

Redmond Environmental Sustainability Action Plan

Draft for Public Comment – Online Open House Feedback Summary and Proposed Changes

August 6, 2020

Introduction

This document summarizes public comments received for the draft Environmental Sustainability Action Plan (ESAP) Online Open House. Public comments were collected July 1-31, 2020, through the online platform, Konveio. For detailed responses, letters, and survey results, please see attached appendices starting on page 10.

Response Overview

Number of Users: 453

Number of Sessions: 746

Typical Time Spent per Session: 5 minutes

General Plan Support and Effectiveness

- The **majority (89%) of respondents indicated that they “strongly support” or “support” the draft ESAP**, with (70%) stating that Redmond should be a **national leader in sustainability**, no matter the cost.¹
- The **majority of respondents (92%) stated that they were willing to pay an increase in utility and property taxes to help fund implementation of the plan**, with (60%) indicated they would be willing to pay \$200 to \$300 per year.²

Overarching Feedback

Responses to the questions “Do you have any additional feedback on the Plan? Are there any additional actions that should be included in the Plan?” and individual responses within each focus area revealed the following overarching themes and recommended actions. The themes found in the table below have been ordered from most to least prominent and were included if mentioned by 4 or more individuals.

** Themes with an asterisk were those mentioned in both the summary survey and in individual focus area sections. Others were predominantly in the summary survey.*

¹ Note that only about 37 (out of over 41 respondents) responded to this question.

² Note that only about 37 (out of over 41 respondents) responded to this question.

Theme	Feedback	Recommended Response
Outreach and Engagement*	Many respondents stated that they would like more effort in the outreach and engagement process. Respondents indicated that the City has historically lacked effective and equitable engagement with the community.	<p>Add action to check in with community on Online Open House feedback themes throughout implementation.</p> <p>Add information about education and outreach during implementation in the Plan appendix implementation matrix.</p>
Equity and Environmental Justice*	Many respondents indicated that the plan needed to be more explicit in how our environmental sustainability decisions impact equity. Need to find a way to assess decisions through an equity lens.	<p>Add action to check in with community on impacts to communities of concern throughout implementation.</p> <p>Equity lens action included in “Equity commitments” action under Strategy C2.</p>
Goals and Targets*	Interest in seeing more aggressive actions and targets. Some respondents were interested in more interim goals (e.g., 1, 2, 5, 10 years).	<p>Set an aspirational carbon neutrality goal for community.</p> <p>Add action to evaluate carbon sequestration potential and opportunities.</p> <p>Interim goals to be evaluated through implementation planning efforts.</p>
City Leadership	Respondents wanted the City to be a leader in plan implementation. Many respondents indicated that the City should integrate climate change and sustainability into all City decisions.	<p>Set an aspirational carbon neutrality goal for City operations.</p> <p>Add action to create a detailed plan for path to carbon neutrality for City operations.</p>
Fuel Switching	<p>A majority of respondents indicated support for natural gas reduction and renewable energy generation.</p> <p>Some respondents requested more information on how to make these choices within their households.</p>	<p>No change, addressed in “All-electric new construction” action.</p> <p>Bolster Buildings and Energy “What You Can Do” section to provide more information and resources.</p>

Theme	Feedback	Recommended Response
Emissions Evaluations	<p>A majority of respondents supported the requirement of an emissions analysis for all project applications (e.g. include estimates of emissions generated/reduced).</p>	<p>No change, addressed in “Climate consideration policy” action.</p> <p>Include in Plan appendix implementation matrix suggestion that information be publicly available and involve an emissions analysis.</p>
Land Use and Development	<p>Many respondents wanted more emphasis on how the plan will address development, congestion, T.O.D., and accessibility – density are large concerns for the community.</p> <p>Strong support for housing affordability options but would like it to be intermixed throughout Redmond to avoid negative stigma around project areas.</p>	<p>Add “10-minute communities” action and action related to comprehensive planning process.</p> <p>Review actions to ensure Plan sufficiently covers integration of affordable housing.</p> <p>Add action related to green space access.</p>
Costs	<p>Concern about costs of implementation and to citizens (especially low-income).</p>	<p>Action with cost concerns will be subject to additional affordability analysis through implementation process.</p> <p>Continue periodic community surveys to solicit well rounded feedback and better understand cost concerns. Information to be used to inform implementation planning.</p>

Individual Sector Responses

This section summarizes public comments received relevant to individual plan sectors. **Buildings and Energy, Transportation and Land Use, and Natural Systems** were the focus areas with the largest number of public comments (see table below).

Sector	Total Comments
Buildings and Energy	90
Climate Change and Resilience	38
Materials Management and Waste	46
Natural Systems	48
Transportation and Land Use	79
Water Management	28

Key themes from individual sector response are summarized below.

Buildings and Energy

Theme	Feedback	Recommended Response
HFCs/Refrigerants	Interest in monitoring and reducing refrigerants, with a focus on regulating the use and disposal.	Add action to address this emissions source.
Natural Gas Ban	Strong support for natural gas bans and fuel-switching retrofits.	No change, addressed in “All-electric new construction” action.
Local Renewables & Solar	Strong support for local production of renewables, rather than purchased from elsewhere. High support for solar and related incentives.	No change, addressed under “Financial tools for renewables.” Evaluate whether additional actions are needed.
Embodied Carbon	Concern about embodied carbon in all new construction, not just municipal.	Add to Plan appendix implementation matrix as consideration for current green building actions.
Specificity/ Impact	Some respondents requested more specificity to the actions in this section, specifically around building code scope and funding mechanisms. Respondents would also like to see more stringent requirements (i.e., regulations instead of incentives).	<p>Clarify language around what solar and EV-ready requires in Plan appendix implementation matrix.</p> <p>Add explicit language in Plan implementation section that stakeholders will be critical in determining the scope of actions (e.g., fuel switching).</p> <p>Add to Plan appendix implementation matrix as</p>

Theme	Feedback	Recommended Response
		consideration for current green building actions.
Energy Performance Standards	Strong support for require energy performance standards for new and existing buildings and identifying permanent funding sources for upgrades.	No change, addressed under “Universal efficient building standard” and “Efficiency requirements above cost/sf threshold.”
Green Building	Interest in using Built Green as a building certification program.	Add Built Green as an option in “Green certification incentives” action.
Community Solar/Public Utility	Interest in Redmond creating a public utility district and/or creating a community solar program to increase renewable energy generation and access.	No change, addressed in “Financial tools for renewables” action. Add clarification about what “group purchases” means.

Climate Change and Resilience

Theme	Feedback	Recommended Response
<i>See “Goals and Targets” overarching theme.</i>		
Performance Measurement	Support on frequent publishing of community GHG emissions and sustainability metrics to the public.	No change, addressed under “GHG monitoring & dashboard” action and the implementation section.
Emergency Management	Concern about Redmond’s capacity to understand and respond to extreme events (e.g., extreme heat, flooding, mental health), especially to vulnerable communities.	No change, addressed in Climate Resilience focus area.
Neighborhood Climate Change Capacity	Interest in incorporating climate change and sustainability findings into a Neighborhood Visioning Plan.	Add to language regarding Neighborhood Visioning Plans to “Neighborhood resilience hubs” action.

Materials Management and Waste

Theme	Feedback	Recommended Response
C&D Diversion	Strong support for C&D diversion requirements.	Add action regarding additional coordination with King County and neighboring cities to encourage C&D reuse market.

Theme	Feedback	Recommended Response
Food Waste	Strong support in reducing community-wide food/organics waste. Respondents agreed that Redmond should look to expand participation in local composting services.	Add language to Solid Waste strategies to ensure focus on food waste. Update action language to clarify where food waste is involved (e.g., “Waste reduction outreach action”).
Make Recycling Easier	Support for actions that encourage recycling, such as used oil recycling centers, better outreach and education, year-round drop-off facilities for hard-to-recycle goods,	Add as consideration for “Recyclables market” action to include hard-to-recycle items in the Plan appendix implementation matrix.
Contamination	Concern about recycling/composting contamination. Interest in cart tagging and requiring residents and business to pay the true cost of waste services – rather than a bundled cost.	Add as consideration for “Waste reduction outreach” action in the Plan appendix implementation matrix.
Community Buy-in	Concern that requirements may have pushback from the community. The City should focus on partnerships and education – with a focus on equitable outreach (e.g., translated recycling and composted information).	Add Foodlife Line, LWSD, PTSA as potential partners in the Plan appendix implementation matrix.

Natural Systems

Theme	Feedback	Recommended Response
Tree Protection	Strong support for increasing tree canopy and enforcing tree protection standards. A majority of respondents were concerned about the recent reduction in tree canopy.	No change, addressed under strategy N5. Ensure sufficient focus on maintaining current canopy vs. adding new.
Confusion on Tree Canopy Calculation	Respondents were confused on the calculation of tree canopy and felt that it was overestimated (e.g., incorporating areas outside of city limits such as Farrel-McWhirter and Juel Park).	No change, this information has been shared with staff working on tree canopy and will be evaluated as part of future Tree Canopy Strategic Plan updates.
Tree Retention	Concern that tree replacement is less effective than tree retention. Respondents showed strong support for increasing the protection of current trees.	No change, addressed under “Reevaluate tree regulations” and “Targeted parcel acquisition.”
Natives	Support for native species and drought-tolerant plantings.	Add language to “Community education and outreach” action in strategy N1.

Theme	Feedback	Recommended Response
Education and Outreach	Interest in more community outreach and education on native planting, drought-tolerant landscaping, and green infrastructure (e.g., rain barrel requirements and standards).	Add as consideration to “Stormwater retrofit incentives” action in Plan appendix implementation matrix.

Transportation and Land Use

Theme	Feedback	Recommended Response
<i>See “Land Use & Development” overarching theme</i>		
City Departments	Interest in seeing what departments will lead actions.	No change, addressed in the Plan appendix implementation matrix.
VMT Reduction/TDM	Strong support for VMT reduction and TDM actions.	No change, addressed in “Reevaluate TDM performance measures” action.
Parking	Strong support for reducing free on-street parking and raising parking rates – some concern on the equity impacts.	No change, addressed in “Parking maximums/minimums” action and “Downtown Redmond parking.” Clarify that these actions cover this topic.
Biking	Respondents indicated interest in more bike related actions, with an emphasis on bike infrastructure, wayfinding, and safety.	No change, addressed in “Increased spine network” and “Active mobility infrastructure investments” actions.
Multimodal	Respondents supported multimodal development and expressed interest in explicitly addressing complete streets through policy or design.	Add continue existing action to support development of Transportation Master Plan and implementation of complete streets policy.

Water Management

Theme	Feedback	Recommended Response
Groundwater quality metric	Concern about TCD impact to aquifer.	Covered in (TCD) temporary construction dewatering action “update TCD code”. Add to considerations for “Groundwater monitoring program” action in Plan appendix implementation matrix.
Contaminates/Toxins	Support on monitoring, reducing, and/or banning contaminants and toxins into water	Add language in “groundwater monitoring program” action -

Theme	Feedback	Recommended Response
	resources (e.g., glyphosate, microplastics, pharmaceuticals)	"Include monitoring for emerging contaminants." Add evaluation of glyphosates into "Adopt Integrated Pest Management Plan" action.
"One water" education	Strong support for education, specifically around schools.	No change, addressed in "one water" education action.
Climate-based water management education	Strong support for water conservation and education using climate science.	Add "climate-science based" into action language into actions related to Strategy W2.
Landscaping and irrigation standards	Support for this action. Additional interest in standards for existing developments.	Add as consideration for "Water Use Reduction Strategy" action in Plan appendix implementation matrix.
Golf course water conservation	Strong support for golf course water conservation and reuse.	No change, addressed in "golf course recycled water" action.

Green Redmond Pledge Highlights

When asked what individual actions residents would pledge to, **100% of respondents** indicated their support for the following actions: ³

Focus Area	Individual Actions
Buildings and Energy	Flip the switch on devices and appliances when not in use
	Power my household or business with renewable energy
	Optimize my household or business with energy efficient construction and/or technology
Natural Systems	Plant native plants and trees in my yard
	Avoid harmful pesticides and cleaning chemicals
	Participate in a volunteer event for open spaces
Transportation and Land Use	Take public transportation and carpool
	Utilize active transportation
	Purchase an electric vehicle

Focus Area Resource Highlights

When asked, "If you wanted to learn more about the Environmental Sustainability Action Plan, how would you want to learn about it? Check all that apply", the top three responses were:

- City of Redmond website
- Community events and workshops
- Social media (Facebook, Instagram, Twitter, etc.)

³ Individual pledges were not given for the Climate Change and Resilience, Materials Management and Waste, and Water Management focus areas.

Respondent Demographics

- **Who:**
 - Own, rent, or live in Redmond (47%)
 - Work in Redmond (25%)
 - Retired (6%)
- **Neighborhoods (top three):**
 - Education Hill (31%)
 - I don't live in Redmond (17%)
 - Bear Creek, Grass Lawn, Idylwood, and Overlake (8%).
- **Race/Ethnicity:**
 - White (72%)
 - Latinx (1%)
 - Asian American/Pacific Islander (1%)
 - Prefer not to say (6%)
 - Other (6%)
 - European American
- **Age (top three):**
 - 51-60 years old (26%)
 - 41-50 years old and 61-70 years old (21%)
 - 70+ years old (18%)

Plan Development

The Redmond Environmental Sustainability Action Plan reflects and brings together City and community priorities developed through a year-long robust involvement and assessment process. The process included the following key elements:

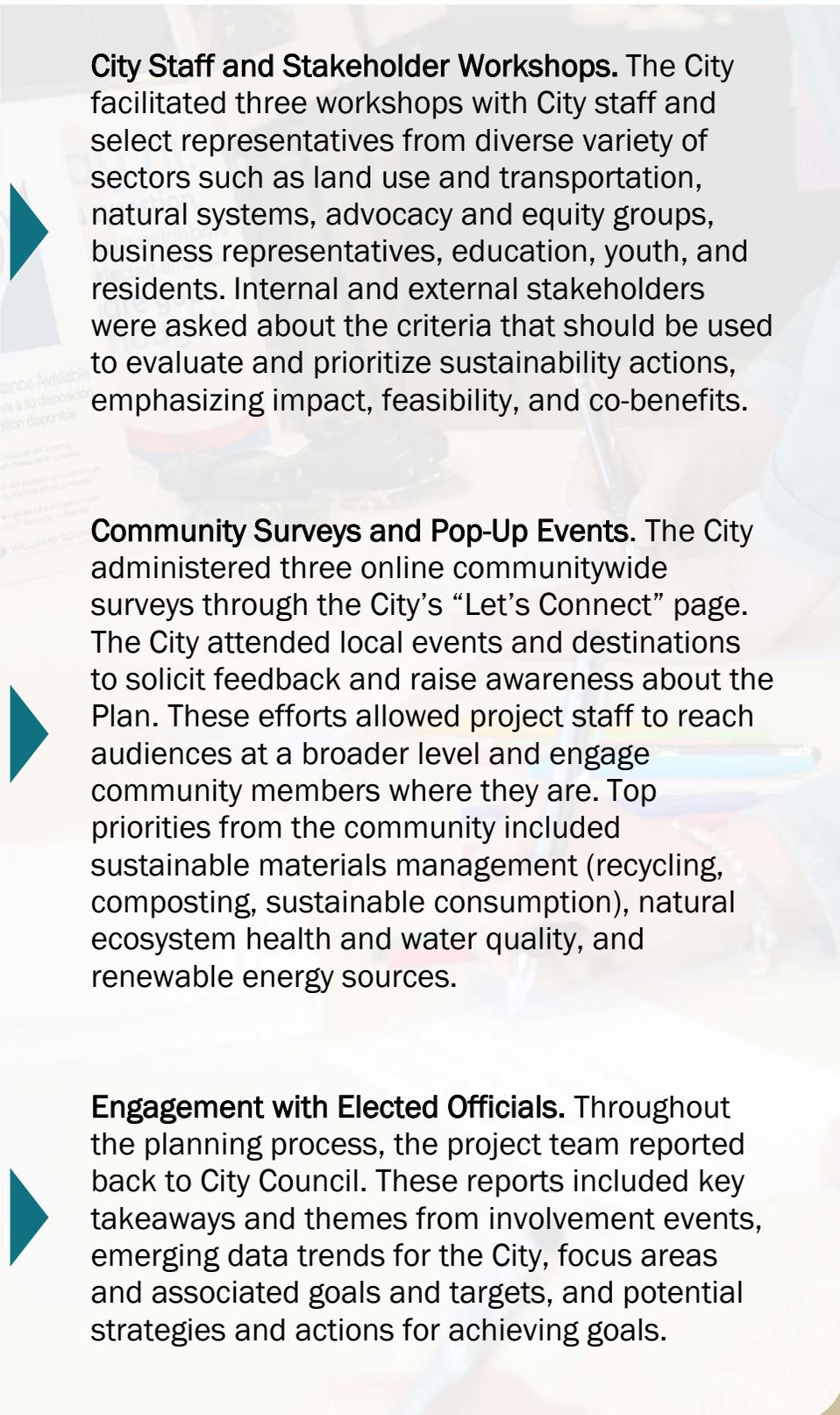
- ▶ Compilation of a sustainability inventory that identifies activities, contexts, challenges, and baseline conditions for sustainability in Redmond.
- ▶ Involvement of internal City staff and external community stakeholders to inform and solicit input throughout the plan's development.
- ▶ Identification and analysis of strategies and actions for meeting sustainability goals through multi-criteria analysis and quantitative impact and cost assessments.

Timeline



Public & Stakeholder Engagement

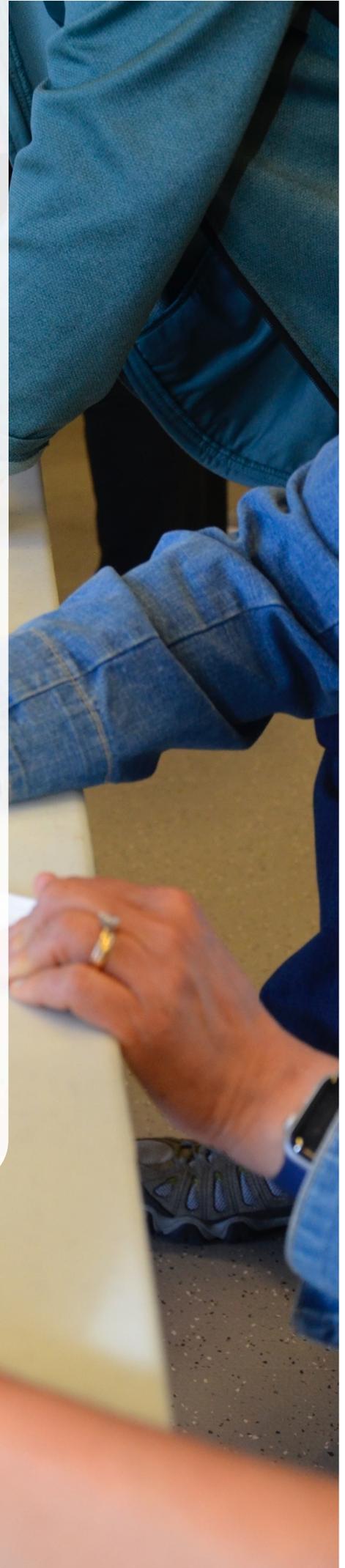
This plan incorporates community ideas and priorities, as well as recurring themes that resulted from community involvement during the planning process. Key elements of the involvement process are outlined below.



City Staff and Stakeholder Workshops. The City facilitated three workshops with City staff and select representatives from diverse variety of sectors such as land use and transportation, natural systems, advocacy and equity groups, business representatives, education, youth, and residents. Internal and external stakeholders were asked about the criteria that should be used to evaluate and prioritize sustainability actions, emphasizing impact, feasibility, and co-benefits.

Community Surveys and Pop-Up Events. The City administered three online communitywide surveys through the City's "Let's Connect" page. The City attended local events and destinations to solicit feedback and raise awareness about the Plan. These efforts allowed project staff to reach audiences at a broader level and engage community members where they are. Top priorities from the community included sustainable materials management (recycling, composting, sustainable consumption), natural ecosystem health and water quality, and renewable energy sources.

Engagement with Elected Officials. Throughout the planning process, the project team reported back to City Council. These reports included key takeaways and themes from involvement events, emerging data trends for the City, focus areas and associated goals and targets, and potential strategies and actions for achieving goals.



A Strategic, Phased Approach

The strategies included in this plan are a set of actions aimed to foster sustainability within the City of Redmond over the next 30 years. These strategies cover a broad range of areas to ensure the City does not focus its resources on one approach.



The City proposes a strategic, phased approach to attaining long-term sustainability over the next 30 years. The implementation plan—namely, the timing of actions—reflect the following high-level phasing:

- ▶ **Build a foundation through education, incentives, partnerships, and assessment:** Starting with initial steps such as education, outreach, technical assistance, pilot programs, partnership building, and studies, the City will ensure that the community is equipped with the information and tools it needs to ensure a seamless and informed transition to attaining long-term goals.
- ▶ **Create accountability:** The City will leverage data transparency and information sharing to facilitate a culture of partnerships and continual improvement. Starting with City operations, Redmond will lead by example to report progress and encourage community engagement.
- ▶ **Transition to policies, requirements, and mandates.** Although “softer” mechanisms such as education, outreach, and incentives have been shown to provide some impact in realizing sustainability goals, studies have indicated that stronger actions such as requirements and policies are ultimately needed to secure long-term impact.



#001

Posted by **Shelly Bowman** on **07/13/2020** at **11:29am** [Comment ID: 106] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

I fear a 30 year plan is not, and does not sound, aggressive enough and citizens will feel we have plenty of time to change our behavior. The time to make change is now. I understand most the aggressive action will actually take place in the 1st 10 years; however, I would feel more comfortable with this stated. Sustainability Plan: 10 Year Action, 10 Year Adjustment, 10 Year Maintenance for 100% Sustainability.

#002

Posted by **Brian Tosch** on **07/30/2020** at **12:12am** [Comment ID: 325] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

We should set these high level goals here. Net 0 carbon by no later than 2040 and I think we should be way more aggressive than that. I would include all community GHG sources and not just city operations.

#003

Posted by **Larissa Ruiz** on **07/20/2020** at **1:06pm** [Comment ID: 296] - [Link](#)

Agree: 0, Disagree: 0

I like this. I think Education is key to any initiative.

#004

Posted by **Nirali Shah** on **07/05/2020** at **6:11pm** [Comment ID: 44] - [Link](#)

Type: Question

Agree: 1, Disagree: 0

How was 30 years determined? Should certain areas consider more aggressive timelines?

Reply by **RedmondAdmin** on **07/07/2020** at **11:31am** [Comment ID: 49] - [Link](#)

Type: Answer

Agree: 4, Disagree: 0

The International Panel on Climate Change identifies 2050 as the year we must globally achieve key GHG reductions in order to avoid extreme climate impacts. While Redmond's Sustainability Plan has a 30 planning horizon, the majority of the actions are noted for implementation within the next 10 years.

#005

Posted by **Nirali Shah** on **07/05/2020** at **6:08pm** [Comment ID: 43] - [Link](#)

Type: Question

Agree: 1, Disagree: 0

Is this Sustainability Action Plan only targeting the incorporated areas of Redmond?

Reply by **RedmondAdmin** on **07/07/2020** at **11:16am** [Comment ID: 48] - [Link](#)

Type: Answer

Agree: 3, Disagree: 0

That's correct, the ESAP only targets the incorporated areas of Redmond. Unincorporated Redmond falls under King County's Strategic Climate Action Plan, which is currently being updated. You can learn more about King County's efforts [here](https://www.kingcounty.gov/services/environment/climate/actions-strategies/climate-strategies/strategic-climate-action-plan.aspx) - <https://www.kingcounty.gov/services/environment/climate/actions-strategies/climate-strategies/strategic-climate-action-plan.aspx>

#006

Posted by **David Morton** on **07/30/2020** at **5:40pm** [Comment ID: 341] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

Plan Implementation and Updating -- Develop a transparent framework for implementing and updating the Climate Action Plan. Consider equity, safety, health and community engagement goals. Update the Climate Action Plan every two years.

#007

Posted by **Brian Tosch** on **07/30/2020** at **12:13am** [Comment ID: 326] - [Link](#)

Type: Suggestion

Agree: 2, Disagree: 0

We should recognize that in 30 years the residents of Redmond will be almost entirely different people. Therefore we are building this for them and not catering to the short term goals of current residents.

Goals and Targets

Redmond's environmental sustainability goals and targets, summarized below, were developed through an iterative process that included consideration of regional and peer city targets, existing City planning documents, community and City staff preferences and perceptions, and analysis of what is achievable through the identified strategies and actions of the plan.

City staff will conduct ongoing monitoring, evaluation, and reporting on ESAP progress to evaluate progress towards overall goals and targets. Progress toward meeting ESAP targets and goals will be evaluated and tracked on an action-by-action basis.

002

Metric	Target	Reference/Source
 Transportation & Land Use: Reduce transportation emissions and enhance community mobility.		
Per-capita passenger vehicle miles traveled (VMT)	30% reduction by 2035 50% reduction by 2050	Washington State RCW 47.01.440 statewide per-capita goals
Electric vehicle use (% of VMT by EVs)	100% light duty 60% medium duty 40% heavy duty by 2050	K4C Target
 Buildings & Energy: Increase sustainable buildings practices, renewable energy use, energy efficiency, and energy resiliency.		
Community energy consumption (MMBTU)	25% reduction by 2030 45% reduction by 2050	K4C Target
Fossil fuel consumption (MMBTU)	20% reduction by 2030 80% reduction by 2050	K4C Target
Electricity fuel mix (MTCO _{2e} per MMBTU)	100% renewable electricity by 2050 (0 MTCO _{2e} per MMBTU)	K4C Target; consistent with WA Clean Energy Transformation Act (CETA)
 Materials Management & Waste: Move towards more sustainable consumption and zero waste.		
Community waste diversion rate (% of total waste diverted from landfill)	70% by 2030 80% (zero waste of resources) by 2050	King County 2019 Comprehensive Solid Waste Management Plan
 Natural Systems: Enhance green space, tree canopy, habitat quality, and natural drainage systems.		
Tree canopy cover (%)	40% by 2049	Redmond Community Strategic Plan
BIBI index of streams:	60 by 2060	Redmond Community Strategic Plan and Redmond Watershed Management Plan
Surface water quality index (# out of 100)	80 by 2060	Existing Redmond target (stations scoring 80 and above generally meet expectations for water quality)
Accessible habitat and wetlands (acres)	2,600 by 2050	Assumes 25% of total city acreage meets definition of accessible habitat. Based on Washington State Wetland Rating System Criteria H 2.1
 Water Management: Protect and conserve water resources, including water quality and quantity.		
Potable water consumption (per capita gallons per day)	TBD by Water Reduction Strategy	N/A
Sanitary sewer inflow/infiltration (gallons per acre per day)	1,100 by 2050	King County recommendations; King County Code (KCC), Section 28.84.050 K.3 I/I allowance
Stormwater retrofits for flow (total acres retrofitted)	5,646 by 2050	Current Redmond target
Stormwater retrofit for quality (total acres retrofitted)	7,463 by 2050	Current Redmond target
 Climate Change: Reduce GHG emissions and enhance communitywide resilience to climate impacts.		
Community GHG emissions (MTCO _{2e})	50% reduction by 2030 80% reduction by 2050	K4C Target

004

005

001

003



#001

Posted by **Steve Hitch** on **07/08/2020** at **12:16am** [Comment ID: 54] - [Link](#)

Type: Question

Agree: 1, Disagree: 0

I feel like there are over 10,000 acres in Redmond. What is the real maximum for these total acre targets?

#002

Posted by **SiteAdmin** on **06/23/2020** at **2:30pm** [Comment ID: 7] - [Link](#)

Agree: 0, Disagree: 0

#003

Posted by **Rachel A Molloy** on **07/20/2020** at **2:37am** [Comment ID: 279] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

Worth noting that the SR15 for global warming to be limited to 1.5 °C, "Global net human-caused emissions of carbon dioxide (CO2) would need to fall by about 45 percent from 2010 levels by 2030, reaching 'net zero' around 2050." There is emerging science now pointing to 2025 as potentially locking in 1.5 °C ...we may find we may find we need additional acceleration clauses or triggers within this document standardizing beyond even multi-year reviews.

#004

Posted by **Steve Hitch** on **07/08/2020** at **12:19am** [Comment ID: 55] - [Link](#)

Type: Question

Agree: 0, Disagree: 0

How does a city measure this?

Reply by **RedmondAdmin** on **07/08/2020** at **11:09pm** [Comment ID: 59] - [Link](#)

Type: Answer

Agree: 0, Disagree: 0

The City will rely on publicly available vehicle registration data from the state to monitor this metric.

#005

Posted by **Steve Hitch** on **07/08/2020** at **12:19am** [Comment ID: 56] - [Link](#)

Type: Suggestion

Agree: 2, Disagree: 0

It would be helpful to put the number 60 into some context.



Action Analysis and Prioritization

From an initial list of nearly 150 actions, the City assessed, refined, and prioritized a comprehensive shortlist of actions for consideration in the final plan. This process included workshops with City staff and community stakeholders, input from an online community survey, a qualitative multi-criteria analysis, and a quantitative assessment of anticipated costs and impact.

The qualitative multi-criteria analysis utilized criteria and weightings identified and refined through public, stakeholder, and City staff engagement, summarized below:

Criterion	Weight	Definition
 Impact	30%	<p>How likely is it the action will work to address plan goals and targets?</p> <p>Is the action addressing a major sustainability need, such as a high greenhouse gas emissions source)?</p>
 City cost	10%	<p>What is the relative ease of covering the costs of the action with City budget, grants, etc.?</p> <p>Is the cost of inaction significant?</p>
 Feasibility	20%	<p>Is it possible to implement the action with current capacities within the City?</p> <p>Are there regulatory, political, or technological constraints?</p>
 Community support and cost	10%	<p>How affordable is the action to residents/businesses?</p> <p>Is there strong support for action from the resident and business community?</p>
 Equity	10%	<p>Does the action address the needs of vulnerable and historically marginalized populations? 001</p> <p>Does the action reduce vulnerability for all populations? Is it fair?</p>
 Co-benefits or synergies	20%	<p>Does the action address multiple goals, or other City or community objectives?</p> <p>Does the action work with other City activities to amplify the collective impact?</p>

#001

Posted by **Steve Hitch** on **07/08/2020** at **12:23am** [Comment ID: 57] - [Link](#)

Type: Suggestion

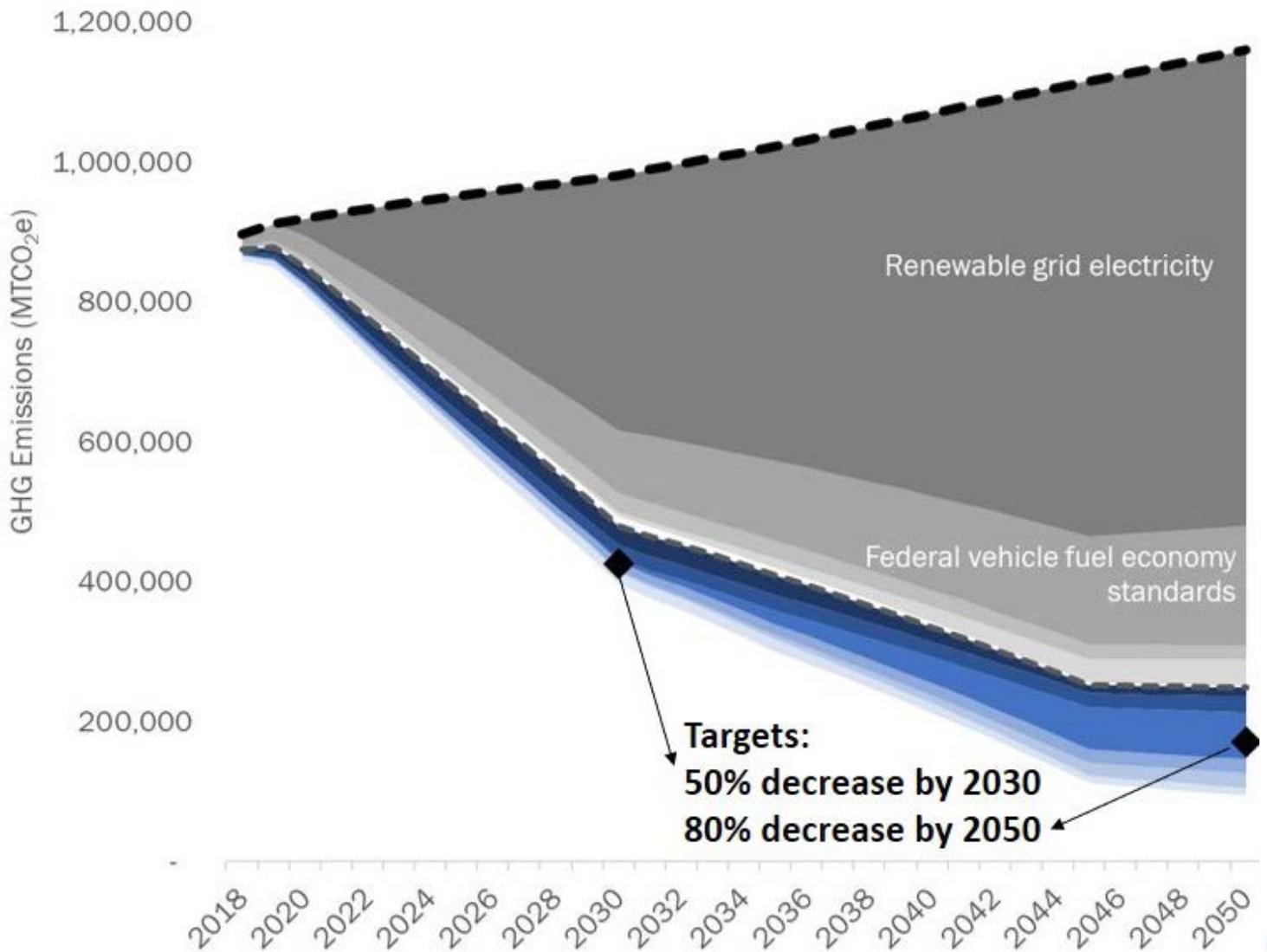
Agree: 0, Disagree: 0

I am happy to see this criterion.

Quantitative Impact Analysis

The City commissioned a quantitative **impact assessment** of the potential of ESAP implementation to meet sustainability targets. These estimations were visualized graphically to depict a high-level estimate of how much the actions will collectively contribute towards meeting the city’s communitywide goals and targets.

The chart below shows how external policies and local actions will contribute to meeting the city’s greenhouse gas emissions reduction goal.



#002

Posted by **Rachel A Molloy** on **07/20/2020** at **2:39am** [Comment ID: 280] - [Link](#)

Agree: 0, Disagree: 0

Glad to see this charted out for the community, this has been helpful for other communities in tracking and successfully achieving their goals and targets.

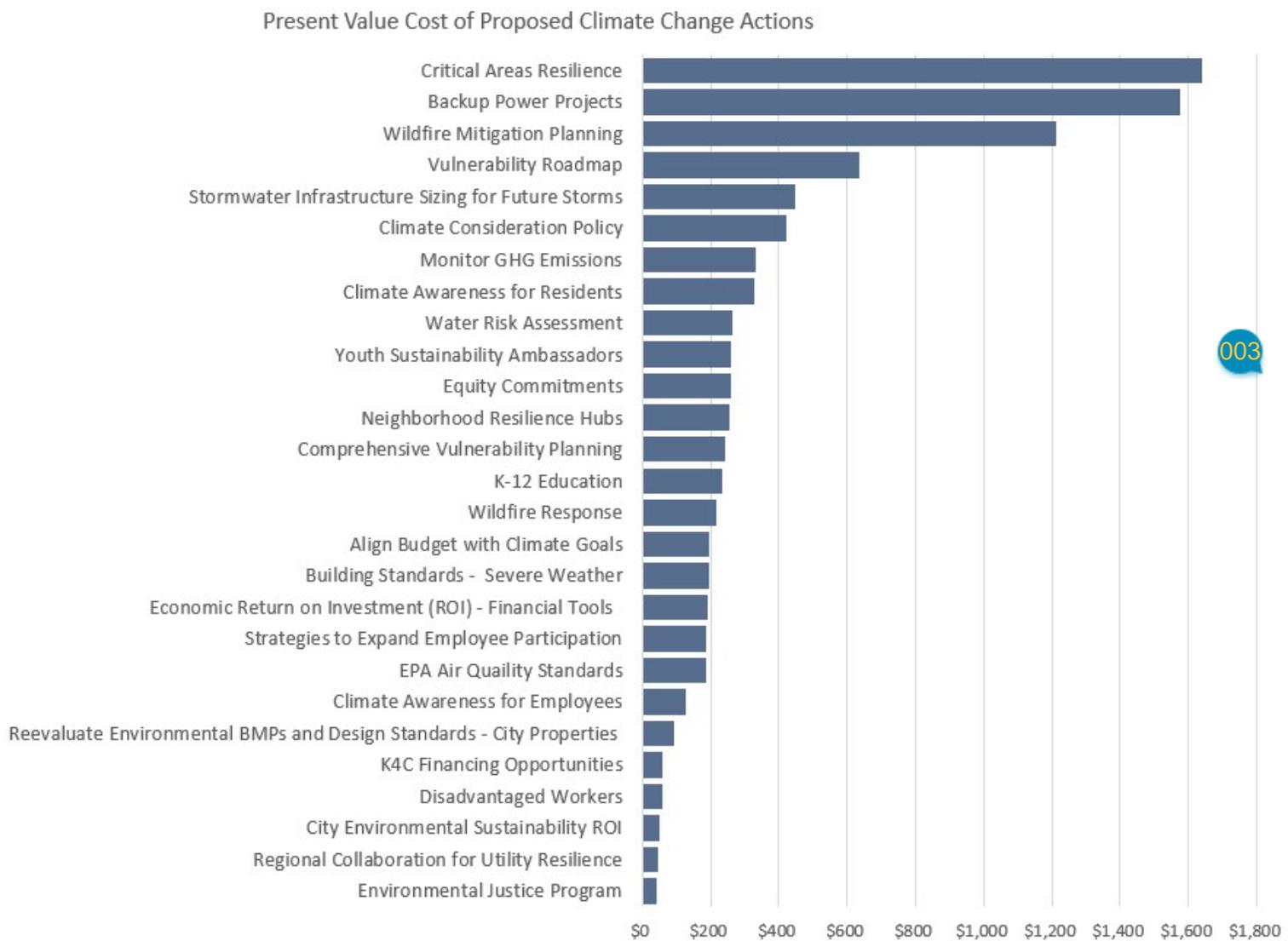
Quantitative Cost Analysis

A quantitative cost analysis estimated City costs associated with implementation of the top priority actions from the multi-criteria analysis. Costs over the life of the plan—30 years—were broken into aggregate categories:

- City staff time
- Annual costs of operating and maintaining the action
- Upfront costs including capital costs and one-time costs
- Number of years that the action would operate

Outcomes from the cost analysis were reviewed and considered in arriving at the final list of actions in the plan. Additional affordability considerations will be needed during implementation.

The chart below shows an example depiction of this analysis for the Climate Change and Resilience focus area of the plan.



#003

Posted by **Rachel A Molloy** on **07/20/2020** at **2:41am** [Comment ID: 281] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

Are we accounting for excessive heat events and/or drought as well in these categories? Perhaps that is in the resilience hubs?

Reply by **RedmondAdmin** on **07/21/2020** at **5:47pm** [Comment ID: 300] - [Link](#)

Type: Answer

Agree: 0, Disagree: 0

Hi Rachel, this section deals with estimated cost to the City to implement these actions. There are multiple actions that look at community resiliency, including the Neighborhood Resilience Hubs that you note. Another related action is the Vulnerability Roadmap, which will help us understand the populations and areas most susceptible to climate impacts (i.e. extreme heat events, drought, rain events, etc.).

Buildings and Energy

Goal: Increase sustainable buildings practices, renewable energy use, energy efficiency, and energy resiliency.

Buildings and Energy are the number one source of emissions in Redmond—accounting for over 70% of total emissions. The largest contributions stem from commercial electricity and residential natural gas. The plan prioritizes actions that reduce energy consumption, increase the use of clean energy, and transition away from fossil fuels.



Progress To-Date Highlights

<ul style="list-style-type: none"> • City Hall has LEED and ENERGY STAR certifications. • The Green Building and Green Infrastructure Incentive Program provides incentives for implementing green building development techniques across a variety of building types. 	<p>Building energy GHG emissions (MTCO₂e). Energy-related emissions increased 12% between 2011-2017.</p>	
<ul style="list-style-type: none"> • The City has conducted various Energy Service Company (ESCO) projects to offer comprehensive energy solutions to improve efficiency and reduce consumption. • The City has worked with PSE to provide energy-efficient lightbulbs at a highly reduced price at community events. PSE also conducts outreach to small businesses to offer retrofit services for energy efficiency. 	<p>Community energy use (MMBTU). Despite population growth, community-wide energy use decreased 5% since 2011—a reduction of over 300,000 MMBTU.</p>	
<ul style="list-style-type: none"> • The City worked with Puget Sound Energy to complete a District Energy study for the Overlake area. 	<p>Carbon intensity of energy (MTCO₂e/MMBTU). The amount of carbon pollution per unit energy has increased since 2011, likely due to increased natural gas use and changes to electricity fuel sources.</p>	



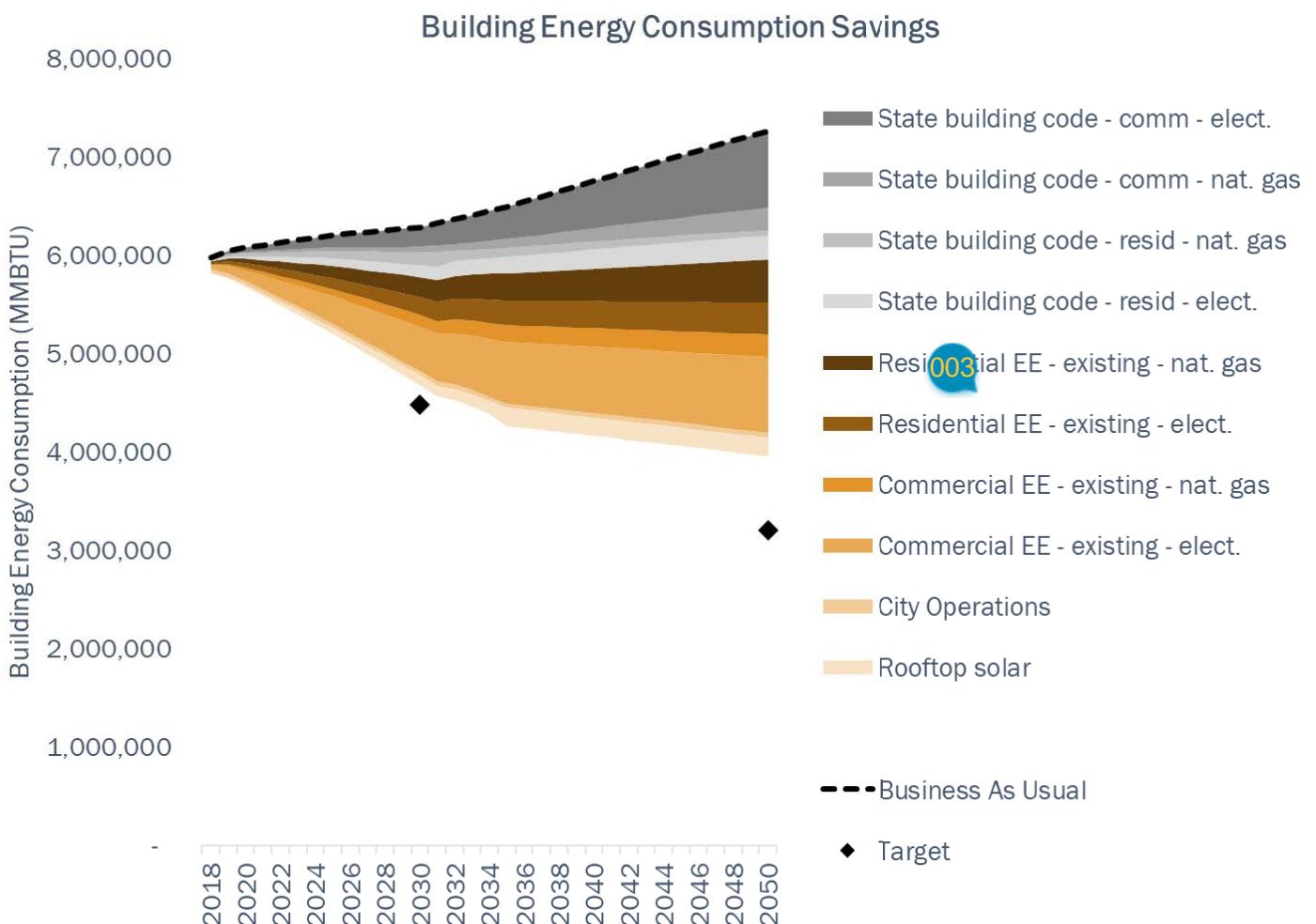
Sustainability Targets, Strategies, and Actions

Targets

Target Indicator	Target Value
Reduce community energy consumption (MMBTU)	25% reduction by 2030 45% reduction by 2050
Reduce fossil fuel consumption (MMBTU)	2005 reduction by 2030 80% reduction by 2050
Clean electricity fuel mix (% renewable)	100% renewable electricity by 2050
Reduce building energy GHG emissions (MTCO ₂ e)	75% reduction by 2035 99% reduction by 2050

How Will We Get There?

The strategies and actions anticipate a 22% reduction in energy use by 2030. Additional strategies and/or expanded versions of current strategies will be needed to achieve the target of 25% by 2030. Reductions needed to meet the goal are largely dependent on state building code and reductions in commercial electricity consumption. The graph below shows the impact of various strategies to reach our energy consumption and GHG goals.



Comm = commercial | elect. = electricity | nat. gas = natural gas | EE = energy efficiency



#001

Posted by **Amy Webber** on **07/14/2020** at **6:50pm** [Comment ID: 157] - [Link](#)

Type: Question

Agree: 1, Disagree: 0

Has the City vetted each proposed action on its impact to affordable housing and affordable commercial spaces?

Reply by **RedmondAdmin** on **07/16/2020** at **7:12pm** [Comment ID: 227] - [Link](#)

Type: Answer

Agree: 0, Disagree: 0

Hi Amy, the ESAP did not include a detailed affordability analysis, although it was a component of the multi-criteria analysis. Actions with affordability implications will go through the public stakeholder process as they are developed to ensure affordability and other important factors are vetted in partnership with the community.

#002

Posted by **Tom Hinman** on **07/14/2020** at **3:54pm** [Comment ID: 144] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

I hope these code changes really have the desired effect, but am a bit cynical on outcomes. There are a lot of eggs in that basket.

#003

Posted by **Steve Thompson** on **07/16/2020** at **1:19pm** [Comment ID: 185] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: 0

When existing natural gas equipment (furnace or water heater) needs to be replaced, it should be replaced with a electric heat pump equipment. Heat pump efficiency has increased dramatically and will have lower operating costs which will offset the differential installation costs if done with replacement equipment is needed. It will also eliminate the negative significant climate and health impacts of fracked gas.

#004

Posted by **Dwight Rousu** on **07/09/2020** at **11:31pm** [Comment ID: 66] - [Link](#)

Type: Suggestion

Agree: 7, Disagree: -1

Setting goals for 30 years in the future is insufficient. 1) the problem is more urgent than that. Ten years or less is a critical for significant progress. 2) There should be interim goals for 1, 2,5,10, and 20 years to track if progress is being made, and to motivate timely actions.

#005

Posted by **Ted Scott** on **07/09/2020** at **7:10pm** [Comment ID: 64] - [Link](#)

Type: Question

Agree: 4, Disagree: 0

Could we be more aggressive? Could we switch city fleet vehicles and facilities maintenance to use electric rather than petroleum fuel?

Reply by **RedmondAdmin** on **07/21/2020** at **7:18pm** [Comment ID: 303] - [Link](#)

Type: Answer

Agree: 0, Disagree: 0

Thanks for the question Ted. Absolutely - we've been on a path to electrify the City fleet for a number of years now and emissions from municipal vehicles have decreased by 14% since 2011 as a result. We've also included an action in the Transportation and Land Use focus area as there's still a lot of work to do - the action is titled Municipal Fleet Conversion.

#006

Posted by **Gina Clark** on **07/16/2020** at **6:08pm** [Comment ID: 200] - [Link](#)

Agree: 2, Disagree: 0

MBAKS would urge the city to also consider impacts of embodied carbon in new construction and not just municipal buildings. LEED currently has some points for embodied carbon but data gathering in this area is still ongoing. Could be a couple of years before a model with full points is developed.

#007

Posted by **David Morton** on **07/12/2020** at **7:28pm** [Comment ID: 89] - [Link](#)

Type: Suggestion

Agree: 5, Disagree: 0

Refrigerants called HFCs (hydrofluorocarbons) are potent GHGs that are not typically monitored in building emissions. Redmond must establish regulations for the use and disposal of HFCs, and for routinely scheduled assessment and fixing of HFC leaks in refrigerators, air conditioners, heat pumps and other refrigeration equipment.

Proposed Strategies and Actions

The list below presents proposed **strategies and actions** for inclusion in the Redmond Environmental Sustainability Action Plan.

 = Ongoing/Expanded
  = Near-term
  = Mid-term
  = Long-term
 = Foundational Action

Action	Description	Timeframe
Strategy B1: Engage and support building sustainability, education, technical assistance, and code advancement.		
Production incentive support 024	Support Washington State renewable energy production incentives that encourage the development of residential and commercial solar and other distributed generation and storage projects.	 
Support/ advocate for new codes	Work with advocacy organizations and Regional Code Council (RCC) to support and implement state energy code advancement.	
Green starter kits	Coordinate with regional programs such as EnviroStars to promote and distribute sustainability 015 starter kits to 012 businesses and homes looking to go green.	 
Solar- and EV-ready infrastructure requirements 025 023	Require “solar-ready” and EV-ready infrastructure for all new 022 commercial and residential 019 development. 013	
Green certification incentives 028	Reevaluate, promote and incentivize through zoning code green certification programs for commercial and multi-family buildings and development, including LEED and Salmon-Safe Urban Development Certification. 010	
Low-interest loans	Explore low interest loan 018 options to finance energy efficiency upgrades for commercial and residential buildings 020	
Universal efficient building standard 029 026	Adopt a universal standard for energy-efficient buildings, such as the International Residential (IRC) codes for sustainable residential buildings.	 008
Pipelines for employment	Collaborate with higher education institutions to develop pipelines for employment in green construction industry professional services.	 
Height/sf incentives for energy upgrades	Create and implement a program offering additional height and floor area incentives for 017 significant upgrades in 011 energy and water use.	
Strategy B2: Advance green building within City facilities. 014		
Financing for energy efficiency 027	Assess various options for financing and grants to energy efficiency projects for municipal buildings. 016	
Energy and water retrofits	Continue to implement energy and water conservation retrofits and operational improvements for municipal facilities, street lights and traffic signals, and pump stations. 021	 
Facilities Strategic Maintenance Plan	Coordinate and implement recommendations from the Facilities Strategic Maintenance Plan that support sustainability. Evaluate option for an internal Revolving Fund as a dedicated source of capital, funded by savings from energy efficiency upgrades.	009  



#008

Posted by **Rosemarie Ives** on **07/19/2020** at **1:20am** [Comment ID: 243] - [Link](#)

Agree: 2, Disagree: 0

City should adopt an efficient building standard for all new construction asap.

#009

Posted by **Rosemarie Ives** on **07/19/2020** at **1:26am** [Comment ID: 245] - [Link](#)

Agree: 1, Disagree: 0

The city has been ignoring the ongoing maintenance of most of the city's buildings for the past 12 years according to the McKinstry report. Glad to see Facilities Maintenance Plan--now the city will have to make hard choices on how to implement in a timely manner.

#010

Posted by **LEVI CASTO** on **08/01/2020** at **12:51am** [Comment ID: 354] - [Link](#)

Agree: 0, Disagree: 0

I don't think incentives are sufficient here - I believe that our building standards should be high enough that any new developments, aside from single family homes, should be eligible for third party certification just by following our code.

#011

Posted by **Rosemarie Ives** on **07/19/2020** at **1:24am** [Comment ID: 244] - [Link](#)

Agree: 0, Disagree: 0

I oppose the city giving more density. Developers should be making energy upgrades because it is the right thing to do and is great for their marketing.

#012

Posted by **Devon** on **07/19/2020** at **3:38am** [Comment ID: 261] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

This would be very helpful to the average homeowner looking to go green. Also useful would be a Green Contractor Directory of sorts.

#013

Posted by **Devon** on **07/19/2020** at **3:46am** [Comment ID: 262] - [Link](#)

Type: Question

Agree: 0, Disagree: 0

What about requiring residential/commercial geothermal installations on on new homes/buildings above the water table?

This would help reduce potent heat-trapping methane emissions from fracking/refinement/transport of Nat Gas.

#014

Posted by **David Morton** on **07/30/2020** at **4:33pm** [Comment ID: 336] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

Facilities Operations and Maintenance -- Conserve energy and promote a healthy work environment by following LEED "Building Operations and Maintenance" certification standards.

<https://www.usgbc.org/guide/om>

#015

Posted by **Rachel A Molloy** on **07/20/2020** at **2:52am** [Comment ID: 284] - [Link](#)

Agree: 0, Disagree: 0

This has been a successful program in downtown Seattle, with broad energy and efficiency impacts that last, and I'd be excited to see it expanded here.

#016

Posted by **Tom Markl** on **07/04/2020** at **5:27pm** [Comment ID: 31] - [Link](#)

Type: Question

Agree: 0, Disagree: 0

From what source? Will need to be a government program.

Reply by **Dwight Rousu** on **07/09/2020** at **11:44pm** [Comment ID: 68] - [Link](#)

Type: Question

Agree: 1, Disagree: 0

If current advocacy of a state bank makes progress, could this be made part of their charter?

Reply by **RedmondAdmin** on **07/21/2020** at **7:38pm** [Comment ID: 304] - [Link](#)

Type: Answer

Agree: 1, Disagree: 0

Hi Tom and Dwight. The City would look to funding mechanisms like Energy Service Performance Contracting (a mechanism we've utilized multiple times for energy efficiency upgrades), and internal revolving loan funds which David referenced. Just a few examples, but hopefully that helps!

#017

Posted by **Tom Markl** on **07/04/2020** at **5:27pm** [Comment ID: 30] - [Link](#)

Agree: 2, Disagree: 0

Height incentives beyond the current code will require going to a new building materials, probably steel, rather than wood. Current allowed heights are generally eight stories. For steel to work, you need 12 stories of rentable space, plus something for parking - may 16 stories total. This would be a big change.

#018

Posted by **Tom Markl** on **07/04/2020** at **5:23pm** [Comment ID: 29] - [Link](#)

Type: Question

Agree: 0, Disagree: 0

Loans from whom? These loans will need to be from a government program.

Reply by **RedmondAdmin** on **07/09/2020** at **12:09am** [Comment ID: 61] - [Link](#)

Type: Answer

Agree: 0, Disagree: 0

Thanks for the question Tom. The City will explore multiple financing options, including Property Assessed Clean Energy and Resiliency which was approved this year under HB 2405.

Reply by **Dwight Rousu** on **07/09/2020** at **11:39pm** [Comment ID: 67] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

If relevant: Puget Sound Credit Union has provided loans for home solar systems.

#019

Posted by **Tom Markl** on **07/04/2020** at **5:22pm** [Comment ID: 28] - [Link](#)

Type: Question

Agree: 2, Disagree: 0

What does "ready" mean? The wiring, the electrical box capability, the actual system? This could be very expensive and increase housing costs, and rental costs for merchants and apartment dwellers. The degree of "ready" required, needs careful

cost/benefit scrutiny.

Reply by **RedmondAdmin** on **07/09/2020** at **12:02am** [Comment ID: 60] - [Link](#)

Type: Answer

Agree: 0, Disagree: 0

Thanks for your question Tom. Many actions within the draft ESAP, including this action, will require their own stakeholder process. It will be through this stakeholder process that the City will further refine the scope and evaluate the cost and equity considerations that you raise.

#020

Posted by **David Morton** on **07/12/2020** at **7:59pm** [Comment ID: 91] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

C-PACER Financing is now available. -- Encourage and support commercial buildings energy efficiency improvements, especially in underserved communities, thru a C-PACER (Commercial Property Assessed Clean Energy & Resilience) loan program. C-PACER financing programs were enabled by Washington State legislation in 2020 and such programs can now be set up by counties.

#021

Posted by **David Morton** on **07/30/2020** at **4:19pm** [Comment ID: 330] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

Lighting Upgrades — Implement energy-efficient outdoor lighting, including light emitting diodes (LED) and dimming technologies when appropriate. Convert all street lights to LEDs. Use Dark Skies best practices when possible to reduce light pollution and minimize bird strike hazards. Avoid using LEDs that shine white to blue as they are harmful to wildlife. Yellow, amber or green hues are best.

<https://www.darksky.org/light-pollution/light-pollution-solutions/>

<https://www.sciencedaily.com/releases/2018/06/180612090618.htm>

#022

Posted by **Shelly Bowman** on **07/13/2020** at **12:55pm** [Comment ID: 113] - [Link](#)

Type: Suggestion

Agree: 5, Disagree: -1

Encourage all electric -Flash hot water tanks, heat pumps, LED lighting and natural lighting. Encourage ground heat pumps.. Tax gas (stoves, fire places, water tanks, etc). Add water catchment grey water uses and incentives for compostable toilets, green houses, raised garden beds with built in water lines. I realize this may not all fit in the box here, so please put comments where appropriate. The point is highly sustainable building with completely innovative ideas

#023

Posted by **Gina Clark** on **07/16/2020** at **6:11pm** [Comment ID: 201] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

Agree with the comments to more fully define solar and EV ready. Does this simply mean wiring for it? Ensuring the roof in any part of direct sunlight is stable enough to hold the weight of cells? Need more clarification and guidelines of requirements, definitions, and potential costs on housing.

#024

Posted by **David Morton** on **07/30/2020** at **4:39pm** [Comment ID: 337] - [Link](#)

Type: Suggestion

Agree: 2, Disagree: 0

Renewable Electricity Supply -- Work to shift the electricity mix to 100% clean renewable power city-wide.

- a) Seek the cooperation of local utilities and the Washington Utilities and Transportation Commission in the pursuit of all carbon-free sources of energy as rapidly as possible.
- b) Research the opportunities for, and then implement if possible, a group purchase program for delivery of green (renewables) power on the electrical grid. Consider a community purchase agreement with green power producers.
- c) Mitigate potential cost burdens to low-income households if the transition to renewable energy sources causes increased rates.

#025

Posted by **David Morton** on **07/12/2020** at **7:55pm** [Comment ID: 90] - [Link](#)

Type: Suggestion

Agree: 4, Disagree: 0

Redmond should develop a Smart Building readiness program -- Modify the local commercial building code to "future proof" buildings through Smart Building (automation) readiness. Consider promoting, if not requiring, the following:

- (a) installation of "smart" systems controls with variable and remote programming features, including utility demand control receptors;
- (b) solar PV readiness;
- (c) EV charging readiness;
- (d) water efficiency readiness, including grey water reuse, rainwater collection, etc.

#026

Posted by **David Morton** on **07/12/2020** at **7:10pm** [Comment ID: 88] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: 0

Redmond must establish energy performance standards for new commercial buildings. Establish energy performance standards for new commercial building construction and major renovations. Prohibit the use of fossil fuel sources for space and hot water heating. Publicize, incentivize and publicly recognize high level certification achievements such as LEED Platinum or equivalent. Consider requiring such certification.

#027

Posted by **David Morton** on **07/12/2020** at **8:25pm** [Comment ID: 92] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: 0

Redmond should identify funding sources for energy-efficiency upgrades of City facilities such as:

- a) an internal Revolving Loan Fund (RLF) to capture savings from efficiency upgrades and fund new projects.
<https://betterbuildingsolutioncenter.energy.gov/implementation-models/king-countys-financing-tool-reduce-energy-demand>
- b) the King County Green Bonds Program, which supports projects that help combat climate change.
<https://www.kingcounty.gov/services/environment/stewardship/sustainable-building/green-bonds.aspx>
<https://www.brookings.edu/blog/the-avenue/2016/10/25/green-bonds-take-root-in-the-us-municipal-bond-market/>

#028

Posted by **Gina Clark** on **07/16/2020** at **6:13pm** [Comment ID: 202] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

Built Green is not on this list. Built Green in our area is the largest Built Green program in the US, and has certified over 20,000 residential units since 2000. Using a green certifier can help to simplify this plan and coordinate incentives through sections/actions of the plan.

#029

Posted by **David Morton** on **07/12/2020** at **7:06pm** [Comment ID: 87] - [Link](#)

Type: Suggestion

Agree: 4, Disagree: 0

Redmond must establish energy performance standards for existing residences. Establish energy performance standards per square foot, including maximum greenhouse gas emissions, for existing single family and multifamily residences. Target a future date (e.g. 2025) for city-wide conformance with the standards at the time of building resale. In addition, whether at time of resale or not, implement prescriptive clean energy equipment requirements for the end of life replacement of furnaces and hot water heaters; enforce these through required replacement permits. Also, include prescriptive minimum requirements for roof/attic insulation levels at the time of a roof replacement; enforce these through required roof replacement permits.

Action	Description	Timeframe
Resource Conservation Management Plan	Develop a Resource Conservation Management Plan and general government policy to guide energy efficiency investments, operations, and behaviors in City facilities.	➤➤➤
Reduce energy intensity of technology	Implement solutions to reduce energy demand from the City's IT infrastructure.	➤➤➤
New City building green certification 058 052 050	Develop a policy that requires all municipal owned buildings shall be constructed to a minimum certification level, such as the Gold level as defined by the U.S. Green Building Council's (USGBC) Leadership in Energy & Environmental Design (LEED) for New Construction.	➤➤➤ 031
Existing City building green certification 049 048	Implement updates needed for existing City buildings to achieve ENERGY STAR or equivalent recognition. Continue to track progress in a platform such as EPA Portfolio Manager.	➤➤➤
Embodied and operational carbon 059 054	Introduce a policy/program to address embodied and operational carbon in municipal operations.	➤➤➤
Strategy B3: Shift to renewable energy sources and building decarbonization.		
Financial tools for renewables 057 056 055	Employ financial tools or group purchases to incentivize the installation of on-site renewable energy. 041 036 034	➤➤➤
Cross-departmental task force	Develop a cross-departmental task force that works to address challenges related to land use code in siting renewable energy and other sustainability facilities in the city.	➤➤➤
Fuel switching pilot program 061	Pilot a voluntary program that focuses on residential and commercial fuel switching from natural gas to electric. 040 038 047 046 042	➤➤➤
Green building training	Educate City planning and permitting staff on codes and approaches for incentivizing decarbonization, such as through electric heat pumps. Update permitting process if needed to quickly review and flag decarbonization projects. 044	➤➤➤
Fuel switching contractor training	Conduct contractor training and development of sales packages for building owners wanting to get off fossil fuels. 032	➤➤➤
Incentivize electrification 051	Implement incentives such as expedited and free permitting for switching from fossil fuel (e.g., natural gas) to renewable electricity. 043 037	➤➤➤ 030
All-electric new construction 060 053	Evaluate natural gas consumption and emissions trends and explore incentives for all-electric construction. Consider restrictions on new natural gas hookups in developments and building under a phase-in schedule that considers technological feasibility, need based on community-wide emissions and pair with relevant exemptions. 045 039 033 035	➤➤➤
Strategy B4: Prepare the energy grid for future conditions.		
PSE smart grid technologies	Partner with PSE to implement in Redmond their smart grid technologies meant to improve reliability and management of the grid.	➤➤➤



#030

Posted by **Rosemarie Ives** on **07/19/2020** at **1:33am** [Comment ID: 247] - [Link](#)

Agree: 0, Disagree: 0

I support a reduction in fee permits but not a total "forgiveness."

#031

Posted by **Rosemarie Ives** on **07/19/2020** at **1:32am** [Comment ID: 246] - [Link](#)

Agree: 2, Disagree: 0

This is good in theory. However with City Hall, in 2008 after the City received its LEED certification, the city installed blinds on the 85th Street side of the building which was not consistent with the plan for passive solar that the city was granted points for in the LEED assessment. Then the City allowed a six/seven story building to be constructed across 85th that blocks the sun. So City needs to go beyond just getting the certification, they need to stay true to the designation.

#032

Posted by **Devon** on **07/19/2020** at **3:59am** [Comment ID: 264] - [Link](#)

Agree: 1, Disagree: 0

Yes please!

#033

Posted by **Gina Clark** on **07/16/2020** at **6:18pm** [Comment ID: 205] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

MBAKS supports a phased-in approach.

#034

Posted by **Devon** on **07/19/2020** at **3:56am** [Comment ID: 263] - [Link](#)

Type: Question

Agree: 1, Disagree: 0

Several new Redmond Schools have been build "solar ready." Could this be utilized?

Reply by **Stephanie Lecovin** on **07/20/2020** at **8:38am** [Comment ID: 294] - [Link](#)

Type: Question

Agree: 1, Disagree: 0

I believe all new LWSD schools are built solar-ready, but they don't have the \$\$ to put in solar panels. Could there be a partnership with the City of Redmond to install solar panels?

Reply by **RedmondAdmin** on **07/21/2020** at **7:52pm** [Comment ID: 307] - [Link](#)

Type: Answer

Agree: 0, Disagree: 0

Great ideas Devon and Stephanie. Partnerships will be an important element of implementation of the Sustainability Plan and we look forward to exploring those in more depth moving forward.

#035

Posted by **Devon** on **07/19/2020** at **4:03am** [Comment ID: 266] - [Link](#)

Type: Question

Agree: 0, Disagree: 0

What about geothermal heating/cooling?

#036

Posted by **David Morton** on **07/12/2020** at **8:44pm** [Comment ID: 96] - [Link](#)

Type: Suggestion

Agree: 5, Disagree: 0

Redmond should a) Enable the implementation of "community solar" projects that benefit all residents. Offer discounts to low income and disadvantaged participants.
b) Support "Solarize" programs that advance group purchase discounts for solar installation on private roofs.
<https://sparknorthwest.org/programs/solar/solarize-northwest/>

#037

Posted by **Devon** on **07/19/2020** at **4:02am** [Comment ID: 265] - [Link](#)

Type: Question

Agree: 0, Disagree: 0

Does this include home EV charger installation?

Reply by **RedmondAdmin** on **07/21/2020** at **7:57pm** [Comment ID: 308] - [Link](#)

Type: Answer

Agree: 0, Disagree: 0

Great question. This actions is focused on building fossil fuel consumption like heating, hot water, etc. Vehicle electrification/EVs are captured under the Transportation and Land Use focus area.

#038

Posted by **Tom Markl** on **07/04/2020** at **5:35pm** [Comment ID: 34] - [Link](#)

Type: Question

Agree: 2, Disagree: 0

Commercial kitchens and restaurants do not use electricity for cooking because it does not provide the speed and volume production they require. Many individuals find gas ranges more satisfactory for personal cooking in their homes. Would you exempt these?

Reply by **RedmondAdmin** on **07/14/2020** at **8:16pm** [Comment ID: 174] - [Link](#)

Type: Answer

Agree: 0, Disagree: 0

Hi Tom, this is one of the measures where we would work with stakeholders to determine the scope of the pilot, including what equipment would be targeted and exempt. Restaurants would be a key stakeholder in those discussion for the exact reason you noted.

#039

Posted by **Tom Markl** on **07/04/2020** at **5:37pm** [Comment ID: 35] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: -2

You will need to pair this with upgrades in the grid and distribution network to support the greater usage.

Reply by **David Morton** on **07/13/2020** at **4:23pm** [Comment ID: 122] - [Link](#)

Type: Suggestion

Agree: 4, Disagree: 0

This concern may be addressed by the following action called "PSE smart grid technologies."

#040

Posted by **Tom Markl** on **07/04/2020** at **5:32pm** [Comment ID: 33] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: -2

Since this will require a front end cost for new equipment and higher continuing operating costs, since gas is cheaper to use, incentives may be necessary to facilitate conversion.

Reply by **Dwight Rousu** on **07/09/2020** at **11:52pm** [Comment ID: 69] - [Link](#)

Agree: 4, Disagree: 0

- 1) Heat pumps have been market price competitive with natural gas.
- 2) Current prices for natural gas ignore the social and environmental costs of their greenhouse gas emissions. Those should be in the equation.

#041

Posted by **Tom Markl** on **07/04/2020** at **5:29pm** [Comment ID: 32] - [Link](#)

Type: Question

Agree: 0, Disagree: 0

A group purchase will require an intermediary/facilitator. Do you envision the city doing this?

Reply by **RedmondAdmin** on **07/21/2020** at **7:49pm** [Comment ID: 306] - [Link](#)

Type: Answer

Agree: 1, Disagree: 0

Hi Tom, the City would explore multiple options, but a likely scenario includes a Solarize Campaign in partnership with Spark Northwest.

#042

Posted by **David Morton** on **07/13/2020** at **1:52am** [Comment ID: 99] - [Link](#)

Type: Suggestion

Agree: 4, Disagree: -3

Prohibit new building service hookups using fossil fuels, including fuel oil, propane, and natural gas.

#043

Posted by **Steve Thompson** on **07/16/2020** at **1:27pm** [Comment ID: 186] - [Link](#)

Type: Suggestion

Agree: 2, Disagree: 0

Anytime NG equipment needs to be replaced, converting to electric heat pumps should be required. The efficiency of new heat pumps will reduce operating costs and eliminated the negative impacts of fossil fuel.

#044

Posted by **Steve Thompson** on **07/16/2020** at **1:39pm** [Comment ID: 187] - [Link](#)

Agree: 1, Disagree: 0

There are many good ways of reducing energy use which are being missed because of thinking "This is the way we have always done it." The city staff should be front line in sharing new options.

#045

Posted by **David Morton** on **07/30/2020** at **4:46pm** [Comment ID: 339] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

Restrict New Fossil Fuels Service -- Prohibit new service hookups using fossil fuels, including fuel oil, propane, and "natural" gas.

#046

Posted by **David Morton** on **07/13/2020** at **1:50am** [Comment ID: 98] - [Link](#)

Type: Suggestion

Agree: 4, Disagree: 0

Prohibit utility company incentives for switching from electric appliances to natural gas. Also prohibit utility disincentives for switching from natural gas appliances to electric.

#047

Posted by **David Morton** on **07/13/2020** at **1:49am** [Comment ID: 97] - [Link](#)

Type: Suggestion

Agree: 4, Disagree: 0

Redmond should establish a Clean Energy Assistance Fund (govt/private partnership) to help low income building owners invest in energy efficiency, clean fuel switching, and renewable energy projects. Consider a combination of funding sources such as donations, grants, private loans with very low interest rates, or low interest municipal bonds.

#048

Posted by **David Morton** on **07/30/2020** at **4:27pm** [Comment ID: 334] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

Sustainable "Green" Building — Target net-zero energy use by implementing "green" building policies for new city buildings and major retrofits. Require clean energy, low-carbon footprint, and ultra-high efficiency in new government buildings. Consider LEED platinum certification or better.

<https://www.usgbc.org/leed>

#049

Posted by **David Morton** on **07/30/2020** at **4:24pm** [Comment ID: 332] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

City Building Performance Tracking -- Require energy benchmarking of city facilities and calculate Energy Star scores. Technical help is available from the Smart Buildings Center.

<https://www.smartbuildingscenter.org/>

#050

Posted by **David Morton** on **07/30/2020** at **4:26pm** [Comment ID: 333] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

Sustainable "Green" Building — Target net-zero energy use by implementing "green" building policies for new city buildings and major retrofits. Require clean energy, low-carbon footprint, and ultra-high efficiency in new government buildings. Consider LEED platinum certification or better.

<https://www.usgbc.org/leed>

#051

Posted by **David Morton** on **07/30/2020** at **4:41pm** [Comment ID: 338] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

Encourage Transitioning off Natural Gas --

- a) In cooperation with utility companies, create incentives for switching from fossil fuels to electric equipment for space and water heating and cooking.
- b) Prohibit utility company incentives for switching from electric heating and electric appliances to "natural" gas.

#052

Posted by **David Morton** on **07/30/2020** at **4:23pm** [Comment ID: 331] - [Link](#)

Type: Suggestion

Agree: 2, Disagree: 0

City Building Performance Tracking -- Require energy benchmarking of city facilities and calculate Energy Star scores. Technical help is available from the Smart Buildings Center.

<https://www.smartbuildingscenter.org/>

#053

Posted by **Amy Webber** on **07/14/2020** at **6:57pm** [Comment ID: 159] - [Link](#)

Agree: 0, Disagree: 0

Check with Carol Lewis on her work on implementing the new 2018 code and amendments. I believe there is a reduction of one credit under residential for all electric heating.

#054

Posted by **Tom Hinman** on **07/14/2020** at **4:03pm** [Comment ID: 145] - [Link](#)

Type: Suggestion

Agree: 2, Disagree: 0

How can this strategy get applied to private/residential settings? By education/emphasis if nothing more??

Reply by **RedmondAdmin** on **07/21/2020** at **7:43pm** [Comment ID: 305] - [Link](#)

Type: Answer

Agree: 0, Disagree: 0

Thanks for the suggestion Tom. Absolutely, education is one strategy and we welcome other ideas to amplify this work.

#055

Posted by **Dwight Rousu** on **07/31/2020** at **4:38pm** [Comment ID: 349] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

Investigate means for apartment dwellers to go renewable in collaboration with the apartment owners. This might require some creativity and incentives.

#056

Posted by **David Morton** on **07/12/2020** at **8:40pm** [Comment ID: 95] - [Link](#)

Type: Suggestion

Agree: 2, Disagree: -1

Redmond could promote community solar on City property.

#057

Posted by **David Morton** on **07/12/2020** at **8:37pm** [Comment ID: 94] - [Link](#)

Type: Suggestion

Agree: 5, Disagree: 0

Redmond should promote the creation of eco-districts where neighborhood areas work together with businesses, property owners, residents, and stakeholders and agree on a set of environmental goals for the neighborhood. New or redeveloping neighborhoods could expand or enhance green space, cluster buildings to share walls and save energy, reduce necessary infrastructure, share resources like district heating or community solar, and generally work together to shrink environmental impacts.

#058

Posted by **Karen Dawson** on **07/17/2020** at **6:53pm** [Comment ID: 237] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: 0

As a part of the proposed new policy regarding all municipal owned buildings/new city building green certification, ensure that WDOE post construction soil standards are incorporated. Perhaps consider other soil-related requirements such as stipulating that soils come from the city's own recycling programs to ensure a closed loop cycle.

BMP T5.13 – Post Construction Soil Quality and Depth:
<https://fortress.wa.gov/ecy/madcap/wq/2014SWMMWWinteractive/Content/Topics/VolumeV2014/VoIV%20Ch5%202014/VoIV%20Ch5-3%202014/VoIV%20Ch5-3-1%202014/VoIV%20BMPt513%202014.htm>

Another idea would be to build out rain gardens or food forests surrounding city properties to demonstrate to the city businesses and residents what can be done on their own properties or even at their apartments via a container garden to incorporate

green design elements, contribute to the city's stormwater management, climate resilience and maybe even reduce their shopping trips by growing food in their yard or on their balcony.

#059

Posted by **Gina Clark** on **07/16/2020** at **6:14pm** [Comment ID: 203] - [Link](#)

Agree: 1, Disagree: 0

Thank you for recognizing embodied carbon.

#060

Posted by **David Morton** on **07/13/2020** at **1:57am** [Comment ID: 100] - [Link](#)

Type: Suggestion

Agree: 6, Disagree: 0

Buildings Electrification Study -- Launch a study to determine the consumer and emissions impacts of electrifying residential and commercial buildings. The study should include an economic survey of building owners and residents that analyzes their ability to comply with some of the city actions being considered to reduce the climate impacts of buildings. Consider partnering with other cities in the region to share the study cost.

#061

Posted by **Gina Clark** on **07/16/2020** at **6:17pm** [Comment ID: 204] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

MBAKS is generally supportive as we were in Seattle. However, a phased approach will work best given available resources and technology, along with significant community and homeowner. Consider enhanced rebate programs for homes making the switch and close coordination with construction/homebuilding industry to anticipate costs, incentives.

Action	Description	Timeframe
Energy storage	Introduce a policy to streamline permitting and interconnection processes for energy storage projects.	
Strategy B5: Expand performance benchmarking and improvements.		
Leverage Smart Cities	Leverage the rollout of smart cities strategies to support projects that improve sustainability tracking, emissions reduction, and cost savings related activities. 064	
Energy use disclosure 070	Require energy use disclosure and benchmarking for buildings, starting with commercial and multifamily buildings over a size threshold.	
Efficiency requirements above cost/sf threshold 074	Require that all permitted residential and nonresidential building improvements over 067 square footage or cost 062 threshold evaluate and enhance energy efficiency 063	
Point of sale weatherization 071	Introduce point-of-sale efficiency and performance standards for residential and commercial buildings, with affordable pathways for small businesses and lower and moderate-income households.	
Large commercial/industrial efficiency and tune-up requirement 073 072	Building on proposed WA state policy, develop a phased timeline when all existing non-residential commercial and industrial buildings over a sq 066 footage t 065 hold must meet energy performance standards and implement efficiency upgrades and improvements as needed.	

069

068



#062

Posted by **Devon** on **07/19/2020** at **4:11am** [Comment ID: 267] - [Link](#)

Type: *Suggestion*

Agree: 1, Disagree: 0

Homes/buildings built with energy efficiency in mind will be cheaper to live in - increasing their affordability.

#063

Posted by **Gina Clark** on **07/16/2020** at **6:21pm** [Comment ID: 206] - [Link](#)

Type: *Suggestion*

Agree: 0, Disagree: 0

New buildings and homes are already energy efficient and with the expanded requirements of the state energy and building code, will be regulated to keep improving energy and building efficiency. Existing homes and buildings are often the ones in need of upgrades and miss energy targets. Sufficient rebate programs, education, and public-private partnerships to support retrofit of existing homes, with exceptions for low-income, seniors, etc., should be considered.

#064

Posted by **Stephanie Lecovin** on **07/20/2020** at **8:47am** [Comment ID: 295] - [Link](#)

Type: *Question*

Agree: 0, Disagree: 0

Is this referring to smart meters and 5G? These have huge privacy, health, safety, environmental and property value concerns. Check out Environmental Health Trust for more info - ehtrust.org.

#065

Posted by **Amy Webber** on **07/14/2020** at **6:49pm** [Comment ID: 156] - [Link](#)

Type: *Suggestion*

Agree: 1, Disagree: 0

Consider what mechanism will need to be in place in order to implement this policy. A building owner does not necessarily have any mechanism in a commercial lease to enforce changes put upon the property. I.e. a grocery store tenant owns, maintains, and is responsible for their own HVAC and mechanical equipment so if the requirement is put on the property/building owner there is no way to pass the requirement through to the tenant. Make sure you capture the users.

#066

Posted by **Tom Markl** on **07/04/2020** at **5:44pm** [Comment ID: 37] - [Link](#)

Type: *Suggestion*

Agree: 0, Disagree: -1

Again, this means higher rents. This will further adversely impact small, local businesses that rent small spaces in larger complexes.

#067

Posted by **Tom Markl** on **07/04/2020** at **5:42pm** [Comment ID: 36] - [Link](#)

Agree: 1, Disagree: 0

The newest buildings are already the most efficient. This would be directed at older buildings. Older apartment buildings are generally the most affordable, so requiring upgrades will mean passing costs on to the tenants as higher rents. This could substantially reduce the availability of low income affordable housing.

#068

Posted by **Shelly Bowman** on **07/13/2020** at **1:13pm** [Comment ID: 115] - [Link](#)

Type: *Suggestion*

Agree: 3, Disagree: -1

Hopefully ideas and contractors can be shared from Microsoft Refresh..win win scenarios to help our city quickly ramp up to a US leader..This showcases Microsofts technology and community caring. We should also be inviting the UW to showcase its solar developments etc, and we should help small and large businesses and families to learn and install sustainable innovations.

#069

Posted by **Shelly Bowman** on **07/13/2020** at **1:06pm** [Comment ID: 114] - [Link](#)

Type: Suggestion

Agree: 2, Disagree: 0

Innovative educational art/science display works. Examples- solar/wind trees where the leaves blow in the wind creating energy (i have seen these mini turbines, very cool) coupled with solar to light the sidewalks at night. Solar sidewalks that can light up snowflakes in winter and melt the ice for safe walking.

#070

Posted by **Amy Webber** on **07/14/2020** at **6:39pm** [Comment ID: 152] - [Link](#)

Type: Question

Agree: 0, Disagree: 0

What is the size threshold being proposed? What is the cost to collect all of this information and to what benefit? How will compliance be administered?

Reply by **RedmondAdmin** on **07/14/2020** at **8:23pm** [Comment ID: 177] - [Link](#)

Type: Answer

Agree: 0, Disagree: 0

A threshold has not been established, but would likely look beyond the current state energy use disclosure threshold of buildings 10,000 SF and above. The City would work with stakeholders to explore other existing programs and identify appropriate compliance mechanisms.

#071

Posted by **Amy Webber** on **07/14/2020** at **6:42pm** [Comment ID: 153] - [Link](#)

Agree: 2, Disagree: 0

Depending on the actual end requirements, this requirement could have a big impact on affordable housing.

#072

Posted by **David Morton** on **07/12/2020** at **8:31pm** [Comment ID: 93] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: 0

Redmond should have a commercial building tune-ups program -- Require large commercial buildings (e.g. over 10,000 sq.ft.) to have periodic energy audits (e.g. every 5 years) to identify low- or no-cost improvements to reduce energy and water use. — Work with partner organizations to promote building retro commissioning and operation and maintenance practices that improve affordability, comfort, indoor air quality and energy efficiency in all commercial and multifamily buildings.

#073

Posted by **David Morton** on **07/12/2020** at **6:52pm** [Comment ID: 86] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: 0

Redmond must establish performance standards for existing commercial buildings. For buildings over 20,000 sq. ft., establish energy performance standards per square foot, including maximum greenhouse gas emissions, for existing commercial buildings. Target a future date (e.g. 2030) for city-wide conformance with the standards. Set maximum allowed energy consumption levels at least ten percent lower than the federal 2012 CBEC average energy consumption level for the appropriate building

type. Consider tightening standards further in the future (e.g. 2040). For commercial buildings under 20,000 sq.ft., set up similar standards to be enforced at time of resale.

#074

Posted by **David Morton** on **07/13/2020** at **2:14am** [Comment ID: 101] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

Building Retrofit Demonstration Pilots — Support adaptive existing building pilot demonstration projects that consider affordability, comfort, safety and strategies to achieve ultra low or net-zero energy, water and waste.



Help Us Implement the Plan

Reaching Redmond’s sustainability goals will require action from every individual in our community. Collective action can have a significant impact on lowering the community carbon footprint. There are numerous ways to take action to save energy, here are just a few that help to reduce emissions.



Flip the switch!

Switch off and unplug appliances when not in use. TVs, phone chargers, and computers use electricity even on standby, so remember to unplug them. Switching off and monitoring is becoming even easier with in-home apps and devices.

Related action(s):

- PSE smart grid technologies

Power up with renewables.

Make your home or business fossil fuel free and powered by the sun, wind, or water. Rooftop solar PV or a PSE Green Direct subscription are great ways to power your home or business with clean energy.

Related action(s):

- Solar- and EV-ready infrastructure requirements
- Production incentive support
- Energy storage

Optimize your household or business.

Make your home tight, efficient, quiet, and comfortable. Proper insulation and air sealing can dramatically cut energy used to heat and cool buildings, while double and triple-paned windows and energy-efficient doors save even more. Installing programmable thermostats can bring additional energy savings by automatically adjusting your building’s temperature.

Related action(s):

- PSE smart grid technologies



Transportation and Land Use

Goal: Reduce transportation emissions and enhance community mobility.

Transportation and land use are critical elements of a sustainable, livable, equitable, and accessible Redmond. Currently, transportation and land use contribute to approximately 26% of Redmond’s community GHG emissions. This section includes actions that promote and support alternative transportation, improve land use planning, and encourage use of clean and energy-efficient vehicles.



Progress To-Date Highlights

- The City currently reduced its fleet’s carbon footprint by tracking fleet fuel use, miles driven, and vehicle type.
- Redmond is currently identifying publicly owned land that is offered at a discounted price to support the development of deeply affordable housing.
- The Department of Public Works installed electric vehicle chargers in the Maintenance and Operations Center (MOC) yards, public parking lots, explored building a sustainable campus, and researched alternative fuels.
- The City recently constructed a sidewalk and bicycle lane on the west side of Redwood Road near 109th Street.
- The City has a Green Building Incentive Program that includes density bonuses for increasing residential/commercial development on sites near transit and for affordable housing.

<p>Community VMT. There has been a 2.1% overall increase from 2011 to 2017.</p>	
<p>Per Capita VMT. There has been a 9.4% decrease from 2011-2017.</p>	
<p>Transportation GHG emissions. Community transportation emissions decreased 4% from 2011-2017.</p>	



#001

Posted by **David Morton** on **07/12/2020** at **5:30pm** [Comment ID: 78] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: 0

These planned actions must also be included in the City Comprehensive Plan --

A City Comprehensive Plan update should include:

- a) measurable carbon emission reduction and climate mitigation plans;
- b) keeping growth within existing King County Urban Growth Boundaries (<http://mrsc.org/Home/Explore-Topics/Planning/General-Planning-and-Growth-Management/Comprehensive-Planning-Growth-Management.aspx>);
- c) protecting natural resources and increasing access to nature and open space within the Urban Growth Boundary;
- d) density increases where work, shopping, schools, and play are close to where people live (i.e. within a 10 minute walk).

#002

Posted by **Shelly Bowman** on **07/13/2020** at **11:51am** [Comment ID: 107] - [Link](#)

Type: Suggestion

Agree: 5, Disagree: 0

I do not support a location of "Deeply Affordable Housing", but instead I support all areas to have all income affordability options. Project areas have a stigma. Intermixed areas create social diversity, pride, equity, opportunity.

#003

Posted by **Rosemarie Ives** on **07/19/2020** at **2:48am** [Comment ID: 258] - [Link](#)

Agree: 2, Disagree: 0

This is labeled "Transportation and Land Use" but there is nothing about land use--no indicators, no actions. Land use decisions are at the heart of everything else! Though I will read through the rest of this open house document and comment, without any discussion on land use, it feels like the City is being disingenuous and not really committed to making the really tough decisions demanded if we are to have any chance at being sustainable.

#004

Posted by **Gina Clark** on **07/16/2020** at **5:12pm** [Comment ID: 188] - [Link](#)

Type: Suggestion

Agree: 4, Disagree: 0

MBAKS suggests making amendments to this program to expand incentives, rethink land use citywide, and consider a third party certifier such as Built Green, LEED, or Living Building Challenge. This would allow the city to simplify the plan, better give cross focus area benefits. MBAKS would also urge the city to look to other jurisdictions, regions to expand the menu of incentives, to promote those incentives, and clearly list and explain the menu of incentives and benefits.

#005

Posted by **Anne Phillips** on **07/01/2020** at **1:14pm** [Comment ID: 10] - [Link](#)

Type: Suggestion

Agree: 5, Disagree: 0

I see Transportation ideas, but where's the Land Use? I would think that would be increasing density, increasing green spaces and urban forests, trying to connect homes and transit to reduce the need for driving cars.

Also, in a City plan, I would appreciate additional columns for which department will bear the responsibility for implementing each idea, some gauge of bang-for-buck and timeline.

#006

Posted by **David Morton** on **07/12/2020** at **6:03pm** [Comment ID: 82] - [Link](#)

Type: Suggestion

Agree: 7, Disagree: 0

Redmond must require emission evaluations (a standard GHG emissions analysis) for all project applications that require public notification. Include estimates of carbon emissions in all planning scenarios, Comprehensive Plan updates, and Transportation System Plan decisions. Partner with regional jurisdictions to predict and monitor GHG emissions impacts of land use and transportation decisions.

#007

Posted by **Yumi Shridhar** on **07/20/2020** at **1:13pm** [Comment ID: 297] - [Link](#)

Type: Suggestion

Agree: 2, Disagree: 0

I think that allowing deeply affordable housing in the core of downtown would be very beneficial to the community as downtown can be seen as a Transit Oriented Development (TOD) where people would not need to have a car to go grocery shopping or to go to work. This would help the lower income communities greatly so that they don't have to spend their needed money just to have a car to go to their jobs, they can easily walk to the transit center and take the bus to wherever they work.

#008

Posted by **Gina Clark** on **07/16/2020** at **5:15pm** [Comment ID: 189] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: 0

This is one wise potential solution to expanding affordable housing and choice while also creating potential public-private partnerships. MBAKS would caution, however, to not segregate affordable options to certain acceptable pockets, no matter the AMI. Zoning improperly creates instant gentrification and isolation of certain "class" neighborhoods. Look to your neighbor Kirkland, Olympia, and a multitude of other cities who are moving towards integrating housing affordability and choice citywide, even in R1 zones.

Reply by **Yumi Shridhar** on **07/20/2020** at **1:21pm** [Comment ID: 299] - [Link](#)

Agree: 1, Disagree: 0

I agree with Gina! For years, zoning was used as a tool for segregation that separated people based on class, and studies have shown that it has also separated people based on race. A continuation of this in in current planning would lead to a much larger wealth gap as people in the lower income areas would end up stuck in their areas, not able to move up in income. I believe that our city should look towards reformative planning and mix income levels so that slow down the process of gentrification and the damages that it could bring to our community.

#009

Posted by **David Morton** on **07/11/2020** at **9:06pm** [Comment ID: 74] - [Link](#)

Type: Suggestion

Agree: 4, Disagree: 0

Redmond's transportation plan needs to be coordinated with other local governments and the Puget Sound Regional Council (PSRC). There needs to be a Regional Transportation Plan (RTP). Redmond must work with other local governments and the Puget Sound Regional Council (PSRC) to:

- (a) Establish carbon emission reduction targets for transportation and land use.
- (b) Agree on methods used to estimate carbon emissions.
- (c) Work with King County staff to refine the regional travel demand model for motorized and non-motorized transportation.
- (d) Research and develop possible first/last mile transportation alternatives.
- (e) Ensure that emission reduction is a priority for PSRC funding. <https://www.psrc.org/our-work/rtp>

#010

Posted by **Rosemarie Ives** on **07/19/2020** at **1:04am** [Comment ID: 239] - [Link](#)

Type: Question

Agree: 0, Disagree: 0

"deeply" ??? affordable housing

A very expensive stretch for sidewalk and bicycle lane that connect to a short stretch of the same on the south and ends at 109th...

#011

Posted by **LEVI CASTO** on **07/31/2020** at **1:36pm** [Comment ID: 346] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

An incentive program isn't enough- any new building (excluding single-family housing) should be required to have third party sustainability certification

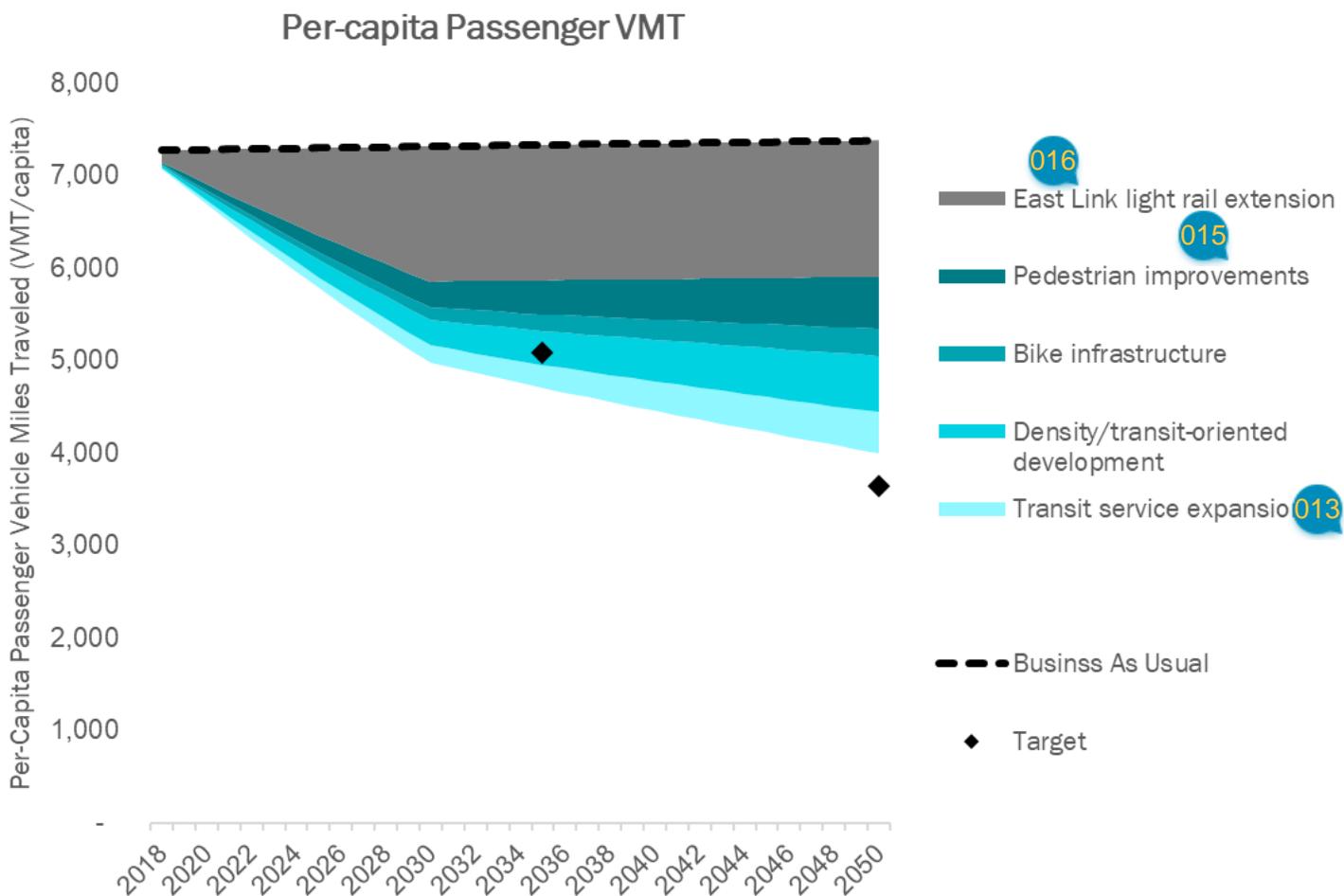
Sustainability Targets, Strategies, and Actions

Targets

Indicator	Target	019
Reduce per-capita vehicle miles travelled (VMT)	30% reduction by 2035 50% reduction by 2050	
Increase electric vehicle use (% of VMT by EVs)	100% light duty by 2050 60% medium duty by 2050 40% heavy duty by 2050	017
Reduce transportation GHG emissions (MTCO _{2e})	47% reduction by 2035 71% reduction by 2050	018 014

How Will We Get There?

021 We estimate that implementing these strategies, in conjunction with external actions, could lead to a 45% reduction of per capita VMT by 2050. 020 We acknowledge that the City will need to continue to monitor and amend its approach to ultimately meet the state’s target of 50% reduction by 2050. Key actions in achieving the city’s goals include the East Link light rail extension, 022 bike and pedestrian improvements, increased urban density and transit-oriented development, and transit service expansion (see figure below).



#012

Posted by **Shelly Bowman** on **07/13/2020** at **12:18pm** [Comment ID: 109] - [Link](#)

Type: Suggestion

Agree: 5, Disagree: 0

Changes to mass transit must take place based on COVID19 to make safe. And now more than ever, if it remains cheaper and faster to drive your own car (other than high commute times) Light Rail will need to change packing the train mentality and offer more space and safety to riders- more comfort.

#013

Posted by **Gina Clark** on **07/16/2020** at **5:23pm** [Comment ID: 191] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: 0

Transit service expansion should include a hub and spoke model that seeks to include internal, frequent circulators and spokes that feed into residential, commercial to better serve transportation demand and hubs. MBAKS also supports and is willing to help partner in expanding public-private partnerships for enhanced employee shuttle service and lobbying post-COVID for improved and expanded telecommuting policies to remove cars from the road, eliminate the need for increased parking.

#014

Posted by **Shelly Bowman** on **07/13/2020** at **12:11pm** [Comment ID: 108] - [Link](#)

Type: Suggestion

Agree: 4, Disagree: -1

100% must be achieved. Climate Change must be stopped and reversed. Partial results in 30 years is trying to achieve, not achieving, Sustainably. Less than is a slippery path of "good enough".

#015

Posted by **Devon** on **07/19/2020** at **3:12am** [Comment ID: 259] - [Link](#)

Type: Question

Agree: 2, Disagree: 0

Would the Link Light Rail have EV charging stations at either end? Commuter vans?

#016

Posted by **Rachel A Molloy** on **07/20/2020** at **2:48am** [Comment ID: 283] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

Additional bike lockup facilities at transit and rail hubs would be appreciated. Or "last mile" incentives (scooter lockers, charging for PEVs, etc) when possible.

#017

Posted by **LEVI CASTO** on **07/31/2020** at **1:43pm** [Comment ID: 347] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

Important to remember- new EVs are not always the more sustainable option compared to a used fossil fuel vehicle. EVs reduce the scope 1 emissions of the operation of the vehicle but are not without their less obvious GHG costs in scopes 2 and 3. The transition to EVs should be informed by this balance and socially equitable.

#018

Posted by **Brian Tosch** on **07/04/2020** at **2:04pm** [Comment ID: 12] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: -1

These goals are not nearly aggressive enough. GHG should be net 0 by 2040 at the

latest.

Reply by **David Morton** on **07/11/2020** at **6:59pm** [Comment ID: 72] - [Link](#)

Agree: 4, Disagree: 0

Brian's suggestion translates to 100% reduction of transport GHG emissions by 2040.

#019

Posted by **Rachel A Molloy** on **07/20/2020** at **2:46am** [Comment ID: 282] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

Agree...given on-going science, we are already looking at 2040 as the new end dates. Additional research coming out of the pandemic reductions should help narrow in these dates, but sensitivities have not been in our favor.

#020

Posted by **Gina Clark** on **07/16/2020** at **5:19pm** [Comment ID: 190] - [Link](#)

Type: Suggestion

Agree: 2, Disagree: 0

MBAKS understands there's a fine line between targeted, stated goals, small business preservation, impacts on housing affordability and choice. MBAKS would suggest further exploration of these numbers to potentially achieve the 50% reduction levels by 2050 through collaboration with a third party certifier like Built Green, and potentially working with neighboring jurisdictions like Kirkland, Woodinville, Sammamish, Duvall, and Bellevue to collaborate in a more regional way to connect Environmentally Sustainability Plans, seek funding and grants together complete certain linked projects to achieve these sustainability goals while spreading cost.

#021

Posted by **David Morton** on **07/12/2020** at **5:50pm** [Comment ID: 80] - [Link](#)

Type: Suggestion

Agree: 6, Disagree: 0

Drivers of vehicles in Redmond must reduce vehicle miles traveled (VMT) --

- a) Encourage business owners to offer Commute Trip Reduction (CTR) programs or similar incentives to their employees for using transit or rideshare options.
- b) Promote alternatives to driving such as transit, car pooling, bikes, online meetings, telecommuting, carpooling, walking, etc.
- c) Encourage public use of real-time apps for transit, shared ride, and other transportation modes.

<https://www.chooseyourwaybellevue.org>

<https://www.codepublishing.com/WA/Issaquah/html/Issaquah10/Issaquah1046.html#10.46.020>

#022

Posted by **Larissa Ruiz** on **07/20/2020** at **1:13pm** [Comment ID: 298] - [Link](#)

Agree: 0, Disagree: 0

I agree that we need faster and better public transportation systems to interconnect cities. Trains are a great way to achieve that.

Proposed Strategies and Actions

The list below presents proposed **strategies and actions** for inclusion in the Redmond Environmental Sustainability Action Plan.

 = Ongoing/Expanded
  = Near-term
  = Mid-term
  = Long-term
 = Foundational Action

Action	Description	Timeline
Strategy T1: Increase the equitable use of non-SOV modes of transportation, such as biking, walking, and public transit.		
Downtown Redmond parking	Implement Downtown Strategic Parking Management Plan's Conditions Report subsequent phases to evaluating parking needs and management. 046 041 039	036 028
Implement Growth and Transportation Efficiency Center program 048	Develop a framework and implementation plan for the City's Growth and Transportation Efficiency Center (GTEC) program in order to integrate transportation demand management (TDM) actions with infrastructure improvements, facilitate growth, and maximize the efficiency of transportation infrastructure.	032
Commuter mobility partnerships 063 056	Partner with organizations such as the Transportation Management Association (TMA) to increase commuter mobility and efficient use of transportation systems through services, incentives, education, and the promotion of single occupancy vehicle alternatives to residents.	031
Multimodal transit/facilities 065 058	Partner with transit agencies to maintain and enhance multimodal transit services and related facilities, including better first-mile access to transit and preparing for opening of Link Light Rail. 044 038 042	034
Pilots for trip reduction 059	Continue piloting trip reduction initiatives such as app-based carpooling and scooter/bike share.	
Reevaluate TDM performance measures	Reevaluate and revise TDM performance measures as needed to ensure they are directly linked to Redmond's livability and sustainability.	
Mobility data publication	Continue to refine and improve mobility for all targets and data tracking systems. Make the programs and data available for the public.	
Improve student alternative transport	Improve alternative transportation options for local schools.	
Telecommuting and alternative work schedules 057	Expand telecommute and flexible schedules for City employees and encourage Redmond businesses to adopt. 045	025
Unbundle parking 060	Develop an ordinance requiring unbundled parking in all rental housing so residents that do not own a car will not have the cost of parking bundled in their rent.	029
Increase new mobility options	Encourage and foster the use of new mobility options, such as bike share, electric bike 052 and scooters, and ride hailing.	
Bike storage incentives and requirements 053	Develop incentives for current development and mandates for new development to increase the number of safe bicycle storage spaces around planned light rail stations.	035 026
EV charging business partnerships 066 062	Partner with organizations such as OneRedmond to encourage businesses to install charging stations at workplaces and to provide support for commercial entities interested in providing charging stations for their employees. 050	027
Diversify housing options	Allow for AOU, duplexes, 4+8 unit apartments/ condos, ADUs, and retrofits in single family zones to promote higher density housing/commercial development. 051 040	
Parking maximums/minimums 054	Develop parking maximum and minimum requirements in urban areas and along transit corridors.	024
Increase "Spine Network" goal 2030 064	Identify new partnerships and funding sources to support an increased "spine" bike network above the current expectation of 51% completion by 2030 and identify opportunities to provide bicycling facilities that will be comfortable for more riders, such as cycletracks/multi-use paths. 047	037 033
Create more walkable communities 061	Review and update land use and zoning policy to promote more walkable built environment. 049 043	030 023
Active mobility infrastructure investments	Identify and implement pedestrian and bicycle infrastructure investments that promote connectivity, safety, and mobility for all.	
Comprehensive transportation outreach and education 055	Develop education and outreach programs and materials for transportation initiatives related to reducing emissions and/or community mobility.	



#023

Posted by **Rosemarie Ives** on **07/19/2020** at **1:08am** [Comment ID: 240] - [Link](#)

Agree: 1, Disagree: 0

For years the City has said it wants downtown to be pedestrian friendly. All the signals cater to moving cars through intersections....cars first ahead of pedestrians.

#024

Posted by **Brian Tosch** on **07/04/2020** at **2:05pm** [Comment ID: 13] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

We should eliminate all parking minimums immediately

#025

Posted by **Brian Tosch** on **07/04/2020** at **2:08pm** [Comment ID: 15] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: 0

The city needs to make sure everyone has access to fiber. City facilities should offer free Wifi to nearby areas

#026

Posted by **Brian Tosch** on **07/04/2020** at **2:10pm** [Comment ID: 17] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

The city can covert car parking to bike parking / storage now.

#027

Posted by **Tom Markl** on **07/04/2020** at **4:42pm** [Comment ID: 20] - [Link](#)

Agree: 1, Disagree: 0

I understand that Each EV charging station costs abut \$20,000. So this needs to be phased in to be consistent with actual EV use.

#028

Posted by **Brian Tosch** on **07/04/2020** at **2:07pm** [Comment ID: 14] - [Link](#)

Type: Suggestion

Agree: 2, Disagree: 0

All parking should be paid and we should rapidly reduce available parking.

Reply by **Marion Kee** on **07/19/2020** at **6:42pm** [Comment ID: 275] - [Link](#)

Agree: 0, Disagree: 0

Give me a shuttle bus that can get me from my transit desert at W Lk Samm Pkwy & NE 51st to downtown--and around downtown after I've got a full shopping bag and still need to hit the QFC before I can go home--and back to my cross street intersection, and I'll happily pay a reasonable fare and won't have to drive to go shopping! I'm hearing-impaired and have osteoporosis, so no bike for me. I'm in very good shape but the roundtrip to grocery stores and back is over 4 miles--fine without carrying groceries, not good with groceries to get home. Due to spinal problems I can't wear a backpack to carry my shopping. Yes, these are my challenges, and not yours. But if I need to take a car downtown, I believe you are well aware that that becomes part of a problem with too many vehicles downtown.

#029

Posted by **Tom Markl** on **07/04/2020** at **4:40pm** [Comment ID: 19] - [Link](#)

Agree: 0, Disagree: -1

Parking is already unbundled, that's why they park on the streets

#030

Posted by **Tom Markl** on **07/04/2020** at **4:45pm** [Comment ID: 21] - [Link](#)

Type: *Suggestion*

Agree: 1, Disagree: -1

Light rail only goes where the tracks are. Even with light rail, most people living in Redmond will still need a car to get to work. Why doesn't Redmond change it's codes so that Office can be built downtown. That way many people who live downtown can walk to work instead of driving.

#031

Posted by **Rosemarie Ives** on **07/19/2020** at **1:14am** [Comment ID: 242] - [Link](#)

Agree: 3, Disagree: 0

TMA needs to be administered by the City not by One Redmond, a business advocacy organization.

#032

Posted by **Rosemarie Ives** on **07/19/2020** at **1:12am** [Comment ID: 241] - [Link](#)

Agree: 3, Disagree: 0

What is a TECenter? City needs to get tough on businesses with over 50 employees who are subject to the law to have a trip reduction plan. If OneRedmond is still administering the TDM, they shouldn't because they are a business advocacy organization.

#033

Posted by **Brian Tosch** on **07/04/2020** at **2:09pm** [Comment ID: 16] - [Link](#)

Type: *Suggestion*

Agree: 1, Disagree: 0

We need to lower speed limits and close car lines for conversion to bike traffic.

#034

Posted by **LEVI CASTO** on **07/31/2020** at **11:40pm** [Comment ID: 351] - [Link](#)

Type: *Suggestion*

Agree: 0, Disagree: 0

There should be an agreement developed for fare transferability between transit agencies. As a UW student that frequently commutes between Seattle and Redmond without a car, paying fare once for KCMetro, again for Sound Transit, possibly again for the Link, and all three again to return is totally unsustainable. Utilizing public transit must be affordable to all.

#035

Posted by **Marion Kee** on **07/15/2020** at **5:07pm** [Comment ID: 180] - [Link](#)

Type: *Suggestion*

Agree: 2, Disagree: 0

Please also continue pushing Sound Transit to provide more bicycle storage in its light rail station plans, storage that is secure.

#036

Posted by **Devon** on **07/19/2020** at **3:14am** [Comment ID: 260] - [Link](#)

Type: *Suggestion*

Agree: 3, Disagree: 0

EV charging in apartment/condo lots.

#037

Posted by **Marion Kee** on **07/15/2020** at **5:13pm** [Comment ID: 181] - [Link](#)

Agree: 0, Disagree: 0

I'm hearing-impaired and have other moderate conditions that raise my risk of injury if I get around by bike. I'm also a serious walker, since it keeps me in shape and gives me access to some shopping. Mixed-use paths are dangerous for me, because of the bike traffic. It's much safer to provide sidewalks plus bike paths (as done on Red-Wood Road.)

#038

Posted by **Marion Kee** on **07/15/2020** at **5:26pm** [Comment ID: 183] - [Link](#)

Agree: 3, Disagree: 0

I live in a transit desert (cross street: W Lk Samm Pkwy and NE 51st St.) Having a bus that would connect W Lk Samm Pkwy/west side of Marymoor Park with light rail would solve most of my first-mile access problem.

#039

Posted by **LEVI CASTO** on **07/31/2020** at **11:32pm** [Comment ID: 350] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

I'm not sure that I agree all parking should be paid, at least for the purpose of equity and serving all people regardless of economic status (the same way public transportation should be free as well). Perhaps another solution would be to restrict the number of new public parking spaces that can be included per development. Naturally, we should be incentivizing a departure from cars as a method of transport, but those of us that don't have much of a choice for whatever reason should still have access to parking without being deterred by fees.

#040

Posted by **LEVI CASTO** on **08/01/2020** at **12:21am** [Comment ID: 353] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

As a lifetime resident of Redmond, about to graduate college into a recession, I'd like to stay in my hometown, but fear that I'll be totally priced out due to Redmond's failure to serve the lowest income members of its community. The lack of affordable housing options in Redmond has been a complaint of mine since before 2016, when I was 17 years old. At that time, only 400 affordable housing units had been developed within Redmond since 1995, which was not (and still is not) nearly enough to accommodate the thousands that may wish to live in Redmond but cannot afford to. I'm glad to know that 10% of units within new residential developments must be affordable according to the city's eligibility requirements, but I'm still not convinced that this is enough to serve the low-income would-be-residents of Redmond that don't have much of a say in these situations. If we want the thousands that commute to Redmond for work to reduce their mileage, we should make it possible for them to live closer to their workplace.

#041

Posted by **David Morton** on **07/12/2020** at **4:51pm** [Comment ID: 75] - [Link](#)

Type: Suggestion

Agree: 6, Disagree: 0

Reduce free on-street parking, and raise parking rates.

#042

Posted by **David Morton** on **07/12/2020** at **5:01pm** [Comment ID: 76] - [Link](#)

Type: Suggestion

Agree: 4, Disagree: 0

Redmond must work with other local governments and the Puget Sound Regional Council (PSRC) on a Regional Transportation Plan (RTP) to:

- (a) Establish carbon emission reduction targets for transportation and land use.
- (b) Agree on methods used to estimate carbon emissions.
- (c) Work with King County staff to refine the regional travel demand model for motorized and non-motorized transportation.

(d) Research and develop possible first/last mile transportation alternatives.
(e) Ensure that emission reduction is a priority for PSRC funding.
<https://www.psrc.org/our-work/rtp>

#043

Posted by **Marion Kee** on **07/15/2020** at **5:19pm** [Comment ID: 182] - [Link](#)

Agree: 4, Disagree: 0

Increasing density without adding more parks and other green spaces reduces livability. People need to be able to walk to parks. The pandemic is showing everyone how vital it is to have access to outdoor space that is not itself overcrowded. The City needs to keep looking for ways to put more parks where there are more people.

#044

Posted by **Tom Markl** on **07/04/2020** at **4:51pm** [Comment ID: 22] - [Link](#)

Agree: 2, Disagree: -1

The dispersed nature of the traditional single family neighborhoods in Redmond make "last mile" difficult and expensive to serve light rail. If you don't provide downtown parking for light rail, people will continue to drive to their destinations.

#045

Posted by **David Morton** on **07/30/2020** at **6:28pm** [Comment ID: 345] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

Reduce Vehicle Miles Traveled --

a) Encourage business owners to offer Commute Trip Reduction (CTR) programs or similar incentives to their employees for using transit or rideshare options.

b) Promote alternatives to driving such as transit, car pooling, bikes, online meetings, telecommuting, carpooling, walking, etc.

c) Encourage public use of real-time apps for transit, shared ride, and other transportation modes.

<https://www.chooseyourwaybellevue.org/>

<https://www.codepublishing.com/WA/Issaquah/html/Issaquah10/Issaquah1046.html#1046.020>

#046

Posted by **Tom Markl** on **07/04/2020** at **4:37pm** [Comment ID: 18] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: -1

Apartment dwellers should be required to use the parking in their buildings (which costs money) rather than free street parking

#047

Posted by **Shelly Bowman** on **07/13/2020** at **12:36pm** [Comment ID: 112] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: -1

Need more aggressive goal of 100% safe connected routes with wayfinding on routes and maps online showing where you are and what bike, walk, roll routes are nearby.

All ages and abilities should be able to participate just like other successful bike/walk priority cities. Cars should not be prioritized anymore. Public transportation and non motorized priorities. Op

#048

Posted by **David Morton** on **07/11/2020** at **7:29pm** [Comment ID: 73] - [Link](#)

Type: Suggestion

Agree: 6, Disagree: 0

Transportation Demand Management (TDM) is possibly the most important action listed in "Transportation and Land Use."

Redmond must (continue to) implement a comprehensive Transportation Demand Management (TDM) program.

a) Integrate TDM standards into the city Comprehensive Plan.

b) Implement a TDM program for schools to reduce auto congestion.

<http://mrsc.org/Home/Explore-Topics/Transportation/Congestion-and-Mobility/Transportation-Demand-Management.aspx>

<https://kingcounty.gov/depts/transportation/metro/employer-programs/commute-trip-reduction.aspx>

<https://www.wsdot.wa.gov/transit/ctr/rules-policy>

<https://www.goredmond.com/regulations>

#049

Posted by **Amy Webber** on **07/14/2020** at **7:21pm** [Comment ID: 164] - [Link](#)

Agree: 0, Disagree: -1

To achieve a more walkable community you need to have jobs in close proximity. Not just retail and restaurant jobs. Office jobs. In order to have office jobs, you have to change zoning to allow office in areas like downtown.

#050

Posted by **David Morton** on **07/12/2020** at **6:12pm** [Comment ID: 83] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: 0

Redmond should have a Smart Building Readiness program -- Modify the local commercial building code to "future proof" buildings through Smart Building readiness. Consider promoting, if not requiring, the following:

- (a) installation of "smart" systems controls with variable and remote programming features, including utility demand control receptors;
- (b) solar PV readiness;
- (c) EV charging readiness;
- (d) water efficiency readiness, including grey water reuse, rainwater collection, etc.

#051

Posted by **Gina Clark** on **07/16/2020** at **5:37pm** [Comment ID: 197] - [Link](#)

Agree: 1, Disagree: 0

MBAKS fully supports.

#052

Posted by **Denis Martynowych** on **07/31/2020** at **2:50pm** [Comment ID: 348] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

Although biking is mentioned (Bike Storage and Requirements and New Mobility Options), I don't see much emphasis on separated bike ways, bike networks, and other bike focused infrastructure that improves safety which is the largest barrier to increased bike use.

Reply by **LEVI CASTO** on **07/31/2020** at **11:46pm** [Comment ID: 352] - [Link](#)

Agree: 0, Disagree: 0

Absolutely agree- for being the Bicycle Capital of the Northwest, Redmond sure could use improvement in its bike infrastructure. Extensive bike-friendly trails that are separated from traffic are essential to this.

#053

Posted by **Gina Clark** on **07/16/2020** at **5:36pm** [Comment ID: 196] - [Link](#)

Agree: 0, Disagree: 0

Would the bike storage count towards square footage?

Reply by **RedmondAdmin** on **07/21/2020** at **6:40pm** [Comment ID: 301] - [Link](#)

Type: Answer

Agree: 0, Disagree: 0

Great question, thanks Gina. At this point in the process we don't have those details scoped out. Once we move to implementation, actions like this will go through a stakeholder process where details like square footage will be fleshed out.

#054

Posted by **Gina Clark** on **07/16/2020** at **5:48pm** [Comment ID: 198] - [Link](#)

Agree: 0, Disagree: 0

MBAKS supports revisiting parking requirements. It adds to the cost of housing and can delay projects.

#055

Posted by **Tom Hinman** on **07/14/2020** at **3:41pm** [Comment ID: 142] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: 0

There are major challenges in engendering the culture change needed for the community to shift out of reliance on the auto. Collective impact of numerous personal choices could move the needle if there were options...like maybe a Mobility Hub on Ed Hill to feed light rail. This education and incentive item should be first on the listing, not the last.

#056

Posted by **Gina Clark** on **07/16/2020** at **5:26pm** [Comment ID: 192] - [Link](#)

Type: Suggestion

Agree: 2, Disagree: 0

Often transit, as we know, is seen as a service for low-income residents only. Studies show investing in service that is cost-effective, on time, frequent (within 15 minutes), and within 1/4 mile of targeted, high traveled locations, will increase ridership across the board. This requires, however, a level of community engagement, transit mode choices, marketing and outreach.

#057

Posted by **Gina Clark** on **07/16/2020** at **5:29pm** [Comment ID: 194] - [Link](#)

Agree: 4, Disagree: 0

Excellent! MBAKS strongly supports this recommendation and will partner with the city to help make this happen.

#058

Posted by **David Morton** on **07/12/2020** at **5:53pm** [Comment ID: 81] - [Link](#)

Type: Suggestion

Agree: 4, Disagree: 0

Redmond must have transit accessibility — Improve transit efficiency, reliability and service by working with Sound Transit & King County Metro. Include frequent service to the city's employment centers, and prioritize benefits to transit-dependent residents. Link transportation funding and land-use planning to encourage transit-oriented development.

#059

Posted by **Gina Clark** on **07/16/2020** at **5:27pm** [Comment ID: 193] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: 0

See previous comment about working with the business community to retain and improve flexible work schedules and telecommuting options post-COVID.

#060

Posted by **Gina Clark** on **07/16/2020** at **5:30pm** [Comment ID: 195] - [Link](#)

Agree: 0, Disagree: 0

Important to help renters in affordable situations and incentive reducing reliability on cars. However, be mindful of the cost-consequences on affordable housing in particular or overall rents.

#061

Posted by **David Morton** on **07/12/2020** at **5:16pm** [Comment ID: 77] - [Link](#)

Type: Suggestion

Agree: 6, Disagree: 0

Redmond must have compact & livable neighborhoods -- Use City land use regulations to:

- a) Develop neighborhoods with multi-modal streets and transportation networks having walkable and bikeable access to services, nature, transit and civic destinations;
- b) Concentrate growth in walkable urban villages and plan for transit-oriented development;
- c) Allow single family upgrades to duplex, triplex, and fourplex configurations when defined standards for energy efficiency, sustainability and affordability are achieved, <https://www.zillow.com/research/modest-densification-new-homes-25881/>
- d) Allow increases in density and FAR (floor area ratio) for commercial and multi-family projects when defined standards are achieved for open space, energy usage, sustainability and affordability;
- e) Increase mixture of uses allowed within zones by revising existing codes or implementing a "Form Based Code" which emphasizes form rather than usage, https://en.wikipedia.org/wiki/Form-based_code;
- f) Allow for off-site shared parking between compatible uses such as office and residential;
- g) Protect green spaces, parks and wetlands (for sequestration value).

#062

Posted by **David Morton** on **07/12/2020** at **6:24pm** [Comment ID: 85] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: 0

City of Redmond should reduce the commuting impact of City employees as well -- Implement a program to increase transit, ride-sharing, van-pools and alternatives to single vehicle commuting. Consider free transit passes for city employees and free EV charging stations for carpool/vanpool parking.

#063

Posted by **Steve Thompson** on **07/16/2020** at **1:08pm** [Comment ID: 184] - [Link](#)

Type: Suggestion

Agree: 2, Disagree: 0

Increase the number of satellite park and ride locations with frequent bus transportation to the light rail stations. The current plan to have a large P&R at Marymore Village will grid lock existing streets.

#064

Posted by **Gina Clark** on **07/16/2020** at **6:01pm** [Comment ID: 199] - [Link](#)

Agree: 0, Disagree: 0

MBAKS supports a more varied "spine" network to include a variety of transportation choices.

#065

Posted by **David Morton** on **07/12/2020** at **5:40pm** [Comment ID: 79] - [Link](#)

Type: *Suggestion*

Agree: 5, Disagree: 0

Redmond must plan for multimodal transportation -- Implement a transportation system for transit, bicycle and pedestrian services to facilitate alternatives to single occupancy vehicles.

a) Adopt "multimodal level of service" (MMLOS) for evaluation and analysis of current and future street operations. (<http://mrsc.org/Home/Explore-Topics/Transportation/Integrating-Transportation-Modes/Complete-Streets-Ordinances.aspx> and <http://old.smartgrowthamerica.org/complete-streets/a-to-z>).

b) Adopt "Vision Zero" street design standards for new and retrofit street construction that is safer for biking, walking and alternative transportation modes. (<https://www.visionzerostreets.org>).

c) Where possible, make streets "greenways". (<https://www.seattle.gov/transportation/projects-and-programs/programs/greenways-program>)

#066

Posted by **David Morton** on **07/12/2020** at **6:17pm** [Comment ID: 84] - [Link](#)

Type: *Suggestion*

Agree: 3, Disagree: 0

Redmond needs more EV charging.

a) Increase the number of charging stations in publicly accessible areas including transit hubs. Integrate charging infrastructure into street lights as done in Europe and LA.

(<https://electrek.co/2019/11/13/la-adds-hundreds-of-ev-chargers-to-streetlights-giving-r enters-a-place-to-plug-in/>).

b) Increase the number of fast chargers.

c) Work with employers, developers, transit providers, building owners and parking managers to install charging stations at residences, park & rides, and places of work.

d) Address barriers to charging from garage-free homes, multifamily dwellings and transit facilities. Look for ways to incentivize the process.

e) Consider the recommendations of the Rocky Mountain Institute - https://www.prweb.com/releases/rocky_mountain_institute_completes_comprehensive_transportation_electrification_strategy_with_seattle_city_light_a_first_for_a_municipal_utility/prweb16546682.htm.

Action	Description	Timeline
Strategy T2: Shift to more efficient and lower-carbon vehicle fuels such as electric.		
EV demand eval & parking requirements	Review EV infrastructure strategy and predictions for EV adoption with input from PSE and other regional stakeholders, including evaluation of EV parking supply/demand and ways to make charging more accessible.	
Freight VMT/idling	Identify and implement opportunities for reducing freight VMT and idling, especially those from delivery trucks.	
Advanced clean car standards	Continue to support the State to retain and improve upon its 2018 decisions to adopt California's Advanced Clean Car Standards.	
Electrical code for EVs	Update electrical code to ensure adequate electrical capacity is available to serve one electric vehicle charging station per parking space.	
Strategy T3: Reduce energy consumption and emissions associated with City fleet use, contracting, and commuting.		
Municipal fleet conversion	Continue implementing a Green Fleet Purchasing Policy.	
Emission standards for contractors	Develop and incorporate contractor fuel emission reduction standards into City bids and contracts.	

067



#067

Posted by **David Morton** on **07/30/2020** at **4:30pm** [Comment ID: 335] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

Fleet Fuel Efficiency — Develop a plan and aggressive timeline for transitioning the City's vehicle fleet off fossil fuels.



Help Us Implement the Plan

Reaching Redmond’s sustainability goals will require action from every individual in our community. Collective action can have a significant impact on lowering the community carbon footprint. The following actions are important steps to reducing emissions.

070



Take public transportation and carpool

Utilizing public transit, even once a week, can help lower your GHG footprint and reduce traffic congestion.

Related action(s):

- Implement Growth and Transportation Efficiency Center program
- Commuter mobility partnership
- Pilots for trip reduction
- Improve student alternative transport

Active transportation

Walking, biking, or other types of active transportation can reduce emissions, improve local air quality, and improve health and wellbeing.

Related action(s):

- Increase new mobility options
- Increase “Spine Network” goal 2030
- Bike storage incentives and requirements
- Create more walkable communities
- Active mobility infrastructure investments

Purchase an electric vehicle

If able, purchasing an electric vehicle can significantly reduce GHG emissions—especially as electricity sources become increasingly renewable.

Related action(s):

- EV charging business partnerships
- EV demand eval & parking requirements
- Electrical code for EVs
- Municipal fleet conversion



#068

Posted by **Tom Hinman** on **07/14/2020** at **3:48pm** [Comment ID: 143] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

The focus on EVs and their infrastructure is notable, but an assessment of the actual GHG reduction expected under this strategy would be a useful addition to public knowledge.

#069

Posted by **Marion Kee** on **07/19/2020** at **6:47pm** [Comment ID: 276] - [Link](#)

Agree: 0, Disagree: 0

We are committed to replacing our short-trip car, a 2002 Prius, with a (used) electric vehicle. We plan to bite the bullet and upgrade our home electrical capacity to add a real charging station at home. For many years now we've paid PSE for 100% green power and will continue to do so after we've replaced our gasoline hybrid. Will the city be tracking the power generation sources for the EV charging stations that will be added in this plan? Will the city commit to green power?

Reply by **RedmondAdmin** on **07/21/2020** at **7:08pm** [Comment ID: 302] - [Link](#)

Type: Answer

Agree: 0, Disagree: 0

Hi Marion, thanks for your commitment to sustainability. As the only energy utility serving the Redmond community, we work with PSE for aggregate community-wide electricity and natural gas consumption data. At this point in time we're unable to capture green power generation for specific accounts due to privacy concerns. This currently limits our ability to capture the information you note, but we're continuing to refine data collection and analysis efforts as requirements permit.

To your second question, the City is a PSE Green Direct customer and 100% of our energy will be from renewable sources starting in 2021. We're looking forward to January!

#070

Posted by **Shelly Bowman** on **07/13/2020** at **12:27pm** [Comment ID: 111] - [Link](#)

Type: Suggestion

Agree: 2, Disagree: -1

Free wifi throughout the city to ensure all have access to bus, bike, walk, EV stations(including ebike, scooter, eboard, cell phone charging stations) locations, times, etc.

#071

Posted by **Marion Kee** on **07/19/2020** at **6:51pm** [Comment ID: 277] - [Link](#)

Agree: 1, Disagree: 0

Would appreciate some dedicated sidewalks and other spaces for pedestrians so there is less need to dodge scooters and bikes. It's stressful and dangerous to have wheeled vehicles mixed in with pedestrians yet moving so much faster than pedestrians do.

#072

Posted by **Shelly Bowman** on **07/13/2020** at **12:22pm** [Comment ID: 110] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

walkable "AND bikeable, rollable"

#073

Posted by **Anne Phillips** on **07/01/2020** at **1:15pm** [Comment ID: 11] - [Link](#)

Type: Suggestion

Agree: 2, Disagree: 0

I like the "Help Us" sections.

Materials Management & Waste

Goal: Move towards more sustainable consumption and zero waste of resources.

001

Solid waste contributes approximately 2% of Redmond’s community GHG emissions. Although it only contributes 2%, materials management and waste are important considerations to reach sustainability goals by managing and reducing solid waste, increasing waste diversion, and encouraging recycling and composting activities. This section includes actions that support more sustainable consumption and waste management.



Progress To-Date Highlights

<ul style="list-style-type: none"> The City participates in the E-Cycle (electronic waste) Washington recycling program. All Redmond residential accounts have both recycling and yard waste/composting included with their garbage service at no additional charge. Over 200 businesses and apartments/condo complexes participate in the City of Redmond’s commercial organics composting program. The City offers up to three 64-gallon food recycling carts at no charge. In 2019, staff connected with 1,000 residents to help keep food from going to waste, including a public art “strawberry” made up of post-it pledges. Cooking oil recycling is 002 available to City residents at the Senior Center parking lot. 	<p>Community diversion rate (% of waste recycled or composted). Community diversion rate increased from 40% to 45% from 2011 to 2017.</p>	
	<p>Solid waste GHG emissions (MTCO_{2e}). Solid waste GHG emissions declined 5% between 2011-2017.</p>	
	<p>Organic waste diversion. Organics waste diversion increased 50% from 2011 to 2018.</p>	



#001

Posted by **David Morton** on **07/13/2020** at **4:40pm** [Comment ID: 123] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

Redmond must have a program to reduce emissions of HFCs.

HFC Emissions Reduction Program -- Work with other cities and the county to track and control life-cycle emissions of refrigeration equipment, (such as air conditioners, refrigerators and heat pumps).

a) Establish reclamation and disposal programs to ensure capture and removal of hydrofluorocarbons (HFCs) from retired refrigeration equipment, consistent with EPA regulations.

b) Ban the use of non-refillable cylinders for recovery, transport, distribution, and sale of high-GWP (global warming potential) HFCs, such as those used for automobile refrigerant refilling.

c) Require the reporting of any leakage or repair of HFC refrigerant systems (commercial, industrial and residential) and repair of refrigerant systems.

d) Require improved refrigerant management practices for leak detection, repair and disposal.

e) Require the use of EPA certified technicians for handling and recovery of HFC refrigerants.

f) Require owners and operators of large commercial and industrial refrigeration and air conditioning equipment to report information on amounts and types of refrigerant used, servicing, and maintenance into a central database.

g) Establish fines for individuals releasing HFCs into the air and for under-reporting.

<https://climatecrisispolicy.org/topics/6/>

#002

Posted by **Nirali Shah** on **07/05/2020** at **5:58pm** [Comment ID: 42] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

Can we add more locations for oil recycling within Redmond...esp in areas that aren't as close to downtown.

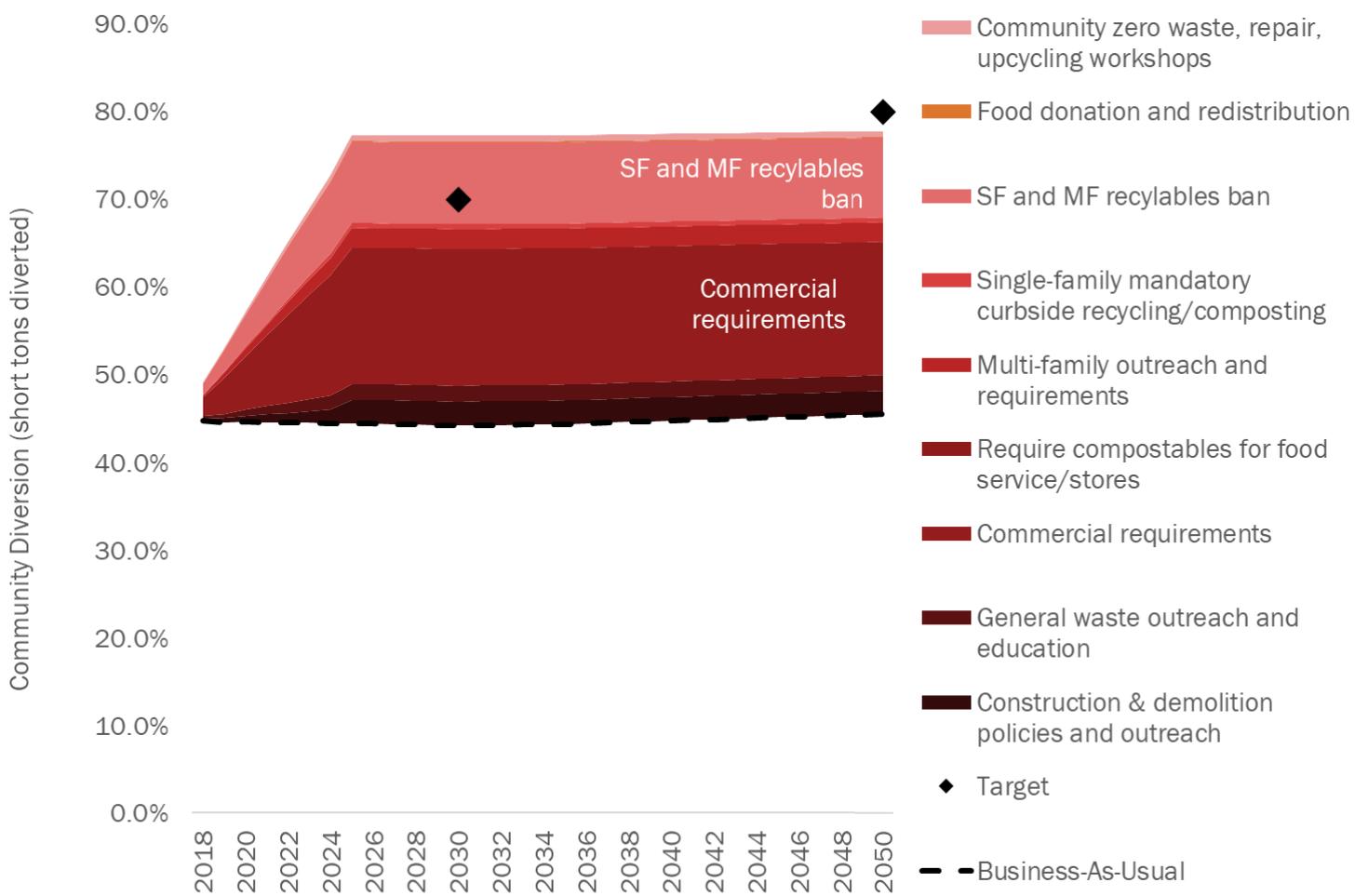
Sustainability Targets, Strategies, and Actions

Targets

Target Indicator	Target Value
Increase community waste diversion (% diversion) 003	70% waste diversion rate by 2030 80% waste diversion rate by 2050 (zero waste of resources)
Reduce solid waste GHG emissions (MTCO ₂ e)	50% reduction by 2030 42% reduction by 2050

How Will We Get There?

We estimate that implementing these strategies, in conjunction with external actions, could lead to a 77% diversion rate of community waste by 2030—exceeding the goal of 70% diversion by 2030. Key strategies for meeting this target include introducing recycling requirements for commercial properties and banning recyclables from the garbage for single family (SF) and multi-family (MF) properties.



#003

Posted by **Karen Dawson** on **07/17/2020** at **6:34pm** [Comment ID: 230] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: 0

Regarding waste diversion, it is important that the city consider and address contamination at the curbside. When the recycling or compost cart are contaminated with things that cannot be recycled or composted respectively, those materials are not truly diverted and still wind up in the landfill. But when that garbage is placed in the wrong container (either the recycling container or organics cart), a great deal of labor and direct cost is spent by processors to remove those materials, sort them, and pay for their disposal.

Proposed Strategies and Actions

The list below presents proposed **strategies and actions** for inclusion in the Redmond Environmental Sustainability Action Plan.

 = Ongoing/Expanded
  = Near-term
  = Mid-term
  = Long-term
 = Foundational Action

Action	Description	Investment
011 Strategy M1: Increase diversion of community waste while reducing cross-contamination within waste streams (garbage, organics, recyclables).		
Regional composting	Work with K4C to develop a composting master plan to expand community and regional composting infrastructure.	 
Multi-family outreach  	Provide recycling and composting education and outreach targeted at multifamily  property managers and tenants.	
New construction waste stream efficiency and opportunity 	Work with multifamily developers, owners and residents, as well as commercial buildings, to develop requirements for new construction  to provide  sufficient space and safety for recycling and food waste collection, along with garbage.	 
Food donation	Support a food donation program for grocery stores to send surplus food.	
Incentive based models	Conduct comparative research to understand where other cities have had success with incentive-based models such as disposal fee.	
Require compostables city wide	Require compostable and paper  disposables in restaurants and stores.	 
Recyclables market 	Partner regionally to bolster the market for recycled materials, to accommodate increased flows from implementation of diversion actions. Include options for addressing non-recyclable plastics.	
End-use markets 	Support state and local development of end-use markets for recycled  products and compost through city county purchasing policies.	
City recycle reuse	Explore ways the City can recycle and reuse during its normal maintenance.	
Mandatory curbside collection for residences  	Explore the introduction of mandatory curbside collection of recyclables and organics for all single and multi-family residences. Develop a right-sized program for Redmond.	
Solid waste disposal	Encourage and assist exploration for sustainable solid waste disposal options to prepare for post-2040, in addition to expanding Cedar Hills.	
Strategy M2: Reduce community waste generation (reuse, repurpose, upcycle).		
City food waste recycling	Continue food waste recycling at City Hall, the Maintenance and Operations Center, Public Safety Building, Senior Center, Teen Center, and all city fire stations. 	



#004

Posted by **Stephanie Lecovin** on **07/20/2020** at **7:58am** [Comment ID: 290] - [Link](#)

Type: Question

Agree: 0, Disagree: 0

Does Redmond already ban plastic bags and straws? Couldn't this be a near-term action?

Reply by **RedmondAdmin** on **07/24/2020** at **12:54am** [Comment ID: 312] - [Link](#)

Type: Answer

Agree: 0, Disagree: 0

Hi Stephanie, great question. Redmond does not ban plastic bags or straws, but the state recently passed such legislation. Implementation of the ban was delayed due to COVID-19, so more work is still ahead in this space.

#005

Posted by **Marilyn Subala** on **07/10/2020** at **6:41pm** [Comment ID: 71] - [Link](#)

Agree: 5, Disagree: 0

Education can go a long way in motivating residents to put their recyclable and compostable waste, and trash into the proper receptacles, as long as they are provided in a safe and sanitary area.

#006

Posted by **Tom Markl** on **07/04/2020** at **5:13pm** [Comment ID: 27] - [Link](#)

Agree: 1, Disagree: -1

The largest opportunity is probably single family homes, since that is where the largest part of the population in Redmond lives. You need to add a single family "action" to address.

#007

Posted by **Shelly Bowman** on **07/13/2020** at **1:18pm** [Comment ID: 116] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

Go further and state that Styrofoam and unnecessary use of foil and plastic wrap may not be used to make clearer statements.

#008

Posted by **Tom Markl** on **07/04/2020** at **5:00pm** [Comment ID: 23] - [Link](#)

Agree: 0, Disagree: -2

The issue will not be space for the collection bin, but how do you get it from the apartment to the collection bin. Can't be a chute due to need for continual cleaning to avoid smells and health issues. This will require a daily apartment-by-apartment manual collection process - very expensive. Individual apartment compliance will be a problem.

Reply by **David Morton** on **07/13/2020** at **5:08pm** [Comment ID: 125] - [Link](#)

Type: Suggestion

Agree: 5, Disagree: 0

Multifamily residents seem to be able to take garbage containers to an outside collection bin. They should also be able to take food waste containers to an outside collection bin.

#009

Posted by **Tom Markl** on **07/04/2020** at **5:04pm** [Comment ID: 24] - [Link](#)

Type: Suggestion

Agree: 2, Disagree: 0

Also need to develop new manufacturing technologies to use recyclables. Most

production today is designed to use fresh raw materials.

#010

Posted by **Gina Clark** on **07/16/2020** at **6:57pm** [Comment ID: 222] - [Link](#)

Type: Suggestion
Agree: 4, Disagree: 0

Foodlife Line has a tremendous and well-established food rescue program. Encourage collaborations with non-profits like Food Lifeline who have a tested and true program to help make this a reality.

#011

Posted by **David Morton** on **07/13/2020** at **4:47pm** [Comment ID: 124] - [Link](#)

Type: Suggestion

Agree: 2, Disagree: 0

Strategy M1 intends to reduce landfill waste. All of us must reduce landfill waste:

- a) Develop and implement a comprehensive waste management system.
 - b) Educate the public about smart consumption.
 - c) Require waste sorting at source, including composting.
-
- d) Develop a plan to eliminate the need for landfills (as in Germany, Denmark etc.).
 - e) Impose large fees on garbage collection by volume to discourage landfill use.
 - f) Develop a plan for special handling of, or ban the use of, certain products (e.g. plastics).
 - g) Ban food waste from landfills and encourage the creation of a comprehensive composting system.

#012

Posted by **David Morton** on **07/13/2020** at **6:42pm** [Comment ID: 134] - [Link](#)

Type: Suggestion

Agree: 5, Disagree: 0

Composting and Recycling Education -- Promote recycling and composting through communications and engagement strategies. Ensure that large families, residents with limited English proficiency, renters and landlords have equitable access to information and services.
<https://www.kingcounty.gov/depts/dnrp/solid-waste/garbage-recycling/compost-more.aspx>

#013

Posted by **Redmond Resident** on **07/25/2020** at **3:31am** [Comment ID: 320] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

Instead of the quarterly Recycling Event, establish a permanent and year-round location for residents to drop off materials (e.g. plastics) that are not acceptable curbside. Example: Recology store in Bothell.

#014

Posted by **Karen Dawson** on **07/17/2020** at **6:36pm** [Comment ID: 231] - [Link](#)

Type: Suggestion

Agree: 2, Disagree: 0

If the curbside collection of organics becomes mandatory for residents, some mechanism for addressing contamination at the curbside needs to be in place by the city via the haulers such as a cart tagging program. When participation is mandatory, people sometimes are not invested in the program or its outcome and could be more likely to contaminate their bins with items that are not compostable, especially when the service is being offered for "free".

I would refer the city to the City of Kirkland's cart tagging program which Waste Management, Kirkland's current hauler, and the city collaborate on.

Resources: Washington Organics Council Contamination Workgroup Report:
https://static1.squarespace.com/static/585c2db75016e175c9d685b7/t/59932c0be4fcb58c9335fec5/1502817295485/Washington+State+Organics+Contamination+Reduction+Workgroup_FINAL.pdf

#015

Posted by **David Morton** on **07/13/2020** at **6:37pm** [Comment ID: 133] - [Link](#)

Type: Suggestion

Agree: 4, Disagree: 0

- 1) Educate the public about smart consumption.
- 2) Require waste sorting at the source (the home), including compostables.
- 3) Educate the public to:
 - a) Be mindful of the full lifecycle environmental consequences of our purchases, both upstream, downstream, and end of life.
 - b) Buy smart (e.g., plan before purchasing, buy local, buy dry goods in bulk instead of packages, give gifts of experience, purchase durable goods).
 - c) Reuse.
 - d) Borrow, share and rent items.
 - e) Fix and maintain (e.g., King County sponsored repair events, see link below)
 - f) Recycle and compost.

#016

Posted by **David Morton** on **07/14/2020** at **6:23pm** [Comment ID: 149] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: 0

Food waste must be composted, not sent to landfill or sewage treatment. Redmond must expand participation in local composting programs:

- a) Encourage area residents to include food waste in yard waste bins.
- b) Require businesses and multifamily buildings to separately collect food waste and other compostables.
- c) Require sanitary conditions for food scrap collection for businesses and multifamily buildings.
- d) Require waste collection companies to separately collect food waste and compostables.
- e) Ensure that marginalized communities are not disproportionately burdened by localized impacts such as odor or frequent truck trips.
- f) Encourage people to compost food waste rather than put it down an in-sink disposal.

#017

Posted by **Karen Dawson** on **07/17/2020** at **6:33pm** [Comment ID: 229] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

This will position the city well with the 2020 passing of HB 2713 regarding compost and use and position the city to utilize the new (2020) King County Universal Compost contract which allows cities to secure favorable bulk pricing for soil needs and offers free technical training for city staff.

HB 2713, regarding compost procurement and use, stipulates that municipalities must consider whether compost products can be used in government-funded projects when planning or soliciting and reviewing bids.

If compost products can be utilized in the project, the state agency or local government must do so, subject to a few exceptions. The law suggests purchasing an amount of finished compost product that is equal to or greater than 50 percent of the amount of organic residuals it delivered to the compost processor.
https://www.biocycle.net/washington-states-compost-procurement-law/?utm_source=Biocycle+CONNECT&utm_campaign=532c5cfd34-EMAIL_CAMPAIGN_2020_03_20_08_35_COPY_01&utm_medium=email&utm_term=0_8396f01c15-532c5cfd34-513814179

Both actions make it easier for the City of Redmond to support its own and the broader region's organics recycling and waste diversion goals by increasing its use of locally manufactured compost, created from its own municipal organics collection programs for

residents and businesses.

The City of Redmond has a robust organics recycling program and this is a great opportunity to bring those materials back to the city to ensure a sustainable program.

#018

Posted by **Karen Dawson** on **07/17/2020** at **6:58pm** [Comment ID: 238] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

Regarding the true cost of garbage, recycling and composting for City of Redmond businesses and residents:

By embedding the costs of recycling and composting into garbage rates, the City of Redmond, Redmond businesses and Redmond residents do not know the true cost of those three distinctly unique services. There are consequences of embedding the recycling and composting rates into the garbage rates that may not be immediately obvious to the city or its businesses and residents. They include:

1) Bundling rates, instead of showing the true cost of service, provides a huge barrier to entry for local, privately-held companies to bid against the large, national, publicly-traded hauling companies. It forces the proposer to estimate what the participation rates will be in order to propose costs, presenting the bidder with tremendous financial risk. The incumbent hauler holds a tremendous advantage with regard to knowing the current diversion rates, information not privy to a new bidder. This allows large, national, publicly traded firms to monopolize local contracts.

2) With embedded rates, contamination increases. As seen in a recent study published by Cascadia Consulting for the City of Issaquah, one of the most frequent contaminants in the organics stream is “bags of garbage” – people simply throwing additional garbage bags that don’t fit into their garbage bin into the organics/compost cart. The “free” recycling and organics carts provided to residents and businesses in Redmond disincentivize parties from rightsizing their garbage container to match their garbage volume and effectively incentivizes them to use their “free” recycle and organics carts for leftover garbage. By showing the city, businesses and residents the true cost of each service, they can subscribe at the proper level for each service and ensure they keep each waste stream properly separated, avoiding contamination.

3) This issue can be addressed by the city by, in any future RFP for waste services, requiring that the true cost of service be provided to the city, businesses and residents for each waste stream.

Action	Description	Investment
Waste reduction outreach 035	Build and implement community outreach and education plans around proper waste reduction, recycling, composting. 023	»»»
Stewardship policies	Support and advocate for strong product stewardship policies at the state and national levels, minimizing environmental impacts of product and packaging throughout all lifecycle stages, especially manufacturing.	»»»
Increase use of electronic documents 029	Enhance systems for electronic documentation and file-sharing. 028	»»»
Green purchasing/procurement	Develop and enforce green City purchasing procedures and policies, including for green cleaning materials.	»»»
Community zero waste, repair, upcycling workshops	Host zero waste, repair/reuse, or upcycling community workshops.	»»»
Styrofoam policy and engagement	Engage businesses that use styrofoam in Redmond. Explore styrofoam reduction through policy mandates and implement, as appropriate.	021 019
Zero waste assistance 031	Provide zero waste building planning assistance.	»»»
Strategy M3: Reduce waste and environmental impact from City purchasing and operations.		
Reduce City landfill waste	Provide composting and recycling at all City buildings and for all municipal operations, including specialized items.	022 »»»
Increase use of electronic documents	Enhance systems for electronic documentation and file-sharing.	»»»
Fleet hazardous waste	Set a policy/goal for hazardous waste generated by the city's Purchasing and Fleet divisions (separate) to be zero or near zero.	»»»
Strategy M4: Address construction and demolition (C&D) waste.		
Contractor outreach	Conduct contractor outreach and job site technical assistance to encourage reduction, reuse, and recycling of C&D waste.	»»» 020
C&D diversion requirements 033 030	Develop comprehensive policies around C&D recycling and recovery. Prohibit disposal of recoverable C&D materials. 025	»»»
Strategy M5: Reduce GHG emissions impacts associated with local consumption.		
C&D recycling service 034 032	Require recycling service for C&D materials at all job sites.	»»»
Recyclables ban	Prohibit disposal of targeted recoverable traditional recyclable materials and organics at single- and multi-family garbage. 026 024	»»»
Commercial recycling requirements	Require commercial property owners/managers to provide recycling and organics collection containers and service that are as convenient as garbage containers and adequate to serve the number of tenants. 027	»»»

#019

Posted by **Karin Duval** on **07/13/2020** at **11:01am** [Comment ID: 102] - [Link](#)

Agree: 0, Disagree: 0

thank you

#020

Posted by **Karin Duval** on **07/13/2020** at **11:08am** [Comment ID: 104] - [Link](#)

Agree: 1, Disagree: 0

This is not a community that likes being told what to do. My suggestion would be to work with them to have them decide how best to do this.

#021

Posted by **Stephanie Lecovin** on **07/20/2020** at **7:55am** [Comment ID: 289] - [Link](#)

Type: Question

Agree: 0, Disagree: 0

Is there a reason why styrofoam in businesses (such as with take-out containers in restaurants) couldn't be banned in the near-term?

Reply by **RedmondAdmin** on **07/24/2020** at **1:06am** [Comment ID: 314] - [Link](#)

Type: Answer

Agree: 0, Disagree: 0

Hi Stephanie, thanks for the question. The implementation timeframe for actions within the Plan are prioritized based on a number of factors including staff capacity, impact, and coordination/phasing with other actions. We certainly welcome additional feedback that should be considered with the implementation timing of the action.

#022

Posted by **Karin Duval** on **07/13/2020** at **11:07am** [Comment ID: 103] - [Link](#)

Agree: 4, Disagree: 0

For some reason, too many people do not know how to compost vs recycle. I know it is complicated - even Whole Foods discontinued composting because people just didn't seem to know how to do it. When you need to decide "Is this spoon trash, recyclable or compost?" it is too much. Everything that can be made compostable should be! Single use plastics must be minimized.

#023

Posted by **Devon** on **07/19/2020** at **4:27am** [Comment ID: 268] - [Link](#)

Type: Question

Agree: 1, Disagree: 0

Partnering with the LWSD or PTSA might be helpful to spread the word?

Reply by **RedmondAdmin** on **07/24/2020** at **12:55am** [Comment ID: 313] - [Link](#)

Type: Answer

Agree: 0, Disagree: 0

Great suggestion, thanks Devon.

#024

Posted by **Tom Markl** on **07/04/2020** at **5:11pm** [Comment ID: 26] - [Link](#)

Agree: 0, Disagree: 0

Enforcement will be necessary, difficult and unpopular.

Reply by **David Morton** on **07/13/2020** at **5:31pm** [Comment ID: 127] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: 0

Education may reduce the need for enforcement. Redmond can promote

recycling and composting through communications, engagement, and education strategies. Ensure that large families, residents with limited English proficiency, renters and landlords have equitable access to information and services. <https://www.kingcounty.gov/depts/dnrp/solid-waste/garbage-recycling/compost-more.aspx>

#025

Posted by **Tom Markl** on **07/04/2020** at **5:10pm** [Comment ID: 25] - [Link](#)

Agree: 0, Disagree: 0

To do this, there needs to be an infrastructure system to collect the materials and businesses that can profitably reprocess or remanufacture. This system does not exist today. This system will be complex, take long time to develop, needs to be regional and, hence, requires the state to take the lead.

Reply by **David Morton** on **07/13/2020** at **5:22pm** [Comment ID: 126] - [Link](#)

Type: Suggestion

Agree: 6, Disagree: 0

DTG Recycle at 8504 192nd Ave NE, Redmond, WA 98053, accepts the following C&D waste materials: concrete, asphalt, roofing, wood, brush, stumps, and logs. True, you have to haul it there. It exists today.

#026

Posted by **Karin Duval** on **07/13/2020** at **11:11am** [Comment ID: 105] - [Link](#)

Agree: 1, Disagree: 0

Yes - it will be unpopular in the beginning, but other countries have been fining customers for improper disposal for decades - this is not new. We need to grow up a little bit and accept that we have more than rights - we have responsibilities.

#027

Posted by **Amy Webber** on **07/14/2020** at **7:13pm** [Comment ID: 162] - [Link](#)

Agree: 1, Disagree: 0

Commercial property owner's don't necessarily contract for the disposal service. i.e. restaurants may have their own dumpster and pay for service direct. Make sure that the requirement is put on the actual user.

#028

Posted by **Tom Hinman** on **07/14/2020** at **5:08pm** [Comment ID: 146] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

More, free, shredding options for papers that remain and files being tossed.

#029

Posted by **Shelly Bowman** on **07/13/2020** at **1:27pm** [Comment ID: 117] - [Link](#)

Type: Suggestion

Agree: 4, Disagree: 0

Work with businesses such as Home Depot to change packaging as leaders, have ads come electronically vs in the mail or paper. Have programs for elderly to learn to go paperless with bills. Work with health care to mail you drug or medical instructions vs putting in bag that gets thrown away. Work with Amazon box in a box in a box to make sure they pay into and market sustainability.

#030

Posted by **Gina Clark** on **07/16/2020** at **7:01pm** [Comment ID: 223] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: 0

MBAKS just spent 2 years working with King County to draft an updated C&D ordinance. Please work with the County to adopt the County ordinance. Please don't

add multiple layers of paper work to homebuilding. Another consideration is the state requirement of at least 2 bins on site to separate waste. This is a considerable challenge on smaller homebuilding sites. Most waste can be easily sorted by contractors hired to do this and then take to proper county disposal locations. Finally, ensure homeowners know the requirements...most homebuilders are well versed and choose not to pay fines and fees in this area. Many homeowners conducting projects or taking loads to disposal facilities are not.

#031

Posted by **Nirali Shah** on **07/05/2020** at **6:14pm** [Comment ID: 45] - [Link](#)

Type: Question

Agree: 1, Disagree: -1

Are there any thoughts on providing incentives for businesses and residents that are zero/low waste?

Reply by **RedmondAdmin** on **07/08/2020** at **10:36am** [Comment ID: 58] - [Link](#)

Agree: 1, Disagree: -1

As the City builds out programming it will evaluate the needs and opportunities to support the transition to zero waste. This is a great suggestion to consider.

#032

Posted by **Tom Hinman** on **07/14/2020** at **5:12pm** [Comment ID: 147] - [Link](#)

Type: Suggestion

Agree: 2, Disagree: 0

Might check with County for cooperative regional program that may already exist.

#033

Posted by **David Morton** on **07/13/2020** at **5:39pm** [Comment ID: 129] - [Link](#)

Type: Suggestion

Agree: 4, Disagree: 0

Redmond must have a Construction Debris Landfill Reduction Program --

a) Provide technical assistance and resources to contractors to meet King County's construction and demolition debris requirements, giving priority to salvage and reuse activities.

b) Create and/or support local training programs for deconstruction to increase the amount of materials salvaged for reuse as an alternative to traditional demolition techniques.

c) Require a deconstruction management plan as part of any building demolition permit application to encourage construction waste diversion from landfill.

d) Promote reuse of salvaged materials and recycling through innovative policies.

For example, perhaps in cooperation with other local governments, consider:

(1) creating grading standards for salvaged structural lumber;

(2) providing a public information link to regional salvage materials buyers and sellers;

(3) creating sales tax discounts for resold salvaged materials;

(4) requiring construction debris haulers arriving at landfills to log and regularly report the load source, its materials composition mix, such that if materials in the load could have been salvaged or recycled, additional dump surcharges are added to pay for the load sorting and salvaging there at the landfill.

<https://kingcounty.gov/depts/dnrm/solid-waste/programs/green-building/construction-demolition.aspx>

#034

Posted by **David Morton** on **07/13/2020** at **5:34pm** [Comment ID: 128] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

DTG Recycle at 8504 192nd Ave NE, Redmond, WA 98053, accepts the following C&D waste materials: concrete, asphalt, roofing, wood, brush, stumps, and logs. True, you have to haul it there. It exists today.

#035

Posted by **David Morton** on **07/14/2020** at **6:30pm** [Comment ID: 150] - [Link](#)

Type: Suggestion

Agree: 4, Disagree: 0

Food Waste — Prevent food waste by encouraging:

- a) strategies such as proper food storage and meal planning,
- b) donation of unused and excess food to organizations that feed hungry people,
- c) collection of unused food from stores and restaurants,
- d) gleaning of agricultural fields and gardens, and
- e) use of EPA's food recovery hierarchy.

<https://www.epa.gov/sustainable-management-food/food-recovery-hierarchy>



039 Help Us Implement the Plan

Reaching Redmond’s sustainability goals will require action from every individual in our community. Moving towards more sustainable consumption habits and zero waste goals will require collective action. The following actions are important steps to reducing emissions.



Buying smart and less

Buying smart and buying less can lead to more sustainability and lower your GHG footprint. Buying smart and less can mean buying vintage or recycled clothing, higher quality clothes, and more local items.

Related action(s):

- Waste reduction outreach
- Food donation

Purchase local 038

Purchasing local helps support local businesses while promoting sustainability by having lower GHG emissions throughout the lifecycle of an item.

Related action(s):

- Waste reduction outreach
- Community zero waste, repair, upcycling workshops

Bringing reusable bags to shop 037 036

Bringing your own bags and food containers can help reduce the waste associated with disposable plastic and paper bags and containers from grocery stores and restaurants.

Related action(s):

- Waste reduction outreach
- Stewardship policies
- Styrofoam policy and engagement



#036

Posted by **Tom Hinman** on **07/14/2020** at **7:25pm** [Comment ID: 165] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

But every little bit helps....[:o)

#037

Posted by **Tom Hinman** on **07/14/2020** at **5:16pm** [Comment ID: 148] - [Link](#)

Type: Suggestion

Agree: 2, Disagree: 0

Like straws, this packaging effort may not have the range of benefits some may think.

#038

Posted by **David Morton** on **07/14/2020** at **6:32pm** [Comment ID: 151] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

Redmond must have Local Food Source Programs -- Develop programs to encourage:

- a) home-grown and locally-sourced food by supporting farmers markets and community agriculture,
- b) the purchase of healthy, low-carbon and minimally-processed foods for meetings, events and facilities,
- c) local food production and distribution including community gardens, especially for marginalized communities,
- d) the planting of fruit and nut trees, including in parks and public right-of-ways, and
- e) use of low-carbon and locally-grown foods by public and private institutions.

#039

Posted by **David Morton** on **07/13/2020** at **6:28pm** [Comment ID: 132] - [Link](#)

Type: Question

Agree: 0, Disagree: 0

This section doesn't have a Green Redmond Pledge to sign. Should there be one?

Natural Systems

Goals: Enhance green space, tree canopy, habitat quality, biological condition of streams, and natural drainage systems.

The Natural Systems focus area includes a variety of sustainability considerations, including protection and enhancement of native habitats and tree canopy, improvements to water quality, natural drainage systems, habitat quality, and green spaces.



Progress To-Date Highlights

<ul style="list-style-type: none"> The City has been continuously certified by the Washington State Department of Natural Resources as a Tree City USA. The City has 22 parks sites certified as wildlife-friendly spaces (Wildlife Habitat Certification). Between 2013 and 2018, the City had 36% more acres enrolled in active management for restoration and is currently using more effort on maintaining acres already enrolled versus enrolling new acres. The City adopted the Tree Canopy Strategic Plan in 2019 to outline strategies to achieve the 40% tree canopy coverage goal over the next 30 years. In 2013, the City completed a Citywide Watershed Management Plan that establishes a framework to guide actions to restore the City's surface waters based on a holistic approach to surface water management. The City has completed the Tosh Creek Watershed Restoration Plan and begun implementing projects to restore the creek and is developing watershed restoration plans for other watersheds that are a high priority for restoration. 	<p>Tree canopy cover (%). Tree canopy cover declined from 38.7% to 38.1% since 2013.</p>	
	<p>Stormwater flow control (% of area with adequate stormwater flow control). Between 2013-2018, the City increased stormwater flow control by 5%.</p>	
	<p>Stream habitat quality (% of stream length with good in-stream habitat). There has been a slight decrease (<2%) in the quality of in-stream habitat between 2013-2018.</p>	



#001

Posted by **Shelly Bowman** on **07/13/2020** at **1:34pm** [Comment ID: 118] - [Link](#)

Type: *Suggestion*

Agree: 3, Disagree: -1

We need to immediately revise code to eliminate tree Canopy lose and get a community wide rally to quickly achieve and maintain Tree Canopy to include reducing urban hot spots. We need to add complete transparency, reporting quarterly to the public about our success and pride in our community sustainable environmental health.

We can build gree and stay green, but we need\$\$ upfront enforcing our code. Paying the price later is much greater than enforcement now.

#002

Posted by **Steve Hitch** on **07/07/2020** at **11:47pm** [Comment ID: 51] - [Link](#)

Type: *Suggestion*

Agree: 5, Disagree: 0

We should plant more trees and we should do a better job of enforcing tree protection standards as development proceeds.

#003

Posted by **Rosemarie Ives** on **07/19/2020** at **1:41am** [Comment ID: 248] - [Link](#)

Agree: 4, Disagree: 0

This number is unbelievable!!! The tree canopy has been decimated since 2009. The City has inappropriately included the Watershed, Farrel-McWhirter and Juel Park, all outside the city limits, in its calculation of its Tree Canopy.

With the kind of clear cutting of trees that has taken place, I doubt that Redmond meets the Tree City certification anymore.

#004

Posted by **David Morton** on **07/13/2020** at **7:38pm** [Comment ID: 135] - [Link](#)

Type: *Suggestion*

Agree: 4, Disagree: 0

A Technical Committee Report to the Planning Commission on April 3, 2020 proposes the following amendments to Redmond's Comprehensive Plan:

Proposed Tree Canopy Policies

Delete the following policies:

NE-113 Maintain no net loss of significant trees within the city over the long term.

If the City decides not to maintain no net loss of significant trees within the city over the long term, then many if not most trees with a 6" or greater trunk diameter will be replaced by trees with much skinnier trunks. This is REALLY BAD for a tree canopy!!!

This deletion from the Comp Plan must not happen.

#005

Posted by **Lois Jean Winters** on **07/13/2020** at **5:42pm** [Comment ID: 130] - [Link](#)

Type: *Suggestion*

Agree: 5, Disagree: 0

We need to think about tree removal as a consequence of development. For example the old Group Health site has been essentially denuded of trees. Totally unnecessary to do and impossible to match the number of trees lost. Also should think about replacing trees in same area where they are removed. Trees taken out of Overlake area should be replaced in same area of city. Maybe have some shorter term goals in addition to long one of 30 years

#006

Posted by **David Morton** on **07/14/2020** at **12:00am** [Comment ID: 139] - [Link](#)

Type: Suggestion

Agree: 4, Disagree: 0

Thank you Redmond for your Tree Canopy Strategic Plan!

A Tree Canopy Strategic Plan must:

- a) establish tree canopy targets for all parts of the city,
- b) emphasize the preservation of healthy, native, and climate-resilient trees,
- c) maximize carbon sequestration, climate change resilience, and equitable distribution of tree-related benefits across the city,
- d) promote species diversity and tree longevity, and
- e) monitor canopy changes.

#007

Posted by **Rosemarie Ives** on **07/19/2020** at **1:48am** [Comment ID: 250] - [Link](#)

Agree: 6, Disagree: 0

I oppose the recent recommendation by the Planning Director and Public Works Director to delete "no net loss of significant trees" from the plan adopted just last year.

The City has over assumed that tree plantings can compensate for tree canopy loss. Science and Research does not support that premise. Tree retention must be part of the plan.

#008

Posted by **Rosemarie Ives** on **07/19/2020** at **1:44am** [Comment ID: 249] - [Link](#)

Agree: 3, Disagree: 0

36% is how many more acres? Using percentages can be misleading. Would like to read a status report on the the replacement mitigation since 2008 that would quantify mortality versus success in actual numbers.

#009

Posted by **Rosemarie Ives** on **07/19/2020** at **1:51am** [Comment ID: 251] - [Link](#)

Agree: 4, Disagree: 0

City has identified a goal of 40% tree canopy. The City should adopt a Canopy "Floor" that it will not go under. City claims a tree canopy of 38% including inappropriately Watershed, Farrell Mcwhirter and Juel Parks that are all outside the city limits.

#010

Posted by **Anonymous** on **07/14/2020** at **2:55pm** [Comment ID: 141] - [Link](#)

Type: Suggestion

Agree: 5, Disagree: 0

The city makes it nearly impossible for residents to remove trees, even ailing ones, but is clear-cutting green spaces left and right to build condos. Three green spaces within a half-mile stretch of 166th Ave NE have been removed in the last two years to build condos. 30 year plans are great, but not cutting down trees is better.

Sustainability Targets, Strategies, and Actions

Targets

012

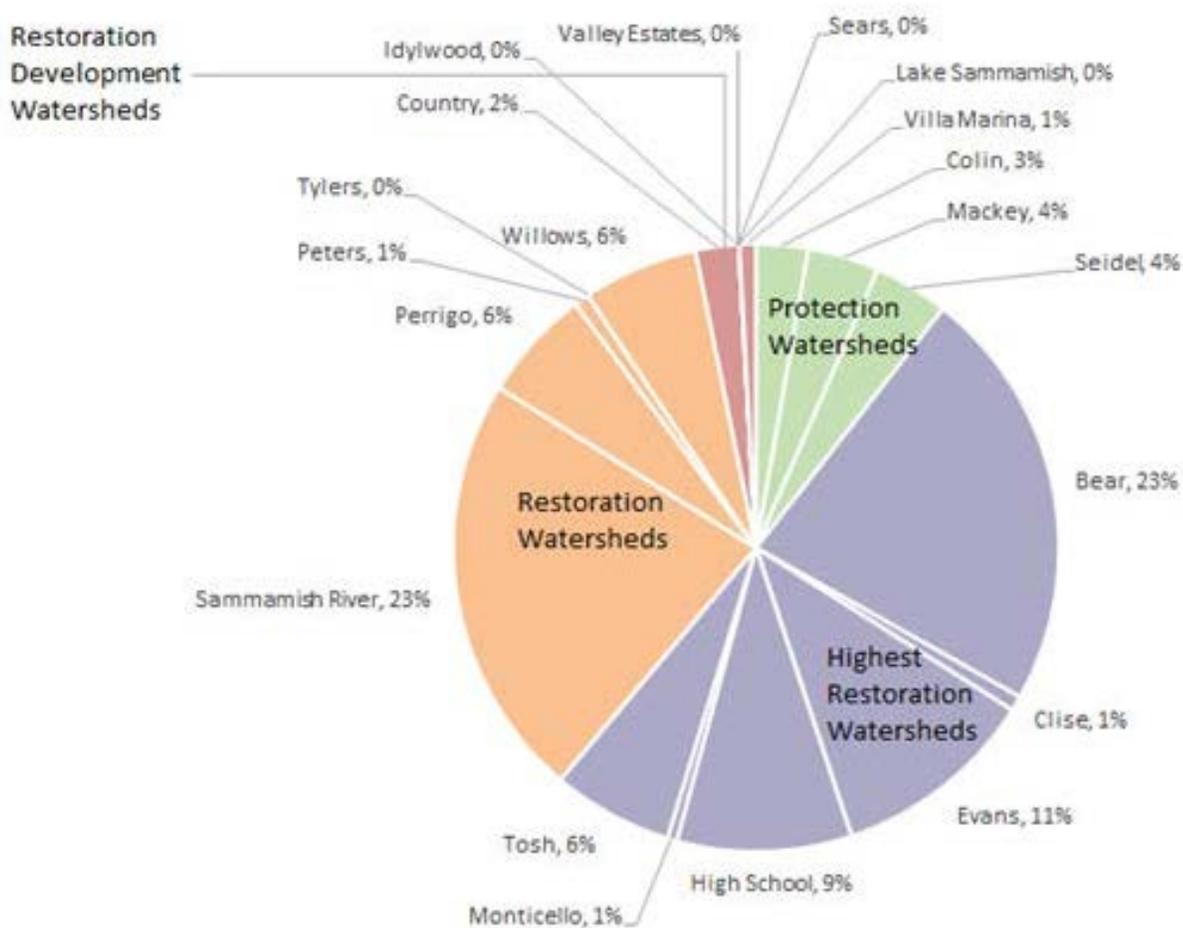
Target Indicator	Target Value
Increase Tree canopy cover (%) 011	40% by 2049
*Increase BIBI index of four streams (Highest Restoration Watersheds)	60 by 2050
*Increase BIBI index of twelve streams	60 by 2060
Increase surface water quality index (# out of 100)	80
Stormwater retrofit for flow control (%)	100% by 2063
Stormwater retrofit for water quality treatment (%)	100% by 2063
Accessible habitat and wetlands (acres) 013	2,600 by 2050

*These goals may be refined in the future due to updates to the Redmond Watershed Management Plan.

How Will We Get There?

By implementing the strategies and actions in this plan, we anticipate that Redmond will continue to maintain and enhance existing habitat quality and quantity through watershed restoration, which will improve the biological conditions of streams and increase the amount of accessible habitat and wetlands.

We estimate approximately 16% of the City area is accessible habitat. We expect that largest relative increases in accessible habitat will stem from the Bear, Sammamish River, and Evans, and High School watersheds because these watersheds have the highest quantity of existing habitat fragments within 0.2 miles of existing accessible habitat (see figure below).



#011

Posted by **Gina Clark** on **07/16/2020** at **6:27pm** [Comment ID: 207] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: 0

Simplifying the tree code is imperative so it is easier to understand, comply with, and implement with equitable results. Consider a broader tree canopy preservation approach that does place the full responsibility of tree protection on homeowners or builders, increasing cost and limiting private property use. Consider requirement a certain percentage of species diverse trees must be planted and retained in other zones: commercial, industrial, city core. Realization and education of community that trees and housing should not always be in conflict. They both need one another. Keep plat and housing design requirements flexible to accommodate tree preservation especially on smaller sites, more complicated environmental sites, and where density makes it impossible to preserve, allow for in-lieu fees to be used to plant in tree deserts throughout the city and enhance canopy in a more equitable way. Adopt right tree right place instead of always mandating where trees must located without consideration of design limitations.

Reply by **RedmondAdmin** on **07/24/2020** at **12:46am** [Comment ID: 311] - [Link](#)

Type: Answer

Agree: 0, Disagree: 0

Thanks Gina. The City has a parallel effort looking at updating tree preservation regulations. We've passed your comments along, and you can also weigh in on that effort here - <https://www.letsconnectredmond.com/trees>

#012

Posted by **David Morton** on **07/13/2020** at **11:55pm** [Comment ID: 138] - [Link](#)

Type: Suggestion

Agree: 4, Disagree: 0

Another target indicator is soil. Redmond must maintain the health of its soil. Limit the use of pesticides, herbicides and chemical fertilizers which destroy carbon-sequestering microbes in the soil.

#013

Posted by **Kathy Dennis** on **07/09/2020** at **4:55pm** [Comment ID: 62] - [Link](#)

Type: Question

Agree: 0, Disagree: 0

What does accessible habitat mean? Accessible to people, animals?

Reply by **RedmondAdmin** on **07/09/2020** at **7:14pm** [Comment ID: 65] - [Link](#)

Type: Answer

Agree: 0, Disagree: 0

This target refers to habitat accessible to animals. For instance, we want to provide connected habitat and avoid a freeway between patches of habitat or a development without a green belt.

Proposed Strategies and Actions

The list below presents proposed **strategies and actions** for inclusion in the Redmond Environmental Sustainability Action Plan.

 = Ongoing/Expanded
  = Near-term
  = Mid-term
  = Long-term
 = Foundational Action

Action	Description	Timeframe
Strategy N1: Protect and enhance equitably accessible native habitats and open space and preserve agricultural lands.		
Enforce critical areas code and regulations 	Strengthen, revise, and enforce codes for critical areas including, fish and wildlife habitat conservation areas, frequently flooded areas, geologically hazardous areas, unstable slopes, and associated areas and ecosystems. 	
Watershed approach for restoration 	Use watershed approach for habitat restoration planning and activities and update Redmond's Watershed Management Plan on a regular basis (plan states every 5 years).	
Urban agriculture expansion	Partner with nonprofits, low income communities, and underrepresented communities to expand urban agriculture opportunities in community gardens, schools, and parks and on rooftops.	
Habitat protection zoning	Support planning and zoning efforts that protect natural resources, including water resources, open space, and habitats.	
Community education and outreach	Educate community on importance of local and native habitats. 	
Urban forestry staff	Hire a person/team at the City to implement the goals and strategies associated with increasing canopy cover across the city and to update the 20-yr plan.	 
Private development restoration requirements	Require private development to address restoration issues onsite and explore options for enhanced requirements. 	 
Address developed areas that flood	Establish development standards, prioritize habitat, establish ecosystem minimums for habitat development, and/or purchase areas for development and retrofit of developed areas that flood or have degraded habitat and water quality.	
Strategy N2: Enhance resilience of natural areas and systems to climate change.		
Forest Management Plan implementation	Continue to progress on and update the 20-year Forest Management Plan developed by the Green Redmond Partnership to restore and enhance natural areas, assess current urban forest health, and outline future urban forest goals and strategies.	
Drought/heat tolerant plantings 	Acquire plants grown from regional seed to support continued genetic diversity of native species and resilience of native habitat and soil and are able to be drought-tolerant, climate-adapted, and efficiently sequester carbon.	
Improve fish passage  	Remove barriers to fish migration and prevent the creation of new barriers.	



#014

Posted by **Rosemarie Ives** on **07/19/2020** at **2:02am** [Comment ID: 253] - [Link](#)

Agree: 1, Disagree: 0

I oppose the "in lieu" fee. The city's ratio for tree replacement is a charade--a sapling of a deciduous tree will take decades upon decades to get around to producing the environmental benefit of a significant or a landmark tree. Require developers to plant on their property rather than passing on the responsibility and cost to the city to maintain in perpetuity. Encouraging native conifers to be planted on their property could produce a decent tree in 20/25 years.

#015

Posted by **Shelly Bowman** on **07/13/2020** at **1:43pm** [Comment ID: 119] - [Link](#)

Type: Suggestion

Agree: 8, Disagree: 0

Note that both trees and wildlife require clusters and diversity and snags and large heritage and Landmark trees. Planting trees isolated unable to touch root systems or have proximity communication reduces fight against weather, pests, famine, reproduction successes. We should define trees by type, size and age and clearly state that Arborvitea and other like species are not acceptable tree replacements.

#016

Posted by **Tom Markl** on **07/04/2020** at **6:02pm** [Comment ID: 38] - [Link](#)

Type: Question

Agree: 0, Disagree: 0

Private development is largely multi-family and commercial in areas that are already urbanized. What does restoration enhancement mean in this environment?

Reply by **RedmondAdmin** on **07/09/2020** at **6:41pm** [Comment ID: 63] - [Link](#)

Type: Answer

Agree: 2, Disagree: 0

Restoration requirements could take many forms. One example would be coming up to date with the most recent stormwater management requirements. A site that was developed 20 years ago was developed with different standards. If that site was redeveloped today it may require infiltration of stormwater or other flow control methods. Another example would be that the City requires, by code, the restoration of degraded critical areas buffers. If a development proposal occurs on a site with this condition, they are required to restore the buffer.

#017

Posted by **Phoebe Jenkins** on **08/01/2020** at **2:34am** [Comment ID: 355] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

I suggest the city partner with youth organizations such as the Tomorrow Project and Sustainability Ambassadors to help educate kids on these matters. In addition, kids of all ages should not only be taught about the climate emergency and large-scale environmental issues, but also exposed to regional issues and the efforts to address them. Learning about regional efforts and learning from younger people would make environmental matters more accessible to kids and build stronger connections between youth and the community.

#018

Posted by **Karen Dawson** on **07/17/2020** at **6:49pm** [Comment ID: 234] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

The city can utilize compost, generated from the City of Redmond's organics collection program in fish passage improvement projects, green stormwater solutions and other

low-impact design projects.

#019

Posted by **Gina Clark** on **07/16/2020** at **6:32pm** [Comment ID: 208] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: 0

One of the most difficult challenges homebuilders face are challenging sites limited by environmentally sensitive critical areas. The current code and building homes while protecting critical areas are often at odds, as is the interpretation and implementation by staff during review. It is becoming increasingly more difficult to build homes in Redmond with these challenges, and increasing density requirements without also enforcing current code requirements equitably and consistently will make those challenges increase exponentially. Incentives, points, and design flexibility, along with more training of staff and dialogue with building community are needed.

#020

Posted by **Gina Clark** on **07/16/2020** at **6:49pm** [Comment ID: 216] - [Link](#)

Type: Suggestion

Agree: 2, Disagree: 0

Uncertain where to best place this comment. Consider expanded use of reclaimed water in ROW and city parks, such as Marymoor, to preserve the city's freshwater drinking source for human consumption and denser development.

#021

Posted by **Gina Clark** on **07/16/2020** at **6:35pm** [Comment ID: 209] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: 0

Support but also include an education component and ensure that implementation is "easy." Lists of acceptable plantings, guidelines for planting, etc.

#022

Posted by **Karen Dawson** on **07/17/2020** at **6:50pm** [Comment ID: 235] - [Link](#)

Type: Suggestion

Agree: 2, Disagree: 0

Resource:

Article from Stormwater magazine: Compost: The Sustainable Solution - <https://www.stormh2o.com/erosion-control/article/13024565/compost-the-sustainable-solution#:~:text=Compost%20is%20an%20incredibly%20versatile%20product%2C%20which%20provides,architects%2C%20public%20agencies%29%2C%20policy%20makers%2C%20and%20project%20>

The Nature Conservancy & Washington State University: Solving Stormwater -

<https://www.washingtonnature.org/cities/solvingstormwater>

Soils for Salmon: <https://www.soilsforsalmon.org/>

Action	Description	Timeframe
Update critical habitat	Update priority habitat corridors for preserving and enhancing critical habitat for wildlife and incorporate into departmental plans and codes such as critical areas.	
Drought-tolerant and lawn removal incentives 028	Establish incentives/rebates for drought tolerant residential landscaping and removal of grass lawns. 024	
Strategy N3: Expand green infrastructure and associated services.		
Adopt Integrated Pest Management (IPM) Plan for all city owned properties	Use Redmond Park's Integrated Pest Management (IPM) plan for city-owned properties.	
Environmental BMP & design standard implementation & enforcement	Implement and enforce Environmental Best Management Practices & Design Standards on development and redevelopment projects.	
Proactively maintain stormwater infrastructure	Proactively maintain stormwater infrastructure including pipes, catch basins, vaults, ponds, and swales.	
Stormwater capital improvement plan updates	Update the stormwater capital improvement plan at least annually and implement the flood reduction, water quality improvement, and habitat enhancement CIPs according to the established schedule.	
Restore Redmond's watersheds	Implement the recommendations of the Redmond's Watershed Management Plan to restore all surface water bodies in the City within the next 50 to 100 years.	
Stormwater flow control retrofits	Construct or retrofit stormwater flow control / infiltration facilities.	
Stormwater treatment retrofits	Construct or retrofit stormwater runoff treatment facilities.	
Update the City's Watershed Plan	The City will update the Watershed Plan and utilize the best available science and technology to evaluate the previous plan's goals.	
Regional stormwater facilities plan	Coordinate development of the City's urban centers with stormwater management improvements to meet the City's water quality goals, support new development that is required by the Growth Management Act, and do so in a cost-effective way.	
Drainage system resilience	Prepare natural drainage systems for changes in precipitation patterns. 023	
Urban biodiversity mapping	Inventory and map urban biodiversity for the prioritization of enhancement, protection, and re-connection.	
Stormwater retrofit incentives 029	Plan, create incentives for, and support green stormwater retrofit projects such as rain gardens and other low-impact designs. 027	
Assess health of city-owned ROW trees	Assess the health of natural systems for parks and ROW trees (urban forests will be part of 20-year plan). Develop goals, risk tolerances, and restoration strategies to manage tree species and canopy cover. 025 026	



#023

Posted by **Tom Hinman** on **07/14/2020** at **7:39pm** [Comment ID: 167] - [Link](#)

Type: *Suggestion*

Agree: 2, Disagree: 0

This could be one of the most important ways to deal with likely effects of climate change as precipitation rates may increase.

#024

Posted by **Devon** on **07/19/2020** at **4:36am** [Comment ID: 269] - [Link](#)

Agree: 1, Disagree: 0

Yes please!

#025

Posted by **Lois Jean Winters** on **07/13/2020** at **5:48pm** [Comment ID: 131] - [Link](#)

Type: *Suggestion*

Agree: 1, Disagree: 0

we could think about encouraging and implementing gray water use to water gardens and lawns in summer. would reduce demand for water as well as reduce use of storm water and sewage treatment needs

#026

Posted by **Gina Clark** on **07/16/2020** at **6:38pm** [Comment ID: 211] - [Link](#)

Type: *Suggestion*

Agree: 2, Disagree: 0

Requirement for the city to also participate in active tree retention and replanting in ROW, on public property like parts, and around municipal buildings.

#027

Posted by **Gina Clark** on **07/16/2020** at **6:39pm** [Comment ID: 212] - [Link](#)

Type: *Suggestion*

Agree: 0, Disagree: 0

See above to help give design flexibility and menu of options.

#028

Posted by **Gina Clark** on **07/16/2020** at **6:37pm** [Comment ID: 210] - [Link](#)

Type: *Suggestion*

Agree: 2, Disagree: 0

MBAKS supports along with a community education component and strive to also reach existing and not just new residential. Consider design flexibility and menu of options rather than mandating one-type of improvement. For example, "The city requires the installation of rain barrels." What type? Where install on small lots? Other options to meet stated goal? Combination of drought tolerant planting and improvement to drip irrigation? Helps with affordability and challenging site design.

#029

Posted by **Karen Dawson** on **07/17/2020** at **6:51pm** [Comment ID: 236] - [Link](#)

Type: *Suggestion*

Agree: 2, Disagree: 0

The city can utilize compost, generated from the City of Redmond's organics collection program in fish passage improvement projects, green stormwater solutions and other low-impact design projects.

Resources:

Article from Stormwater magazine: Compost: The Sustainable Solution - <https://www.stormh2o.com/erosion-control/article/13024565/compost-the-sustainable-s>

Action	Description	Timeframe
Strategy N4: Increase citywide tree canopy.		
Planting in open space park lands	Increase canopy on City property by planting open space areas in parks consistent with park master plans, street trees, riparian and restoration plantings. 036	»»»
Reevaluate tree regulations	Reevaluate tree regulations to protect existing canopy and to ensure trees are replanted 038 with a "right sized tree." 033 32 Develop best practices for tree health and maintenance. 031	030 »»
Tree canopy LiDAR dataset	Acquire updated LiDAR dataset to reset canopy baseline.	»»»
Neighborhood matching grants for tree canopy cover	Encourage use of Neighborhood Matching Grants to increase canopy in neighborhoods, especially for low-cost or no-cost trees, where canopy is needed based on tree canopy plans for neighborhoods.	»»»
Tree canopy policies 041 040	Add new policies to the comprehensive plan describing the tree canopy goal, timeframe, and other key strategies that includes maintaining and updating canopy data and tracking tree removal and replacement.	»»»
Targeted parcel acquisition	Evaluate acquisition of forest parcels, especially in neighborhoods or zones with less canopy, to preserve urban forest cover. 039 034	»»»
Tree canopy dashboard	Develop an outward facing dashboard that allows public to see tree canopy performance measures for stormwater, heating/cooling, air quality, public health, economic development and climate. 037	»»»
Develop tree canopy plans for neighborhoods	Work with neighborhoods in ongoing efforts to increase canopy and forest health in their neighborhoods. 035	»»»



#030

Posted by **Rosemarie Ives** on **07/19/2020** at **1:56am** [Comment ID: 252] - [Link](#)

Agree: 2, Disagree: 0

The denser the neighborhood, the greater need for higher retention of tree canopy. With more people in a dense area, there is need for more clean air, less CO2 emissions, and more aesthetics. Otherwise, we are saying that people in single family neighborhoods deserve cleaner air etc than people living downtown or in Overlake.

#031

Posted by **Tom Hinman** on **07/14/2020** at **7:48pm** [Comment ID: 169] - [Link](#)

Type: Suggestion

Agree: 2, Disagree: 0

A fee-in-lieu plan in which trees are planted far from the impacted neighborhood is neither just or equitable. Group Health is the case in point.

#032

Posted by **Tom Hinman** on **07/14/2020** at **7:44pm** [Comment ID: 168] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

Urban trees are essential, if only in a park context, for quality of life in our urban centers. Hence, those that remain are more precious.

#033

Posted by **Gina Clark** on **07/16/2020** at **6:42pm** [Comment ID: 214] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

And just not "right sized" but also right place. Simply saying, "In all residential setbacks" does not give the flexibility for homes and trees to exist on smaller lots and can undercut building affordability. It can also result in homeowners removing trees if located in unsuitable areas.

#034

Posted by **Tom Hinman** on **07/14/2020** at **7:51pm** [Comment ID: 170] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

Why not a joint forested park development of the "Unigard" property with the City of Bellevue for the benefit of Overlake area residents regardless of jurisdiction?

#035

Posted by **Tom Hinman** on **07/14/2020** at **7:54pm** [Comment ID: 171] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

Neighborhood visioning/plan development with community members seems to be a dying art in Redmond. Perhaps this could help revive that process.

#036

Posted by **Gina Clark** on **07/16/2020** at **6:39pm** [Comment ID: 213] - [Link](#)

Agree: 1, Disagree: 0

MBAKS fully supports.

#037

Posted by **Gary D Smith** on **07/19/2020** at **5:14pm** [Comment ID: 272] - [Link](#)

Type: Question

Agree: 0, Disagree: 0

Great goals so the question is how to get there? In looking for answers, I'm somewhat confused by the labels on the 3 types of watersheds: Restoration, Highest restoration and Protection. Will continue reading.

#038

Posted by **Tom Markl** on **07/04/2020** at **6:07pm** [Comment ID: 39] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: -2

Tree replacement is and will be increasing difficult in the urban Overlake, Marymoor and Downtown areas. Perhaps, create a fund for developers to pay into as an alternative to onsite replacement, for the City to use to plant in less dense areas of the City.

#039

Posted by **Gina Clark** on **07/16/2020** at **6:44pm** [Comment ID: 215] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

Please work at times with the homebuilding community so, with the already limited amount of land to build, retention is occurring in areas otherwise not best suited for homes, and vice versa. Especially as the demand for housing continues to grow and housing choice should be expanded.

#040

Posted by **David Morton** on **07/14/2020** at **12:01am** [Comment ID: 140] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: 0

Thank you Redmond for your Tree Canopy Strategic Plan!

A Tree Canopy Strategic Plan must:

- a) establish tree canopy targets for all parts of the city,
- b) emphasize the preservation of healthy, native, and climate-resilient trees,
- c) maximize carbon sequestration, climate change resilience, and equitable distribution of tree-related benefits across the city,
- d) promote species diversity and tree longevity, and
- e) monitor canopy changes.

#041

Posted by **David Morton** on **07/13/2020** at **11:53pm** [Comment ID: 137] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: 0

A Technical Committee Report to the Planning Commission on April 3, 2020 proposes the following amendments to Redmond's Comprehensive Plan: Proposed Tree Canopy Policies -- "Delete the following policies: NE-113": "Maintain no net loss of significant trees within the city over the long term." If the City decides not to maintain no net loss of significant trees within the city over the long term, then many if not most trees with a 6" or greater trunk diameter will be replaced by trees with much skinnier trunks. This is REALLY BAD for a tree canopy!!! This deletion from the Comp Plan must not happen.



Help Us Implement the Plan

Reaching Redmond’s sustainability goals will require action from every individual in our community. Collective action can have a significant impact on lowering the community carbon footprint. There are numerous ways to take action to save energy, here are just a few that help to reduce emissions.



Green your yard.

Planting native plants and trees in your yard can help increase green space in your neighborhood, which can improve habitat quality and water quality. Participate in neighborhood initiatives to increase tree canopy in your community.

Related action(s):

- Community education and outreach
- Drought-tolerant and lawn removal incentives
- Drought/heat tolerant
- Urban biodiversity mapping
- Tree canopy policies
- Neighborhood matching grants
- Develop tree canopy plans for neighborhoods 044

Don't use harmful chemicals in your yard or home. 043

Using harmful pesticides in your yard may keep away the insects and pests, but these pesticides are likely to flow and affect surface water quality and groundwater quality. Try washing your car at a commercial car wash, on the lawn, or in an area that doesn't drain to surface water bodies

Related action(s):

- Community education and outreach
- Drainage system resilience
- Adopt Integrated pest management (IPM) plan for all city owned properties

Help your community!

Redmond offers a variety of volunteer opportunities for anyone interested in caring for open space. Adopt a trail to clean up regular, try collecting native seeds, and keep an eye out for noxious weeds.

Related action(s):

- Reduce conservation obstructions
- Community education and outreach
- Urban agriculture
- Drought/heat tolerant

042



#042

Posted by **Devon** on **07/19/2020** at **4:44am** [Comment ID: 270] - [Link](#)

Type: Suggestion

Agree: 2, Disagree: 0

Green Teams at local schools want to have on-site community gardens and help plant neighborhood trees. It would be great to coordinate with city efforts.

#043

Posted by **David Morton** on **07/13/2020** at **11:48pm** [Comment ID: 136] - [Link](#)

Type: Suggestion

Agree: 5, Disagree: 0

This is great advice for individual residents, but there should be an action item for this as well. Everyone must be aware of Soil Health -- Limit use of pesticides, herbicides and chemical fertilizers which destroy carbon-sequestering microbes in the soil.

#044

Posted by **Gary D Smith** on **07/19/2020** at **5:18pm** [Comment ID: 273] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

Not clear how canopy performance will be measured, nor how it relates to economic development in particular. Pls give a specific example of tree canopy indicators.

Water Management

Goals: Protect and conserve water resource quality and quantity.

Protecting and conserving water resources, including our local groundwater resources and our watershed resources, is a critical component of environmental sustainability. Within this context, Redmond is working to implement sustainable water resource management practices and regulations to achieve greater conservation and more efficient use of our water supply.



Progress To-Date Highlights

<ul style="list-style-type: none"> The City recently updated groundwater protection areas (Wellhead Protection Zones) and established updated Critical Aquifer Area (CARA) boundaries to enhance management of a clean water supply. The City conducts quality testing and water level measurements for approximately 100 monitoring wells. The City recently improved efforts to reduce pollution risks to the City's aquifer. The City partners with Cascade Water Alliance and the Department of Ecology to conduct outreach and education on the benefits of grey water systems. The City utilizes a centralized water control system called Maxicom that monitors and controls landscape irrigation. The City replaced annual planting beds with drought-tolerant perennials and transitioned to as-needed irrigation and utilizes drought-resistant landscaping on City Hall Campus. 	<p>Pollution prevention site visits (% of high-risk sites visited and provided technical assistance). In the last four years, the City has visited and provide prevention relief to 100% of at-risk water sites. These efforts helped reduce pollution risk to our water resources.</p>	
	<p>Groundwater quality (% of groundwater monitoring wells that meet groundwater quality standards). The City monitors the quality a variety of groundwater wells. The proportion of wells meeting groundwater requirements have remained steady.</p>	
	<p>Groundwater quality (% of groundwater quality samples that meet drinking water standards). In the last five year, 100% of monitored groundwater wells have met requirements needed for healthy drinking water.</p>	



#001

Posted by **Gina Clark** on **07/16/2020** at **6:51pm** [Comment ID: 217] - [Link](#)

Type: Question

Agree: 0, Disagree: 0

I don't know, but are these municipal wells only or also private use?

Reply by **RedmondAdmin** on **07/16/2020** at **7:19pm** [Comment ID: 228] - [Link](#)

Type: Answer

Agree: 0, Disagree: 0

Hi Gina, this would be for municipal wells only. Thanks for the question!

#002

Posted by **Rosemarie Ives** on **07/19/2020** at **2:08am** [Comment ID: 254] - [Link](#)

Agree: 5, Disagree: 0

Considering that at least 40% of our drinking water comes from groundwater via five wells, I am very concerned about the City allowing developers east of the Sammamish River to continuously pump groundwater from their property so they can build underground parking. With what is going on in downtown and what is planned for Marymoor and areas east of downtown, I find it difficult to believe that our aquifer is not being adversely impacted and threatened.

Sustainability Targets, Strategies, and Actions

Target

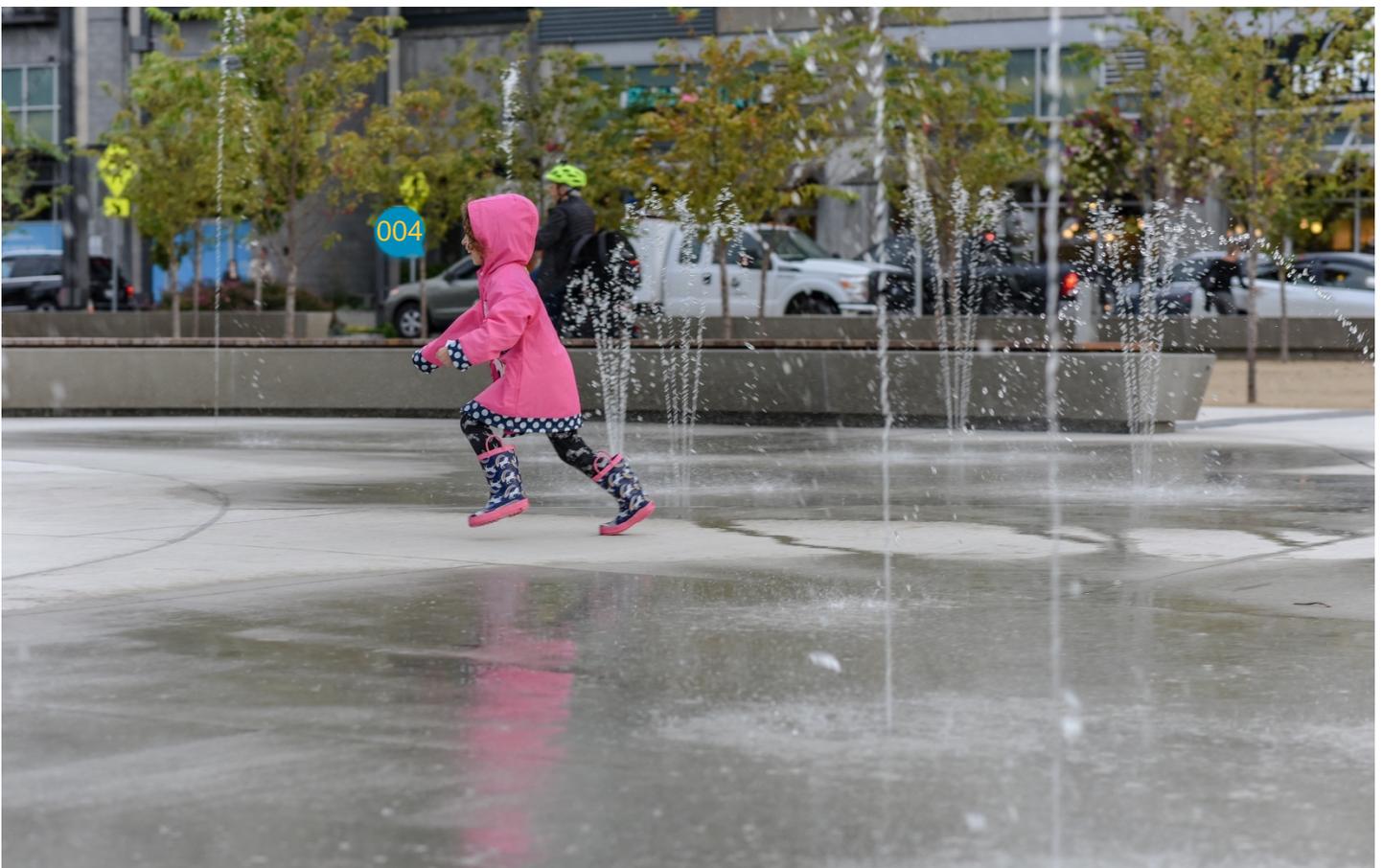
Target Indicator	Target Value
Reduce per-capita gallons of potable water consumed.	Develop a comprehensive Water Use Reduction Strategy that identifies a quantitative target. 003

How Will We Get There?

Redmond single-family residents are currently exceeding the national and Washington State averages for domestic residential water use (55 gallons per day per capita [GPDC] versus 82 GPDC and 101 GPDC, respectively). When other commercial and industrial uses are considered, Redmond is still exceeding national and Washington State averages (73 GPDC versus 81 GPDC and 120 GPDC, respectively). However, the more we continue to conserve, the more sustainable our supply will be.

We anticipate that the identified strategies above will be sufficient in achieving our target. Any additional strategies or actions executed will further improve our commitment to environmental sustainability and set the community and City up for success for future planning.

This includes developing a plan to have all public golf courses use recycled water for all irrigation, providing water fixture upgrades, utilizing water-efficient landscaping practices, expanding grey water reuse, and expanding water conservation education and outreach programs.



#003

Posted by **Gina Clark** on **07/16/2020** at **6:55pm** [Comment ID: 221] - [Link](#)

Agree: 2, Disagree: 0

Community education, incentives, and rebate programs.

#004

Posted by **Steve Hitch** on **07/07/2020** at **11:52pm** [Comment ID: 52] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

What an adorable kiddo!

Proposed Strategies and Actions

The list below presents **proposed strategies and actions** for inclusion in the Redmond Environmental Sustainability Action Plan.

 = Ongoing/Expanded
  = Near-term
  = Mid-term
  = Long-term
 = Foundational Action

Action	Description	Timeframe
Strategy W1: Achieve a secure and sustainable water supply that is equitable, affordable, and accessible.		
Align with regional planning	Ensure continued alignment of City water management actions with regional planning framework, City policies, sustainability practices, and state and federal environmental regulations.	 
Climate risks to water availability	Evaluate risks to water availability due to changes in precipitation patterns (more frequent drought conditions, high precipitation events, changing precipitation patterns, low recharge).	
Strategy W2: Conserve community water resource and maximize water efficiency savings.		
Community awareness program	Conduct community awareness programs for water conservation practices.  	
Water-efficient landscaping	Continue to install and implement water-efficient landscaping and practices for streetscapes (including traffic circles), park sites, City facilities, and City-maintained plantings.	
“One water” education	Expand public education on water conservation and the “one water” concept that all water is reusable.  	
New standards for resilience in water systems	Study and determine if new standards need to be adopted to strengthen infrastructure to address increased flooding, such as larger bridges and culverts and other stormwater conveyance systems.	
Water usage reduction strategy	Create a water usage reduction strategy to provide the strategic framing for all other water efficiency strategies and actions.	 
Gray water for irrigation	Study code barriers and code/policy incentives for promoting graywater reuse over traditional irrigation. Establish a plan to upgrade irrigation controls and operational efficiency on City properties using grey water. 	
Golf course recycle water	Partner with King County to use recycled water for irrigation of golf courses. Develop a plan to have all public golf courses 100% irrigation with recycled water.	
Strategy W3: Protect drinking water sources. 		
Identify groundwater impacts	Protect groundwater by identifying impacts to groundwater.	
Groundwater contamination plan	Refine a plan to prevent and manage existing groundwater contamination. Identify and address groundwater resources at risk. Include a monitoring and tracking program. 	 
Groundwater Monitoring Program	Monitor groundwater monitoring well network to identify impacts to water quality and quantity early and provide an early warning to supply wells.	



#005

Posted by **Stephanie Lecovin** on **07/20/2020** at **8:29am** [Comment ID: 292] - [Link](#)

Type: *Suggestion*

Agree: 0, Disagree: 0

Given the pervasive use of glyphosate and its toxicity/carcinogenicity to human health and pollinators, the City of Redmond should join many other U.S. cities in banning it!

Reply by **Stephanie Lecovin** on **07/20/2020** at **8:31am** [Comment ID: 293] - [Link](#)

Type: *Suggestion*

Agree: 1, Disagree: 0

And also provide incentives/resources for non-toxic Integrative Pest Management practices!

#006

Posted by **Michael Brent** on **07/24/2020** at **12:34pm** [Comment ID: 317] - [Link](#)

Type: *Suggestion*

Agree: 1, Disagree: 0

Incorporate monitoring of contaminants of emerging concern, such as pharmaceuticals and microplastics, into the plan.

#007

Posted by **Devon** on **07/19/2020** at **4:48am** [Comment ID: 271] - [Link](#)

Type: *Question*

Agree: 1, Disagree: 0

Can this be taught in schools?

Reply by **RedmondAdmin** on **07/24/2020** at **12:32am** [Comment ID: 310] - [Link](#)

Type: *Answer*

Agree: 0, Disagree: 0

Great question - this is certainly something we raise with some local schools to see if there is interest.

Reply by **Michael Brent** on **07/24/2020** at **12:29pm** [Comment ID: 316] - [Link](#)

Type: *Suggestion*

Agree: 1, Disagree: 0

Cascade reaches approximately 17,000 students and hundreds of teachers each year with its water education programs in Redmond and other eastside cities. Our programs are predicated on the concept of water "systems" and the interconnectedness of those systems (i.e., water conservation = benefits to groundwater supplies; sustainable landscaping = healthier surface water systems, etc). We are very interested in how we can continue refining our programs for maximum effectiveness and would welcome input from our members and communities.

#008

Posted by **Gina Clark** on **07/16/2020** at **6:52pm** [Comment ID: 218] - [Link](#)

Agree: 2, Disagree: 0

MBAKS supports. One Water education is fantastic.

#009

Posted by **Rachel A Molloy** on **07/20/2020** at **3:03am** [Comment ID: 288] - [Link](#)

Type: *Suggestion*

Agree: 1, Disagree: 0

Can we roll this into every single year-round community stage event? Seriously. it's an on-going city practice about to kick off...let's fully embrace the effort, everywhere, all year.

#010

Posted by **Gina Clark** on **07/16/2020** at **6:53pm** [Comment ID: 219] - [Link](#)

Agree: 1, Disagree: 0

MBAKS supports. See comments under Natural Systems. Especially critical to meet increased population and demand for housing, and preserve freshwater drinking sources for human consumption.

#011

Posted by **David Morton** on **07/14/2020** at **6:52pm** [Comment ID: 158] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: 0

Water Conservation -- In anticipation of dryer summers, promote:

- a) efficient water use,
- b) groundwater recharging by reducing impervious surfaces,
- c) rainwater harvesting,
- d) use of grey water systems, <https://www.sustainable.com.au/greywater-treatment>
- e) drip-irrigation or no-irrigation landscaping and xeriscapes, and
- f) partnerships with water suppliers such as the Cascade Water Alliance.

#012

Posted by **David Morton** on **07/14/2020** at **6:47pm** [Comment ID: 154] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: 0

Using climate science-based community education, Redmond must educate residents and businesses to conserve water and energy.

#013

Posted by **David Morton** on **07/14/2020** at **6:48pm** [Comment ID: 155] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: 0

Using climate science-based community education, Redmond must educate residents and businesses to conserve water and energy.

Action	Description	Timeframe
Update TCD code	Conduct a triple bottom line analysis of temporary construction dewatering (TCD) to determine policy options to reduce tensions between water resources management and compact growth.	»»»
Water efficiency standards	Increase water efficiency and resiliency standards for new development such as requiring dual piping so new buildings are rainwater/reclaimed water ready. 016	»»»
Irrigation water efficiency	Re 019 visi 014 on City codes to promote greater irrigation water efficiency. Considerations could include: rate change, irrigation standards, equipment upgrades, and scaling up properties. 014	»»»
Septic/sewer system improvements	Eliminate direct discharge into the stormwater system from the sanitary and private septic/sewer systems.	»»»
Septic elimination / sewer system expansion	Encourage conversion from on-site 017 wastewater disposal systems as sewer lines become available so that all septic systems in the city are eventually eliminated.	»»»
Landscaping and irrigation standards	Require drought-tolerant planting and efficient irrigation systems on all new development. 018 015	»»»



#014

Posted by **Michael Brent** on **07/24/2020** at **12:50pm** [Comment ID: 319] - [Link](#)

Type: *Suggestion*

Agree: 0, Disagree: 0

Consider including standards for soil amendment, reduction of turfgrass, and emphasis on drought tolerant plantings.

#015

Posted by **Gina Clark** on **07/16/2020** at **6:54pm** [Comment ID: 220] - [Link](#)

Agree: 0, Disagree: 0

See comments under Natural Systems.

#016

Posted by **Michael Brent** on **07/24/2020** at **12:41pm** [Comment ID: 318] - [Link](#)

Type: *Suggestion*

Agree: 1, Disagree: 0

Consider incentives to encourage new construction to install rainwater harvesting for toilet flushing.

#017

Posted by **Steve Barker** on **07/28/2020** at **3:31pm** [Comment ID: 321] - [Link](#)

Type: *Question*

Agree: 0, Disagree: 0

Water issues

#018

Posted by **Nirali Shah** on **07/05/2020** at **6:28pm** [Comment ID: 46] - [Link](#)

Type: *Question*

Agree: 2, Disagree: 0

Would this also be required for existing developments?

Reply by **RedmondAdmin** on **07/10/2020** at **12:01pm** [Comment ID: 70] - [Link](#)

Type: *Answer*

Agree: 0, Disagree: 0

Thanks for your question, Nirali. As the action is currently framed, it would target new development only. New development project have to go through the permitting process, which allows the City to enforce various standards and building requirements.

Reply by **Michael Brent** on **07/24/2020** at **12:19pm** [Comment ID: 315] - [Link](#)

Type: *Suggestion*

Agree: 0, Disagree: 0

Perhaps over time, COR could develop some basic standards for existing systems, such as a minimum distribution uniformity (a measure of the evenness the irrigation system applies water), confirmation of no major leaks or line breaks, installation of a rain sensor shut off device, and minimal overspray onto sidewalks or impervious surfaces. Such standards could be confirmed and submitted to COR at the beginning of the irrigation season (operators should be taking these steps anyway) with minimal time and expense.

#019

Posted by **Steve Barker** on **07/29/2020** at **11:34am** [Comment ID: 322] - [Link](#)

Type: *Question*

Agree: 1, Disagree: 0

Concerned about water



Help Us Implement the Plan

020

Reaching Redmond’s sustainability goals will require action from every individual in our community. Collective action can have a significant impact on improving community water conservation. There are numerous ways to take action to save water, here are just a few that help to conserve water and increase water quality.

<p>Install efficient appliances and fixtures.</p>	<p>Save water at the tap.</p>	<p>Xeriscape landscaping</p>
<p>Install water-efficient toilets, showerheads, and faucet aerators. Before buying, check how much water and energy new appliances, faucets, and water heaters will use. Remember, cheaper up-front purchases could cost more in water and electricity bills over time.</p>	<p>Check all faucets, toilets, and showerheads for leaks. Have your irrigation system audited for leaks, broken equipment, overspray, or inefficient watering schedules.</p>	<p>Choose the right Northwest-friendly plants and watch them thrive in our environment. Group plants with the same watering needs together to avoid overwatering some while underwatering others. Try collecting water from your roof and directing the runoff to plants and trees.</p>
<p>Related action(s):</p> <ul style="list-style-type: none"> • Community awareness program • Water usage reduction strategy 	<p>Related action(s):</p> <ul style="list-style-type: none"> • Water-efficient landscaping • Water usage reduction strategy 	<p>Related action(s):</p> <ul style="list-style-type: none"> • Water usage reduction strategy • Reuse education • Water-efficient landscaping

#020

Posted by **Shelly Bowman** on **07/13/2020** at **1:50pm** [Comment ID: 120] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: -1

Please add to include quarterly metrics transparency to public. We should celebrate success, but quickly address failure to ensure full goal achievement and have no EXCUSES OR MISTAKES OR EXCEPTIONS. This should apply to all categories. We should never hear again in Redmond "we did not know." or "we did not inspect" or "many on site new, but their reporting did not get seriously addressed". With transparency and accuracy in metrics, the community can best monitor and manage the outcomes.

#021

Posted by **Steve Barker** on **07/29/2020** at **5:28pm** [Comment ID: 324] - [Link](#)

Agree: 0, Disagree: 0

Water for golf course

#022

Posted by **Steve Barker** on **07/29/2020** at **5:26pm** [Comment ID: 323] - [Link](#)

Agree: 0, Disagree: 0

Water for golf course!

Climate Change and Resilience

Goal: Reduce communitywide GHG emissions and enhance community-wide resilience to climate impacts. 002 001

Climate change has already affected and will continue to affect Redmond, King County, and the broader Puget Sound region. Warmer temperatures, shifting hydrology and precipitation regimes, more regional wildfires, and more intense and frequent extreme weather events will negatively impact the Redmond community and our neighbors, affecting our collective health, safety, economy, and environment for today and tomorrow. This section includes actions to collectively lower greenhouse gas emissions and build resilience to climate-related impacts. 003



Progress To-Date Highlights

<ul style="list-style-type: none"> Redmond’s municipal operations greenhouse gas emissions have decreased overall since 2011. In 2017, total Redmond GHG emissions were among the lowest in the past 7 years. Current emission-reducing activities including, anti-idling campaigns, green purchasing policies, a bus pass program for City employees, and energy efficiency best practices. As a part of the K4C partnership, Redmond is supporting 2019 policy and legislative advocacy that include: comprehensive science-based limits, market-based price on carbon pollution, expansion of funding for public transit, green buildings, and renewable energy. Several of Redmond’s programs and plans address climate change issues (e.g., stormwater management, energy conservation). The City is a member of ICLEI-Local Governments for Sustainability and utilizes 004 its ClearPath platform to track and report GHG emissions over time. 	<p>Community GHG emissions (MTCO₂e). Some progress, but 7% overall increase from 2011 to 2017. The increase has been largely driven by population growth and building energy-use.</p>	
	<p>Per-capita community GHG emissions (MTCO₂e/capita). Between 2011-2017, per-capita emissions declined 4%. This trend indicates that overall community GHG emission increases may be largely driven by population and economic growth.</p>	
	<p>Municipal GHG emissions (MTCO₂e). Between 2011-2017 municipal GHG emissions declined 5%.</p>	



#001

Posted by **David Morton** on **07/30/2020** at **5:46pm** [Comment ID: 342] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

Performance Measurement — Annually inventory and publish community-wide greenhouse gas emissions. Use standard estimating techniques, emissions categories and the same baseline reference year as recommended by the K4C.

#002

Posted by **David Morton** on **07/30/2020** at **4:57pm** [Comment ID: 340] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

Methane Leaks -- Establish a schedule for finding and eliminating methane leaks from landfills and from "natural" gas pipe lines.

#003

Posted by **Rachel A Molloy** on **07/20/2020** at **2:54am** [Comment ID: 285] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

Partnering with city and area EMS and CERT for seamless integration on planning and response.

#004

Posted by **Rosemarie Ives** on **07/19/2020** at **2:09am** [Comment ID: 255] - [Link](#)

Agree: 2, Disagree: 0

Am glad to read about the city's association with ICLEI. I worked with them back in 2006 and 2007 on climate change initiatives.

Sustainability Targets, Strategies, and Actions

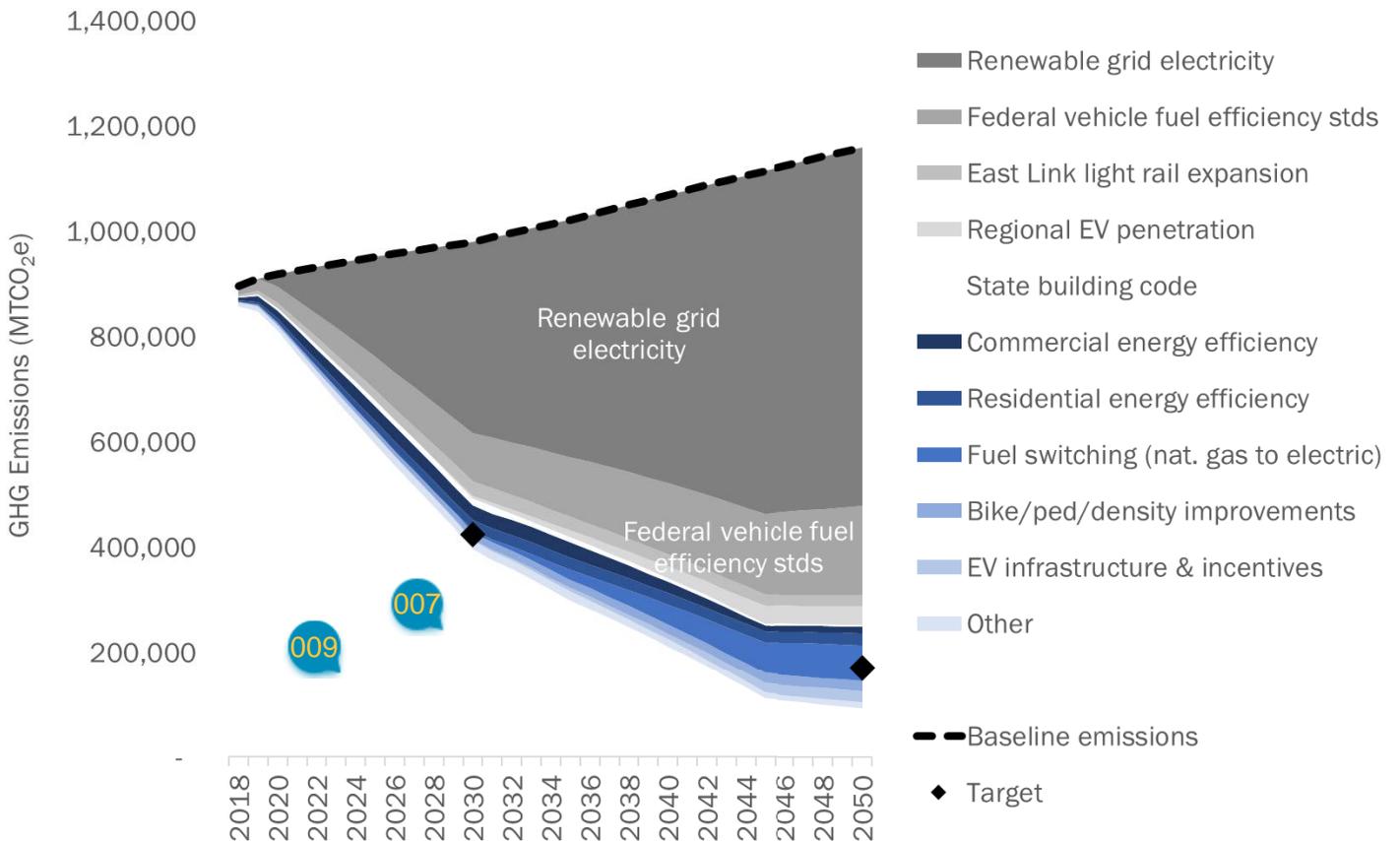
Targets

Focus Area Goal	Sub-Goal	Target
Reduce GHG emissions and enhance communitywide resilience to climate impacts.	Reduce communitywide greenhouse gas emissions.	50% reduction by 2030 80% reduction by 2050

How will we Get There?

We estimate that implementing these strategies, in conjunction with anticipated external programs, policies, and trends, could reduce communitywide GHG emissions by 89% by 2050. More information about each of these emissions-reducing strategies are provided in their respective focus area sections (Transportation and Land Use, Buildings and Energy, and Materials Management and Waste).

Redmond GHG Emissions Impact Analysis



#005

Posted by **Shelly Bowman** on **07/13/2020** at **1:58pm** [Comment ID: 121] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: -1

Targets not aggressive enough. We all King County is mandating change and seeking vendors to deliver that change and marketing those companies in other countries and sharing best practices the cost will come down. It is enabling excuses and kicking the can that have made it so costly. Time to work harder and smarter and cut costs by driving costs. Please do not scare the public with high costs as the alternatives of Climate Change are going to be trillions and loss of life through many extinctions, mass refugees through relocation, mass forced unpleasant changes.

#006

Posted by **Brian Tosch** on **07/05/2020** at **12:02pm** [Comment ID: 40] - [Link](#)

Type: Suggestion

Agree: 2, Disagree: -1

Where did this goal come from? It needs to be much more aggressive. >100% reduction by 2030 is the microsoft goal. Let's aim for that.

Reply by **RedmondAdmin** on **07/07/2020** at **6:59pm** [Comment ID: 50] - [Link](#)

Type: Answer

Agree: 2, Disagree: 0

Thanks for your suggestion, Brian. These targets were established through the King County Cities Climate Collaboration. If you haven't done so already, be sure to complete the survey so we can better understand the costs community members are willing to pay to support deeper reductions.

#007

Posted by **Stephanie Lecovin** on **07/20/2020** at **8:07am** [Comment ID: 291] - [Link](#)

Type: Question

Agree: 0, Disagree: 0

Is the impact of the food system on climate change considered in this graph? Could regenerative agriculture and a more localized food system, coupled with food waste reduction efforts, contribute more significantly to a decrease in emissions? This could include incentives (esp for people of color) to start small, regenerative farms, adding pea patches, and getting more local/organic foods into the schools.

#008

Posted by **Brian Tosch** on **07/05/2020** at **2:28pm** [Comment ID: 41] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

This big white space shows that we need a lot more short term action.

#009

Posted by **Brian Tosch** on **07/06/2020** at **1:07am** [Comment ID: 47] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

This big white space shows that we need a lot more short term action.

Proposed Strategies and Actions

The list below presents proposed **strategies and actions** for inclusion in the Redmond Environmental Sustainability Action Plan.

 = Ongoing/Expanded
  = Near-term
  = Mid-term
  = Long-term
 = Foundational Action

Action	Description	Partners	Timeframe
Strategy C1: Ensure all City services and infrastructure are resilient to climate change impacts.  			
Regional collaboration for utility resilience	Participate in regional efforts that increase Redmond's capacity to respond to climate change impacts to City-run utility services. 		
Reevaluate environmental BMPs and design standards for all City properties 	Build city buildings and infrastructure to be resilient to climate change (e.g. bridges, culverts, stormwater facilities, groundwater) through best management practices and design standards.		
Wildfire response	Ensure local fire department has the equipment and training to manage wildfires.		
Backup power projects	Identify and prioritize solar and microgrid power projects at critical City-owned facilities and at targeted districts.		
Wildfire mitigation planning	Identify permanent funding from the City of Redmond to support forest health improvements to reduce wildfire risk and expand public awareness campaigns on wildfires.		 
Strategy C2: Enhance resilience of populations that will be disproportionately impacted by climate change. 			
Equity commitments 	Commit to climate policy through an equity lens. Reassess current City programs to evaluate and state equity goals in the face of climate change and sustainability issues. 		 
Vulnerability roadmap	Conduct a communitywide climate vulnerability assessment (e.g. urban heat islands, air pollution) to identify and implement resilience-building actions.    		 
Comprehensive vulnerability planning	Ensure all City plans (e.g., Comprehensive Plan, Emergency Management Plan) account for vulnerable populations and communities.		 
Disadvantaged workers	Ensure contracts for City construction projects for energy efficiency, fuel conversion, and green energy provide opportunities for local hiring and disadvantaged worker employment. 		
Critical areas resilience	Evaluate and respond to impacts in Critical Areas due to larger storms and warmer, drier summer weather (steep slopes, wetlands, upland riparian areas, upland restoration areas, instream habitat, aquifer recharge areas).		
Neighborhood resilience hubs	Identify infrastructure to serve as neighborhood resilience hubs, such as "corner stores," and encourage them to sustain neighborhoods in the event of an emergency. 		
Severe weather building standards	Develop building standards that include greater resistance to high winds and flooding.		



#010

Posted by **Steve Hitch** on **07/08/2020** at **12:06am** [Comment ID: 53] - [Link](#)

Type: *Suggestion*

Agree: 3, Disagree: 0

We need to understand how our environmental sustainability decisions impact equity. Need to find a way to assess decisions through an equity lens. What are the hidden populations in Redmond and how are they impacted as housing costs go up due to some of these well-meaning sustainability measures?

#011

Posted by **Devon** on **07/20/2020** at **1:28am** [Comment ID: 278] - [Link](#)

Type: *Suggestion*

Agree: 2, Disagree: 0

This roadmap should include managing the impacts of wildfire smoke pollution such as in 2018. Also extreme heat events. Both are expected to increase significantly in this area (how much depends on our actions now). This will affect business and schools which run outdoor programs as well as people living without adequate air cooling / filtering. Young, elderly, and those with underlying health conditions are most vulnerable to the effects.

#012

Posted by **Tom Hinman** on **07/14/2020** at **8:15pm** [Comment ID: 173] - [Link](#)

Type: *Suggestion*

Agree: 1, Disagree: 0

Same comment re Neighborhood visioning/plan effort...include this also.

#013

Posted by **Gina Clark** on **07/16/2020** at **7:03pm** [Comment ID: 225] - [Link](#)

Agree: 1, Disagree: 0

Vulnerability can often be by zip code. Less affluent areas being particularly susceptible to climate change impacts.

#014

Posted by **Tom Hinman** on **07/14/2020** at **8:13pm** [Comment ID: 172] - [Link](#)

Type: *Suggestion*

Agree: 2, Disagree: 0

Incorporate findings into a Neighborhood visioning/plan process similar to enhanced tree retention.

#015

Posted by **Gary D Smith** on **07/19/2020** at **5:36pm** [Comment ID: 274] - [Link](#)

Type: *Question*

Agree: 0, Disagree: 0

This first action in Strategy C4 has the only reference to Renewable Grid Electricity, and that's a countywide commitment. So is Redmond not considering the option of its own public utility district for renewable energy sources?

Reply by **RedmondAdmin** on **07/24/2020** at **12:19am** [Comment ID: 309] - [Link](#)

Type: *Answer*

Agree: 0, Disagree: 0

Great question Gary. You are correct, there are currently no actions associated with Redmond evaluating its own public utility. Please be sure to make a suggestion if you think that should be included.

#016

Posted by **Gina Clark** on **07/16/2020** at **7:04pm** [Comment ID: 226] - [Link](#)

Agree: 2, Disagree: 0

Along with targeted education in schools and workforce development.

#017

Posted by **Rachel A Molloy** on **07/20/2020** at **2:59am** [Comment ID: 286] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

Vulnerability can also include our natural resources. Some of our flora and fauna communities are also susceptible to the heat, impacts, and changing conditions...we may need to look more at replantings on hillsides, tree removal of deadfalls before storms, waterway erosion shoring after heavy flooding events, etc...that also cumulatively impact area homes and people.

#018

Posted by **David Morton** on **07/14/2020** at **6:59pm** [Comment ID: 160] - [Link](#)

Type: Suggestion

Agree: 5, Disagree: 0

Emergency Management — Redmond must strengthen capacity to understand and respond to extreme heat, floods, landslides, respiratory-related illnesses, mental health impacts, and other problems. Increase the capabilities of service organizations and safety net providers to help respond, especially to most vulnerable populations.

#019

Posted by **David Morton** on **07/30/2020** at **4:11pm** [Comment ID: 329] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

Renewable Energy — Purchase or generate 100 percent of all electricity required for City operations from renewable sources.

#020

Posted by **Gina Clark** on **07/16/2020** at **7:02pm** [Comment ID: 224] - [Link](#)

Agree: 2, Disagree: 0

MBAKS supports and encourages an equity and social justice lens on policy.

#021

Posted by **David Morton** on **07/30/2020** at **4:04pm** [Comment ID: 328] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

Climate Change Readiness — Include climate change preparedness in all City operations, land use programs and decision-making, and monitor effectiveness.

#022

Posted by **Karen Dawson** on **07/17/2020** at **6:41pm** [Comment ID: 232] - [Link](#)

Type: Suggestion

Agree: 2, Disagree: 0

The City of Redmond has an opportunity to bring its organics recycling program full circle by incorporating compost in its parks, roads and stormwater projects. The benefits are innumerable including opportunities to store carbon, filter toxins, reduce irrigation needs and add valuable nutrients to the soil. The city can do this at its new and existing parks, roads, culverts, bridges, and more.

Additionally, the City can accomplish this by strictly enforcing the Washington State Department of Ecology's Post Construction Soil Standard: BMP T5.13 – Post Construction Soil Quality and Depth: <https://fortress.wa.gov/ecy/madcap/wq/2014SWMMWWinteractive/Content/Topics/VolumeV2014/VoIV%20Ch5%202014/VoIV%20Ch5-3%202014/VoIV%20Ch5-3-1%202014/VoIV%20BMPt513%202014.htm>

By enforcing that standard, especially on commercial and residential developments, the city will ensure it is using the best, most climate resilient, environmental practices and design standards as it relates to soil.

Additionally, with the passing of HB 2713, regarding compost procurement and use, and the King County Universal Compost Contract and its respective, free technical training for municipal staff, the city has great opportunities to leverage existing BMPs and programs to accomplish goals outlined in this sustainability plan.

Additionally, through stricter inspection and enforcement of projects, the city would see more compost use as projects strive to meet the existing post-construction soil standards and, in doing so, establish more robust end markets, protect waterways and natural habitats and manage stormwater; all key priorities articulated in this plan.

Action	Description	Partners	Timeframe
Strategy C3: Institutionalize consideration of sustainability and climate change across City activities and decision-making.			
Align budget with climate goals 	Align City budget decisions around climate mitigation and climate resiliency initiatives. 		
GHG monitoring & dashboard	Continue to benchmark, report, and regularly monitor community and municipal GHG emissions. Consider building a public-facing dashboard that includes information on Redmond's GHG emissions and personal carbon footprints.		
Leverage Smart Cities	Leverage the rollout of smart cities strategies to advance sustainability objectives and improve tracking, emissions reductions, and cost savings.		
Climate awareness for employees 	Build City employees climate change awareness in their role for considering climate impacts in their day-to-day decisions at work.		
Strategies to expand employee participation 	Develop a cross-departmental working group or program to expand participation in climate solution strategies and environmental sustainability programming among City staff by the Sustainability Manager.		
Climate consideration policy	Implement a policy requiring all major City capital projects, procurements, and policies consider and attempt to mitigate climate change impacts, such as procurement from women & minority-owned businesses.		
City environmental sustainability ROI	Develop and implement standard for creating project specific return on investment determinations for environmental sustainability throughout a project's lifecycle.		
Economic ROI tools to encourage climate protection	Create financial tools that capture the full lifecycle costs and benefits of City decisions, including the ROI of energy efficiency projects and the environmental costs of products and services.		
Strategy C4: Pursue cross-sectoral, communitywide solutions to address climate change and cross-cutting sustainability issues.			
Countywide commitment to renewable energy resources	Build on existing state renewable energy commitments, including the Washington State Renewable Portfolio Standard (RPS), to partner with local utilities, state regulators and other stakeholders on a countywide commitment to renewable energy resources.		
K4C financing opportunities 	Request K4C to hire a financial expert to develop strategies for King County and its cities and utilities to create financing opportunities for climate change mitigation and implementation projects (e.g., state and federal policy changes). 		
EPA air quality standards	Partner with Puget Sound Clean Air Agency to track and monitor Redmond's air quality and potentially reevaluate plans to ensure they align with 100% of US EPA National Ambient Air Quality Standards. 		
K-12 education	Support an educational agenda to enhance outreach and awareness efforts for K-12 schools on environmental stewardship and partner with organizations to help implement.		
Climate awareness for residents	Provide educational resources (e.g., GHG monitoring tools) and opportunities to help residents become aware of and engage in implementation of Redmond Climate Action Implementation Plan and sustainability initiatives.  		
Youth sustainability ambassadors	Train youth, through the school systems, to be youth sustainability ambassadors.		



#023

Posted by **Rosemarie Ives** on **07/19/2020** at **2:15am** [Comment ID: 257] - [Link](#)

Agree: 2, Disagree: 0

Am familiar with this --it's great!!!

#024

Posted by **Rosemarie Ives** on **07/19/2020** at **2:14am** [Comment ID: 256] - [Link](#)

Agree: 2, Disagree: 0

This sounds like a great idea....however, how are members of the committee going to deal with supervisors who may not be supportive ? What kind of authority will Sustainability Manager have over staff, especially department directors, who may be less then committed to sustainability and are advocating for "things" that may be contrary and threatening to sustainability efforts?

#025

Posted by **Tom Hinman** on **07/14/2020** at **8:22pm** [Comment ID: 176] - [Link](#)

Type: Suggestion

Agree: 4, Disagree: 0

This is important but difficult. It needs to happen if necessary culture changes are to take effect.....less driving, less wasteful consumption, etc.

#026

Posted by **Tom Hinman** on **07/14/2020** at **8:17pm** [Comment ID: 175] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

This should be an interesting process to witness.

#027

Posted by **Rachel A Molloy** on **07/20/2020** at **3:00am** [Comment ID: 287] - [Link](#)

Agree: 0, Disagree: 0

Very important to help homeowners and neighbors understand the part they plan in helping to lower our Redmond Community and City emissions together. Perhaps an integration with the youth ambassadors in that campaign and education effort.

#028

Posted by **David Morton** on **07/14/2020** at **7:10pm** [Comment ID: 161] - [Link](#)

Type: Suggestion

Agree: 7, Disagree: 0

PSCAA currently has no air quality monitoring station in Redmond. The closest air quality monitoring station is at Lake Hills Elementary School, 14310 SE 12th St. in Bellevue. The proposed partnership should begin with a request to PSCAA to actually put an air quality monitoring station in Redmond.

#029

Posted by **David Morton** on **07/30/2020** at **4:00pm** [Comment ID: 327] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

Climate Impacts Reduction -- Require every department to regularly assess the impacts of all City policies and actions on climate change, and take action to reduce negative impacts.

#030

Posted by **David Morton** on **07/30/2020** at **5:51pm** [Comment ID: 344] - [Link](#)

Type: Suggestion

Agree: 1, Disagree: 0

Government Partnerships — Maintain an active role in the K4C. Partner with other local, regional and tribal governments to implement local, state and federal climate policies.

#031

Posted by **David Morton** on **07/30/2020** at **5:48pm** [Comment ID: 343] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

Budgeting -- Tie annual budget allocations to Climate Action Plan success. Success is defined by how well the city's GHG reduction trajectory aligns with the K4C goals.

#032

Posted by **Karen Dawson** on **07/17/2020** at **6:43pm** [Comment ID: 233] - [Link](#)

Type: Suggestion

Agree: 4, Disagree: 0

All City of Redmond councilmembers, staff, businesses and residents can have a positive impact on climate resilience in Redmond by the choices they make every day. And some employees are uniquely positioned to have a positive impact, through the application of knowledge and best practices. For instance, with regard to mitigating climate change through carbon sequestration in soil, preserving water, preventing toxic runoff from entering local waterways, staff training on compost use, available through King County, could be very beneficial.

Not only would individual staff members learn about climate friendly practices for tasks they are already doing in Redmond parks and along Redmond roads, but their awareness and knowledge will likely be shared with other City of Redmond employees, businesses and residents, expanding the impact of that education and training, raising the city's collective awareness around climate.

#033

Posted by **David Morton** on **07/14/2020** at **7:16pm** [Comment ID: 163] - [Link](#)

Type: Suggestion

Agree: 3, Disagree: 0

Financing Energy Efficiency — Identify funding sources for energy-efficiency upgrades of City facilities such as:

- a) an internal Revolving Loan Fund (RLF) to capture savings from efficiency upgrades and fund new projects. See King County loan fund link below,
- b) the King County Green Bonds Program, which supports projects that help combat climate change,
- c) public/private partnerships, and
- d) non-governmental sources.

<https://betterbuildingsolutioncenter.energy.gov/implementation-models/king-countys-financing-tool-reduce-energy-demand>

<https://www.kingcounty.gov/services/environment/stewardship/sustainable-building/green-bonds.aspx>

<https://www.brookings.edu/blog/the-avenue/2016/10/25/green-bonds-take-root-in-the-us-municipal-bond-market/>

Action	Description	Partners	Timeframe
Environmental justice program	Develop an environmental justice program that identifies the communities suffering from environmental burdens, such as air quality hotspots. Explore partners to work with to close the gap on these inequities and reduce burdens.	035 034	➤➤



#034

Posted by **Tom Hinman** on **07/14/2020** at **8:24pm** [Comment ID: 178] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

Incorporate into Neighborhood visioning/plan process suggested elsewhere.

#035

Posted by **David Morton** on **07/14/2020** at **7:30pm** [Comment ID: 166] - [Link](#)

Type: Suggestion

Agree: 5, Disagree: 0

Many people who are familiar with the stench from Watson Asphalt Paving Company are aware of an air quality hotspot downwind from and up to a distance of about a mile from that hot-mix asphalt facility. The community in the area have suffered from that environmental burden for decades. These inequities and burdens should be explored.



Help Us Implement the Plan

Reaching Redmond’s sustainability goals will require action from every individual in our community. Collective action can have a significant impact on lowering the community carbon footprint. The following actions are important steps to reducing emissions.

<p>Consume less meat.</p>	<p>Measure your GHG footprint.</p>	<p>Neighborhood resilience groups. 036</p>
<p>According to the Intergovernmental Panel on Climate Change, eating less meat in your diet can reduce your carbon footprint by up to 35%. Reducing meat consumption is beneficial because livestock management is one of the biggest contributors to global GHG emissions.</p>	<p>You can stay informed by measuring and tracking your own GHG footprint. There are many different tools out there, including The Nature Conservancy’s Carbon Footprint Calculator and UC Berkeley’s CoolClimate Carbon Footprint Calculator.</p>	<p>Connecting with other residents in your neighborhood can increase social cohesion, which is a characteristic of resilient communities. Collective investments and support of local businesses can empower communities to be more resilient to future climate change.</p>
<p>Related action(s):</p> <ul style="list-style-type: none"> • Monitor GHG emissions • K-12 Education 	<p>Related action(s):</p> <ul style="list-style-type: none"> • Monitor GHG emissions • Climate awareness for residents 	<p>Related action(s):</p> <ul style="list-style-type: none"> • Equity commitments • Vulnerability roadmap • Neighborhood resilience hubs • Comprehensive vulnerability planning • Climate awareness for residents • Environmental justice program

#036

Posted by **Tom Hinman** on **07/14/2020** at **8:25pm** [Comment ID: 179] - [Link](#)

Type: Suggestion

Agree: 0, Disagree: 0

Incorporate into Neighborhood visioning/plan process suggested elsewhere.

From: Leah Missik <leah.missik@climatesolutions.org>

Sent: Friday, July 17, 2020 11:03 AM

To: Vanessa Kritzer <vkritzer@redmond.gov>; Vlad Gutman <vlad@climatesolutions.org>; Deepa Sivarajan <deepa.sivarajan@climatesolutions.org>

Cc: Kelly Hall <kelly.hall@climatesolutions.org>; Brian Emanuels <brian.emanuels@climatesolutions.org>

Subject: RE: Reconnecting and Redmond Environmental Sustainability Action Plan

External Email Warning! Use caution before clicking links or opening attachments.

Hi Councilmember Kritzer,

I wanted to follow up on the below meeting times and see if any worked for you. In addition, I wanted to provide some high-level comments on the draft Environmental Sustainability Action Plan, now that I have had a chance to go through it. My thoughts are below.

Transportation

We are glad that the Plan addresses vehicle electrification and reducing Vehicle Miles Traveled (VMT), as both strategies are needed to decarbonize and are complementary of each other. Residents should have the option to safely and conveniently get around without a personal vehicle, and all remaining vehicle travel (personal, transit, freight) will need to be electrified to meet the city's emissions reduction goals.

- Under strategy T1 - Increase the equitable use of non-SOV modes of transportation, such as biking, walking, and public transit – we suggest speed limit reductions, particularly in residential areas and corridors where people will be bicycling, walking, or accessing transit. This is a simple action that will improve safety and comfort for people using modes other than personal vehicles.
- Under strategy T2 - Shift to more efficient and lower-carbon vehicle fuels such as electric – in addition to supporting the Clean Car Standards, we suggest updating to include implementation of the Zero Emissions Vehicle (ZEV) Mandate that passed during the 2020 legislative session. We would also like to see support for passage of the Clean Fuel Standard and its implementation (thank you again for your support on this).
- We are happy to see EV-readiness as an action item. Ensuring that new construction that includes parking can accommodate future EV charging without expensive retrofits is strategic. We see this is currently listed in year 2 of the plan, but we would love to see this happen sooner since it's a practical, fairly simple solution. We have model code language to this effect, if you are interested, and would be happy to support any efforts to pass such an ordinance.
- Regarding municipal fleets, any Green Fleet Purchasing Policy must be ambitious and should stipulate the purchase of electric vehicles unless there is no available electric option for a particular use.

Buildings and energy

Direct use of gas in buildings is increasing, and currently accounts for 11% of Redmond's greenhouse gas pollution. Additionally, combusting gas in buildings causes significant health problems. For example, children living in a home with a gas stove have a [42% greater risk](#) of developing asthma. We are strongly supportive of the plan's inclusion of building electrification alongside efficiency measures. As the plan aptly notes, given the longevity of infrastructure, actions need to be taken in the near-term to ensure deep and longer-term emissions reduction.

- For this reason, we suggest updating the action for "new city building certification." We support a policy stipulating that new municipal buildings be constructed to a minimum certification level, but just as important, these buildings should also be all-electric. This is an opportunity for the city to lead by example, especially given the other important actions listed regarding building electrification.

- We strongly support the building electrification measures listed in the plan under strategy B3. These are all crucial actions for decarbonization and for our health. We suggest accelerating the timelines for these items, particularly for the all-electric new construction item, which is currently associated with the 10+ years timeframe. As noted in the plan, we need to take near-term actions regarding new construction given that choices we make in development today will have impacts for decades. Furthermore, jurisdictions around the country are already taking this action, and there are Washington cities that are poised to do the same. Climate Solutions would be eager to work with you on this point.
- We are very supportive of the “fuel switching contractor training” action item. Building electrification presents an opportunity for local, green jobs. We want to ensure that there is a just transition for workers, and that jobs in this space are high-quality, protected, well-paying, and are accessible to people from marginalized communities. We urge you to target these communities and workers who need to transition with these programs.

Overall, we are impressed with the plan and are particularly excited about the elements detailed above. I also want to note that it will be important to ensure that the benefits from these actions are shared and equitably felt. The “environmental justice program” action is important, and co-developing it with impacted communities and environmental justice organizations is crucial. We suggest accelerating the timeline on this action as well, as its implementation can help guide further actions taken by the city.

Thanks again for sending along the draft plan. I would be interested to hear how it is being received. Sorry I could not tune into the council study session. Please feel free to let me know if you have any questions. I would love to further discuss the plan as well as hear from you what you’re working on and how we can help.

Best,

Leah Missik | WA Transportation Policy Manager

[Climate Solutions](#) – Accelerating Clean Energy Solutions to the Climate Crisis
w: 206.454.3176 | c: 859.583.1054 | she her hers

[ClimateCast](#) | [Facebook](#) | [Twitter](#)

From: **Danielle Shaw (WCV)** <danielle@wcvoters.org>

Hi Vanessa,

Great to connect last week. Following up with some information I promised at the end of our call:

1. Redmond's Environmental Action Plan Targets

- Redmond's current draft targets are aligned with K4C – which makes complete sense for when this draft was started. However, the K4C targets set around 2014 are quickly growing out of date – the legislature passed updated climate goals this 2020 session and King County is currently working to update their county-wide goals through the Strategic Climate Action Plan (SCAP) process this year as well.
- So while the K4C emissions reduction goal is 80% by 2050, the [state's updated limits](#) are now net zero by 2050.
- We're also meeting with Rachel Brombaugh (acting Director for King County Exec's Climate and Energy Initiatives) who is leading the 2020 SCAP project to develop a Climate Action Toolkit available to all King County cities. But the big take away we already know – one priority action in the 2020 SCAP is to commit the County to partner with the 39 cities to analyze pathways to update the existing targets, including working with partners to adopt a new shared carbon neutral target.
- All to say – Redmond Council's push for net zero target in the plan is a great idea and aligns with what else is going on in King County and Washington State.

2. Racial Equity

- Environmental action plans and climate action plans should be considered a potential tool for local anti-racist resilient recovery; Climate-smart outcomes and equitable outcomes should be indistinguishable.
- As Redmond develops a racial equity tool to review policies as you mentioned – that tool should be immediately used to review this plan. As a living document over the next 30 years, it's important to keep evolving even if that racial equity tool is not ready to use till after this plan is finalized.

3. Community Engagement – something WCV and WEC have been thinking about a lot, especially during this time of so much virtual engagement, and thinking which will continue to evolve as we learn more

- As Redmond’s citizen advisory committee for the EAP continues their work, it’s critical for success of the plan to keep asking how is the community centered in the plan:
 - (1) Who’s voice are being heard? Are any youth voices at the table? Do the demographics of citizen forum participants or the advisory committee match the demographics of Redmond, and are specifically elevating the most impacted by these actions – such as those who rent; those who rely on public transit; those with limited means to cover rising costs of utilities, healthcare, etc; those most vulnerable to pollution and health disparities
 - (2) Are there barriers to engagement? Are day of week and time of day considerations made for accessibility, even rotating between different days and times to try and reach more folks? Is daycare and food provided or even compensation? Are written documents translated? Are spaces inviting or is there a culture that you have to have some expertise to contribute?

Of course you all know your community best and will have ideas that make the most sense for your community. But it something we should all be challenging ourselves on, especially in these very virtual-heavy times.

Lastly, I will shoot you another email next week related to life cycle analysis of building materials. I mentioned that our policy lead, Max Webster, has been doing a lot of work on this issue and has been working with a northwest coalition – both of which could be great resources for Redmond. Max is out of town right now but, when he gets back next week, I’ll follow-up.

Hopefully this is helpful, but let me know if you have any questions. Have a wonderful weekend!

Best,

Danielle

Danielle Shaw • Government Affairs Manager

206.631.2627 • danielle@wcvoters.org

Pronouns: she, her, hers ([learn more](#))

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Join us on October 7! [Register today.](#)

July 2020 Online Open House - Share Your Feedback Survey Responses

Serial	Please rate your level of support for the draft Redmond Environmental Sustainability Action Plan.	How invested should Redmond be in implementation of the Environmental Sustainability Action Plan? Please select the option that best matches your view.	Redmond is exploring options for funding implementation of the Environmental Sustainability Action Plan. Options include possible increases to utility and property taxes. How much would your household be willing to pay to implement the actions	Would you like to be involved in the planning process for the Environmental Sustainability Action Plan? Please select all that apply.				Please enter your email address if you are interested in email updates (optional).
				Yes, I will visit the website to stay up-to-date	Yes please sign me up for email updates (please enter email address below)	Yes, I would like to attend another online/virtual community event	No, I am not interested in further involvement	
4	Somewhat support	Neutral: Redmond should be consistent with other Washington communities and their investment in sustainability	\$100 to \$200 per year	X	X	X		tommarki@nelrem.com
5	Somewhat support	Very invested: Redmond should be a national leader in sustainability, no matter the cost	\$200 to \$300 per year	X	X	X		nshimeall@gmail.com
6	Strongly oppose	Very invested: Redmond should be a national leader in sustainability, no matter the cost	\$200 to \$300 per year	X	X	X		brian@tosch.com
7		Moderately invested: Redmond should lead other Washington communities in sustainability, even if it costs more	\$200 to \$300 per year					
8		I would not be willing to pay					X	
9	Strongly support	Very invested: Redmond should be a national leader in sustainability, no matter the cost	\$200 to \$300 per year		X			duvallfowler@gmail.com
10	Strongly support	Very invested: Redmond should be a national leader in sustainability, no matter the cost	\$50 to \$100 per year	X				
11	Strongly support	Very invested: Redmond should be a national leader in sustainability, no matter the cost	\$200 to \$300 per year	X	X	X		shellybowman@hotmail.com
12	Strongly support	Neutral: Redmond should be consistent with other Washington communities and their investment in sustainability	\$200 to \$300 per year			X		
13	Strongly support	Very invested: Redmond should be a national leader in sustainability, no matter the cost	\$200 to \$300 per year	X	X	X		davidwardmorton@yahoo.com
15	Strongly support	Very invested: Redmond should be a national leader in sustainability, no matter the cost	\$200 to \$300 per year	X	X	X		davidwardmorton@yahoo.com
16	Strongly support	Very invested: Redmond should be a national leader in sustainability, no matter the cost	\$200 to \$300 per year	X	X	X		davidwardmorton@yahoo.com
17	Somewhat support	Moderately invested: Redmond should lead other Washington communities in sustainability, even if it costs more		X	X	X		qclark@mbaks.com
18	Strongly support	Very invested: Redmond should be a national leader in sustainability, no matter the cost	\$200 to \$300 per year	X	X	X		rachelamolloy@gmail.com
19	Somewhat support				X			ivesredmond@aol.com
20	Strongly support	Very invested: Redmond should be a national leader in sustainability, no matter the cost	\$200 to \$300 per year	X	X	X		devonkelloqq@gmail.com

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21	Strongly support	Very invested: Redmond should be a national leader in sustainability, no matter the cost	\$100 to \$200 per year		X				rod-1974@outlook.com
22									
23	Somewhat oppose -								
24	Redmond seems love bikes and bike lanes. If we have them we need to make sure riders follow rules. It's hard to support more when there is no enforcement of current rules	Neutral: Redmond should be consistent with other Washington communities and their investment in sustainability	I would not be willing to pay					X	
25	Strongly support	Moderately invested: Redmond should lead other Washington communities in sustainability, even if it costs more	\$200 to \$300 per year		X		X		aspenlb@msn.com
26	Strongly support	Very invested: Redmond should be a national leader in sustainability, no matter the cost	\$200 to \$300 per year				X		
27	Somewhat support	Moderately invested: Redmond should lead other Washington communities in sustainability, even if it costs more	\$100 to \$200 per year		X				
28	Strongly support	Very invested: Redmond should be a national leader in sustainability, no matter the cost	\$50 to \$100 per year		X				
29	Somewhat support	Moderately invested: Redmond should lead other Washington communities in sustainability, even if it costs more	\$1 to \$50 per year		X				
30	Strongly support	Very invested: Redmond should be a national leader in sustainability, no matter the cost	I would not be willing to pay		X				
31	Strongly support	Moderately invested: Redmond should lead other Washington communities in sustainability, even if it costs more	\$1 to \$50 per year		X	X			shute.heather@gmail.com
32	Strongly support	Moderately invested: Redmond should lead other Washington communities in sustainability, even if it costs more	\$100 to \$200 per year					X	
33	Strongly support	Very invested: Redmond should be a national leader in sustainability, no matter the cost	\$200 to \$300 per year				X		

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35	Strongly support	Very invested: Redmond should be a national leader in sustainability, no matter the cost	\$100 to \$200 per year	X	X	X			lactive@gmail.com
36		Very invested: Redmond should be a national leader in sustainability, no matter the cost	\$200 to \$300 per year					X	
37	Strongly support	Very invested: Redmond should be a national leader in sustainability, no matter the cost	\$200 to \$300 per year		X				reqina.ball@hotmail.com
38	Somewhat support	Very invested: Redmond should be a national leader in sustainability, no matter the cost	\$50 to \$100 per year	X					
39	Strongly support	Very invested: Redmond should be a national leader in sustainability, no matter the cost	\$200 to \$300 per year	X	X				jaeqeller@live.com
40	Neutral	Moderately invested: Redmond should lead other Washington communities in sustainability, even if it costs more	\$50 to \$100 per year			X			aslaizans@live.com.au
41	Strongly support	Very invested: Redmond should be a national leader in sustainability, no matter the cost	\$1 to \$50 per year			X			oberdp@comcast.net
42	Strongly support	Very invested: Redmond should be a national leader in sustainability, no matter the cost	\$200 to \$300 per year	X					
43	Strongly support	Very invested: Redmond should be a national leader in sustainability, no matter the cost	\$200 to \$300 per year	X					
44	Somewhat support	Very invested: Redmond should be a national leader in sustainability, no matter the cost	\$200 to \$300 per year	X	X	X			levica99@gmail.com

July 2020 Online Open House - Share Your Feedback Survey Responses

Serial	Do you have any additional feedback on the Plan? Are there any additional actions that should be included in the Plan?	Which of the following best describes you? Choose all that apply								Which of the following best represents your racial or ethn						
		Own, rent, or live in Redmond	Business Owner	Work in Redmond	Student	Retired	Other	Please specify:	Which neighborhood best describes where you live?	In what city do you live?	African American	Asian American/Pacific Islander	Arab American	Latinx	Native American	White/Caucasian
4			X	X				Downtown								X
5																
6		X	X	X				Idylwood								
7		X						Overlake								X
8		X						Downtown								X
9		X						Idylwood								X
10		X						Overlake								
11		X						Grass Lawn								X
12		X				X		Overlake								X
13	<p>Actions that must be included in the Plan:</p> <p>Existing Commercial Buildings Performance Standards -- For buildings over 20,000 sq. ft., establish energy performance standards per square foot, including maximum greenhouse gas emissions, for existing commercial buildings. Target a future date (e.g. 2030) for city-wide conformance with the standards. Set maximum allowed energy consumption levels at least ten percent lower than the federal 2012 CBEC average energy consumption level for the appropriate building type. Consider tightening standards further in the future (e.g. 2040). For commercial buildings under 20,000 sq.ft., set up similar standards to be enforced at time of resale.</p> <p>Existing Residences Performance Standards -- Establish energy performance standards per square foot, including maximum greenhouse gas emissions, for existing single family and multifamily residences. Target a future date (e.g. 2025) for city-wide conformance with the standards at the time of building resale. In addition, whether at time of resale or not, implement prescriptive clean energy equipment requirements for the end of life replacement of furnaces and hot water heaters; enforce these through required replacement permits. Also, include prescriptive minimum requirements for roof/attic insulation levels at the time of a roof replacement; enforce these through required roof replacement permits.</p> <p>New Commercial Building Performance Standards -- Establish energy performance standards for new commercial building construction and major renovations. Prohibit the use of fossil fuel sources for space and hot water heating. Publicize, incentivize and publicly recognize high level certification achievements such as LEED Platinum or equivalent. Consider requiring such certification.</p> <p>HFC Regulations -- Establish regulations for the use and disposal of hydrofluorocarbons (HFCs), and for routinely scheduled assessment and fixing of HFC leaks in refrigerators, air conditioners, heat pumps and other refrigeration equipment.</p> <p>Transportation Demand Management Program -- Implement comprehensive Transportation Demand Management (TDM) programs. http://mrcs.org/Home/Explore-Topics/Transportation/Congestion-and-Mobility/Transportation-Demand-Management.aspx a) Integrate TDM standards into the city Comprehensive Plan. b) Implement a TDM program for schools to reduce auto congestion. https://kingcounty.gov/depts/transportation/metro/employer-programs/commute-trip-reduction.aspx https://www.wsdot.wa.gov/transit/ctr/rules-policy https://www.goredmond.com/regulations</p> <p>Regional Transportation Plan (RTP) -- Work with other local governments and the Puget Sound Regional Council (PSRC) to: (a) Establish carbon emission reduction targets for transportation and land use. (b) Agree on methods used to estimate carbon emissions. (c) Work with King County staff to refine the regional travel demand model for motorized and non-motorized transportation.</p>	X					X	I live 3 blocks outside of Redmond and I provide senior care to a Redmond resident.	I don't live in Redmond	I don't live in a city. I live in a rural area 3 blocks outside of Redmond in unincorporated King County.						
15				X				I live 3 blocks outside of Redmond and I provide senior care to a Redmond resident.	I don't live in Redmond							
16				X				I live 3 blocks outside of Redmond and I provide senior care to	I don't live in Redmond							
17				X												X
18	<p>For me to be carbon neutral for our household currently, it costs about \$300/month. Most of our emission reduction efforts have SAVED up money and paid for themselves in the efficiency savings. What is terribly missing is the mention of land use decisions. Land use decisions are at the very heart of all the other sub sections and is the driver. If the City is authentic about "sustainability" if the City is willing to act ethically, it must move away from the "grow, grow, grow" mantra of the past 12 years. It is foolish to think that Redmond can continue to grow as it has over the past decade and be sustainable at the same time. Sustainability means to me that we need to make drastic changes now if we want to have a livable future. I find a 40 year horizon not compelling --something shorter would send a clearer message about what is important and urgent to do NOW> I am thrilled to see Redmond focused on this critically important effort to reduce our GHG emissions. I hope this plan can become a reality at an even faster pace than described if at all possible. According to #IPCC SR1.5 a 20 year timeline to Zero emissions is crucial to our chances of avoiding dangerous global tipping points. I would love to know how to best support this effort. I am a mom, PTSA member, and soon to be a Climate Reality Leader. I am involved with PTSA child advocacy / lobby events and local LWSD Green Teams. Please let me know how I can help.</p>	X														X
19						X										
20		X		X					I have 2 kids in LWSD.							X

July 2020 Online Open House - Share Your Feedback Survey Responses

Serial	Do you have any additional feedback on the Plan? Are there any additional actions that should be included in the Plan?	Which of the following best describes you? Choose all that apply								Which of the following best represents your racial or ethn					
		Own, rent, or live in Redmond	Business Owner	Work in Redmond	Student	Retired	Other	Please specify:	Which neighborhood best describes where you live? In what city do you live?	African American	Asian American/Pacific Islander	Arab American	Latinx	Native American	White/Caucasian
21	More buildings = more cars = more traffic. There are buildings enough. Has there been a comprehensive analysis of the city's "carrying capacity?" It seems that such data would be the first step in identifying some basic facts about the city. I believe that communities are for its people. The city's primary objective should be to improve the quality of life for its residents. This ESAP should be all about ensuring that Redmond does not get overdeveloped, overbuilt, over populated and that its environment is not overstressed. Redmond and others in the region have spent most of its resources always focusing on accommodating whatever growth wants to occur when it wants to rather than on maintaining "the present" and making tough decisions to assure that the quality of life is not only maintained but be improved. What happened to the promise that "growth would pay for growth?" That has not been the case! Redmond has never passed the true costs onto developers. The result is that the people of Redmond end up paying more than their fair share and quality of life has deteriorated significantly in the last 10 years. Redmond is "urban sprawl" vertically. Because of the City's land use decisions, people living in our urban centers get less clean air, more CO2 emissions, less environmental aesthetics as in contrast to the people living in a single family neighborhood. The people of Redmond are "development fatigued" and "see it for what it is--a bad trade off." The City's public outreach is a charade...people don't believe that the city really wants their input. And frankly, so many of the surveys that the city has done in the last decade are "push pull" surveys that set respondents up to answer the way the City wants them to. And frankly, to participate in the "open house" on sustainability it took lots of time to basically react to the written word... But what is terribly missing is that there was/is no conversation...no real exchange of information and ideas. The City has a timeline and is pushing through it regardless of the public feeling disenfranchised. It will be interesting to see the actual number of participants in the open house who are not stakeholders or city officials.	X		X				Bear Creek				X			X
22	Much is dependent upon the decisions made by Redmond's elected leaders. Former Mayor Rosemarie Ives in 2005 signed onto the historic United States Mayors Climate Accord in support of the Kyoto Protocol treaty. At that same time, she was appointed to chair the US Conference of Mayors Taskforce on Sustainable Development because the City of Redmond under her leadership going back to 1992 had a track record for advancing and supporting strong environmental initiatives before being "green" became politically correct. Unfortunately, since 2008 the City leaders have chosen "symbolic" but ineffective policies. I hope that the ESAP will be a step in a better direction. However, the fact that any actions around land use are absent is seriously suspect. So many of the actions remind me of the little boy putting his finger in the hole in the dam...stopping the flow but never examining and addressing the root cause of the problem/crisis. City officials have "talked" green but seldom "walked the talk." The City has allowed unbridled growth where emissions have increased, traffic gridlock is worse than ever, significant and landmark trees have been clearcut, costs of living in Redmond have skyrocketed forcing long time residents to move out of town. The City has seemed to abandon metrics that truly measure levels of service. It feels like staff is focused on doing the task at hand with little if any consideration of what does the task mean for the people of Redmond and the common good.														
23															
24	Do not tax us more for this plan. Find funds you currently have.	X						Education Hill							
25	I so appreciate that the city of Redmond has taken these steps toward addressing sustainability. I hope that the city will take the next step and implement all of these actions. Thank you for all of the time and energy you've put into this plan! I really like the format for providing feedback. I have one more question. I thought Redmond had a fair amount of farmland... is that not true? I don't see regenerative/sustainable agriculture addressed in this plan. According to Paul Hawken, Zach Bush and others, regenerative agriculture and a more localized, sustainable food system have the potential to address climate change (and environmental justice issues) significantly. Can this be addressed?	X				X		Education Hill							X
26	Thank you so much! As a side note - you left out a decade in your question "In which decade were you born?" I was born in 1972, but that's not listed.						X	I don't live in Redmond	Kirkland						X
27				X				I don't live in Redmond	Lake Stevens						X
28		X						North Redmond		X					
29		X	X	X				Education Hill							X
30															
31		X						Bear Creek							
32		X						Willows & Rose Hill							X
33								Idylwood							X

July 2020 Online Open House - Share Your Feedback Survey Responses

Serial	Do you have any additional feedback on the Plan? Are there any additional actions that should be included in the Plan? <small>(Additional actions that should be included in the Plan)</small>	Which of the following best describes you? Choose all that apply								Which of the following best represents your racial or ethn						
		Own, rent, or live in Redmond	Business Owner	Work in Redmond	Student	Retired	Other	Please specify:	Which neighborhood best describes where you live? do you live?	In what city do you live?	African American	Asian American/Pacific Islander	Arab American	Latinx	Native American	White/Caucasian
	Climate Impacts Reduction -- Require every city department to regularly assess the impacts of all City policies and actions on climate change. Take action to reduce negative impacts.															
	Climate Change Readiness -- Include climate change preparedness in all City operations, land use programs and decision-making, and monitor effectiveness.															
	Renewable Energy -- Purchase or generate 100 percent of all electricity required for City operations from renewable sources.															
	Lighting Upgrades -- Implement energy-efficient outdoor lighting, including light emitting diodes (LED) and dimming technologies when appropriate. Convert all street lights to LEDs. Use Dark Skies best practices when possible to reduce light pollution and minimize bird strike hazards. Avoid using LEDs that shine white to blue as they are harmful to wildlife. Yellow, amber or green hues are best. https://www.darksky.org/light-pollution/light-pollution-solutions/ https://www.sciencedaily.com/releases/2018/06/180612090618.htm															
	City Building Performance Tracking -- Require energy benchmarking of city facilities and calculate Energy Star scores. Technical help is available from the Smart Buildings Center. https://www.smartbuildingscenter.org/															
	Sustainable "Green" Building -- Target net-zero energy use by implementing "green" building policies for new city buildings and major retrofits. Require clean energy, low-carbon footprint, and ultra-high efficiency in new government buildings. Consider LEED platinum certification or better. https://www.usgbc.org/leed							I live 3 blocks east of Redmond, I provide senior care to a Redmond resident, and I'm a forest steward at Redmond's Martin Park.		I don't live in a city. I live in a rural area 3 blocks outside of Redmond in unincorporated King County.						
34	Renewable Electricity Supply -- Work to shift the electricity mix to 100% clean renewable power city-wide. a) Seek the cooperation of local utilities and the Washington Utilities and Transportation Commission in the pursuit of all carbon-free sources of energy as			X		X	X									
35		X								North Redmond						X
36		X								Education Hill						X
37	Thanks for making this a priority. My 13 year old daughters future depends on a healthy planet. Be bold and lets make a real impact.	X								Willows & Rose Hill						X
38	I volunteer for the Redmond Community Wildlife Habitat Team and our team would like to get involved to help with projects and educational outreach. Please contact us at RedmondCWHTeam@outlook.com so we can be of assistance.	X								Education Hill						
39	Including specifics for increasing wildlife habitat with native plants would be awesome!	X		X						Grass Lawn						X
40	If there is any way to re-allocate existing funds--that is shift budget priorities in favor of environmental sustainability without hitting taxpayers hard--that would be preferable.	X								Education Hill						X
41	Assist with solar collection and power buy back. Look into Vehicle to Grid buy back. Create incentives for electric vehicle ownership	X								Grass Lawn						X
42	We need to do this for our children's futures! Please promote the cost-saving aspects of climate actions.	X		X						Education Hill						
43	For the sake of ease of understanding and transferability to other cities, standard models of sustainability and the appropriate vernacular for their discussion should be further incorporated into the action plan. Sustainability is not only environmental, but social, economic, and more. If we are to set an example for other cities regionally and nationwide, we should do so using totally up-to-date language and organization of sustainability. Further, I'd like to see much more effort in the outreach involved in this plan. One of Redmond's greatest strengths is the incredible knowledge of its residents, and naturally, I'm sure the pandemic has complicated outreach efforts (typically I'd expect a booth at Derby Days or something) but Redmond has a history of failing to consider true stakeholder perspectives (remember when we were planning to fuse the senior center, teen center, community center, and aquatic facility?). There should be specific outreach efforts to every demographic through partnerships with local community organizations (such as MAPS and the Firehouse Teen Center) and a very strong advertisement campaign that extends beyond social media. Especially now that so many people (like me, a student studying sustainability) are at home and without much to do, I'm sure many of us Redmonders are willing and excited to contribute!	X		X						Education Hill						X
44	Finally, we shouldn't be afraid to push the city to really lead on this issue. Redmond has a history of bending to corporate interests and acting slowly on progressive policy. This is a great opportunity to thwart that legacy and begin a new one! Beginning with some policies that hold big polluters and emitters accountable instead of extraneously attempting to change the behavior of regular folks.	X					X			Southeast Redmond						X

July 2020 Online Open House - Share Your Feedback Survey Responses

Serial	Other	I prefer not to say	Other (please specify):	In which decade were you born?	Is there any additional information about the draft plan that you would like translated?
4				Before 1950	
5					
6					
7				1960-1969	
8				1950-1959	
9				1960-1969	
10		X		I prefer not to say	
11				1960-1969	
12				Before 1950	
13	X		European American	1950-1959	
15	X		European American	1950-1959	No
16	X		European American	1950-1959	
17					No
18				1970-1979	No
19				Before 1950	No
20				1960-1969	No

Serial	Other	I prefer not to say	Other (please specify):	In which decade were you born?	Is there any additional information about the draft plan that you would like translated?
34	X		European American	1950-1959	No
35				Before 1950	No
36				1970-1979	No
37				1960-1969	No
38		X		1960-1969	No
39				1960-1969	
40				1970-1979	No
41				Before 1950	No
42		X		1960-1969	No
43				1970-1979	No
44				1990-2000	No