

Automotive R&D

**TOP
ranked**
U.S. FIRM



Automotive Tier Supplier, Northville, MI



Vehicle Environmental Test Center, Indianapolis, IN



GM Powertrain Engineering Facilities
Pontiac, MI

IMEG provides integrated facility design, process engineering, and sustainability consulting for automotive, electric vehicle (EV), battery, hydrogen, alternative fuels, and R&D facilities. As the industry evolves through electrification, battery development, hydrogen technologies, and alternative fuel testing, IMEG helps clients increase throughput, improve energy performance, strengthen facility resiliency, and achieve long-term sustainability goals.

General Motors	Stellantis	Ford Motor Company
Renault	Rivian	Tesla
Toyota	Kia	Hyundai



Scan here to learn more about automotive manufacturing and research & development design and services.

IMEG has also maintained dedicated on-site staff support for Toyota, Stellantis, and General Motors, providing engineering expertise directly within their operations.





PROCESS & FACILITY DESIGN EXPERTISE

IMEG integrates process engineering and facility design to create high-performance research, testing, and manufacturing environments. Our capabilities include::

- Project programming / scope development
- Process flow diagrams (PFDs)
- Equipment planning and specification
- Facility and site master planning
- Utility infrastructure design
- Energy modeling / performance analysis
- Decarbonization planning
- Life-cycle cost analysis
- Renewable energy / storage integration
- Sustainable building strategies
- Commissioning / performance optimization
- Alternative fuels, battery, and hydrogen testing and storage facilities

IMEG AT-A-GLANCE

- Top 5 Engineering Firm in U.S. (BD+C)
- #51 / Top 500 Design Firm List (ENR)
- 100+ Locations
- 3,400+ Team Members
- \$640+M in Annual Revenue



ADVANCED MANUFACTURING PROJECT TYPES

- Vehicle development and testing facilities
- Battery development and thermal testing laboratories
- EV and electrification research centers
- Hydrogen fuel cell and H2 ICE testing facilities
- Research and development laboratories
- Pilot plants
- Clean rooms and controlled environments
- Heavy manufacturing facilities
- Process manufacturing operations
- Hazardous materials storage facilities
- Warehouse and distribution centers
- Administrative and engineering offices



GM World, Detroit, MI