

NEXT IS NOW.



# 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.

**140+**

robotics companies

**20+**

academic and research centers

**13,000+**

robotics & AI 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, **UPSILLING** and empowering workers to thrive in an innovation economy, and **COMMERCIALIZATION** acceleration of our cluster's inventions.



ADOPTION



UPSILLING



COMMERCIALIZATION

## Companies Building it Here



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



Sarcos uses intelligent mobile robotic systems to improve worker safety, productivity and efficiency. Its product line varies from wearable tech to a heavy-lift system to an underwater robotics system (and more!).



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



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 **Astrobotic** is leading the way in 2023 by launching the first Moon rover since the Apollo program. This is also the first-ever commercially developed and deployed rover being sent to the Moon – all designed, engineered and built right here in Pittsburgh. This lunar logistics company's mission is to unlock space's full potential and democratize access to the next frontier.

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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.

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