



**NATIONAL
ACADEMIES** Sciences
Engineering
Medicine

Options for a National Smart Manufacturing Plan

New technologies are rapidly revolutionizing smart manufacturing with implications for industry, government, and the American workforce. Join the National Academies for a series of three workshops to explore the state of the art in smart manufacturing technology; workforce, education and training needs; and the broader impacts for the U.S. economy and national competitiveness.

Workshop #1: State of the Art in Smart Manufacturing

February 6, 2023; 10:00am-5:00pm ET

[Learn more and register](#)

This workshop will bring together representatives from industry, government, and academia to identify capability gaps, examine cutting-edge technologies, and discuss roadmaps for smart manufacturing.

Workshop #2: Education, Training, and Workforce Needs for Smart Manufacturing

February 28, 2023; 10:00am-5:00pm ET

[Learn more and register](#)

This workshop will examine best practices for curriculum development, upskilling current members of the manufacturing workforce, and training programs that incorporate diversity, equity, and inclusion.

Workshop #3: Broader Impacts of Smart Manufacturing

March 7-8, 2023; 10:00am-5:00pm ET

[Learn more and register](#)

During this workshop, participants will explore a wide range of impacts that smart manufacturing could have on industry, the U.S. economy, and the environment. Topics will include optimization, efficiency, decarbonization, improved U.S. competitiveness, and supply chain resilience.