Moving Michigan’s Automotive Cluster to Market
Transportation and Logistics: Moving the Goods to World Markets

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The Detroit Regional Chamber

For over 100 years serving the business community of Southeast Michigan
Top 5 in U.S. for size and revenue

Regional Collaboration  Economic Development  Education Reform  Membership Value
Michigan: 100+ Years of Automotive
Global Capital of the Industry
MICHauto
An initiative of the Detroit Regional Chamber, MICHauto is a coordinated statewide network of all stakeholders of Michigan’s automotive industry. MICHauto serves as a unified voice to convene and collaborate for our industry. Promote. Retain. Grow.

Awareness  Attraction  Talent  Advocacy

[Logos of various Detroit Regional Chamber and MICHauto partners]
The North American Auto Industry
Michigan’s Automotive Cluster

- 9 Global OEM Centers & HQ
- 375 R & D Centers
- Produce 23% of Vehicles in U.S.
- Avg. 1 patent per day for 50 years
- 53,000+ Mechanical & Industrial Engineers
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- 600 auto-focused schools & programs
- 11 Interstate Highways
- 4 Class 1 Railroads
- 8 Airports/Airfields
- 8 Intermodal freight facilities
- 3 Marine Ports
The Automotive Supply Chain in Action
Detroit Transportation and Logistics

- Michigan is a top transportation and logistics region due to its unique positioning as an international gateway and strong infrastructure and top export market.
- Detroit is the epi-center of TDL activity.

Source: U.S. Cluster Mapping Project
International Gateway

Detroit: Wayne Country Airport Authority – Metro & Willow Run

- 18th busiest airport. (operations), 270 international flights weekly, 32 million travelers, 500 million pounds of cargo handled annually.
- $10.2 Billion annual economic impact to state, supports 86,000 jobs in the State

Rail

- The Detroit region is served by four of seven national Class 1 railroads, which is unique to only one-third of the nation.
- Currently eight intermodal facilities operate in Detroit.

Waterway

- Great Lakes Shipping channel connects St. Lawrence Seaway and Atlantic Ocean
- Detroit Region has 3 of the largest ports along the Seaway (Detroit, Toledo, Port Huron)

Border Crossing

- Detroit’s border crossing is busiest in northern U.S. border economy and 2nd nationally to Laredo, TX (combined with Port Huron it is busiest)
- Nearly 11,000 trucks cross the two bridges daily
Detroit Exports

- With $53.9 billion in goods exported in 2013, the region ranked fifth in the nation, ahead of Chicago, Dallas and San Francisco.

- Top Exports - Metropolitan Areas
  1. Houston-The Woodlands-Sugar Land, TX
  2. New York-Newark-Jersey City, NY-NJ-PA
  3. Los Angeles-Long Beach-Anaheim, CA
  4. Seattle-Tacoma-Bellevue, WA
  5. Detroit-Warren-Dearborn, MI
Detroit was the largest metropolitan area exporter to Canada and Mexico in 2013, with exports from Detroit-Warren-Dearborn, MI totaling $15.9 billion and $21.5 billion respectively.
Transportation, Distribution & Logistics Strategy

State of Michigan

- Hired firm to conduct a complete TDL industry assessment for development of a coordinated cluster strategy.
- Preliminary findings position Detroit as “the” place for TDL investment.

Why Detroit?

- Infrastructure is in place
- Detroit is the state’s trade hub with the region accounting for 72% of the Michigan’s exports.
- Metro Detroit is the major population hub
- Land capacity
- International border
The TDL & Infrastructure Future

5 Key Actions

1. Finish Key Infrastructure
   - NITC – 2020
   - DIFT – consolidation of 8 intermodal yards. 2040
   - CRG - $400 m double stack rail tunnel under Detroit River
2. Create Development Districts
3. Improve Access to Districts
4. Integrate development Districts with Community
5. Cultivate Cross Border Trade
Detroit...
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- 600 auto-focused schools & programs
- 17 Universities & Colleges Engineering programs
- Mobility Transformation Facility

Connected Vehicle, Wireless, Roadside Equipment
Reinventing the Building Industry
Wide Range of Roadside Equipment, Lighting, and Traffic Control Devices
Stationary & Mechanical Equipment
Mobile and Wearable Connected Devices
Wide Range of Mobile, Connected, Roadway Geometry
Wide Variety of Reconfigurable Drones

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Thank you.

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