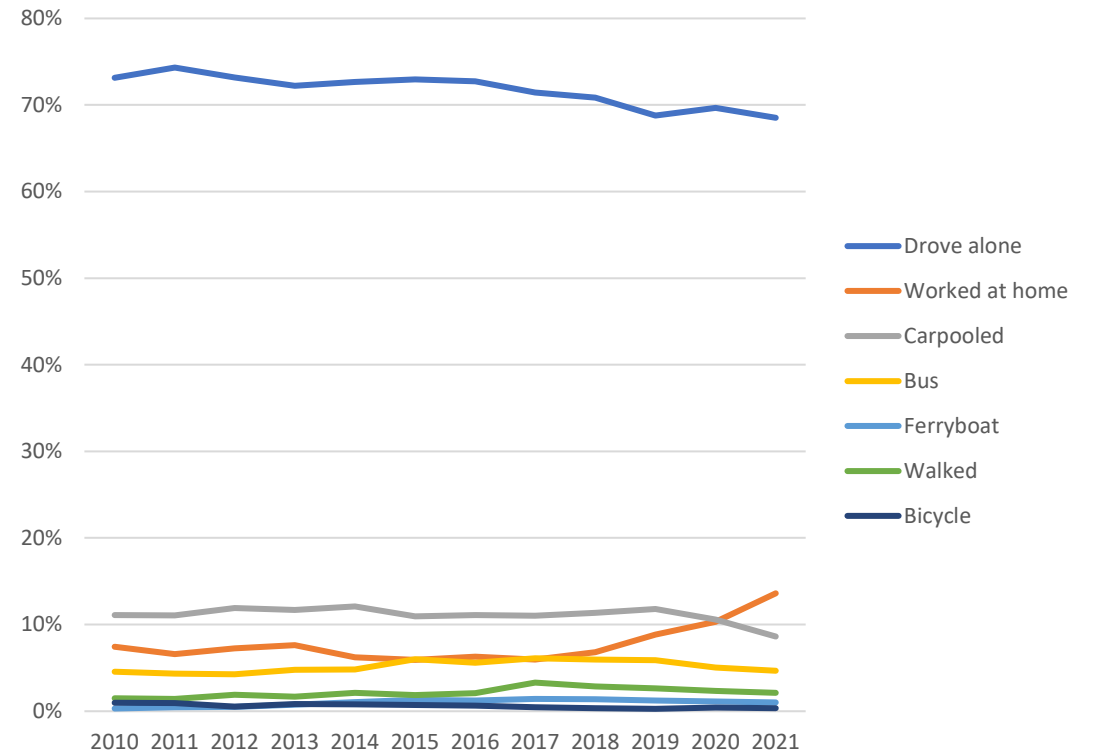
- 36 actions in four areas
- Expectation is that jurisdictions will identify and prioritize specific actions for implementation
- Sample Workplan provided in the appendix for this purpose
- Program in CAP could be to implement the EV Acceleration Strategy



Alternative Mobility

- City of Novato Bicycle and Pedestrian Plan (2015) and Addendum (2023) identify improvements and programs
- Safe Routes to School surveys show non-green trips decreased from 65% in 2013 to 64% in 2022
- Small decline in people driving to work and a small increase in people working from home
- Public transit ridership decreased due to COVID
- Public transit fleets are transitioning to all-electric

MEANS OF TRANSPORTATION TO WORK



City Fleet and Employee Commute

- City currently has three electric passenger vehicles and 5 e-bikes
- The Police Department has transitioned the majority of their pursuit vehicles to hybrid models
- City employee commute emissions increased 2% between 2016 and 2019



Land Use and Development

- Compact, in-fill development near transit results in lower transportation emissions
- Parking requirements can promote a walkable community
- Signal synchronization reduces vehicle emissions
- Idling limits
- Newly manufactured small, off-road equipment must be zero emission starting in 2024



Workshop and Commission Deliberation

- Interactive discussions at topic stations – 20 minutes
 - Electric Vehicles
 - Alternative Mobility (Bicycling, Walking, Micromobility, Transit, Safe Routes to School, Vehicle Idling)
 - Land Use and Development (Smart Growth, Parking, Employee Trip Reduction)
 - City Operations (Fleet, Equipment, Traffic Management, Employee Commute)
- Report out from station spokespersons – 20 minutes
- Commissioner discussion and recommendations – 40 minutes





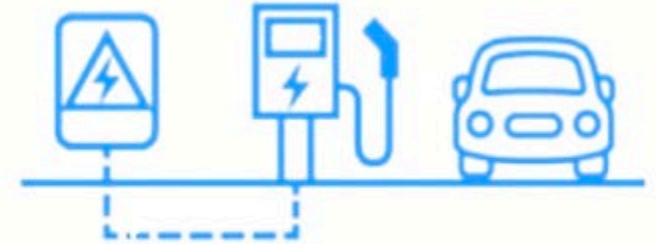
EV Capable

- A vehicle space with electrical panel space and load capacity to support a branch circuit and necessary raceways, both underground and/or surface mounted, to support EV charging.



EV Ready

- A vehicle space which is provided with a branch circuit or wired outlet plus any necessary raceways, both underground and/or surface mounted, to support EV charging.



EV Installed

- A vehicle space with installed Level 2 or Level 3 EV charger.

Marin County Reach Code

- Single family, two-family, townhomes with private garages, and ADUs with dedicated parking: one EV ready space.
- Multifamily: 85% of parking spaces are EV ready with low power Level 2 receptacles, and the remaining 15% of parking spaces must have Level 2 EV chargers installed.
- Hotels and motels: 35% of the parking spaces must be EV ready with low power Level 2 receptacles; 10% must be EV capable; and 10% must have level 2 EV chargers installed.






Marin County Reach Code: New Non-residential Buildings

- 0-33% of spaces with installed Level 2 chargers, depending on number of spaces. 0-50% EV Capable, depending on number of spaces.



EV Reach Code Status

Jurisdiction	New Construction All-Electric	EV Infrastructure Reach	Single-Family Renovations Energy Reach
Marin County			
Fairfax			
Tiburon (pending)			
San Rafael			Considering
Corte Madera			
San Anselmo			
Sausalito	Considering	None	
Larkspur			
Ross			
Mill Valley	None	None	None
Novato			
Belvedere			