Developing Regional Solutions

SEMCOG

Southeast Michigan Council of Governments

Electric Vehicle Planning Resources for Communities

An overview of the Southeast Michigan Electric Vehicle (EV) Resource Kit and Planning Hub

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Southeast Michigan

Southeast Michigan is home to…

- **4.75 million** people, **48 percent** of the state's population
- **7** counties, **93** cities, **24** villages, **115** townships
- Over **100,000** private-sector businesses that employ over **1.9 million** people
- More than **3,000** businesses with over **100** employees
- More than **100** businesses with over **1,000** employees
- **22** four-year colleges and universities and **8** community colleges

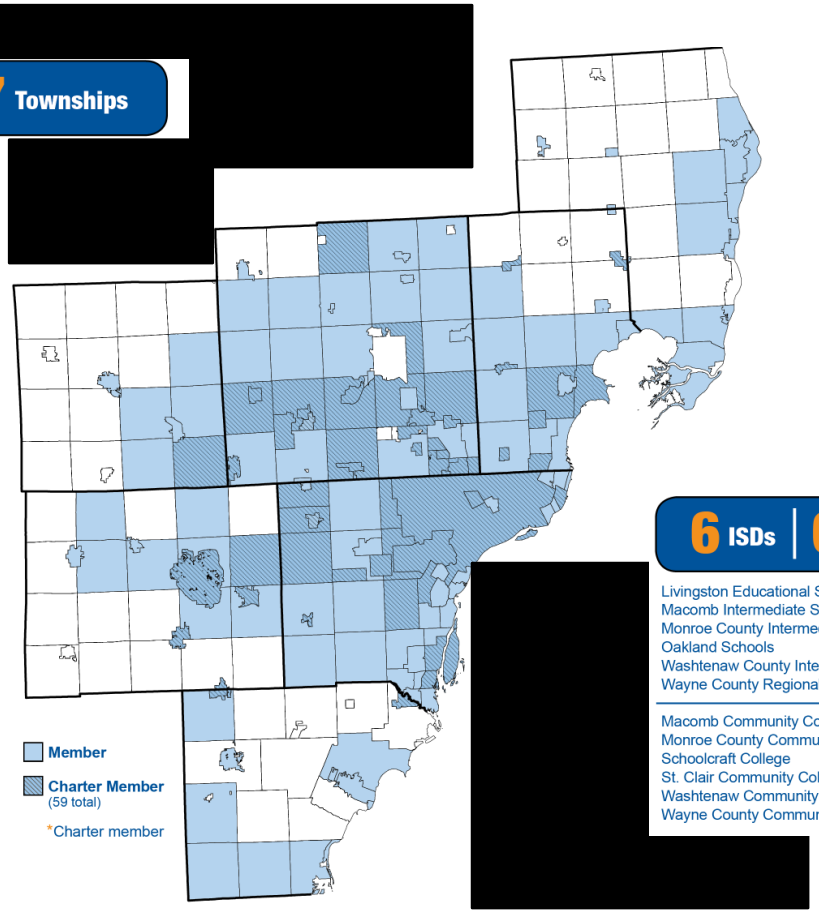
SEMCOG Members

173 Total

84 Cities | **13** Villages | **57** Townships

7 Counties

Livingston, Macomb, Monroe*
Oakland*, St. Clair*, Washtenaw*,
and Wayne*



6 ISDs | **6** Community Colleges

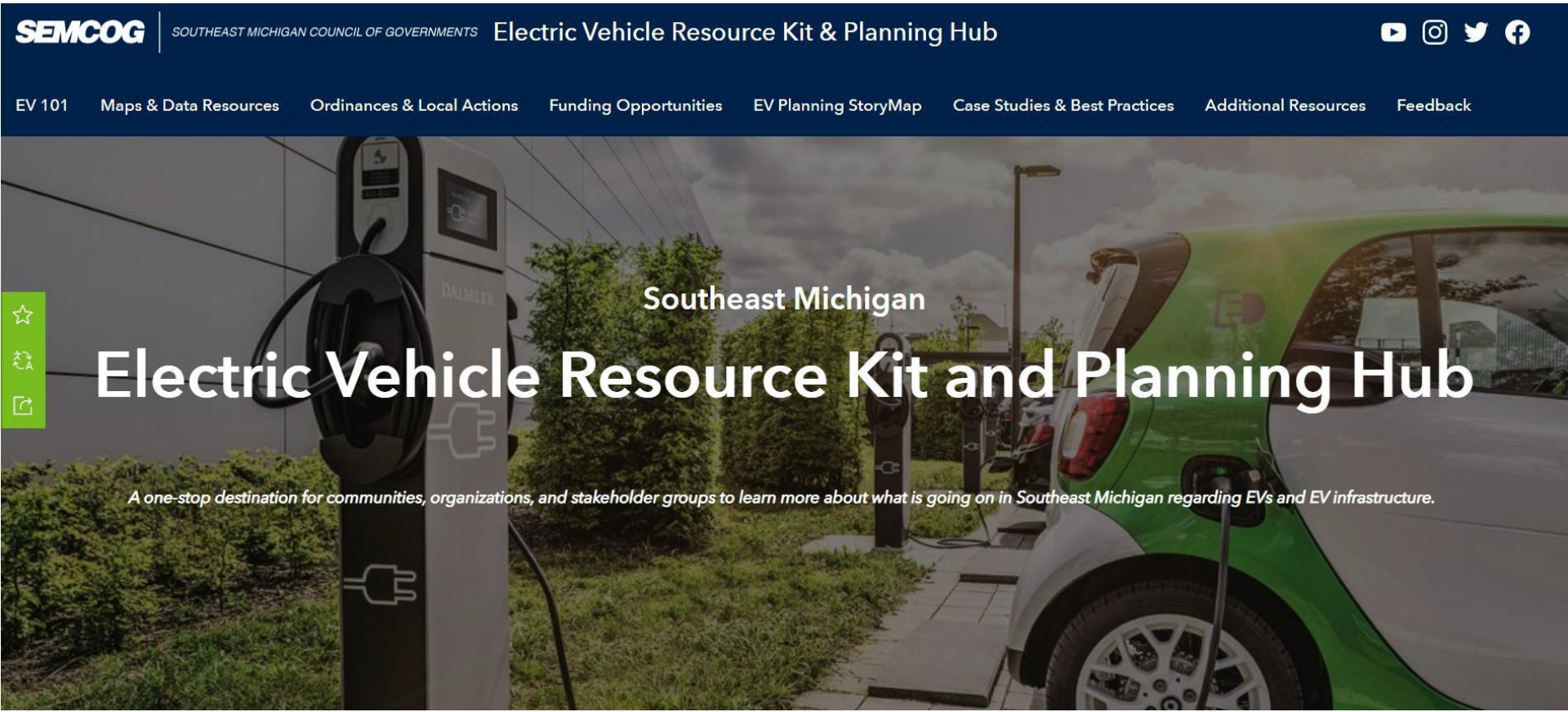
Livingston Educational Service Agency
Macomb Intermediate School District*
Monroe County Intermediate School District
Oakland Schools
Washtenaw County Intermediate School District
Wayne County Regional Educational Service Agency*

Macomb Community College
Monroe County Community College
Schoolcraft College
St. Clair Community College
Washtenaw Community College
Wayne County Community College

SEMCOG Vision

All people in Southeast Michigan benefit from a connected, thriving region of small towns, dynamic urban centers, active waterfronts, diverse neighborhoods, premier educational institutions, and abundant agricultural, recreational, and natural areas.

Electric Vehicle Planning Resources for Communities



Southeast Michigan EV Resource Kit and Planning Hub Content

EV 101

Explore this page to learn about EV and EV infrastructure, electrification benefits and local considerations

Explore

Interactive Maps and Data Resources

Explore this page for EV and EV infrastructure real-time data, maps, applications, and dashboards

Explore

Zoning Ordinances and Local Actions

Explore this page for Southeast Michigan communities EV and EV infrastructure ordinances and actions

Explore

Funding Opportunities

Explore this page for Federal, State, and utility incentives and funding opportunities for EV and EV infrastructure deployment

Explore

Southeast Michigan EV Planning StoryMap

Explore this Story Map on planning for EV infrastructure in Southeast Michigan communities

Explore

Implementation – Case Studies & Best Practices

Explore this page for Southeast Michigan communities EV implementation case studies & best practices

Explore

Additional Resources

Explore this page to access SEMCOG EV webinar series recording, blogs as well as EV and EV infrastructure Frequent Questions

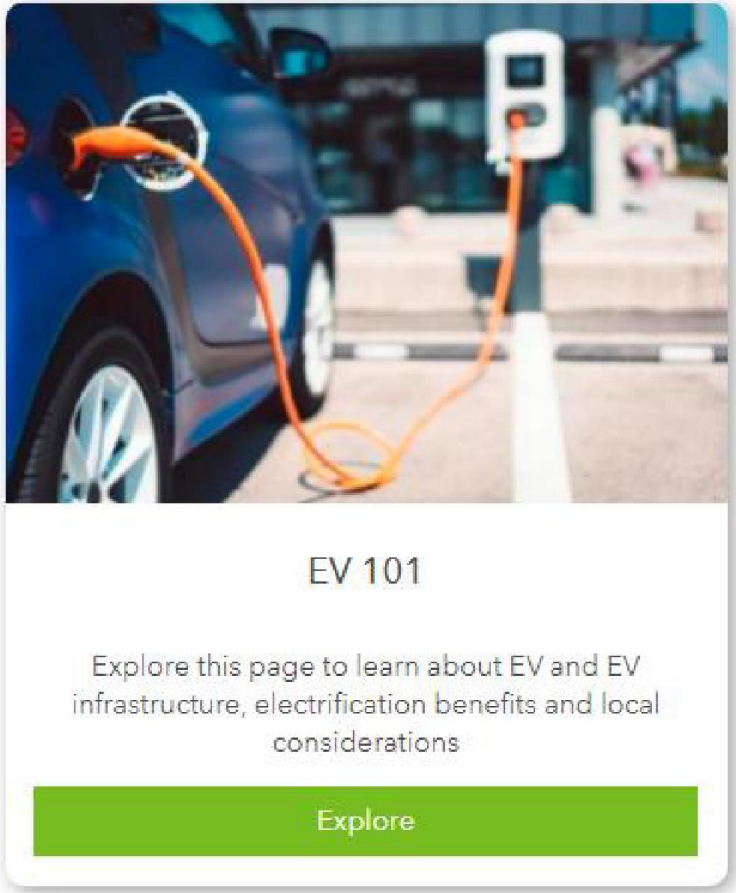
Explore

Feedback

Visit this page to provide feedback on the SE MI EV Resource Kit & Planning Hub content, as well as share your community's EV priorities, experiences..

Explore

Southeast Michigan EV Resource Kit and Planning Hub Content



EV 101 Topics

- Electric Vehicles
- Mobility Opportunities
- EV Charging infrastructure
- Priority Locations
- Benefits
- Considerations
- Relater Topics
  - Connected, Autonomous, Shared Mobility

Southeast Michigan EV Resource Kit and Planning Hub Content

Interactive Maps & Data Resources

Real-Time:

- EV Charging Dashboard (SEMI)
- Charging Location Heatmaps (SEMI)
- EV Charging Locator Application (SEMI)
- State of the EV Market and Infrastructure

Southeast Michigan EV Resource Kit and Planning Hub Content

Zoning Ordinances & Local Actions

- Model EV Ordinance Language
- Interactive Map (SEMI)
  - Communities with EV related Ordinance

Southeast Michigan EV Resource Kit and Planning Hub Content

Funding Opportunities

- Bipartisan Infrastructure Law (NEW)
- Fleet Purchase Incentives
  - Federal
  - State
  - Utility (SEMI)
- EVSE Purchase and Installation Incentives
  - Federal
  - State
  - Utility (SEMI)
- Infrastructure Planning Funds

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EV Planning StoryMap (SEMI)

- Charge Up Michigan Sites
- Alternative Fuel Corridors
- Socioeconomic and Air Quality
- All factors overlaid

Southeast Michigan EV Resource Kit and Planning Hub Content

Case Studies & Best Practices

- Funding for EV Infrastructure
- Fleet Management & Electrification
- Unified Development Code
- Model Regulatory Signage

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Southeast Michigan EV Resource Kit and Planning Hub Demonstration

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