



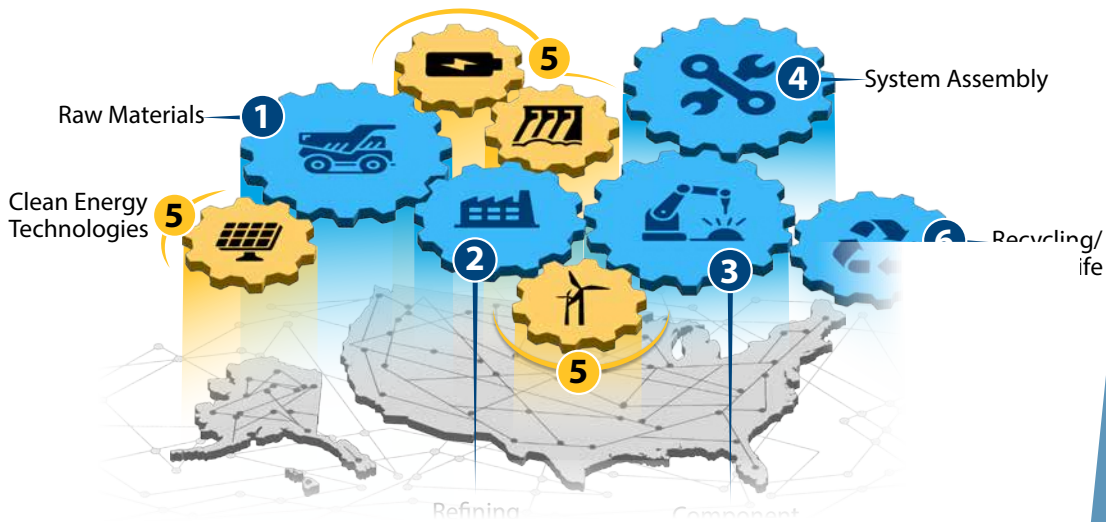
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OFFICE OF MANUFACTURING AND ENERGY SUPPLY CHAINS

Modeling, Mapping, and Analysis Consortium

Integrated Insights Across Manufacturing and Energy Supply Chains



The Modeling, Mapping, and Analysis Consortium (MMAC) consolidates advanced expertise, cutting-edge capabilities, a robust analysis framework, and extensive industry networks to aggregate data, dismantle technology silos, and inform investments in America's energy future.



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MMAC's objective, targeted, and timely analysis of the material supply and manufacturing base helps chart a course to strengthen domestically focused and globally resilient energy supply chains. Our multidisciplinary teams utilize high-performance computing, artificial intelligence and machine learning, visualization tools, and industry engagement to:

- Evaluate growth scenarios for domestic resources, geopolitical trade flows, emerging markets, and suppliers.
- Maintain awareness of key technology enablers.
- Identify opportunities, gaps, and bottlenecks in production and manufacturing infrastructure.
- Assess the impact of technological advances on supply chain constraints.
- Align public and private sector priorities to magnify the impact of infrastructure and workforce investments.



Engage With Us

Visit our website (mmac.nrel.gov) to learn more about MMAC and provide input on how MMAC can better serve industry.

