Partners & Leaders

• Catalyst Connection improves the growth and profitability of regional manufacturers by sharing industry best practices in lean manufacturing, quality systems, sales, marketing and talent management.

• Pittsburgh Technology Council has developed a community of manufacturers and provides resources for business opportunities to keep companies competitive in global markets.

• America Makes, a national accelerator for additive manufacturing (AM) and 3D printing, is a public-private partnership dedicated to transitioning AM technology to mainstream manufacturing and increasing the nation’s global manufacturing competitiveness; it also educates students and workers to create an adaptive, leading workforce.

• National Center for Defense Machining & Manufacturing promotes the use of cost-effective manufacturing solutions by current, as well as future, U.S.-based producers of Department of Defense systems by using state-of-the-art manufacturing and technology solutions.

Investing in Manufacturing Communities Partnership (IMCP)

The greater Pittsburgh region is one of 24 communities in the U.S. that received an Investing in Manufacturing Communities Partnership distinction from the U.S. Department of Commerce. Distinguished as the Greater Pittsburgh Metals Manufacturing Community, the designation allows our region to access funds to build on existing strengths in metals manufacturing and on the advances in new materials, digital technology and energy.

How the PRA Can Help You

The Pittsburgh Regional Alliance (PRA) offers complimentary, confidential, project management services; a vast professional network; and PittsburghProspector.com to companies considering investing or growing in the region. The PRA is here to help you reduce red tape, eliminate wrong turns and close the deal.
Advanced Manufacturing Assets

Skilled workforce to fuel production

95,000 Sector employment

4,400 Annual engineering grads from 35 colleges and universities and nearby Penn State University

70+ Career & apprenticeship programs

Transportation infrastructure to move your product quickly and efficiently

- Three Class 1 railroads
- Access to six interstate highways
- 2nd-largest inland port in U.S.
- Pittsburgh International Airport

Recent Investments

- 300+ manufacturing-related company expansions or relocations since 2010
- Shell Chemical LP is investing in a multi-billion dollar ethylene cracking facility in the Pittsburgh region, providing an unprecedented opportunity for downstream-related manufacturers.

Companies Growing Here

- Alcoa; ATL Boeing Company; Covestro LLC; Elliott Group; GE; PPG; Universal Electric; Westinghouse; Wabtec

Extensive inventory of industrial sites and buildings

- Ample real estate available – visit PittsburghProspector.com for listings

Moving Our Manufacturing Heritage into the Future

Much of the modern world was built with Pittsburgh-made steel and specialty metals – two historic commodities that put the region on the global map. While grounded in a rich history, our region’s manufacturing sector is focused on wedging its core strengths with future opportunities.

Industry 4.0: Pittsburgh has the assets to help automate, streamline and revolutionize manufacturing around the world

- Robotics/Artificial Intelligence: World-class R&D, an array of public-private partnerships and top talent are among the resources making Pittsburgh a fertile ground for robotics companies.
  - Astrobotic Technologies, Inc.
  - Carnegie Mellon University (CMU) National Robotics Engineering Center
  - CMU Robotics Institute
  - Re²
  - RedZone Robotics
  - Uber Technologies, Inc.

- Cyber Security: Leading-edge technology in the hands of some of the world’s brightest minds – researchers, faculty and students at Pittsburgh’s renowned universities – has created a cyber security hotbed in the Pittsburgh region.
  - CERT Coordination Center
  - CMU CyLab
  - National Cyber Forensics & Training Alliance
  - Pittsburgh High Tech Crimes Task Force (FBI/CERT collaboration)
  - Wombat Security Technologies

- Additive Manufacturing: Advanced materials and recent R&D investments are turning Pittsburgh into a corporate hub of rapid prototyping and on-demand fabrication.
  - Aerotech
  - Alcoa Technical Center
  - America Makes
  - General Electric Center for Additive Technology Advancement
  - Robert Morris University
  - University of Pittsburgh-ANSYS Additive Manufacturing Research Laboratory

General Electric chose Pittsburgh because of its robust R&D in the area, proximity to industry and highly skilled machinists, access to some of the top universities working in additive today and its accessibility to many of our GE businesses in the area. The Center for Additive Technology Advancement will be a central facility for additive manufacturing, and the work we will be doing will further strengthen our GE industrial businesses, domestic and international.

Barbara Negro, Additive Business Leader, General Electric Supply Chain