

Sustainability Advisory Committee 2024 Work Plan

Approved by Council 1/23/2024



Biodiversity



Commercial



Cross-Cutting



Residential













Transportation



Waste





Climate Crisis Sectors	Project	Specific Actions of SAC	Anticipated Outcome, Product or Result	Idea Source	Leader	Partners	Dates
	Zoning Code Overhaul – Sustainable Development	Provide research/review comments on nature-based & low-carbon development: <ul style="list-style-type: none"> net-zero energy EVs tree/habitat preservation bird-friendly design 	Update 1990 Zoning & related codes with new standards that improve sustainable development	Outdated/implementation difficulties, CNU report, REAP, ARPA, carbon neutrality goal	Planning	Plan Commission, consultant, community stakeholders	2023-25
	Energy Efficiency / Renewables Navigator Program	<ul style="list-style-type: none"> Phase 1 (2022): design program, secure City/Fed./State funds for program incentives. Phase 2: implement program 	Improve Naturally Occurring Affordable Housing living conditions, reduce bills and carbon emissions while leveraging IRA and Focus on Energy funds	Sustainability Chpt. 15-6 #7 Incentives, 15-20 #3, REAP pathways/policies recommendations	Planning	Elevate, Focus on Energy, Xcel, others TBD	2022-25
	Multi-Hazard Mitigation Plan	Provide review comments on plan for resiliency, adaptation and mitigation	Update 5-year plan covering community risks (flooding, weather, etc.)	FEMA required	County	County, Regional Planning, Risk Management	2023-24

	Floodplain Development Implementation	Review code changes, procedures, and education	Update Floodplain Zoning code and process to ensure compliance	DNR required, FEMA/NFIP	Risk Management	DNR, Building Inspections	2023-2024
	Compost Project	Support County's comprehensive pilot program (edu., school compost, & bin incentives)	Improve composting in city to divert from landfill	REAP 50% reduction goal, USDA grant	Planning/Engineering	Eau Claire County, ECASD, JONAH	2023-24
	Support Energy Future Collaborative with Xcel Energy	Support on relevant education, data sharing, electric vehicles/chargers, joint solar project, pollinator habitat, etc. Renew the Energy Future Collaborative Work Plan.	Implement City & Xcel's mutual work plan that achieves shared objectives of REAP	REAP, Energy Future Collaborative MOU and 2021-2023 City and Xcel Energy work plan	Planning / City Manager	City & Xcel Energy	2024
	Hire Sustainability Coordinator	Locate funding sources for position.	Add capacity for sustainability efforts.	REAP	City Manager/Finance	Community Development & Community Services	TBD

ONGOING						
Climate Crisis Sectors	Project	Specific Actions of SAC	Anticipated Outcome, Product or Result	Idea Source	Leader	Partners
	Sustainability Advice	At times, a council majority may seek SAC's assistance on an item. Topics for 2024 may include, but aren't limited to: <ul style="list-style-type: none"> • Water Planning • Trash Planning • Sustainability Position 	Council can make sustainability informed decisions	City Council/Statement on the Role of Advisory Committees (12/13/16)	Administration	City Council
	Advocacy –Climate and Clean Energy at Local, State & Federal Levels	Staff attend stakeholder advisory meetings and provide comments, ideas or recommendations as needed	Advocate for City goals & policy positions (e.g., carbon neutrality/100% renewables)	REAP, WI Local Government Climate Coalition (WLGCC) resolution, Strategic Plan Goal #2	Planning/ Administration	State, League of WI Municipalities, WLGCC, ECASD & UWEC committees
	Sustainability Education	<ul style="list-style-type: none"> • Sustainability Annual Awards • Attend outreach events • Make social media posts • Spread awareness of IRA opportunities 	<ul style="list-style-type: none"> • Recognize others' accomplishments • Stir others to action • Educate the public 	Sustainability Chp. Annual program	SAC	Planners, Media, Administration
	Energy & Emission Inventories	<ul style="list-style-type: none"> • Obtain source data, • Use ICLEI ClearPath, • Hire 3rd party consultant to assist 	Track progress on city & municipal 2030-2050 goals	REAP, 100% renewable energy and carbon neutral goals (Strategic Plan Goal #2)	Planning/ Administration	Consultant, ICLEI, Xcel, ECEC Cooperative, etc.
	Carbon Emissions Calculations	Provide review comments on new City buildings and on summaries of private development using carbon calculators	Monitor greenhouse gas emission tracking on certain new developments and new City projects	Carbon neutrality goal, Renewable Energy Action Plan (REAP)	Planning	Plan Commission
	Annual Reporting	Fill out DNR & Carbon Disclosure Project (CDP) reports	Communicate progress publicly	Green Tier Legacy Community & Covenant of Mayors for Climate & Energy	Planning/ Administration	City Depts., utilities, etc.

CRITICAL PATHWAYS TO REDUCE CARBON 30% BY 2030 (30x30)

How Will This Be Done?

Critical Action Pathways to 2030		Total Savings in 2030
 Residential	<ul style="list-style-type: none"> • 2% electricity energy efficiency goal per year • 1.4% natural gas efficiency goal per year • 200 households to 100% renewable electricity per year • 20 new renewable thermal heating systems per year 	<ul style="list-style-type: none"> • 46,000,000 kWh • 1,800,000 Therms • 17,000,000 kWh • 50,000 Therms
 Commercial & Industrial	<ul style="list-style-type: none"> • 3% electricity energy efficiency goal per year • 1.5% natural gas goal per year • 15 new renewable electric customers per year • 5 new renewable thermal heating systems per year 	<ul style="list-style-type: none"> • 170,000,000 kWh • 3,800,000 Therms • 24,000,000 kWh • 200,000 Therms
 Transportation	<ul style="list-style-type: none"> • 2 person occupancy vehicle increase from 1.63 Midwest average • 8,000 registered electric vehicles (EV) by 2030 or 10% of vehicle miles traveled by EVs 	<ul style="list-style-type: none"> • 143,000,000 Vehicle Miles Traveled • 30,000 Metric Tons CO₂
 Grid Decarbonization	<ul style="list-style-type: none"> • Grid electricity will become 75% more carbon free in 2030 compared to 2019, according to Xcel Energy's current Upper Midwest resource plan 	<ul style="list-style-type: none"> • 220,000 Metric Tons CO₂