



An Advanced Manufacturing Plan to Reinvigorate the Economy

Just as our predecessors created pragmatic and purposeful policies that ushered in a new wave of prosperity during the Industrial Age, we have the opportunity now to fuel a new era of sustainable economic growth for America through Advanced Manufacturing.

Manufacturing employs nearly 13 million people in the U.S., plus another six million in related fields such as the financial, wholesale and logistics industries. No other sector performs more R&D, drives more innovation, exports as much or contributes more to our nation. Advanced Manufacturing will create the semiconductors and microprocessors for our electronics; the wind turbines and solar cells for our energy needs; and the advanced batteries and state-of-the-art medical devices that will remake our future.

With more than 21,000 employees operating throughout the country, Dow understands the strategic policies necessary to reinvigorate the U.S. economy. **Dow's Advanced Manufacturing Plan** is a call to action, providing policymakers with a roadmap to revitalize the U.S. economy, drive job creation, encourage innovation and strengthen American competitiveness globally. While we should not delay incremental policy changes, we must not lose sight of comprehensive reform because the issues are interconnected.

Dow believes any reform must address issues hindering the revitalization of U.S. manufacturing. **In the 112th Congress, Dow is focused on four key policies to implement this Advanced Manufacturing Plan:**

- **Energy:** The U.S. needs to adopt a comprehensive energy policy that ensures markets drive energy demand; conserves through energy efficiency in commercial and residential sectors; allows responsible exploration to maintain stable fuel supplies and prices; accelerates development of alternative and renewable energy; and begins the transition to a sustainable energy future.
- **Trade:** U.S. trade policy must create a level playing field with fair and reciprocal market access with key trading partners. Expanding trade and access to emerging markets will create jobs, growth and opportunities back home.
- **Tax environment:** Congress should establish a more competitive tax rate to incentivize domestic and foreign investment in the U.S., institute a territorial tax system for the overseas operations of U.S.-based global companies to allow them to compete more effectively abroad, and create a permanent R&D tax credit to spur private-sector research spending.
- **Regulatory reform:** Well-conceived, science-based regulations can protect human health and the environment as well as enhance U.S. manufacturing competitiveness. Congress should work with the Administration to address rising structural costs by harmonizing and simplifying rules, enacting performance-based regulations and increasing collaboration with business.

Other key issues to address as part of a comprehensive Advanced Manufacturing Agenda:

- **STEM Education:** Congress should help promote the long-term viability of the U.S. economy by supporting policies that advance skills in Science, Technology, Engineering and Mathematics (STEM) fields.
- **Federal Spending:** Congress should address growing deficits by reducing mandatory and discretionary spending, while sustaining investments in areas that drive the economy and competitiveness.