

PITTSBURGH GATEWAYS CORPORATION (PGC)

BACKGROUND AND CAPABILITIES



MISSION OF PITTSBURGH GATEWAYS CORPORATION

TO PROVIDE STRATEGIC PLANNING, DEVELOPMENT AND DIRECT MANAGEMENT ASSISTANCE
FOR COMMUNITIES, COMMUNITY-BASED ECONOMIC DEVELOPMENT ORGANIZATIONS,
RESEARCH & ACADEMIC INSTITUTIONS, AND PRIVATE ENTITIES
SEEKING THE ACCELERATION OF BUSINESSES

PITTSBURGH GATEWAYS CORPORATION IS REGISTERED AS A 501(C)(3) NON-PROFIT ORGANIZATION.

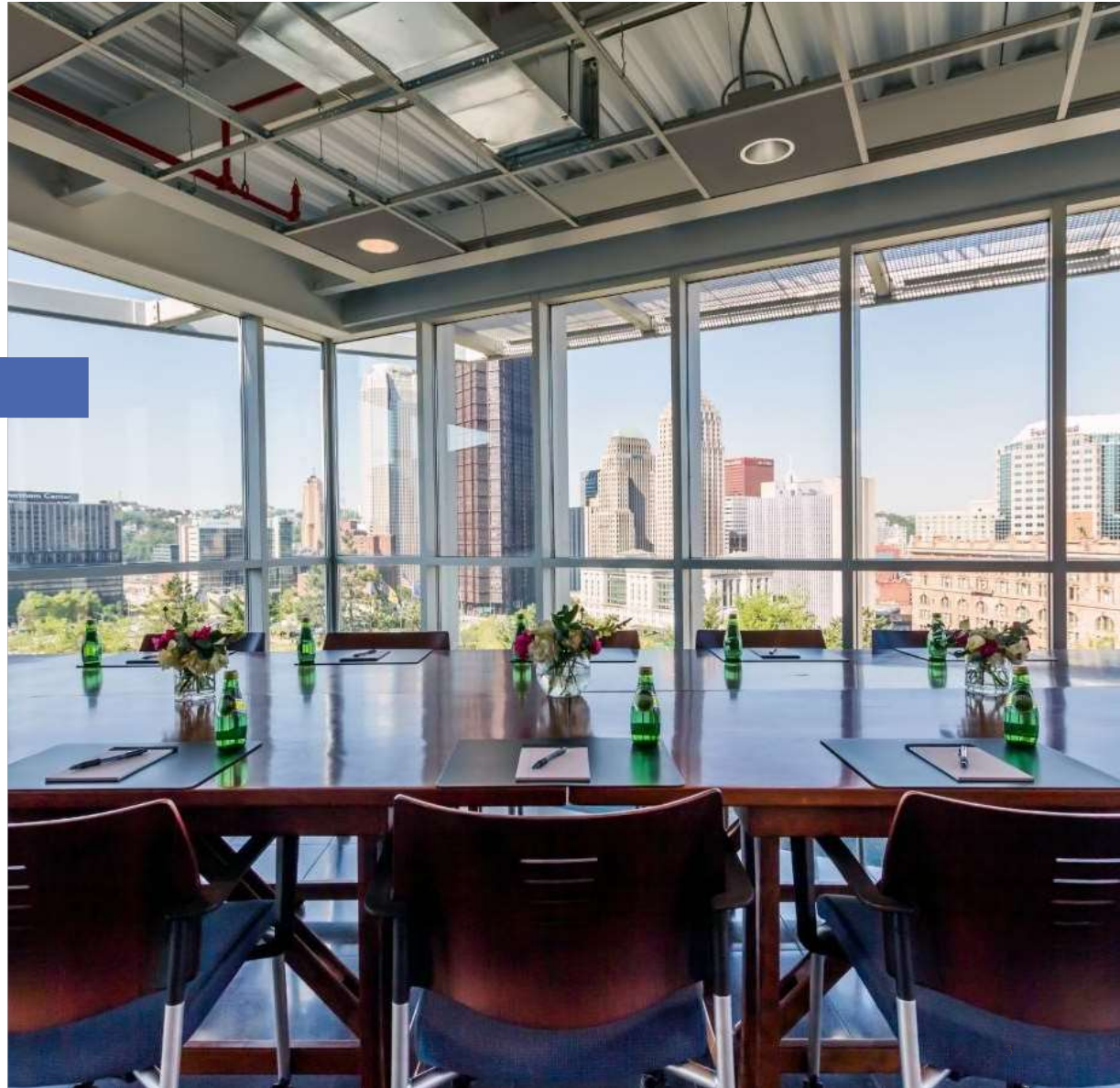
PGC BACKGROUND

Pittsburgh Gateways Corporation

Founded in 1998 with a grant from the McCune Foundation via Neighborhood Partners for Progress.

In our 24-year history, PGC has been proud of its work with early-stage (start-ups), private ventures, and community-based initiatives that connect economic development to underserved neighborhoods.

PGC has extensive national and international experience navigating the incubation process of technology-based, manufacturing, service arts and institution-based commercialization of early-stage ventures and regional initiatives.



PITTSBURGH GATEWAYS

PGC FOCUS AREAS

Entry Level & Incumbent Employee Workforce Training

LEED Certified Real Estate Development and Historical Preservation

Community- and Institution-Based Economic Development

Sustainable Power Generation and Energy Management Systems

Application of Arts and Culture Center Marketing & Management Best Practices

PGC SUCCESS STORIES

Pittsburgh Gateways Corporation (PGC)

- University of Pittsburgh, Swanson Center for Product Innovation
- National Center for Defense Robotics (the Robotics Foundry)
- Entech Innovation Center
- Penn State University Research Commercialization Office
Zetachron Center
- Purdue Research Foundation Gateways Program
- Institute for Computer Assisted Surgery (CASurgica)
- MEMS (Micro Electromechanical Systems) Industry Group
- First Link DOD and DHS Program
- Advanced Manufacturing Technology Ventures
- City University of New York (CUNY) Business Accelerators in
Queens and Bronx
- The 10,000 Businesses Project at LaGuardia Community College,
NY (adopted by Goldman Sachs)



PITTSBURGH GATEWAYS CORPORATION

ENERGY INNOVATION CENTER AND SELECT PROJECTS

ENERGY INNOVATION CENTER (EIC)

- The Energy Innovation Center (EIC) is designed to align workforce development and education, develop and demonstrate technology, engage corporate and community leaders, and incubate businesses, to **support emerging clean and sustainable energy markets.**
- Transformed a vacant property, built in the 1930's into a LEED Platinum Certified beacon for **clean, efficient, sustainable energy solutions and technologies.**
- Located in Pittsburgh's Lower Hill District this 200,000 square foot building functions as a **'living laboratory' for industry-informed education and workforce development.**
- EIC is a center that co-locates diverse tenants, including energy sector corporations, national energy research laboratories, political and community leaders, economic development organizations, and leading academic institutions.
- This 7.0 acre urban complex promotes energy-sector research and innovation while creating direct and deliberate bridges to **job creation, entrepreneurship and urban economic revitalization.**
- The energy technology innovation cluster in the Pittsburgh region has a promising future. World-class capacity exists here in areas ranging from **carbon management to nuclear reactor design, wind turbine manufacturing, materials and sensors, electric power distribution and control, district energy, green building and advanced building systems.**





1930

THEN AND NOW ENERGY INNOVATION CENTER PITTSBURGH



2022

ENERGY INNOVATION CENTER – A LIVING LABORATORY



EIC LEED Platinum Certification

The 200,000 square-foot Energy Innovation Center (EIC), hosts energy-related technology labs for five universities, trade apprenticeship programs, co-working facilities, and other production, design, and workspaces for nonprofit organizations and businesses. The EIC was opened in 2015 in the former Connelly Trade School Building, built in 1930.



Education

Greener efficient production, Facilities management training, Energy efficiencies, greener products



Research

Five University research labs as well as collaborative research, product development, industry specific technology development, sponsored research



Workforce Development

Specialized training, train the trainer, corporate led, certificate programs, customized training



Product Development

Engineering, Rapid prototyping, market analysis, greener, sustainable materials and manufacturing processes



Incubation

Technology spinouts, start-ups, business case analysis, funding strategies, small business and BIPOC business incubation.



Product Demonstration

Display showcase, Alpha testing, Beta (on-line)



WORKFORCE DEVELOPMENT

EICI at the Energy Innovation Center

Training Overview

- New workforce entrant training
- Incumbent worker upskilling and testing
- Executive education

Training Programs

- **Environmental Service Technician** - UPMC
- **Nursing Assistant - Patient Care Technician** - UPMC
- **Healthcare Concierge**
- **BankWork\$** - with Partners4Work, 13 regional banks and the PA Bankers Association
- **Training For Human Thriving** - Highmark
- **Fitters training** - Peoples Natural Gas



BUSINESS INCUBATOR

- **Pittsburgh Gateways Corporation (PGC)** collaborates with the Entrepreneur Incubator Program at the Energy Innovation Center (EIC) through its nonprofit tenant, **Pittsburgh Green Innovators, Inc. (PGI)**. PGI and PGC will work closely to offer early-stage business acceleration assistance to regional entrepreneurs in select business sectors, with a focus on assisting minority, veteran and women entrepreneurs.
- PGI's offices are located within the EIC, which was originally built in 1930 as the home of the historic Connelley Trade School, and that remains today committed to the mission of education and sustainability by **contributing to socially responsible workforce development, the advancement of technology advancement, and diverse and inclusive job creation**. PGI's mission is closely aligned, as it seeks to create and manage programs related to sustainable urban development and creative entrepreneurship.
- The program has identified and serves a cluster of minority, veteran and/or women entrepreneurs (and ventures serving these populations).

MARK CUBAN & THE AI READINESS INSTITUTE AT THE EIC

The Readiness Institute at Penn State enables education, industry and community partners to create experiences to prepare youth for future readiness.

Justin Aglio, senior director of the RI at Penn State (*housed at the EIC Pittsburgh*), said the bootcamp supports this by introducing students to the concepts of AI through educational seminars, interactive lessons and lab exercises.

The Mark Cuban Foundation AI Bootcamp will offer:

- Curriculum that teaches both concept and skills.
- Discussions of the ethical implications of AI in the world.
- Training on creating AI applications with Microsoft's cloud computing platform, Azure.



https://readinessinstitute.psu.edu/programs/mark-cuban-foundation-ai-bootcamp/?utm_source=penn%20state%20news&utm_medium=news%20story&utm_campaign=cuban%20ai%20bootcamp

AI BOOTCAMP MARK CUBAN
FOUNDATION

OTHER PITTSBURGH PROJECTS

CLEMENTE MUSEUM

- The Clemente Museum is housed in historic Engine House 25, located in the revitalized Lawrenceville section of Pittsburgh.
- The Pirates drafted Clemente in 1954 and he rose to become one of the greatest baseball players of his time. Facing both racial and language barriers on and off the field, Clemente rose above the adversity and dedicated his life to helping those in need. **He is remembered for his extreme generosity and empathy for those less fortunate.**
- Engine House 25 has been meticulously renovated, to showcase the world's largest exhibited collection of baseball artifacts, works of art, literature, photographs, memorabilia, and related materials which focus on Roberto Clemente, his teammates, his personal life, and his humanitarian causes.
- PGC led the strategic planning process that uniquely connected four separate elements of a museum into a sustainable destination for local residents and visitors. PGC chairs the Board and leads the annual development activities.

Clemente Museum clementemuseum.com

Engine House 25 eh25.com/about

Michael M. Santiago/Post-Gazette



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Engine House 25 eh25.com/about



AUGUST WILSON HOUSE

- Pittsburgh Gateways serves as owners representative on renovation and construction and provides development assistance for this cultural landmark in the Hill District of Pittsburgh.
- The August Wilson House (AWH) was derelict when August visited in 1999 and still derelict when he died in 2005. Since then it has quickly become a site of cultural pilgrimage, but those pilgrims saw a wreck.
- The AWH was landmarked and initial restoration stopped the decay. Eventually Pittsburgh foundations and government supported restoration of the outer shell, and programming began. PGC supported the in-progress \$5M+ restoration and construction of an outdoor performance space.
- The guiding principle comes from August himself, who often said he didn't want the house to be a museum. If it was going to be preserved, he said, it should be "useful." Thus the mission is to celebrate the literary and personal legacy of August Wilson and **serve as an arts center to nurture the historic Hill District community and arts practitioners and scholars influenced by his work.**
- Ultimately, the AWH will be a catalyst in the Hill's re-emergence, linking with other Hill institutions (some being restored themselves) into a network of revival.

augustwilsonhouse.org/



JOHNSTOWN – STEEL TOWN RENAISSANCE

THEN - CAMBRIA IRON COMPANY AND BETHLEHEM STEEL (1852-1992)



HAER PA-109-A-1



HAER PA-109-A-2



HAER PA-109-F-3

CENTER FOR METAL ARTS – JOHNSTOWN PA

- PGC is the Master Developer for the restoration of (a minimum of) four nationally recognized 1880's buildings to house the Center for the Metal Arts in Johnstown, Pennsylvania. The center will include a **high-skills training campus**.
- The Center for Metal Arts will be the heart of an ambitious Iron-to-Arts Corridor plan to **create a hub for arts and culture**.
- Metals manufacturing and industry remain a key segment for Johnstown **jobs and economic progress**, particularly along Iron Street, where the Center for Metal Arts is located, along with industries such as Johnstown Welding and Fabrication and the nearby Gautier Steel Company.





CENTER FOR METAL ARTS FUNDING

Phase 1 Funding Sources for CMA Restoration and Upfit

- \$2,500,000 – EDA (Economic Development Administration) - Federal
- \$2,000,000 – RACP (Redevelopment Assistance Capital Program) – State
- \$1,500,000 – ARC POWER Grant (Appalachian Regional Commission) – Federal
- \$99,986 – Keystone Construction – State
- \$25,000 – Keystone Planning Grant – State

FUTURE - CENTER FOR METAL ARTS



CENTER FOR METAL ARTS



Architect Rendering



Street View Looking Southeast

FFAFRMAN + ASSOCIATES



CENTER FOR METAL ARTS



Street View Looking Southeast

FFAFRMAN + ASSOCIATES

