



Public Affairs & Information Committee
An AIChE Committee

Advanced Manufacturing for the Process Industries

Manufacturing Drives the US Economy



\$2.3 trillion
of GDP



12 million
workers



\$1.2 billion
federal spending



60%
of exports



70%
of business R&D



\$2.4 billion
private sector

The Global Nature of Advanced Manufacturing



Global Response

Global investments in renewable energy (EU), robotics and advanced electronics (Japan), and batteries and electric vehicles (China) are generating technological innovation that impacts US competitiveness.



Growth in US Investment

US manufacturers are investing in digital and modular technologies to improve efficiency, increase resiliency, and decrease the environmental impact of existing products and processes.



Manufacturing USA Institutes

Driving innovations that improve US competitiveness, expand manufacturing and related employment and facilitate more efficient use of energy and input materials.

AIChE® Requests



- **Continue** and expand predictable support for Manufacturing USA programs.
- **Enhance** technology transfer initiatives.
- **Expand** workforce development initiatives.

To learn how to get involved, please email us at
paic@aiche.org or visit aiche.org/paic