

Bend Community Climate Action Plan 2025 Update						
Strategy/Action	Context & Considerations	Lead Implementation Partner	2020-2050 Cumulative GHG Reductions	Modeling Assumptions	Cost per 1 MT CO2e of Reduction (Parentheses indicate a cost savings)	Cobenefits
ENERGY SUPPLY						
ES1 - Provide 100% renewable electricity supply to the community			12,120,000 (Local)	80% renewable grid energy by 2030, 100% renewable grid energy by 2040		Economic Viability: 5 Affordability: 2.5 Supports the natural environment: 7.5 Community health and safety: 5 Adaptation and resilience: 2.5 Social equity: 2.5
Ensure compliance with clean energy targets established for investor-owned utilities in House Bill 2021 by following utilities progress and advocating as opportunities occur if progress is not on track	The City will also track cost of electricity and advocate for actions that mitigate against significant cost increases in electricity rates	City of Bend				
Engage with Central Electric Cooperative to better understand their resource planning and identify opportunities to encourage clean energy supply	The City will also track cost of electricity and advocate for actions that mitigate against significant cost increases in electricity rates	City of Bend				
ES2 - Reduce emissions associated with reliance on and usage of natural gas and other fossil fuels			3,384,000 (Local)	1,236,526 therms annual reduction	Not estimated	Economic viability: 7.5 Affordability: 5 Supports the natural environment: 5 Community health and safety: 10 Adaptation and resilience: 2.5 Social equity: 0
Develop policies to limit fossil fuel use in new construction	Policies will consider and take into account energy costs to mitigate against increases in energy burden	City of Bend				
Develop policies to phase out gas appliances and reduce with electric in homes and commercial buildings	Policies will consider and take into account energy costs to mitigate against increases in energy burden	City of Bend				
Develop policies to phase out gas lawn equipment and reduce with electric		City of Bend				
ES3 - Encourage solar and other renewable energy generation on residential and commercial buildings			640,000 (Local)	658 MW new solar rooftop capacity by 2050		Economic viability: 7.5 Affordability: 5 Supports the natural environment: 2.5 Community health and safety: 2.5 Adaptation and resilience: 2.5 Social equity: 2.5
ES3A - Increase community education about renewable energy and available incentives		City of Bend, Community Organizations				
ES3B - Develop and deliver education programs targeted at builders, developers, and contractors focused on renewable energy, energy storage, and available incentives		City of Bend, Community Organizations				
ES3C - Support and expand local workforce development programs in renewable energy trades		Community Organizations				
ES3D - Develop programs that encourage residents and businesses to pursue renewable energy and energy storage projects, including leveraging existing federal and state programs	As of 2025, existing federal programs include those started by the Inflation Reduction Act and the Greenhouse Gas Reduction Fund	City of Bend, Community Organizations				
ES3E - Create new incentives to expand renewable energy project, including financing options, expediting permitting processes, and other financial and non-financial incentives to expand renewable energy project financing options and other financial and non-financial incentives to expand renewable energy projects	Note: Combined ES3B and ES3F as they were just multiple subtypes of incentivization	City of Bend				
ES4 - Pursue local renewable energy generation			77,000 (Local)	Install 1400 kW in-conduit capacity by 2025, 2200 kW of community solar by 2027, 658,000 therms annually of RNG from wastewater biogas by 2028	(\$250)	Economic viability: 7.5 Affordability: 5 Supports the natural environment: 2.5 Community health and safety: 2.5 Adaptation and resilience: 2.5 Social equity: 2.5
ES4A - Investigate and pursue opportunities for renewable energy generation at the water reclamation facility, the water filtration facility, and other areas of the water distribution system		City of Bend				
ES4B - Support the development of community solar projects locally that residents can subscribe to for access to off-site renewable energy		City of Bend, Community Organizations				
ES4C - Pilot microgrid and battery storage projects powered by renewable energy that can operate independently of the energy grid		City of Bend				
ES4D - Explore the potential for district energy projects		City of Bend, Utilities				
ES4E - Participate in advocacy to reduce regulatory barriers for local renewable energy development		City of Bend				
ES5 - Lead by example by decarbonizing City facilities			21,000 (Local)	1,200 kW add-on capacity of solar on Juniper Ridge Public Works Building and new City Hall	(\$1,300)	Economic viability: 2.5 Affordability: 5 Supports the natural environment: 2.5 Community health and safety: 7.5 Adaptation and resilience: 2.5 Social equity: 2.5
ES5A - Install solar panels on public buildings to demonstrate public sector leadership to meet the energy demand of the buildings		City of Bend				
ES5B - Build and retrofit City facilities to be all electric or otherwise avoid fossil fuel use		City of Bend				
ENERGY IN BUILDINGS						
EB1 - Support policies that reduce greenhouse gas emissions of buildings			Not Scaled Separately - Aligned with ES2		Not Estimated	Economic viability: 7.5 Affordability: 5 Supports the natural environment: 7.5 Community health and safety: 10 Adaptation and resilience: 2.5 Social equity: 2.5
EB1A - Participate in code update processes and vote for advancing energy efficiency in codes		City of Bend				
EB1B - Support state legislation that aligns with CCAP goals and actions and support local implementation of statewide laws and programs		City of Bend				
EB2 - Encourage upgrades in residential and commercial buildings that promote energy efficiency and reduce greenhouse gas emissions			506,000 (Local)	5.4% annual reduction in energy use through 2032, then 5.3% annual reduction in energy use through 2050	(\$10) - \$0	Economic viability: 7.5 Affordability: 10 Supports the natural environment: 5 Community health and safety: 2.5 Adaptation and resilience: 2.5 Social equity: 7.5
EB2A - Increase community education on energy efficiency tools and available incentives		City of Bend, Community Organizations				
EB2B - Develop and deliver outreach and education on high performance building topics and available incentives targeted at builders, developers, and contractors		City of Bend, Community Organizations				
EB2C - Support and expand local workforce development programs in energy trades		Community Organizations				
EB2D - Develop programs that encourage residents and businesses to pursue energy efficiency, electrification, and other emissions reductions upgrades	An example program is an Energy Navigator Program.	City of Bend, Community Organizations				
EB2E - Identify barriers to expanding energy efficiency and electrification projects in residential and commercial buildings and create incentives to address those barriers, including financing options, permitting processes, and other financial and non-financial incentives	Note: Combined EB2C and EB2F as they were just multiple subtypes of incentivization	City of Bend				
EB2F - Promote energy efficiency and load management through smart controls and demand response participation		City of Bend, Community Organizations				
EB3 - Implement benchmarking and disclosure programs and building performance standards			190,000 (Local)	5% additional achievable efficiency gains developed each year from 2025-2034	\$0 - \$150	Economic viability: 7.5 Affordability: 5 Supports the natural environment: 5 Community health and safety: 2.5 Adaptation and resilience: 2.5 Social equity: 2.5
EB3A - Explore creating a City-specific building performance standard that expands upon implementation of the statewide building performance standard		City of Bend				
EB3B - Support and expand low cost energy audit programs		City of Bend, Community Organizations				
EB4 - Promote smaller homes and denser housing options through incentives			211,000 (Local)	Average size of homes is 1,600 sq. ft.	(\$750)	Economic viability: 5 Affordability: 7.5 Supports the natural environment: 5 Community health and safety: 2.5 Adaptation and resilience: 0 Social equity: 2.5
EB4A - Develop incentives that encourage private developers to build smaller housing options		City of Bend				
TRANSPORTATION						
T1 - Encourage community-wide electric vehicle adoption			3,740,000 (Local)	19% of all household vehicles are EVs by 2030, 95% of all household vehicles are EVs by 2050	(\$10) - \$75	Economic viability: 5 Affordability: 5 Supports the natural environment: 5 Community health and safety: 7.5 Adaptation and resilience: 0 Social equity: 2.5
T1A - Expand access to communitywide public charging		City of Bend, Community Organizations				
T1B - Expand access to charger for people who live in multiunit developments		City of Bend, Community Organizations				
T1C - Expand workplace charging		City of Bend, Community Organizations				
T1D - Conduct outreach and education to promote electric vehicle adoption		City of Bend, Community Organizations				
T2 - Encourage bike and pedestrian travel			560,000 (Local)	25% of all household trips are bicycled by 2050	(\$10)	Economic viability: 2.5 Affordability: 10 Supports the natural environment: 5 Community health and safety: 7.5 Adaptation and resilience: 0 Social equity: 5
T2A - Prioritize Bend's Bike, Pedestrian, and Complete Streets policies in the Transportation System Plan. These policies include expanding bike and pedestrian infrastructure		City of Bend				
T2B - Prioritize TSP projects and programs that develop safe alternate routes to schools		City of Bend				
T2C - Improve safety based on crash analysis data by implementing projects and programs in the Transportation Safety Action Plan	Example projects from the TSP include education, physical project improvements, and a crash review board	City of Bend				
T2D - Expand bicycle parking including at mobility points and other key destinations		City of Bend				
T3 - Increase transit ridership			15,000 (Local)	Increase transit service by 50% and increase ridership by 2% by 2040		Economic viability: 7.5 Affordability: 7.5 Supports the natural environment: 5 Community health and safety: 2.5 Adaptation and resilience: 2.5 Social equity: 7.5
T3A - Work with partners to create a Mobility Hub program to improve access to a wide range of travel options and support multimodal tripchains	Mobility Hubs combine multiple modes of transportation in one physical location, often clustered around high-frequency public transit topics. Typical components include carshare stations, bike parking, and wayfinding elements.	City of Bend, Other public agencies				
T3B - Support future high capacity transit corridors and future transit use through City actions such as preserving existing rights of way on city roadways and rezoning for higher land use density		City of Bend				
T3C - Support the expansion of transit services coordinated with the regional transit master plan		City of Bend, Other public agencies				
T3D - Collaborate actively with Cascades East Transit to promote transit use such as providing new infrastructure to support transit stops, promoting transit use through City channels, and aligning City planning and Cascades East Transit planning		City of Bend, Other public agencies				
T3E - Support use of transit to recreational destinations, such as the ski resort		City of Bend, Other public agencies				
T4 - Promote the use of carpooling and vanpooling			51,000 (Local)	Double rate of car/vanpooling by 2030, to 20% of work-related trips, further increase car/vanpooling by 10% per year from 2030 to 2040	(\$600)	Economic viability: 2.5 Affordability: 10 Supports the natural environment: 5 Community health and safety: 2.5 Adaptation and resilience: 0 Social equity: 5
T4A - Encourage carpooling in City and community events		City of Bend, Community Organizations				
T4B - Partner with large employers to promote carpooling and vanpooling for daily commutes		City of Bend, Community Organizations				
T5 - Lead by example by converting fleet vehicles to electric and alternative fuel vehicles			11,000 (Local)	All gas powered city fleet vehicles are converted to EV and all fleet diesel is replaced by H99 diesel by 2030	(\$200) - \$75	Economic viability: 2.5 Affordability: 5 Supports the natural environment: 5 Community health and safety: 7.5 Adaptation and resilience: 0 Social equity: 2.5
T5A - Convert City fleet to electric and alternative fuels where there is a technically feasible alternative		City of Bend				
T6 - Use land use policy and transportation planning to encourage VMT reduction			246,000 (Local)	Accommodate all forecast population growth within current UBG (including planned expansion)	Not estimated	Economic viability: 2.5 Affordability: 5 Supports the natural environment: 5 Community health and safety: 7.5 Adaptation and resilience: 0 Social equity: 5

S4 - When creating and amending land use plans, such as the Comprehensive Plan, Transportation System Plan, and Refinement Area Plans, create policies and strategies that promote walking, biking, and transit use T8 - Make land use changes to promote walking, biking, and transit use by implementing policies from land use plans to build complete communities T6C - When City designates Climate Friendly Areas, identify and pursue additional opportunities to increase housing and multimodal options for transportation and connectivity T6D - When amending the Transportation System Plan, do not prioritize projects that increase VMT	City of Bend City of Bend City of Bend City of Bend				Economic vitality: 5 Affordability: 0 Supports the natural environment: 2.5 Community health and safety: 2.5 Adaptation and resilience: 0 Social equity: 0
T7- Establish financial incentives to drive behavior change in transportation T7A - Identify and implement additional paid parking districts T7B - Expand the use of TDM program for large employers through incentives T7C - Continue to explore a city gas tax as a funding tool	City of Bend City of Bend City of Bend	Not Estimated	Not estimated	Not estimated	Social equity: 0
MATERIALS & WASTE					
W1- Improve waste recovery through recycling W1A - Improve recycling at multifamily residences by ensuring multifamily development offer recycling services and have adequate infrastructure to encourage recycling W1B - Improve multfamily recycling by expanding and improving outreach and education at multifamily buildings W1C - Develop a recycling and waste reduction program targeting tourists, including hotel and resort communities W1D - Work with Deschutes County and waste haulers to address contamination in recycling through outreach and education W1E - Develop new programs to recover specific materials that contributes the greatest portion of the waste stream W1F - Support the expansion of solid waste infrastructure and facilities needed to increase waste recovery and meet the long-term needs of the solid waste system, in partnership with Deschutes County and private waste companies	City of Bend City of Bend, Community Organizations, waste haulers City of Bend, Community Organizations City of Bend, Community Organizations City of Bend, Other public agencies, waste haulers City of Bend, Other public agencies, waste haulers	\$44,000 (local and downstream)	Increase recovery to 45% recovery rate	Not estimated	Economic vitality: 7.5 Affordability: 2.5 Supports the natural environment: 5 Community health and safety: 2.5 Adaptation and resilience: 0 Social equity: 5
W2- Expand use of low carbon concrete in City projects and new development W2A - Track concrete used in City projects and decrease the use of low carbon concrete in City projects W2B - Create incentives to encourage low carbon concrete in private development	City of Bend City of Bend	320,000 (imported)	Emissions intensity of concrete mixes are 26% lower by 2050 (\$250-\$300)		Economic vitality: 2.5 Affordability: 7.5 Supports the natural environment: 5 Community health and safety: 2.5 Adaptation and resilience: 0 Social equity: 2.5
W3- Improve food waste recovery W3A - Increase participation in and access to food waste collection services, including expanding in the multifamily and commercial sectors W3B - Develop and deliver educational programs that teach and encourage residents to compost their food waste	Waste Haulers City of Bend, Community organizations	206,000 (local)	Increase food waste recovery to 50% recovery rate	\$0-\$10	Economic vitality: 7.5 Affordability: 2.5 Supports the natural environment: 7.5 Community health and safety: 2.5 Adaptation and resilience: 0 Social equity: 5
W4- Improve recovery of construction and demolition waste W4A - Expand and develop new programs to increase the recovery of construction and demolition materials W4B - Encourage reuse of construction and demolition waste	City of Bend, other public agencies, waste haulers City of Bend, community organizations	174,000 (local and downstream)	Divert an additional 2,395 tons of C&D waste to from landfill annually	Not estimated	Economic vitality: 7.5 Affordability: 5 Supports the natural environment: 5 Community health and safety: 2.5 Adaptation and resilience: 0 Social equity: 2.5
W5- Encourage waste prevention and reducing consumption W5A - Conduct outreach campaigns that promote waste prevention and reducing consumption, such as by connecting residents and businesses to local resources that prevent waste, like repair cafes W5B - Implement training programs for specific industries to prevent waste, such as the building and construction industry and the food and restaurant industry W5C - Promote and support the reuse of reusable serviceware in foodservices W5D - Encourage re-use by supporting gear swap events, community garage sales, and repair cafes in neighborhoods W5E - Demonstrate City leadership in promoting reuse by shifting from single use to reusable items in City operations and City events W5F - Research models of and support the development of centralized materials exchange fairs	City of Bend, community organizations City of Bend, Other public agencies, Community Organizations City of Bend, Other public agencies, Community Organizations City of Bend, Other public agencies, Community Organizations City of Bend City of Bend, Other public agencies, Community Organizations	406,000 (imported)	3% reduction in consumption of clothing, furniture, appliances and construction materials	(\$270)	Economic vitality: 7.5 Affordability: 10 Supports the natural environment: 5 Community health and safety: 2.5 Adaptation and resilience: 0 Social equity: 7.5
W6- Encourage food waste prevention through outreach and education W6A - Conduct outreach campaigns that promote food waste prevention	City of Bend, other public agencies, Community organizations	68,000 (imported)	5% reduction in food waste generated from 2021 estimate	(\$1,300)	Economic vitality: 7.5 Affordability: 7.5 Supports the natural environment: 5 Community health and safety: 2.5 Adaptation and resilience: 2.5 Social equity: 7.5
W7-Promote low carbon food choices W7A - Promote and promote the offering of low carbon foods for City government events and meetings W7B - Conduct outreach campaigns that promote low carbon food choices	City of Bend City of Bend, community organizations	3,000,000 (imported)	24% reduction in emissions from food	Not estimated	Economic vitality: 7.5 Affordability: 7.5 Supports the natural environment: 5 Community health and safety: 7.5 Adaptation and resilience: 0 Social equity: 5