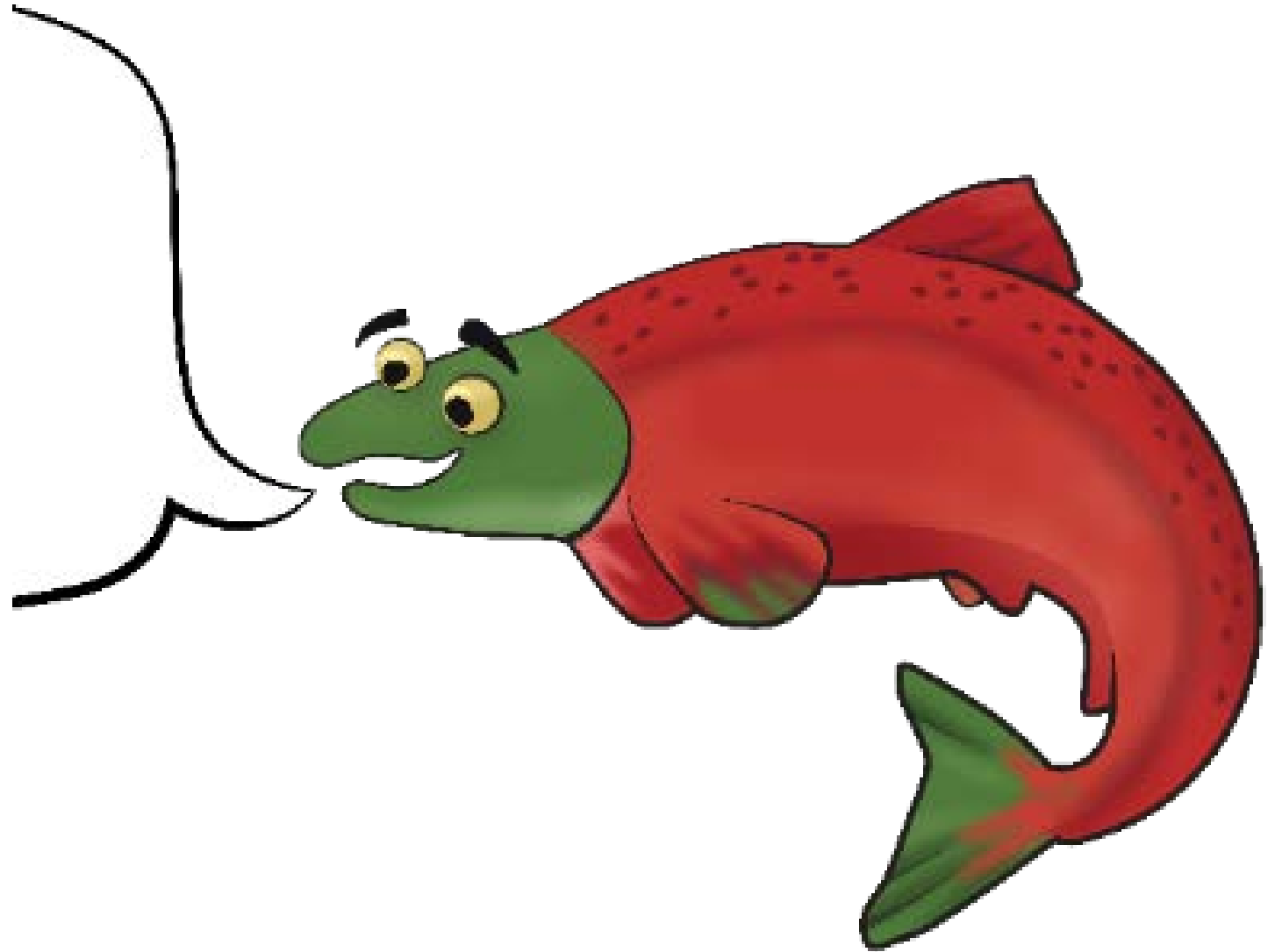


Lake Forest Park Climate Action Plan





Two Studies on Greenland Reveal Ominous Signs for Sea Level Rise

Some glaciers on the island are melting at double the rate of just a few decades ago.

U.S. has reduced greenhouse gas emissions

— but not enough to stop climate change impacts

“[Why wildfires are at their deadliest in more than a century.](#)” Scott Dance, Washington Post. “The massive wildfires can be linked to fire hazards — drought, wind, human-caused climate change — that have accelerated over recent decades.”

What the Melting of Antarctic Ice Shelves Means for the Planet



A Pond in Hawaii Turned Pink, Raising an Environmental Red Flag

Battling a Water Crisis: Bottles, Barges and Maybe a Quarter Billion-Dollar Pipe

New hardiness zone map will help US gardeners keep pace with climate change

Emperor Penguin Breeding Failure Linked With Antarctic Sea Ice Decline



Can we still avoid 1.5 degrees C of global warming?

Strictly speaking, it's not yet impossible to keep from heating our world more than 1.5 degrees Celsius beyond the average global air temperature of the mid-to-late 1800s, when the Industrial Revolution was gaining momentum.

Many California Cities Are Understaffed and Unprepared to Mobilize Climate Funds:

November 14th, 2023 | SETH BORENSTEIN, TAMMY WEBBER

[Worsening warming is hurting people in all regions, US climate assessment shows](#) VIEW

A dire new report says the U.S. is warming much faster than the world as a whole and faces frequent costly weather disasters — and it's only going to get worse.

Canada Will Require All New Car Sales to Be Zero Emissions by 2035

What are the Effects of Climate Change on Lake Forest Park?



Extreme heat days are increasing in number.



Heat waves affect health and well-being,



Reduced snowpack is affecting water supply.



Change in climate is impacting local gardens.



Climate change is expanding the habitats of disease-carrying insects and animals.



Increasing temperatures are adversely affecting water temperatures).



Wildfires are increasing in size and severity, creating smoky conditions.

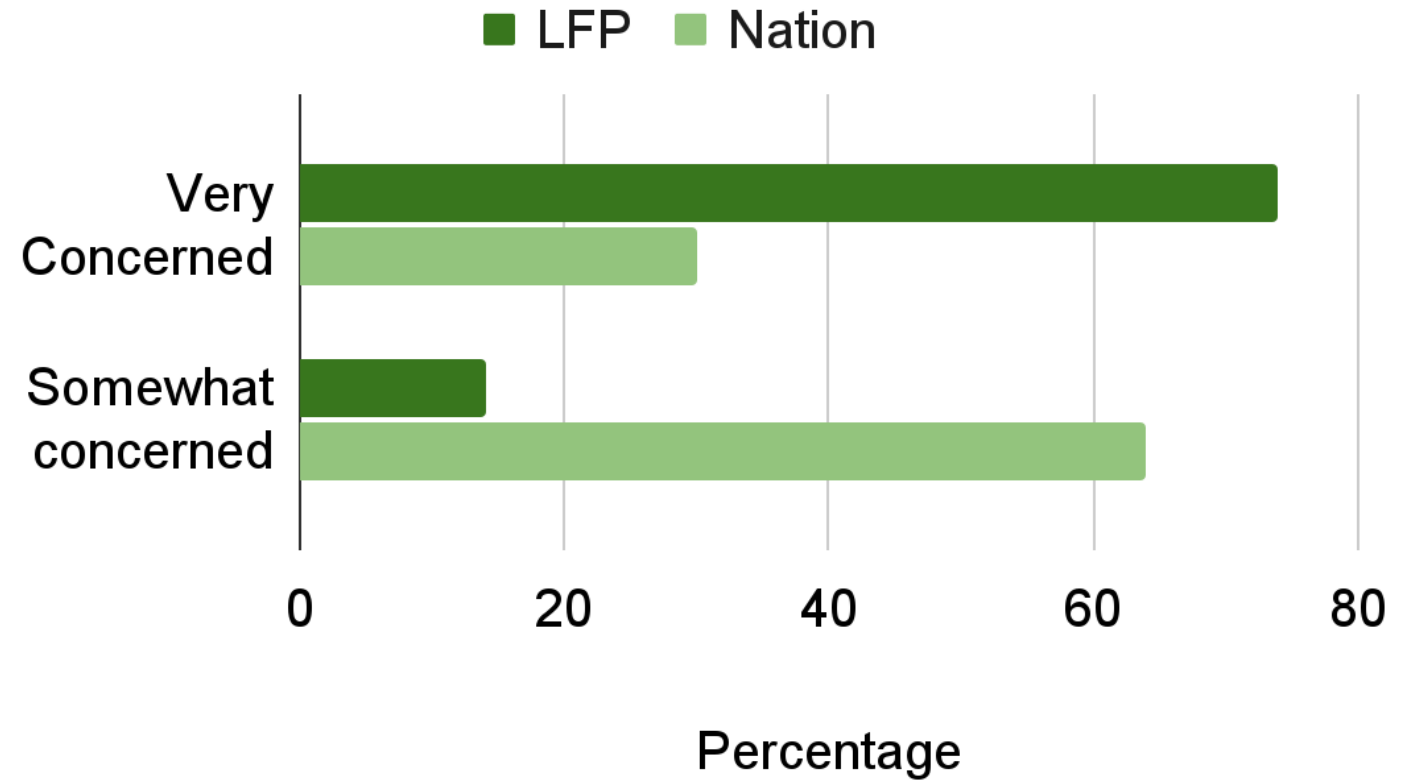


Rainstorms are becoming more intense.

THE COMMUNITY CARES VERY MUCH ABOUT CLIMATE CHANGE.

Our LFP survey asked residents “How concerned are you about climate change?” a question directly comparable to one asked by Yale Climate Communications, who surveyed the nation in July 2022.

Level of Concern About Climate Change



Lake Forest Park

Climate Action Plan

May 2024



Prepared by Lake Forest Park Climate Action Committee and edited by Cascadia Consulting Group

Committee Methods



Reviewed existing Climate Action Plans



Reviewed the [2015 LFP Comprehensive Plan](#) (City of Lake Forest Park 2016), the [100-year Legacy Plan](#)



Compiled demographic, energy use, and emission production trends of Lake Forest Park residents using 2020 US Census].



Identified strategies and actions for the five focus areas that will help the [City](#) and broader LFP community meet its climate goals.



Built collaborations between LFP and neighboring cities and communities, through city commissions, committees, boards, and task forces.

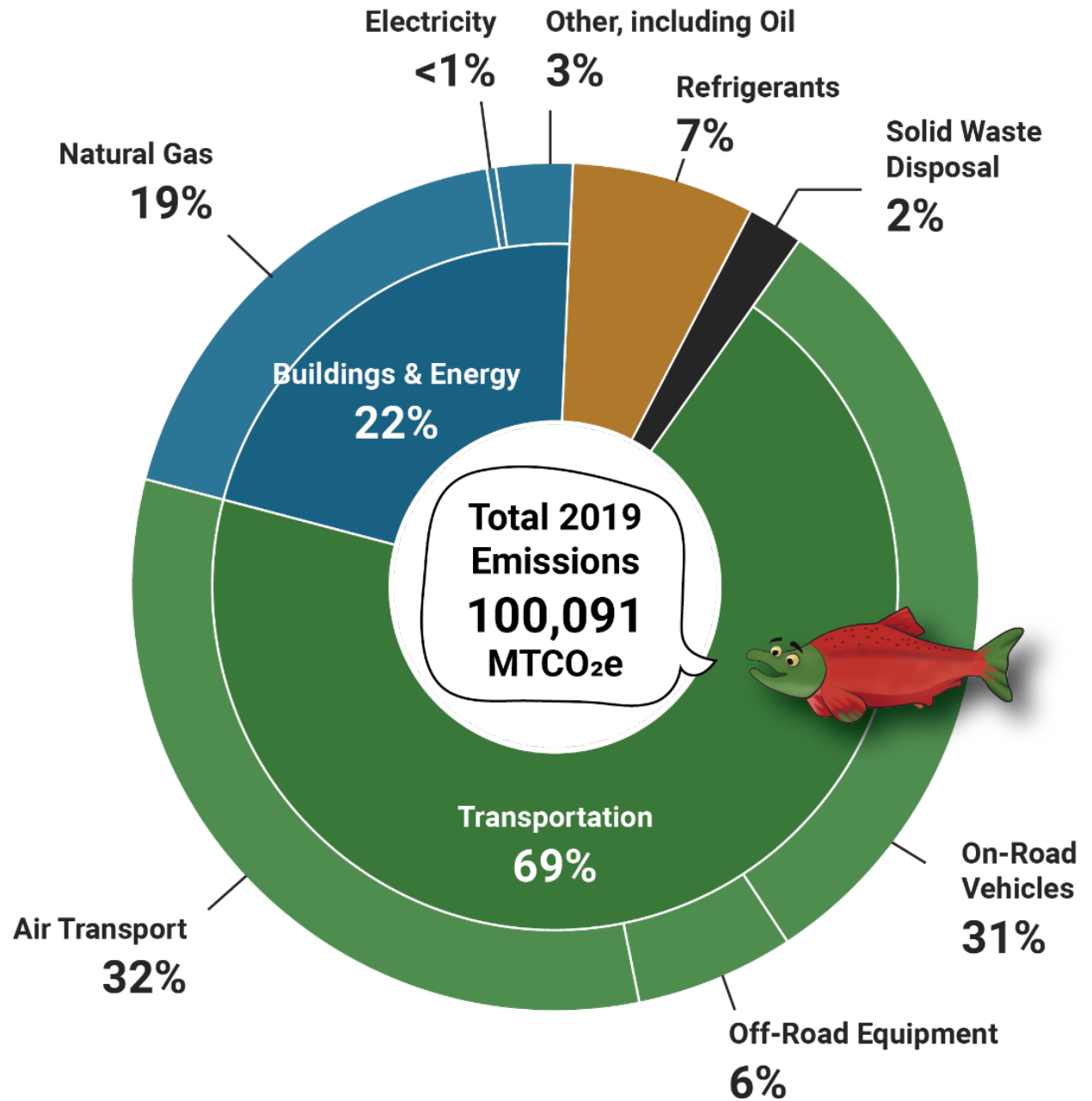


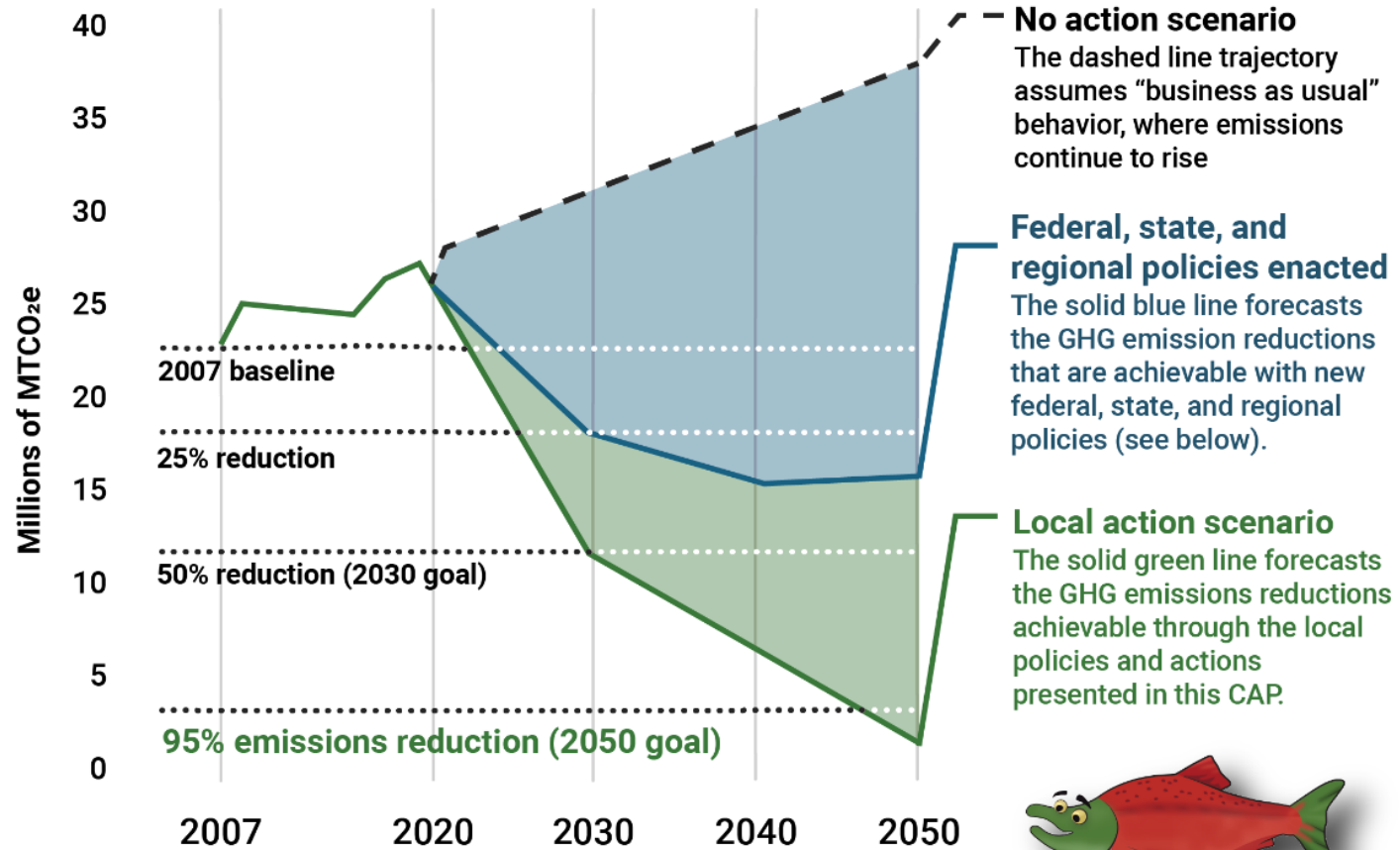
Engaged and surveyed LFP residents to gather insights and feedback



Identified potential funding sources to achieve the Climate Action Plan goals.

What are the Sources of Greenhouse Gas Emissions in Lake Forest Park?





Federal, state, and regional policies driving emissions reduction in Washington

- WA Energy Code
- WA Clean Building Act
- Federal Vehicle regulations
- WA Clean Fuel Standards
- WA Internal Combustion Engine Ban
- PSRC Regional Transportation Plan VMT Reduction
- WA Hydrofluorocarbon policies

Local sector-specific plans and scenarios driving emissions reduction in Lake Forest Park

- Aviation industry
- Regional marine, rail, and ferry transport
- Buildings (energy efficiency, decarbonization)
- Transportation (VMT, electric vehicles)
- Solid waste (increased diversion)
- Reduce tree loss
- Protect land carbon sinks

This Climate Action Plan has three primary goals:



Reduce emissions produced within the City of Lake Forest Park



Enhance LFP's ecosystem health and carbon sequestration

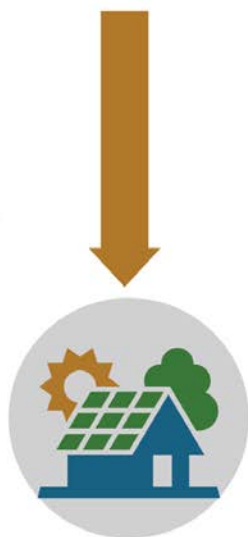


Increase LFP's resilience and preparedness for climate change impacts

To reach these goals, the Climate Action Committee is suggesting five areas of action



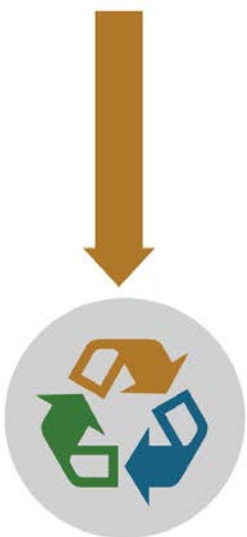
Transportation and Mobility



Built Environment and Land Use



Natural Environment, Ecosystems, and Sequestration



Consumption and Solid Waste



Community Resilience and Wellbeing

Vision of the future



Focus Area 2: Built Environment/Land Use

Vision of the future: Residents live and work in energy efficient buildings powered by clean, renewable energy.



Focus Area 3: Natural Environment, Ecosystems, Sequestration

Vision of the future: The community protects, conserves, and restores our natural systems, landscapes, and habitats.



Focus Area 4: Consumption and Solid Waste

Vision of the future: The community practices circular economy principles, reducing resources used, reusing and repurposing materials, and recycling and composting almost all of what is left.



Focus Area 5: Community Resilience & Preparedness

Vision of the future: People and ecosystems are healthy, thriving, and can respond and adapt to climate change.

5 Focus Areas

58 Actions

91
IMPLEMENTATION
IDEAS

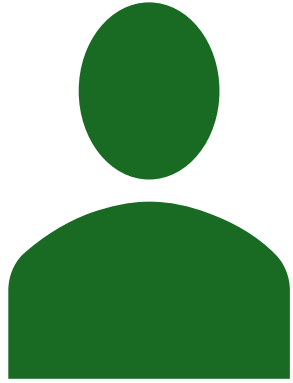
Transportation and Mobility Strategies & Actions

STRATEGY 1: ACCELERATE ELECTRIC VEHICLE (EV) ADOPTION

- *Actions and implementation ideas to accelerate EV adoption*

Ref Code	Action	Implementation Ideas
TR 1.1	Electrify the City fleet	<ul style="list-style-type: none"> • Develop a transition plan, then increase the number of municipal EVs to 100% by 2035. • Purchase and deploy Electric Vehicles (EVs) to transition the City's vehicle fleet to electric by 2035 for all operationally feasible vehicles. As needed, delay purchasing replacement vehicles until EV options are available and affordable. If EVs are not available for necessary replacements, consider plug-in hybrid options. • Increase electrical capacity and charging infrastructure at City facilities to ensure adequate capacity for fleet and employee EV charging.
TR 1.2	Eliminate gasoline-powered tools	<ul style="list-style-type: none"> • Eliminate and publicize the transition away from gasoline-powered tools. • Explore what other jurisdictions have done to eliminate gas-powered tools. Consider a buy-back program for gas-powered tools. • Educate the LFP community about the value and availability of the Shoreline tool library.
TR 1.3	Increase charging infrastructure	<ul style="list-style-type: none"> • Include language to install charging infrastructure in public facilities within the City's revised Comprehensive Plan. • Continue to partner with Bothell, Kenmore, and Shoreline to obtain funding from the state to install charging stations along route 522, at City Hall, on route 104, and in apartments and condominiums. • In alignment with regional efforts through WSDOT and Seattle City Light, expand the public EV charging network by assessing gaps and supporting installation of charging stations for public use on business, institutional, City, and utility properties in key areas. Install charging stations for public use at City facilities open to the public such as parks and recreation centers wherever feasible. • Require Installation of a minimum number of charging stations in addition to electrical capacity for all new multifamily residential and commercial construction and during major renovation of parking lots/ structures.

Ref Code	Action	Implementation Ideas
TR 1.1	Electrify the City fleet	<ul style="list-style-type: none"><li data-bbox="644 425 2193 462">• Develop a transition plan, then increase the number of municipal EVs to 100% by 2035.<li data-bbox="644 525 2379 714">• Purchase and deploy Electric Vehicles (EVs) to transition the City's vehicle fleet to electric by 2035 for all operationally feasible vehicles. As needed, delay purchasing replacement vehicles until EV options are available and affordable. If EVs are not available for necessary replacements, consider plug-in hybrid options.<li data-bbox="644 776 2270 862">• Increase electrical capacity and charging infrastructure at City facilities to ensure adequate capacity for fleet and employee EV charging.



Hire a climate action manager

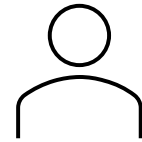
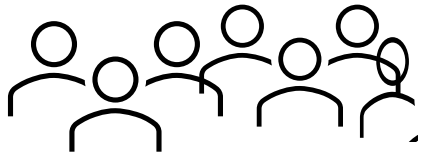
Reducing local emissions is doing our part. The City needs someone who is nimble and responsive to drive the climate response. The Climate Manager is the person responsible for

- Outreach to the public
- Applying for grants
- Ensuring climate justice is a consideration in legislation and outreach
- Collaboration with other cities and agencies



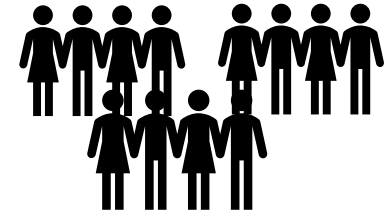
Implementation Strategy

Council



Climate
Manager

Community



Thank you

