



MI FUTURE MOBILITY PLAN 2.0

MICHIGAN OFFICE OF
FUTURE MOBILITY
& ELECTRIFICATION





MI FUTURE MOBILITY PLAN 2.0

Michigan is leading a mobility revolution. “Mobility” is both: 1) the ability to move (or be moved) freely and easily, and 2) the ability to change one’s economic status. In Michigan transportation mobility is economic mobility. Rapidly emerging “future mobility” can provide both economic growth and enhanced quality of life.

Michigan is where the mobility future is born and built. The state leads in autonomous and connected technology, advanced manufacturing and next-generation transportation on land, air and water. Michigan’s workforce is the envy of the nation and its universities and industry are producing the knowledge workers of tomorrow.

Michigan’s legacy is its future. The MI Future Mobility Plan is a whole-of-government strategy to leverage the unique assets of the state to generate and deploy new solutions, produce tomorrow’s mobility, and lead the globe in workforce and talent.

This is a collaboration that unites people, government, industry, and academia. It is driven by practical needs and audacious vision. The statewide partnership brings together multiple state agencies to accomplish its vision:

- Michigan Office of Future Mobility and Electrification
- Michigan Council on Future Mobility and Electrification
- Michigan Department of Labor and Economic Opportunity
- Michigan Department of Environment, Great Lakes and Energy
- Michigan Department of Transportation
- Michigan Economic Development Corporation
- Michigan Department of Natural Resources
- Michigan Department of Insurance and Financial Services
- Michigan Department of Treasury
- Michigan State Police
- Michigan Public Service Commission

AN URGENCY TO ACT

To seize the mobility future, Michigan must address and lead on today's critical imperatives:



ARTIFICIAL INTELLIGENCE (AI) AND AUTOMATION are transforming mobility and industry - increasing efficiency and smarter systems. But challenges remain to ensure deployment that is equitable, safe and enhances access jobs and public trust.



High-tech and emerging mobility demands nimble, flexible manufacturing capable of adapting to **"HIGH MIX/LOW VOLUME" PRODUCTION**—pressuring traditional mass production systems and long-lead supply chains to modernize, modularize, and develop digital agility.



Moving from **STARTUP TO SCALE UP** requires deliberate support. Many promising products die at the doorstep of funding gaps, regulatory complexity, and the lack of operational infrastructure.



DATA AND ENERGY INFRASTRUCTURE will drive future mobility - propelling connected vehicles and systems. Transportation infrastructure must modernize to enable real-time data flows, charging access, and grid resilience at scale.



Rapid advances in automation, electrification and digital systems requires **CONTINUOUS UPSKILLING** of the workforce to meet the needs of major industry and emerging technology alike.



Competition is fierce for **HIGH-SKILL PROFESSIONALS AND RECENT GRADUATES**. Next generation technology leaders seek places with robust opportunity, supportive networks,, and high quality of life in vibrant, inclusive places.

Mobility Plan Vision: Michigan will produce the mobility future that unleashes human potential.



CREATE
solutions that
drive the future.

Expand research and development.

- Leverage Michigan's ecosystem to expand R&D partnerships.
- Facilitate prototyping and proof-of-concept validation.
- Expand real-world testbeds throughout the state.

Catalyze purpose-driven solutions.

- Drive development of new forms of mobility.
- Expand mobility for underserved Michiganders.
- Promote adoption of new solutions by public agencies.

Enhance infrastructure and safety.

- Integrate multimodal systems across air, land and water.
- Modernize mobility infrastructure with new digital and physical solutions.



CULTIVATE
thriving mobility
enterprises.

Expand funding and investment.

- Create consistent pools of state funding.
- Grow private investment pools.

Support company scaling.

- Facilitate public-private and industry-startup partnerships.
- Leverage the buying power of the state.
- Help growth-stage companies navigate state programs.

Increase company expansion & relocation.

- Lead on policy innovation to support future mobility adoption.
- Build regional manufacturing hubs and resilient supply chains.
- Promote Michigan's live, work, play amenities.



PROPEL
Michigan's
workers and
industry.

Upskill Michigan's workforce.

- Strengthen systems to connect job seekers to job opportunities.
- Identify and deliver the workforce training needed for future mobility.
- Use digital technology and new mobility to reduce workforce barriers.

Retain and attract top mobility talent.

- Create strong professional career pathways and networks.
- Expand youth engagement in future mobility careers.

Modernize Michigan's mobility manufacturing.

- Accelerate advanced manufacturing and high-mix/low-volume capabilities.
- Expand white-box industrial production and regional manufacturing hubs.

MI MOBILITY MOMENTUM



Driving Action Through Collaboration - OFME convenes public- and private-sector leaders through working groups, roundtables, and CFME Action Teams to advance mobility policy, research, and programs focused on EVs, hydrogen, fleet transition, transit, public safety, and startup innovation.



Growing Michigan's Mobility Talent Pipeline - Launched inaugural cohort of 10 fellows from across the country to gain real-world experience in transportation planning and mobility innovation through placement at private and public future-mobility focused employers across Michigan.



Accelerating Advanced Aviation Solutions - The Advanced Aerial Mobility (AAM) Activation Fund supports innovators in advanced aircraft, drones, and enabling infrastructure, with focus areas including infrastructure inspection, medical delivery, defense, and sustainable regional aviation.



Catalytic Funding to Spur Innovation - Since its launch in 2020, OFME has awarded over 200 grants to startups, small businesses, universities, and local governments to accelerate mobility innovation. These investments have unlocked more than \$98 million in total funding—leveraging every \$1 of OFME support to attract \$30 from public and private partners.



Supporting Hard Tech Innovation - OFME, in partnership with Lawrence Tech and Centrepolis Accelerator, launched a prototyping grant program to help early-stage startups develop and manufacture new mobility hardware using Michigan's manufacturing expertise.





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**LABOR & ECONOMIC
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