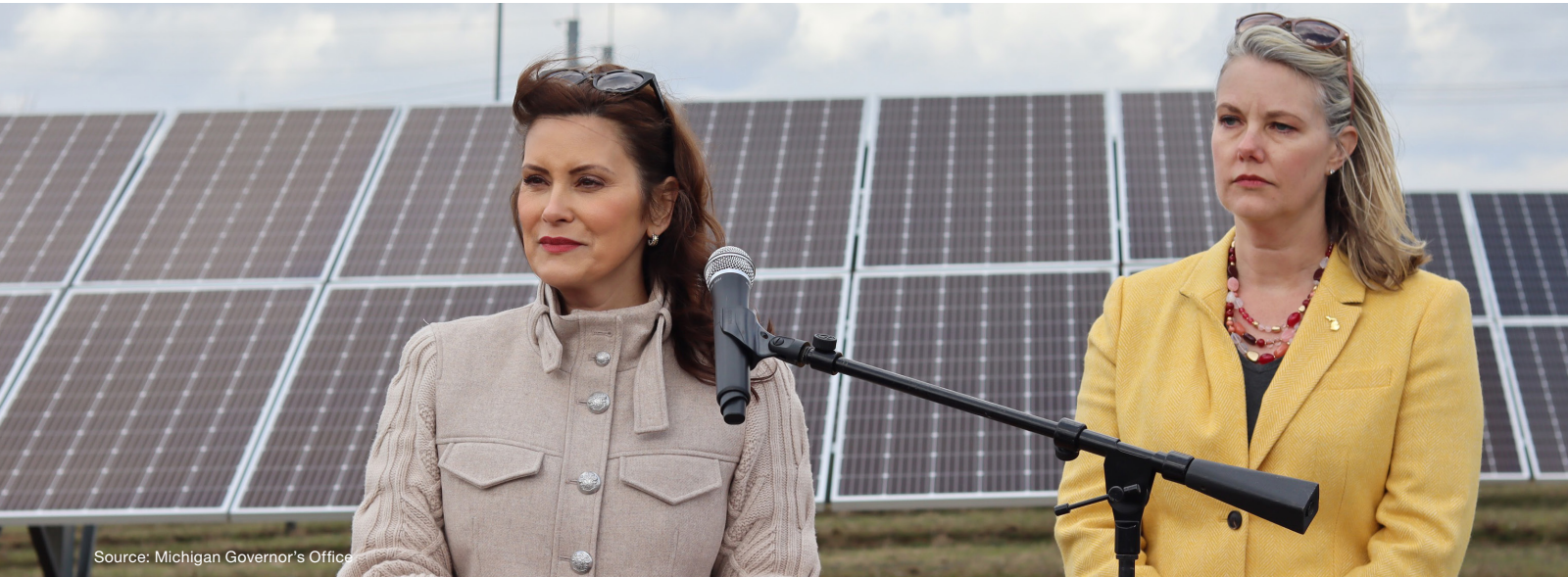


MEMBER SINCE 2019

MICHIGAN



CLIMATE SUCCESS STORY In 2022, Governor Whitmer unveiled the *MI Healthy Climate Plan*, which directs the state toward a carbon-neutral economy.



Source: Michigan Governor's Office

Michigan's Governor Whitmer delivers bold climate action in the Midwest

After two years of climate-fueled emergencies—from a polar vortex and historic floods to dam failures and week-long power outages—Governor Gretchen Whitmer directed the Department of Environment, Great Lakes, and Energy, via executive order and executive directive, to develop a plan to lower Michigan's emissions by 28 percent by 2025, 52 percent by 2030, and to reach carbon neutrality by 2050. This year, the governor unveiled the *MI Healthy Climate Plan*, detailing actions Michigan must take to build a carbon-neutral economy and create tens of thousands of good-paying jobs while meeting environmental justice goals and ensuring a just transition for all workers.

The plan focuses on actions to spur economic development, create quality jobs, lower energy and transportation costs, mitigate the worst impacts of climate change, improve public health, and protect natural resources.

The plan's recommendations focus on actions needed by 2030, including powering Michigan with 60 percent

renewable energy, building the infrastructure to support two million electric vehicles (EVs), protecting 30 percent of Michigan's land and water, investing no less than 40 percent of climate-related funds in disadvantaged communities across the state, and more.

The state convened hundreds of Michiganders to develop the plan, including listening sessions for environmental justice concerns, over a dozen meetings of the Council on Climate Solutions, and almost 2,000 public comments. This robust engagement ensured that as Michigan decarbonizes, everyone will reap the benefits, and no one will get left behind.

The governor also signed the bipartisan *Building Michigan Together Plan*, which invested nearly \$2 billion in water infrastructure, \$450 million in parks and natural resources, over \$100 million in clean energy and mobility, and more. The governor's actions prove that bold climate action is possible even in a divided government.

CLIMATE ACTION-AT-A-GLANCE

The following list includes both **statutory** and **executive** policies and actions that have been adopted or are in the process of being adopted.



ECONOMY-WIDE GHG TARGETS & CLIMATE GOVERNANCE

- Created the Office of Climate and Energy and the Council on Climate Solutions
- Established 2050 Economy-wide carbon neutrality goal with interim goals in 2025 and 2030
- Released the MI Healthy Climate Plan
- Initiated development of Michigan GHG Inventory
- Launched lead by example programs and an interagency climate team
 - ▶ Require 100% renewable energy for state facilities by 2025
 - ▶ Deploy solar on state properties
 - ▶ Lower energy intensity 40% by 2040
 - ▶ Require recycling in state facilities
 - ▶ Procure from environmentally friendly vendors



ELECTRICITY

- Set a goal to have 60% renewable energy and retire coal by 2030
- Set a goal to reduce energy burden to 6%
- Set a goal to deploy 2,500 MW by storage by 2030 and 4,000 MW of grid scale storage by 2040
- Signed a bill removing tax barriers to rooftop solar
- Incorporated carbon emissions reductions goals into utility long-term planning
- Invested millions in clean energy improvements for state facilities, small businesses, homes, houses of worship, and more



JUST TRANSITION/EQUITY

- Created Office of Environmental Justice (EJ) Public Advocate, Interagency Response Team on EJ, and the Michigan Advisory Council on Environmental Justice
- Created the Energy Transition Impact Project
- Committed to Justice40 for climate-related funding
- Incorporated EJ into long-term utility planning
- Launched an EJ screening tool
- Invested millions to prepare Michigan's workforce for the changing economy
- Launched programs like EV Jobs Academy to upskill workers



RESILIENCE

- Expanded funding for climate resilient infrastructure projects



TRANSPORTATION

- Created the Office of Future Mobility and Electrification and the Council on Future Mobility
- Set a goal to build infrastructure to support 2 million EVs by 2030
- Set a goal to increase clean transformation 15% annually through 2030
- Led a 5-state compact to rollout regional charging infrastructure
- Invested millions to transition bus fleets to cleaner fuels and electrification, expand Michigan's charging infrastructure, and improve clean transportation options
- Proposed funding for electric vehicle and at-home charging rebates
- Deployed chargers in Michigan state parks and along the shores of Lake Michigan
- Launched innovative partnerships to create real-world inductive charging and connected and autonomous charging corridors



BUILDINGS/EFFICIENCY

- Set a goal to reduce home heating emissions 17% by 2030
- Set a goal to achieve at least 2% energy efficiency savings for electricity and 1.5% for natural gas.
- Invested millions in pre-weatherization and home repairs



INDUSTRY

- Set a goal to increase recycling 45% by 2030
- Set a goal to cut food waste in half by 2030
- Set a goal to increase industrial energy efficiency and reduce energy waste in industrial processes
- Developed markets for recycling products through Michigan Next Cycle



NATURAL & WORKING LANDS

- Set a goal to protect 30% of Michigan's land and water by 2030



CARBON MARKETS & VALUING CLIMATE DAMAGES

- Launched the nation's first carbon market program on state-owned lands



CLIMATE FINANCE

- Created a Green Revolving Fund for state facilities
- Invested millions in Michigan Saves, the state's non-profit green bank