



EQUITABLE • SUSTAINABLE • TRANSFORMATIVE

Together, achieving a just transition to carbon neutrality by 2030.

In partnership with 50+ community organizations, the City of Ann Arbor has launched the **A²ZERO** carbon neutral initiative. **A²ZERO** aims to create a plan that has broad community support, can be effectively and equitably implemented, and demonstrably moves the entire Ann Arbor community towards carbon neutrality by 2030.

A “Climate Emergency”

When Ann Arbor’s City Council passed the carbon neutrality resolution in 2019, they also acknowledged that we face a “climate emergency.” Indeed, climate change is disrupting economies, weakening public health and safety, and threatening overall quality of life for natural and human systems. Ann Arbor’s children, low-income and elderly populations are particularly vulnerable.

But the impacts are not locked in. Climate change is caused by the greenhouse gas emissions that we release into the atmosphere primarily through burning fossil fuels. **We can take action today, together, to drive those emissions to zero.**



From “most livable” to “most innovative,” Ann Arbor has been showered with accolades as an exceptional place to live, learn, work, thrive and visit. Climate change puts that all at risk.

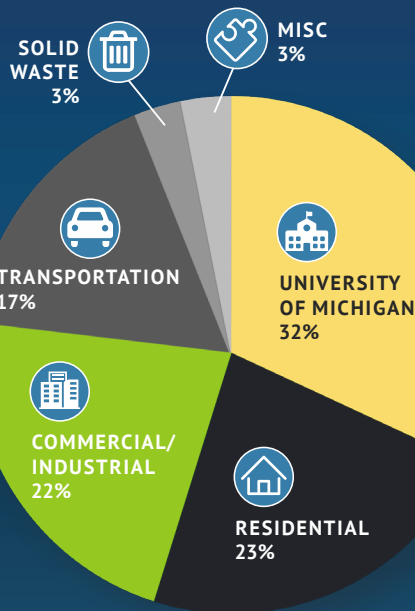
DID YOU KNOW?



- Average air temperature in A2 has already increased nearly 1°F since the 1900s and is expected to rise 3–7°F more by 2050.
- We are projected to have 12–36 more days per year above 90°F by 2050 and 30–42 more by end of the century.



- Average annual precipitation has increased 44% since the 1950s and continues to rise.
- The total amount of rain falling during extreme events has increased by 37% since 1981.



2018 EMISSIONS SNAPSHOT

2.1 million metric tons

Our 2018 greenhouse gas emissions inventory is our starting point as we race to zero emissions by 2030.



A²ZERO IS PURSUING CARBON NEUTRAL STRATEGIES IN FOUR SECTORS:



ENERGY

Using energy efficiently, transitioning to renewable energy, and encouraging high performing buildings

WHAT WE'VE DONE

- ✓ Energy efficiency education and commercial PACE program
- ✓ Solarize initiative to help aggregate community demand for solar

POSSIBLE ACTIONS

- Creation of microgrids
- Large-scale energy efficiency initiatives



MOBILITY

Designing and connecting our homes, businesses, and public spaces around an efficient, multi-modal, and zero carbon transportation network

WHAT WE'VE DONE

- ✓ Electric school buses
- ✓ Lane reconfigurations to support biking

POSSIBLE ACTIONS

- Regional rail and bus service
- Ubiquitous electric vehicle charging infrastructure



ADAPTATION & RESILIENCE

Ensuring all our neighborhoods thrive everyday — even in the face of shocks and stressors

WHAT WE'VE DONE

- ✓ Complete streets
- ✓ Tree planting

POSSIBLE ACTIONS

- Creation of neighborhood resilience hubs
- Enhanced use of green infrastructure



RESOURCE REDUCTION

Minimizing waste by changing how our community consumes and disposes of goods and materials

WHAT WE'VE DONE

- ✓ Curbside composting
- ✓ Shop local campaigns

POSSIBLE ACTIONS

- Targeted resource reduction initiatives
- Enhanced reuse centers and a greater emphasis on a sharing economy



Help Us Determine the Future of Ann Arbor



TAKE ACTION

SHARE

your thoughts in our online surveys.

ATTEND or **HOST** an event.

TALK

to family and friends.

CHANGE

your daily activities to be more climate friendly.

LEARN more about how to engage in all of these actions: a2zero.org

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