

3874 Research Park – Potential Advancements of City Carbon Neutrality Goals

STRATEGY 1	Power grid with 100% renewable energy	Potential
Bulk Purchase of Renewables	By 2030, 78MW of renewable energy is generated locally on buildings and sites, with ¼ including battery storage.	Maximize and measure amount of Solar energy generated; Include battery storage.
STRATEGY 2	Switch Appliances and Vehicles to Electric.	
Private EV Fleets	Companies in Ann Arbor transition their fleets to electric, and encourage employees to drive EVs, and install charging infrastructure.	Comply and/or exceed EV parking regulations. Commit to EV fleet and incentivizing employee to purchase EV vehicles.
EV Infrastructure	Ann Arbor has plentiful EV charging infrastructure.	Expand EV infrastructure beyond minimum required.
STRATEGY 3	Improve Energy Efficiency in buildings throughout the City.	
Building Code Requirements	By 2030, all new buildings and major renovations are built to net zero energy standards.	Construct building to meet 2021 IECC Zero Code Appendix.
Benchmarking	Through energy audits and self-reporting energy usage, residents and businesses use information toward improvements.	Commit to public energy reporting.
STRATEGY 4	Reduce the Miles we Travel by at least 50%	
Local and Regional Transit	95% of residents have access to transit within a 10 minute walk. Residents take transit for 40% of trips to work.	Incentivize and/or cover cost of employees to utilize transit.
STRATEGY 5	Change the way we use, reuse, and dispose of materials.	
Year Round Composting	Implement year round composting.	Commit to regular composting.
Commercial Recycling	Increase commercial recycling rate to 30%.	Commit to regular recycling.
Sustainable Material Use and Reuse	Capture and reuse 100% of construction debris.	Commit to 100% capture and reuse of recycling debris.
STRATEGY 6	Enhance Resilience of People and Place	
Neighborhood & Youth Ambassadors	Train ambassadors to further plan goals.	Company representatives enroll and participate in ambassador program.

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Tree Canopy	Update the City Comprehensive Plan to incentivize shade tree and vegetation planting for development projects.	Plant shade/canopy trees to meet City landscaping requirements.
STRATEGY 7	Other	
Offsets	Purchase carbon offsets when goals can't be attained.	Purchase carbon offsets where goals can't be realized.