



Streamlining American Manufacturing Strategy Act

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Endorsed by: National Institute for Innovation in Manufacturing Biopharmaceuticals (NIIMBL), U.S. Manufacturing Innovation Council

U.S. Global Competitiveness Relies On Advanced Manufacturing

U.S. manufacturing has long been a strength of our country, but it has unfortunately declined in recent years. Between 2012 and 2024, the [overall](#) U.S. GDP rose by 34 percent, but manufacturing output grew by only 21 percent. This sector's [share](#) of the economy decreased from 11.3 percent to 10.2 percent in 2024. China is now the number one global manufacturer. However, U.S. companies maintain an advantage in integrating innovative technologies, such as artificial intelligence, into the manufacturing process, which helps grow our advanced manufacturing industry. This industry creates products such as advanced composites that reduce aircraft weight and semiconductor fabrication that powers AI and defense applications.

Advanced manufacturing is crucial to advancing American innovation and bolstering U.S. manufacturing leadership in key industries. Additionally, the U.S. has established various advanced manufacturing initiatives to foster innovation in manufacturing, such as Manufacturing USA. This initiative works to unite industry leaders, academia, federal partners, and other stakeholders to prepare the technologies of the future.

Realigning National Manufacturing Timelines

Unfortunately, these initiatives have created parallel efforts across the advanced manufacturing landscape, resulting in timeline misalignment between two critical efforts. The Manufacturing USA Strategic Plan establishes a 3-year planning cycle for updating the 17 Manufacturing USA Institutes, as mandated by the *National Institutes of Standards and Technology Act*. But the National Strategy for Advanced Manufacturing is updated every four years on a different cycle.

Because these plans are released in different years, stakeholders must contend with conflicting deadlines and metrics that cannot be directly compared. These misaligned reports slow investment decisions, thus leading to competing timelines and efforts in the advanced manufacturing policy space.

The bipartisan *Streamlining American Manufacturing Strategy Act*, introduced by Senators Blunt Rochester and Budd, provides a straightforward solution. It amends the *National Institute of Standards and Technology Act* to align the timelines for updating both efforts to every four years on the same cycle. This alignment ensures a clear set of goals, synchronized data collection, and reduced bureaucracy for U.S. advanced manufacturing stakeholders.

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