



ROBOTICS AND ARTIFICIAL INTELLIGENCE

Some call it Roboburgh. Some call it Robotics Row. We call it Pittsburgh. For over 30 years, the Pittsburgh region has been at the intersection of the best talent and the biggest names in tech, making us a world leader in robotics and autonomy. Pittsburgh is home to some of the most prestigious robotics and AI programs in the world, continuing to drive forward innovations that impact a global society. The region has a longstanding history of success in tackling the world's most difficult problems and remains today a living laboratory deploying next-generation ideas. Collaboration is commonplace in our region, and we're excited to discover what's next.

100+
robotics companies

20+
academic and research centers

7,000+
robotics employment

Research Anchoring the Ecosystem

**Carnegie
Mellon
University**

In 1989, Carnegie Mellon University founded the world's first doctoral program in robotics. Its Robotics Institute is the largest university robotics research group in the world and home to the National Robotics Engineering Center (NREC), a world-leader in applied robotic solutions.

Organizations Supporting the Ecosystem



Pittsburgh
Technology
Council



innovation works



ARM
INSTITUTE

The Birthplace of Artificial Intelligence



\$62.7M Invested in Pittsburgh's Robotics Cluster Development

As one of the 21 awardees of the federal Build Back Better Regional Challenge grant awarded by the U.S. Economic Development Administration, the region is investing in development through **ADOPTION** of new technologies in small and medium enterprises, **UPSKILLING** and empowering workers to thrive in an innovation economy, and **COMMERCIALIZATION** acceleration of our cluster's inventions.



ADOPTION



UPSKILLING



COMMERCIALIZATION

Companies Building it Here



RoadBotics

by Michelin

RoadBotics by Michelin combines its knowledge of tire/vehicle uses, driving behavior analysis and computer vision expertise to support smarter and safer mobility.



BOSCH

Situated in Robotics Row, Bosch's Research and Technology Center focuses on projects ranging from cybersecurity to space exploration. Bosch partnered with CMU to launch the Carnegie Bosch Institute, an AI global center of excellence.



gecko
robotics

Gecko creates robotics and software solutions to help organizations around the world ensure the availability, reliability and sustainability of their critical infrastructure.

Aurora

Aurora is delivering the benefits of self-driving technology safely, quickly and broadly. Its core computer system, Aurora Driver, can be integrated into a broad set of vehicle types for autonomous driving.



From Pittsburgh to the Moon

Pittsburgh-based **Astrobotics** is the region's premier space robotics company headquartered in Pittsburgh's emerging outer space and defense innovation district. The company's Griffin lunar lander was selected to deliver NASA's water-hunting VIPER rover to the lunar south pole. Astrobotics is also now developing LunaGrid, a commercial power service designed for the lunar south pole with sustainability in mind.

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Pittsburgh Region. Next is Now. is brought to you by the Pittsburgh Regional Alliance, the economic development organization for the 10-county Pittsburgh region.

Contact Us

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