



CITY OF NOVATO
CALIFORNIA

Sustainability Commission

AGENDA

Thursday, April 18, 2024 - 6:00 p.m.

Novato City Hall, 901 Sherman Avenue

Chair

Bob Brown

Vice Chair

Chris Yalonis

Members

Tim Blofeld, Zach Brownstone, Pablo Paster, 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 on February 15, 2024

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 Presentation: 2022 Greenhouse Gas Emissions Inventory (Christine O'Rourke, O-Rourke & Associates)

E.2 Presentation – NUSD School Electrification Resolution (Dhanya Subramanian, Sustainability Commissioner)

F. CONTINUING ITEMS

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

F.1 Review FY 2023/24 Workplan Progress and Discuss FY 2024/25 Goals (Gretchen Schubeck, Sustainability Coordinator)

F.2 Subcommittee Updates (Gretchen Schubeck, Sustainability Coordinator)

G. COMMISSIONER & STAFF LIAISON REPORTS

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 April 15, 2024, 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



Follow us on Facebook, Twitter, YouTube, Instagram, NextDoor & Nixle



CITY OF NOVATO
CALIFORNIA

Sustainability Commission

MINUTES

Thursday, February 15, 2024 - 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

Commission Chair Brown called the meeting to order at 6:02pm.

Commissioners Present: Tim Blofeld, Bob Brown (Chair), Pablo Paster, Nicole Tai, and Chris Yalonis (Vice Chair)

Staff Present: Jessica Deakyne, Assistant City Manager and Gretchen Schubeck, Sustainability Coordinator

Others Present: Christine O'Rourke, O'Rourke & Associates

B. APPROVAL OF FINAL AGENDA

Upon a motion of Commissioner Brown and second by Commissioner Paster, the Commission voted 5-0-2 to approve the final agenda.

AYES: BLOFELD, BROWN, PASTER, TAI, YALONIS

NOES: NONE

ABSENT: BROWNSTONE, SUBRAMANIAN

Motion carried.

C. PUBLIC COMMENT

Stella Paster

D. CONSENT ITEMS

Upon a motion of Commissioner Tai and second by Commissioner Paster, the Commission voted 5-0-2 to approve the meeting minutes of January 18, 2024.

AYES: BLOFELD, BROWN, PÄSTER, TAI, YALONIS

NOES: NONE

ABSENT: BROWNSTONE, SUBRAMANIAN

Motion carried.

E. GENERAL BUSINESS

E.1 Presentation – Countywide Building Electrification Plan (PowerPoint attached)

- Brian Reyes, Sustainability Planner with the County of Marin presented an overview of the *Countywide Building Electrification Plan* development process to date (now referred to as the *Countywide Building Electrification Roadmap*).
- The presentation agenda included:
 - An update on the 9th Circuit ruling and ramifications for all electric reach codes;
 - Highlights and findings from workshops with industry, agency, and community stakeholders;
 - Roadmap development timeline; and
 - Time for Commissioners to make comments and ask questions.
- Reyes requested that Commissioners and staff share the link to the electrification survey (opened on 2/16/24) and the draft Roadmap (projected release: 3/25/24)
- Reyes also requested that Commissioners and staff reflect on accomplishments to date in Novato in regard to electrification, and what further work could be done to support implementation of the Roadmap.

Public Comment

None

E.2 Study Session – Draft Climate Action Plan (CAP) Actions (PowerPoint attached)

- Christine O'Rourke presented an overview of the draft CAP actions.
- Commissioners asked questions, provided comments, and agreed to provide final feedback to Coordinator Schubeck by January 22, 2024, before distribution to internal and external stakeholders.
- O'Rourke and Schubeck will distribute the draft actions to internal and external stakeholders and host meetings to receive input over the next few weeks.
- Schubeck will be making a presentation to the City's Department Head Team on February 28, 2024 to provide an overview of the CAP update process to date.

Public Comment

Andrea

F. COMMISSIONER AND STAFF LIAISON REPORTS

F.1 Commissioner Reports

Commissioner Tai shared that the Reuse Alliance is co-hosting a Reuse/Repair Fair in Santa Rosa on February 17, 2024

F.2 Staff Liaison Reports

Coordinator Schubeck shared that the Commission's recommendation that the City Council consider adopting an electric vehicle infrastructure reach code was included in a recent City Manager weekly memo sent to all Council members.

G. ADJOURNMENT

Upon a motion of Commissioner Tai and second by Commissioner Yalonis, the Commission voted 5-0-2 to adjourn the meeting at 8:09pm.

AYES: BLOFELD, BROWN, PÄSTER, TAI, YALONIS

NOES: NONE

ABSENT: BROWNSTONE, SUBRAMANIAN

Motion carried

DRAFT



Climate Action Plan (CAP) Draft CAP Actions - Study Session

Novato Sustainability Commission

February 15, 2024

LOW CARBON TRANSPORTATION ACTIONS

LCT-C1: Zero Emission Vehicles

Accelerate the transition to zero emission vehicles.

1. Adopt the *Marin Countywide Electric Vehicle Acceleration Strategy* and develop a two-year workplan that identifies responsibilities, timelines, funding sources, and specific targets for each action selected. In future years, prioritize actions from the Strategy for implementation on a biennial basis.
2. Implement zero emission vehicle (ZEV) policies and programs that will result in at least 35% of passenger vehicles registered in Marin County to be ZEVs by 2030 and XX ZEVs in Novato.
3. Document and promote Novato's ZEV registration data as a means of tracking progress. As data becomes available from the state, compare local ZEV adoption rates to countywide, regional, and state benchmarks to evaluate policy and program effectiveness. Revise policies and programs as needed to achieve the ZEV adoption target for 2030.
4. Adopt green building standards that facilitate and accelerate the transition to ZEVs, micro-mobility, and reduced car dependence, and ensure new construction can meet future demand to avoid unnecessary retrofitting costs by:
 - a. Requiring multi-family and workplace ZEV charging infrastructure to exceed minimum state building code requirements; and
 - b. Adopting the Marin County model reach code for ZEV charging infrastructure or CALGreen (Title 24, Part 11) Tier 2 requirements.

LCT-C1: Zero Emission Vehicles

Accelerate the transition to zero emission vehicles.

1. Adopt the *Marin Countywide Electric Vehicle Acceleration Strategy* and develop a two-year workplan that identifies responsibilities, timelines, funding sources, and specific targets for each action selected. In future years, prioritize actions from the Strategy for implementation on a biennial basis.
2. Implement zero emission vehicle (ZEV) policies and programs that will result in at least 35% of passenger vehicles registered in Marin County to be ZEVs by 2030 and XX ZEVs in Novato.
3. Document and promote Novato's ZEV registration data as a means of tracking progress. As data becomes available from the state, compare local ZEV adoption rates to countywide, regional, and state benchmarks to evaluate policy and program effectiveness. Revise policies and programs as needed to achieve the ZEV adoption target for 2030.
4. Adopt green building standards that facilitate and accelerate the transition to ZEVs, micro-mobility, and reduced car dependence, and ensure new construction can meet future demand to avoid unnecessary retrofitting costs by:
 - a. Requiring multi-family and workplace ZEV charging infrastructure to exceed minimum state building code requirements; and
 - b. Adopting the Marin County model reach code for ZEV charging infrastructure or CALGreen (Title 24, Part 11) Tier 2 requirements.

5. Institute and/or promote incentives that encourage ZEV use and discourage the use of vehicles with internal combustion engines, such as providing priority and/or free parking for ZEVs.
6. Work with MCE, PG&E, the Transportation Authority of Marin (TAM), and other entities to identify multi-family and workplace sites appropriate for ZEV charging infrastructure incentive programs.
7. Conduct outreach and education to owners and property managers of multi-family buildings to promote ZEV charging incentive programs and encourage installation of charging infrastructure.
8. Collaborate countywide, and with third party vendors, to identify locations to facilitate the development of proposed regional Level 3 DC fast charging hubs and ZEV car share programs.
9. Pursue opportunities to expand the City's ZEV charging network by identifying suitable Level 2 and Level 3 DC fast charging locations. Study the feasibility of implementing innovative programs such as installing ZEV chargers at streetlight and curbside locations to increase equitable access to charging and/or creating a resilience hub for charging ZEVs during power outages.
10. Consider partnering with EV charging vendors to identify potential City-owned locations for EV chargers that may be installed at a reduced cost. Include reliability requirements in any such agreements.
11. Encourage Novato Unified School District and private schools in Novato to install ZEV charging infrastructure in school parking lots with staff, student, and public access.

12. Apply for grant funding and support programs that increase funding from regional, state, and federal agencies to meet the needs of ZEV owners.
13. Target policies to support ZEV adoption in low-income and disadvantaged communities.
14. Encourage the installation of ZEV charging infrastructure in existing commercial parking lots and gas stations by streamlining the permit process and reducing financial barriers, if practicable.
15. Participate in regional and coordinated local procurement efforts, outreach activities, and planning initiatives to accelerate ZEV adoption.
16. Participate in programs to promote ZEV adoption, including "Drive a ZEV" events and education and outreach campaigns produced by agency, community, and nonprofit partners. Promote these programs through City communication channels and seek opportunities to promote ZEVs at local events within Novato, including parades, festivals, and similar gatherings. Tailor outreach strategies and messages to targeted audiences (e.g., single family, multi-family, low-income).

LCT-C2: Bicycling and Micromobility

Encourage bicycling and micromobility as an alternative to vehicular travel.

1. Task the *Complete Streets and Pathways Oversight Committee* with identifying and prioritizing bicycle and micromobility projects with the greatest potential for reductions in vehicle miles traveled, including short- and long-term bikeway projects, and bicycle parking facilities.
2. Establish and maintain a safe, connected bicycle network and facilities that are consistent with the City's *Bicycle/Pedestrian Plan* and *Complete Streets* policy and implement recommended programs from the *Bicycle/Pedestrian Plan*.
3. Ensure that the City's Capital Improvement Program planning and budgeting process considers long-term maintenance and improvement of multi-use pathways and bicycling facilities consistent with the City's *Bicycle/Pedestrian Plan* and *Complete Streets* policy.
4. Promote safe bicycling and micromobility (including electric-bikes, scooters, and skateboards) through outreach channels and partner agencies.
5. Require at least one long-term, covered, and secure bicycle space for every two dwelling units for new and remodeled multi-family buildings. Continue to require new and remodeled commercial buildings to install bicycle parking facilities as per CALGreen (Title 24, Part 11) Tier 1 requirements.
6. Continue regional collaboration efforts to establish a bike and/or scooter share program, particularly at mobility hubs and SMART stations.
7. Consider pursuing *Bicycle Friendly Community* designation status from the League of American Bicyclists.

LCT-C3: Walking

Encourage walking as an alternative to vehicular travel.

1. Establish and maintain a system of pedestrian facilities that are consistent with the City's *Bike/Pedestrian Plan* and *Complete Streets* policy to facilitate pedestrian access throughout the City, particularly to and from local schools and transportation facilities.
2. Task the *Complete Streets and Pathways Oversight Committee* with identifying and prioritizing pedestrian projects with the greatest potential for reductions in vehicle miles traveled.
3. Ensure that the City's Capital Improvement Program planning and budgeting process considers maintenance and construction of infrastructure to improve pedestrian safety including lighting, sidewalks, and crosswalks.

LCT-C4: Safe Routes to Schools

Continue to support the Safe Routes to Schools Program.

1. Work with Novato Unified School District, the Transportation Authority of Marin (TAM), and other organizations to increase bicycling, walking, carpooling, and taking public transit to school.
2. Identify issues associated with unsafe bicycle and pedestrian facilities between neighborhoods and schools, apply for Safe Routes to Schools grants, and execute plans to improve pedestrian and bicycle facilities.

LCT-C5: Public Transit

Support and promote the use of public transit as an alternative to vehicular travel.

1. Work with Marin Transit, Golden Gate Transit, and SMART to maximize ridership by making transit more frequent, connected, accessible, cost-beneficial, and convenient through expansion and/or improvement of transit routes, schedules, and shelters.
2. Provide an attractive, well-lit, and comfortable Downtown SMART station and environs, including restoration or reuse of the former depot building.
3. Work with the Transportation Authority of Marin, employers, and others to provide *'first and last mile'* programs to maximize utilization of public transit.
4. Continue to collaborate with transit and transportation operators to develop shorter-route shuttle programs, similar to Marin Transit's Stagecoach program.
5. Encourage Novato Unified School District and private schools in Novato to promote discounted student transit passes and use of public transit to reduce school traffic.
6. Encourage transit providers, including Novato Unified School District, to purchase electric vehicles upon replacement.

LCT-C6: Employee Trip Reduction

Reduce vehicle miles traveled related to commuting.

1. Work with the Transportation Authority of Marin (TAM), the Metropolitan Transportation Commission (MTC) and the Bay Area Air Quality Management District (BAAQMD) to promote transportation demand management programs to local employers, including rideshare matching, vanpool incentives, emergency ride home, telecommuting, transit discounts and subsidies, showers and changing facilities, bicycle racks and lockers, bicycle and pedestrian pathways, and other incentives to reduce number of single occupancy vehicles.
2. Update the City's *Trip Reduction Ordinance* to reflect the most recent BAAQMD regulations.
3. Work with MTC to identify and notify Novato-based businesses that are out of compliance with BAAQMD's *Commuter Benefits Program* and encourage them to provide transportation demand management programs.

LCT-C7: Traffic System Management and Vehicle Idling

Reduce emissions from idling.

1. Implement signal synchronization and intelligent traffic management systems to minimize wait times at traffic lights, improve traffic flow, and guide vehicles to available parking.
2. Consider installing roundabouts, rather than signals and stop signs, to reduce idling, improve traffic flow, and reduce energy use, when feasible.
3. Encourage drivers and autonomous vehicles to limit vehicle idling through public outreach and engagement campaigns.

LCT-C8: Smart Growth Development

Reduce vehicle miles travelled through smart growth development.

1. Continue to promote land use and development policies that prioritize higher density infill housing and mixed-use development near commercial services and transit facilities, as opposed to development in peripheral areas that require use of vehicles to access transit and services.
2. Achieve multi-family housing development on housing opportunity sites identified in the *City's Housing Element 2023-2031* and apply existing inclusionary requirements for units affordable to lower-income households, as applicable.
3. Encourage pedestrian-oriented, rather than auto-dependent, uses in areas such as, but not limited to, Downtown, Pacheco Plaza, Hamilton Town Center, The Square Shopping Center, and other activity centers where mixed uses, shared parking (on and off-street), transit service, and other conditions facilitate pedestrian circulation and community interaction.
4. Encourage new commercial developments to enhance the pedestrian experience by creating pedestrian zones, pathways, and access points and using landscaping, lighting, and physical barriers from vehicular traffic to improve security and safety.
5. Encourage, and where possible require, the provision of bus stops, bus shelters, benches, lighting, turnouts, and related facilities in major new commercial, industrial, residential, and institutional developments that might be served by transit, when supported by transit agencies.

LCT-C9: Parking Requirements

Create a walkable and bikeable city.

1. Require secure bike parking, bike charging facilities, and bike staging areas at multi-family and commercial developments.
2. Consider reducing residential parking requirements in areas near high-quality alternative modes of transportation such as SMART stations, frequent bus service, and areas with multiple walkable/bikeable facilities nearby.

LCT-C10: Zero Emission Landscape and Small Off-Road Equipment

Reduce emissions from landscape and small off-road equipment.

1. Work with the local, regional, and state agencies to support phasing out the sale of fossil fuel-powered, small off-road engines currently regulated by the California Air Resources Board, including portable generators, mowers, chainsaws, edgers, hedge trimmers and string trimmers, log splitters, and pressure washers.
2. As part of the phase-out, consider promoting financial incentives and technical assistance to support income-qualified residents to transition to non-fossil fuel, small off-road engines, and develop a plan for enforcement.
3. Encourage the use of non-fossil fuel onsite generators with a focus on high-use generators. Promote the use of spider boxes for construction sites and inverter generators for targeted uses.

BE-C1: Building Electrification

Accelerate the electrification of Novato's residential and commercial building stock.

1. Develop and adopt a green building reach code that requires new residential and commercial construction to be all-electric and major single-family remodels to incorporate electrification measures.
2. Promote local, regional, and state technical assistance, incentive, rebate, and concierge programs to the community to support the electrification of residential and commercial buildings. Utilize the City's communication channels, including newsletters, website, print media, and social media, and provide information and handouts at the permit counter.
3. Advocate for increased funding from local, regional, and state agencies, and financing options such as utility on-bill financing and repayment programs.
4. Partner with other Marin jurisdictions to establish a 'hub' to provide information, demonstrate building electrification technologies, and provide in-person, online, and/or telephone education and support.
5. Explore partnering with trusted community-based organizations to conduct outreach and education to targeted populations.
6. Adopt green building reach codes that require homeowners and landlords to replace natural gas water heaters and space heating systems with heat pump water and space heaters at time of replacement if cost-effective.

7. Promote awareness and understanding of electrification options to the construction industry through education, outreach, and community partnerships.
8. Work with industry and workforce development groups, business associations, educational institutions, and local jurisdictions to accelerate contractor training with a focus on HVAC, electrical, and plumbing to ensure an adequate supply of trained professionals to meet anticipated electrification demand.
9. Streamline the building permit process for heat pump water and space heaters and electrical panel upgrades. Consider implementing a fee reduction pilot program to incentivize conversion of natural gas appliances to electric.

EE-C1: Energy Efficiency and Conservation

Promote and expand participation in residential and commercial energy efficiency and conservation programs.

1. Promote energy efficiency, demand response, and conservation benefits and programs. Partner with community organizations and local and regional agencies to implement outreach and educational campaigns.
2. Promote utility, state, and federal energy efficiency rebates and incentives and advocate for additional funding.

3. Promote financing and loan programs for residential and non-residential projects such as Property Assessed Clean Energy (PACE) programs, PG&E on-bill repayment, and California Hub for Energy Efficiency Financing (CHEEF) programs.
4. Provide guidance to renters on how to obtain energy usage, efficiency, and conservation information for rental units through outreach and education programs. Partner with community-based organizations to ensure that information is shared with disadvantaged residents.

EE-C2: Energy Audits

Support the efficient use of energy resources.

1. Collaborate with utilities and local, regional, and state agencies to promote energy audits for residential and commercial buildings. Explore opportunities to involve youth in energy auditing processes on Novato Unified School District campuses.
2. Work with the County and regional partners to study alternatives and draft regulations for Council consideration that would require energy audits for residential and commercial buildings prior to a property sale, as appropriate. Energy audits would include estimated cost savings from energy efficiency measures and potential financing options and would be provided with other disclosure requirements to potential buyers.

EE-C3: Cool Pavement and Roofs

Reduce the heat island effect and save energy.

1. Require the use of reflective, high albedo material for roadways, parking lots, sidewalks, and roofs (including re-roofs) to reduce the urban heat island effect and save energy.
2. Maintain and expand the use of urban tree cover for street-level temperature reduction and apply to become an Arbor Day Foundation Tree City USA by the end of 2024.

EE-C4: Low-Carbon Concrete

Reduce emissions from concrete use.

1. Adopt low embodied-carbon concrete standards similar to those adopted by the County of Marin.

EE-C5: Streamlined Permitting and Technical Assistance

Streamline processes that support green building.

1. Analyze current building permit and inspection processes to eliminate barriers and explore promoting and/or providing technical assistance to ensure successful implementation of green building requirements and electrification projects.
2. Coordinate with other Marin jurisdictions to adopt consistent building code requirements, where practicable.

RE-C1: Renewable Energy Generation and Storage

Support the transition to 100% clean energy.

1. Accelerate the installation of residential and commercial solar and battery storage systems through streamlined permitting, engagement campaigns, and incentives. Utilize a web-based platform like SolarApp+ to automate solar permitting. Consider reducing or waiving fees.
2. Require the installation of solar carports in parking areas on new commercial projects and large-scale residential developments. Encourage existing developments to install solar carports through development review when remodeling and/or agency incentives.
3. Identify and promote financing and loan programs for residential and commercial renewable energy projects and grant programs for renewable energy projects benefiting low-income and disadvantaged neighborhoods and residents.
4. Collaborate with the County, Marin jurisdictions, agencies, and organizations, as appropriate, to study opportunities to expand rooftop solar and battery storage.
5. Partner with other Marin jurisdictions and community organizations such as the Marin Builders Association to develop an education and outreach campaign targeted at local contractors and installers to increase awareness of solar incentives.
6. Develop an education and incentive program to encourage landlords to install solar.

RE-C2: Clean Electricity

Promote clean electricity from local utility providers and ensure sufficient capacity.

1. Encourage residents and businesses to switch to 100 percent renewable electricity (e.g., MCE Deep Green, MCE Local Sol, and PG&E Solar Choice) by highlighting the benefits of clean energy through engagement campaigns and promoting partner agency incentives.
2. Coordinate with utilities to plan future interconnection needs and build local capacity and energy resiliency.

RE-C3: Innovative Technologies

Explore opportunities to increase local energy resilience.

1. Investigate and pursue innovative technologies and programs such as microgrids, community solar, and demand-response programs that will improve local resilience and the electric grid's resiliency and help to balance demand and renewable energy production.
2. Explore partnering with solar developers on *Community Solar* projects to increase access to local, affordable, clean energy for low-income/disadvantaged residents.

ZW-C1: Waste Prevention, Reduction, Reuse, and Repair

Promote the waste management hierarchy to reduce waste to landfill.

1. Collaborate with public agencies, community organizations, local businesses, schools, and libraries, and utilize the full range of City outreach channels to educate residents and businesses on the benefits of waste prevention, reduction, reuse, and repair.
2. Encourage lifestyle choices that reduce consumption-based emissions including plant-based diets, travel alternatives, and local purchasing.
3. Partner with Zero Waste Marin, Marin County Libraries, and Novato Unified School District to establish lending libraries (tools, toys, costumes, etc.), makerspaces focusing on reusing and recycling materials, repair cafés/fix-it clinics, and clothing swaps.
4. Promote programs for hard to recycle (e.g., mattresses) and hazardous waste items such as paint, e-waste, batteries, household chemicals, etc.
5. Identify potential locations for material recovery businesses and encourage these businesses to locate in Novato.
6. Continue partnering with Novato Sanitary District, Recology, and Zero Waste Marin to reduce waste to landfill.

ZW-C2: Single-Use Disposable Items and Packaging

Reduce single-use waste.

1. Partner with County of Marin to ensure compliance with the Foodware Ordinance and support outreach and education efforts to local businesses.
2. Collaborate with Novato Unified School District to explore strategies to implement a reusable foodware program.
3. Require development of an approved Zero Waste Management Plan for all permitted special events (e.g., Art & Wine Festival, Rock the Block, etc.) and for City facility rentals with more than 30 people in attendance.

ZW-C3: Organic Waste Diversion

Reduce organic waste to landfill by 75% by 2030 and increase edible food recovery by 20% by 2025.

1. Continue partnering with Novato Sanitary District, Recology, and Zero Waste Marin to support implementation of commercial and organic waste diversion programs to meet SB 1383 requirements.
2. Support Novato Sanitary District, Zero Waste Marin, and local non-profit organization efforts to increase recovery and redistribution of edible food in Novato to meet SB 1383 requirements.
3. Encourage the community to notify food recovery organizations of both public and private fruit producing trees for volunteer gleaning activities and promote this service to the community during fruit production season.

4. Collaborate with Novato Sanitary District, Recology, Zero Waste Marin, and other organizations to identify outreach and education opportunities to motivate residents and business to utilize curbside collection services for organic waste.
5. Encourage Marin Master Gardeners to offer Master Composter Training to educate the public on the benefits of compost and to increase backyard composting.

ZW-C4: Waste, Recycling, and Composting Infrastructure

Ensure equitable access to waste, recycling, and organic waste infrastructure.

1. Amend the Novato Municipal Code to comply with state law to require that all new multi-family residential, new non-residential projects, and remodels of existing non-residential projects provide adequate individual and common storage areas for organic waste prior to collection by waste hauler, to avoid requests for waivers.
2. Amend the Novato Municipal Code to comply with state law to require that all existing multi-family and commercial properties provide adequate waste, recycling, and organic waste infrastructure to meet state waste diversion goals, reduce litter, facilitate waste sorting, and reduce contamination.
3. Work with the Novato Sanitary District to maintain a centrally located recycling center for the collection of recyclable materials and hazardous household waste.
4. Encourage multi-family developers to include community gardens and on-site composting facilities in development plans.

ZW-C5: Building Materials

Increase diversion and recycling of construction and demolition materials.

1. Collaborate with Zero Waste Marin to develop and distribute educational resources to promote sustainable demolition, deconstruction, and diversion of building materials.

WC-C1: Potable Water Use

Reduce indoor and outdoor water use in residential and commercial buildings and landscaping.

1. Partner with North Marin Water District (NMWD) to promote residential and commercial water conservation programs and incentives.
2. Explore opportunities to collaborate with NMWD on conservation-focused educational workshops for residents and training programs for professional landscapers.
3. Ensure all projects requiring City building permits, plan check, or design review comply with NMWD regulations.
4. Partner with NMWD and Novato Fire Department to develop landscaping recommendations to reduce fire risk and promote the use of drought tolerant, locally-adapted plant species.

WC-C2: Recycled Water Use

Increase recycled water use.

1. Consider adopting an ordinance requiring the use of recycled water for landscaping in new developments if recycled water is available.

WC-C2: Rainwater Harvesting and Greywater Capture

Increase residential rainwater harvesting and installation of greywater systems.

1. Encourage NMWD to adopt an ordinance requiring the installation of dual-plumbing water systems that utilize greywater for irrigation for new residential construction, including ADUs, and in major retrofits.
2. Promote NMWD rainwater harvesting and greywater system incentives and rebate programs.
3. Encourage NMWD to exempt residential rainwater and greywater systems that do not connect to the potable water system from backflow device requirements.

SA-C1: Urban Forest

Preserve and expand the urban forest.

1. Revise *Tree Removal Guidelines* to discourage the removal of mature and/or heritage trees. Require replacement trees be a minimum of 25-gallon size or require payment in-lieu to support mitigation planting in parks and open spaces.
2. Require that new developments provide a comprehensive assessment of existing vegetation on site and provide a plan to preserve existing healthy trees and native vegetation on site, to the maximum extent feasible. If trees and vegetation are unable to be preserved, require in-lieu fee to mitigate loss and fund replacement planting in parks and open spaces.
3. Update the *Approved Street Tree List* using latest scientific data to identify trees well-suited to Novato's unique growing conditions to support the City's efforts to increase biodiversity and sequester carbon.
4. Allocate funding to support the bulk purchase of trees to provide to private property owners at cost and seek funding to implement a tree giveaway program for qualifying low-income homeowners. Require all tree recipients to sign tree care agreement.
5. Maintain age and species diversity of native woodlands and preserve the health of both native and non-native trees and other vegetation, wherever feasible.

6. To ensure long-term health of trees planted in parking lots, revise parking lot landscape standards to require inside dimensions of tree wells be a minimum of 6 feet by 6 feet, trees be a minimum of 15-gallon size and curb cuts to allow for stormwater infiltration.
7. Require a three-year maintenance and replacement plan be implemented for all new trees planted in parking lots and new developments, with an assessment provided by a qualified arborist at the end of the three-year establishment period.

SA-C2: Healthy Soils

Increase carbon sequestration in soil.

1. Partner with community-based organizations to develop, incentivize, and implement on-site composting programs, and encourage the use of locally produced compost to create healthy, carbon-rich soils.
2. Provide information to the public, including landscape companies, gardeners, and nurseries, on carbon sequestration rates, drought tolerance, and fire resistance of different tree and vegetation species, as well as healthy soil management.
3. Require new development, redevelopment, and infrastructure projects to implement best management practices including low-impact design techniques, the minimal use of non-pervious surfaces in landscape design, and the integration of natural features into project design, to naturally filter and biodegrade contaminants, and minimize surface runoff, and reduce erosion.

SA-C3: Sea Level Rise

Prepare and adapt existing and new development and infrastructure to address sea level rise.

1. Collaborate with local stakeholders, County, state, and regional agencies with Bay and shoreline oversight, and with owners of critical infrastructure and facilities in local sea level rise planning and implementation to ensure resilience to rising sea levels.
2. Consider the potential for sea level rise when processing development applications, and for properties that are vulnerable to sea level rise implement freeboard requirement of two (2) feet for finished floor levels.
3. Partner with other Marin and Bay Area jurisdictions to petition the National Oceanic and Atmospheric Administration (NOAA) to install sea level rise measurement tools in the Pacific Ocean to more accurately model risk from rising seas on the west coast.
4. Partner with the Marin County Flood Control District to develop flood control projects and modify the City's land use regulations for areas subject to increased flooding from sea level rise.
5. Regularly update Geographic Information System (GIS) in partnership with Marin Maps to include sea level rise data as it becomes available and utilize GIS as a tool for tracking flood risks.
6. Encourage and support other public agencies in Novato (e.g., Novato Sanitary District, Novato Unified School District, North Marin Water District) to develop climate adaptation plans to protect critical infrastructure.

SA-C5: Climate and Community Resilience

Build community resilience to prepare for climate-driven events such as extreme heat, wildfire, poor air quality, and flooding.

1. Adopt a comprehensive Climate Change Adaptation Plan that prepares for, and responds to, the expected impacts of climate change, including the identification of populations and neighborhoods most vulnerable to these impacts. Ensure the fair and robust inclusion of lower-income households and diverse communities in the planning process.
2. Prioritize nature-based solutions and leverage traditional ecological knowledge to protect vulnerable areas and populations.
3. Coordinate and integrate climate adaptation planning consistently throughout the most up -to-date versions of related City plans, including but not limited to the General Plan and its Safety Element, Local Hazard Mitigation Plan (LHMP), Emergency Operations Plan, sea level rise adaptation plans, Community Wildfire Protection Plan, and capital improvement plans.
4. Collaborate with other Marin public agencies to coordinate adaptation planning efforts to maximize resources and avoid duplication.

5. Collaborate with public agency partners to develop outreach materials to educate the community about accessing resources to stay safe during climate-related events and utilize a variety of communications channels and tools to reach a broad cross-section of the community when conducting outreach.
6. Explore opportunities to build neighborhood or block-level climate resilience corps to support vulnerable residents and build community resilience.

COMMUNITY ENGAGEMENT

CE-C1: Community Education

1. Work with public, nonprofit, and community-based organizations, such as Resilient Neighborhoods, to educate and motivate community members to start or continue to reduce GHG emissions in their homes, businesses, transportation mode choices, and other activities, and increase community resilience through community-building activities.

CE-C2: Community Outreach and Engagement

1. Implement public outreach and behavior change campaigns to engage residents, businesses, and consumers around the impacts of climate change and the ways individuals and organizations can reduce their GHG emissions and create a more sustainable, resilient, and healthier community.

2. Emphasize and encourage citizens' involvement in reaching the community's climate goals, including innovative means of tracking milestones and comparing Novato's performance with other communities and with state, national, and global benchmarks.
3. Conduct meaningful outreach to and engagement with a wide variety of neighborhood, business, educational, faith, service, and social organizations. Develop programs in collaboration with community groups and the public, seeking to address environmental and social equity goals and reduce or avoid disparate impacts.
4. Inform the public about the benefits of installing energy and water efficient appliances and fixtures, electrifying homes and commercial buildings, installing solar energy systems, and purchasing 100% renewable electricity.
5. Inform the public about the benefits of using carbon-free and low-carbon transportation modes, such as driving electric vehicles, walking, bicycling, taking public transportation, and ride sharing.
6. Partner with MCE, PG&E, NMWD, Novato Sanitary District, Transportation Authority of Marin, Marin Transit, Golden Gate Transit, SMART, and other entities to promote available financing, audits, rebates, incentives, and services to the Novato community.
7. Utilize the City's website, newsletter, recognition programs, and other forms of public outreach.
8. Participate in countywide outreach and education efforts.

9. Utilize culturally relevant communication vehicles. Conduct workshops and publish materials in the primary language of affected populations.

CE-C3: Advocacy

1. Advocate at the state and federal levels for policies and actions that support the rapid transition to a circular and local resilience-based economy, GHG-free energy sources, electrification of buildings and the transportation fleet, and other impactful measures to sharply reduce greenhouse gas emissions.

CE-C4: Green Businesses

1. Encourage local businesses to participate in the Marin County Green Business Program.
2. Promote local, certified green businesses on the City's website and give them preference in City purchasing policies.

CE-C5: Innovation and Economic Development

1. Participate in local economic development and innovation working groups to explore public-private partnerships and to develop ways to decarbonize the local economy while spurring sustainable enterprise and equitable employment.

IMPLEMENTATION AND MONITORING

IM-C1: Annual Monitoring

1. Monitor and report on the City's progress annually. Create an annual priorities list for implementation using the Implementation Table in Appendix C.

IM-C2: Update GHG Emissions Inventory

1. Update the GHG emissions inventory for community emissions annually.

IM-C3: Funding Sources

1. Identify funding sources for recommended actions and pursue local, regional, state, and federal grants as appropriate.
2. Investigate creation of a local carbon fund or other permanent source of revenue to implement the Climate Action Plan.

IM-C4: Update the Climate Action Plan

1. Update the Climate Action Plan regularly, preferably every 5 years, to incorporate new long-term reduction targets and strategies to meet those targets and to adjust for any GHG reduction shortfall if performance goals are not on track to meet the GHG reduction target. When revising the Climate Action Plan, take into account any measures that are not being implemented, are no longer relevant to the community, are underperforming, or should be updated or added due to new technologies or other advances.

IM-C5: Project Compliance Checklist

1. Develop a project compliance checklist to be used when reviewing development proposals, use permit applications, and building permits to ensure compliance with Climate Action Plan measures.



Marin's Transition to an All-electric Future

A Residential Building Electrification Roadmap for Our Community

Summary of Results and Findings

Novato Sustainability Commission
2-15-2024

Agenda

Ninth Circuit?
CRA v Berkeley

Workshop
Series
Context

Plan
Development
Timeline

Workshop
Findings

**Discussion
Q&A**

Next Steps

Asks

COUNTY OF MARIN

Three Part Workshop Series

Workshop 1: 08/02/2023

Workshop 2: 09/27/2023

Workshop 3: 11/15/2023



Community Participant Stats



Three Workshops



7.5 – 10 Hours Total



42, 36, 26 attendees



Community-based Organizations (DACs, Aging-in-Place, Environmental)



Building Community (Realtors, Contractors, Architects, Developers)



Local Government Staff



Climate Commissioners



Utilities (PG&E, MCE)



40 Actions Recommended from 2024 to 2031

2023/2024 Plan Development Timeline



Community Workshop Findings



At-A-
Glance
“Key Component
Actions”



Code Requirements

All-electric, Energy Efficiency
Electric Readiness
New Construction
Renovations



Community Engagement

Equity and Access Lens
More People Centered
Community-based Orgs and Building Community
Workforce Development



Electrification and Energy Policies

Time of Listing/Sale
Follow EV Acceleration Plan
Manage Refrigeration and Appliance Disposal



Programs and Incentives

Central Hub for Resources
Increase Mass Marketing
Permit Streamlining
Neighborhood Electrification
Financing and Loan Options

Phased Timeline (2024-2031)

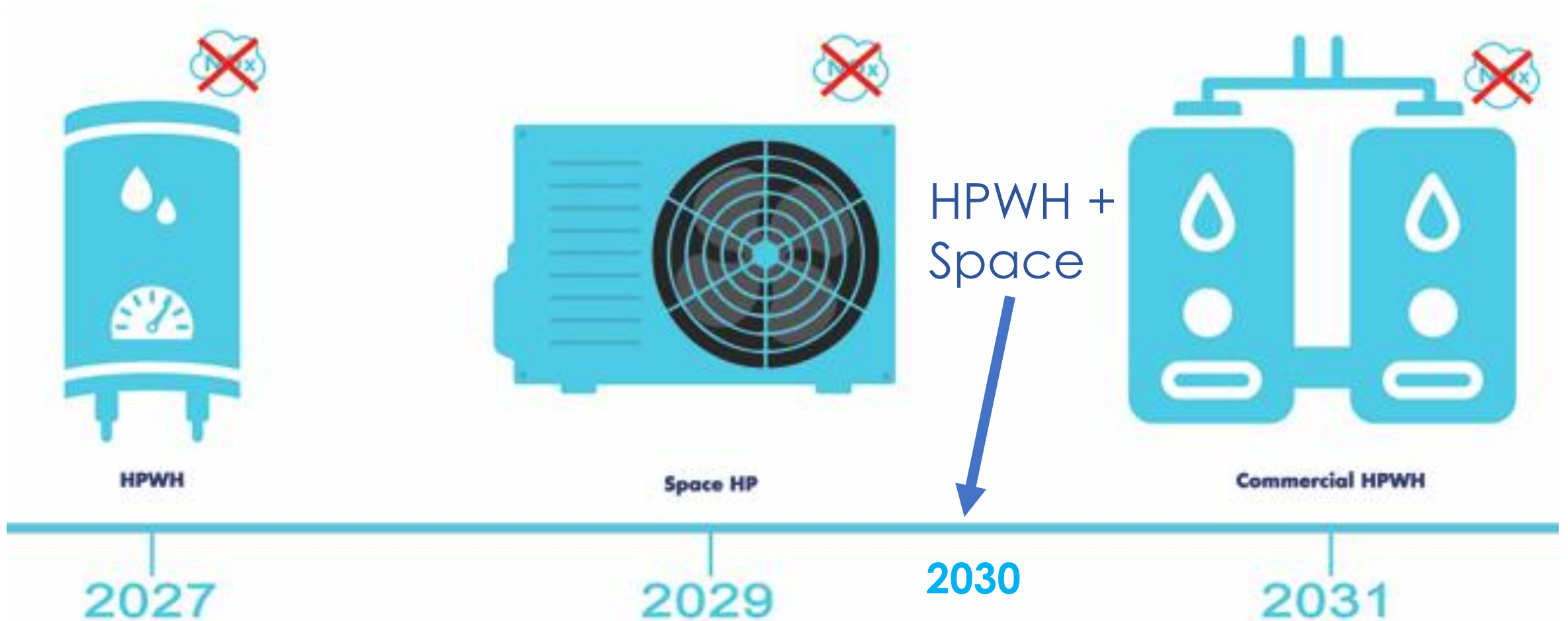
Immediate ('24-'25)

Near-term ('26-'27)

Long-term ('28-'31)

Regulatory Boundaries

Bay Area AQMD Time of Replacement + CA ARB Zero Emissions



Next Steps

- **(Since Mid-January) Me** Drafting Roadmap
- **(Today) Your** feedback session
- **(2/16) Public** “Key Components” release for feedback via Survey
- **(Beginning March) MCEP** Initial Draft Roadmap Document review
- **(3/15) Participants** Draft Roadmap Review
- **(3/25) Public** Draft Roadmap Release and Comment Period
- **(4/12) Public** Final Roadmap Document Published

Two Asks

- **Distribute** 2/16 [public survey](#) and 3/25 roadmap release to public via a media kit (coming soon)
- **Think about what you all have already done and maybe can work on to support implementation of the roadmap**
 - Reach Code Requirements
 - Central Hub implementation and outreach
 - What about Permit Streamlining, Holiday Sale, etc.?