$225 Billion
$3 Trillion
$7 Trillion
Auto Industry Contribution to the Michigan Economy

$225 Billion

$48 Billion in earnings and compensation

712,000+ jobs, directly and indirectly, to the economy

$7.4 Billion in tax payments

83% of the economic contribution attributed to the automotive manufacturing sector
Economic Opportunity

Global Auto Industry

Personal Mobility in a Shared Use Economy

$3 Trillion

$7 Trillion
We Put the World on Wheels
21 OEMs Operating in Michigan
10 Assembly Plants

- Orion Assembly 1983
- Flint Assembly 1947
- Lansing Delta 2004
- Lansing Grand River 2004
- Michigan Assembly 1957
- Dearborn Truck 2004
- Flat Rock Assembly 1987

12th

- Detroit-Hamtramck 1985
- Sterling Heights 1953
- Warren Truck 1938
- Jefferson North 1991
- New FCA 2019

11th

Michigan Vehicle Production North American Share

12.5% 2017
10.9% 2018
96 of the top 100 automotive suppliers to North America

An International Community

BOSCH
DENSO

sanluis
rabeca

automobile

Marelli
Gestamp

Autoliv

MOBIS

Michauto.org
2,200+ facilities in Michigan conduct automotive research, design, engineering, testing and validation.
Michigan: Research and Development

76% U.S. R&D automotive in Michigan

U.S. Patent Office - Detroit
Michigan: Defense - Cyber - Aerospace

The Merit Network
+3800 miles

VELOCITY

TARDEC

SELFRIIDGE
Our Industry & Transportation

THE WORLD IS CHANGING
MORE POWER TO YOU!
America's independent light and power companies build for your new electric living

Tomorrow's higher standard of living will put electricity to work for you in ways still unheard of!

The time isn't too far off, the experts say, when you'll wash your dishes without soap or water—ultrasonic waves will do the job. Your beds will be made at the touch of a button. The kids' homework will be made interesting and even exciting when they are able to dial a library book, a lecture or a classroom demonstration right into your home— with sound. (Some of this is happening already.)

To enjoy all this, you'll want a lot more electric power. And the independent electric companies of America are already building new plants and facilities to provide it. Right now these companies are building at the rate of $5,000,000,000 a year, and planning to double the nation's supply of electricity in less than 10 years.

America has always had the best electric power service in the world. And the independent electric companies are resolved to keep it that way.

AMERICA'S INDEPENDENT ELECTRIC LIGHT AND POWER COMPANIES

Click Americana.com
Ford offers access to 35,000 charging stations in advance of 'Mustang-inspired' SUV
The world’s most valuable resource is now DATA
First Industrial Revolution: fixed public transportation for emerging cities.

20th Century: Mass produced motor vehicles and the rise of suburbanization.

The Digital Age: Information is everywhere. Drivers have a choice. Transportation is about convenience.

Technology Enables Solutions
A Time of Significant Change

Mobility

Inflection Point

Business grows

Business declines

-- Only The Paranoid Survive by Andy Grove
“The person who is the star of previous era is often the last one to adapt to change, the last one to yield to logic of a strategic inflection point and tends to fall harder than most.”

Andrew S. Grove
The Bailout Bomb
Why AIG = WMD

Forget those bonuses. The real scandal is how AIG was allowed to become a financial weapon of mass destruction.

BY BILL SAPORITO
1. Societal Impact  
2. Economic Opportunity
Impact on Mobility

- Reducing Congestion
- Conserving Energy
- Preventing Accidents
- Mobility as a Service
There are more people living inside this circle than outside of it.
GM’s World View

GM is committed to a future of:

- Zero Crashes
- Zero Emissions
- Zero Congestion

Technology will help unlock this future.
Every 53 seconds
Investment in Tech-Auto-Mobility
One Month in 2016

- GM + Cruise
- Volkswagen + Gett
- Toyota + Uber
- FCA + Google
- Michauto.org
Transformation

Loom Company → Global Automaker → Mobility Company
GM’s Cruise gets $2.25B from SoftBank’s Vision Fund, $1.1B from GM

SoftBank Fund Puts $2.25 Billion in G.M.’s Driverless Unit

The Softbank Vision Fund is investing $2.25 billion in GM’s self-driving subsidiary, Cruise.


$1 Billion

$11 Billion
BorgWarner Forms Cascadia Motion LLC, Makes Acquisitions
“The Future of the Car is in Silicon Valley”
For Michigan

1. Continue to lead, evolve and compete with our advanced industries

2. Lead in the development and manufacturing of next-gen mobility
“Metal Benders”
Michigan Mobility Initiative 2015

Projects | Positioning

People | Policy
Michigan as a Mobility Center
Startup Innovation Ecosystem

PLUG AND PLAY

LEAN ROCKET LAB

FERRIS WHEEL

START GARDEN

INVENT@NMU

Michigan State University

SPARK

Techstars MICH AUTO

MOBILITY
“Metal Benders”
And
The Brains
Waymo will build self-driving cars in Michigan

It received approval for the first all-autonomous factory in the world.
Changing the Narrative

Silicon Valley Decides It’s Just Too Hard to Build a Car

Detroit schools Silicon Valley on the future of transportation

The New York Times

Michigan’s New Motor City: Ann Arbor as a Driverless-Car Hub
May Mobility raises $50 million in Series B round led by Toyota.

Magna partners with May Mobility to develop self-driving shuttles.