

CARBON NEUTRALITY

Carbon neutrality is reached when all quantifiable greenhouse gas emissions are eliminated or offset by investments in carbon credits or sequestration projects.

U-M is committed to the goal of achieving carbon neutrality across the entire university, including the Ann Arbor, Dearborn, and Flint campuses, Athletics, and Michigan Medicine.



CARBON NEUTRALITY COMMITMENTS

SCOPE 1—EMISSIONS ELIMINATED BY 2040

Scope 1 GHG emissions result from **direct, on-campus sources**. To eliminate them, our first actions include **installing geothermal heating and cooling** for some new construction projects (a first step in phased transition of heating and cooling systems), **electrifying our bus fleet**, and **launching a revolving fund for energy efficiency projects, starting with \$25 million** over five years.

SCOPE 2—CARBON NEUTRAL BY 2025

Scope 2 GHG emissions come from **purchased electricity**. To eliminate them, we will **secure all purchased electricity from renewable sources**.

SCOPE 3—ESTABLISH GOALS BY 2025

Scope 3 GHG emissions are all of the upstream and downstream GHGs resulting from **indirect sources** like commuting, food procurement, and university-sponsored travel. Our first steps will be to **better measure these emission sources and develop roadmaps for mitigating them**.

SUSTAINABLE INVESTING

U-M announced **new strategies** that shift natural resources investments to focus more on renewable energy, stop investing in funds primarily focused on certain fossil fuels and discontinue direct investments in publicly traded companies that are the largest contributors to greenhouse gases. U-M also committed to **achieve a net-zero endowment by 2050—the first such pledge from an American public university**.

ORGANIZATION AND CULTURE

LEADERSHIP STRUCTURES

- ◆ Create a new executive-level position reporting to the president
- ◆ Incorporate environmental justice into decision-making
- ◆ Collaboratively develop implementation strategies with units from across the university

CAMPUS PLANNING

- ◆ Initiate master planning with carbon neutrality as a central component
- ◆ Make all new buildings compatible with renewable energy
- ◆ Develop energy efficiency standards for construction and renovation

RESEARCH AND EDUCATION

- ◆ Integrate sustainability and carbon neutrality into core curricula
- ◆ Expand Planet Blue Ambassador program to UM-Flint and UM-Dearborn
- ◆ Invest in carbon neutrality research and deployment

EXTERNAL COLLABORATION AND COMMUNICATION

- ◆ Publish a dashboard to report progress transparently
- ◆ Meaningfully engage with surrounding communities (Ann Arbor, Flint, Dearborn, Detroit, and others)

LEARN MORE & GET INVOLVED

