



Federal Support for Industrial Technology Investments and Clean Energy

In an effort to boost domestic manufacturing capacity in a competitive global market while also investing in transformative new technologies and clean energy, the federal government is investing billions of dollars in manufacturing ecosystems across the country.

While some of this money has already been made available, most of this funding has not yet been rolled out. These coming industrial investments—at least \$80 billion—will support projects over the next 5–10 years that boost industrial productivity while cutting emissions, improving local air quality, and creating well-paying jobs. Funding will be available through multiple government agencies, including the Department of Energy, Environmental Protection Agency, and Department of Commerce.

Major Funding Bills

Energy Act of 2020

Invests in commercial-scale pilot projects for carbon capture utilization and sequestration (CCUS) for heavy industry, invests in research into grid-scale clean energy storage and other clean manufacturing technologies.

Bipartisan Infrastructure Law of 2021

Supports growing market demand for electric vehicle industry by funding a national network of EV charging infrastructure.

Inflation Reduction Act of 2022

Deploys \$10 billion in tax credits to support domestic manufacturing of clean energy technologies and support small, medium, and large company manufacturing investments in energy efficiency and carbon emissions reductions. Leverages governmental buying power to Buy Clean and create market demand for low-carbon products. Includes nearly \$6 billion in cost-sharing for transformative industrial processes.

CHIPS and Science Act of 2022

Supports workforce development for advanced technology careers and invests in a domestic semiconductor supply chain.

As the government continues to announce funding opportunities, states can lay the groundwork today to develop competitive, ambitious projects that address key stakeholder needs.

Successful projects can access federal support to maximize regional private investments in:

- Creating well-paying jobs in hard-hit energy communities
- Building essential public-private partnerships
- Investing in comprehensive workforce training, industrial research, and energy infrastructure
- Installing cutting-edge, clean technologies to boost manufacturing capacity and value chains