



AEROPARK

INNOVATION DISTRICT

where ideas take flight

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What is an Innovation District?

Geographic areas where institutions and businesses cluster with start-ups and incubators to drive innovation, accelerate product development, and assist with commercialization of new technology.

- Facilitate Collaboration
- Promote Cross Pollination of Ideas
- Leverage Institutional Relationships
- Provide Mixed-Use Amenities
- Enhance Walkability
- Create a Strong Identity & Sense of Place











The Rise of Innovation Districts





Innovation Districts Fuel the Economy

- The density of the district allows for walking, biking, and engaging with people on the street.
- The mixed-use nature of innovation districts means workers can live within or close-by, can eat, shop, be entertained. This attracts workers.
- The focus on aviation and autonomous vehicles creates an industry cluster of businesses that can interact with each other within the district.
- Where innovation happens, new businesses form and existing businesses grow.

St. Mary's County has an Approved Master Plan





The Innovation District Master Plan provides a framework and road map to leverage existing assets to fully realize the potential for innovation, economic development, and increased competitiveness.

Components of an Innovation Ecosystem



Economic Assets

Firms, Institutions, and Organizations

Physical Assets

Buildings, Open Spaces, Streets, and Infrastructure

Networking Assets

Relationships, Opportunities, and Activities

Key Assets

- USMSM - SMART Building and MATRIX Lab
- UMD Research and Operations Center
- SMC Airport - Terminal
- TechPort
- Private Sector Firms
- NAWC-AD - SOMD Tech Bridge



USMSM SMART

High-Ceilinged, RF-Shielded Lab
For Air, Surface And Water

Autonomous Platform
Testing

Antennae Farm

Hydrology Lab

Wind Tunnel

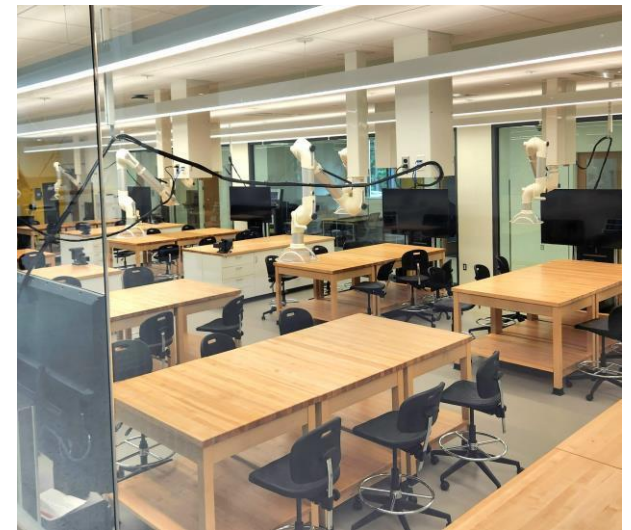
Anechoic Chamber

VR And A/R Capable Rooms

16 State-Of-The-Art Classrooms

Collaborative Learning Spaces

425-Capacity Conference Room







Key Assets



Private Sector Firms

- AirTec
- Pax Aero Solutions
- Atkinson Aeronautics & Technology
- PAE
- ABSI Aerospace & Defense
- Chesapeake Technology Int'l
- MTech Engineering
- Huntington Ingalls Industries
- Nalls Aviation
- ASEC Inc.
- CTSi
- Platform Aero
- IET
- Triton Defense



Private Sector Aviation Firms

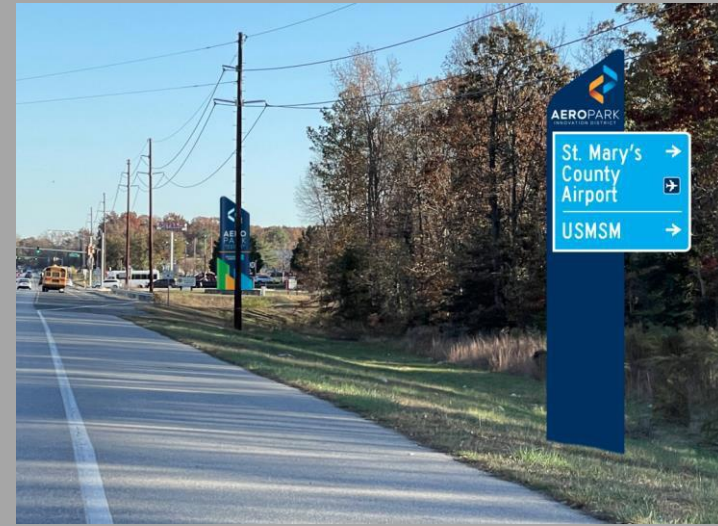


Progress

- Brand Identity
- Initiated Business Association
- Enhanced Terminal to include food service and lease space
- Established Board of Advisors
- Events
- Sign Design



Signage Concepts



What's Needed?



Economic Assets Drive, Cultivate, Support

Innovation Drivers: Research Institutions, Large Firms, and Start-Ups

- › Cutting-Edge Tech, Products, Services
- › High Value and/or Highly Specialized

Innovation Cultivators: Companies and Organizations that Support Growth of Drivers

- › Incubators, Co-Working, Tech-Transfer, Colleges and Schools
- › Professional Services, Attorneys, Capital

Community-Building Amenities: Services for Workers and Residents

- › Medical, Retail, Restaurants, Cafés, Hotels



Physical Assets Organize, Stimulate, Connect

Public and Private Assets

- › Buildings, Streets, Plazas, Parks
- › High-Speed Wired & Wireless Networks
- › Offices, Makerspace, Labs, Retail, Housing

Connections

- › Bike Paths, Sidewalks, Bikeshare, Transit



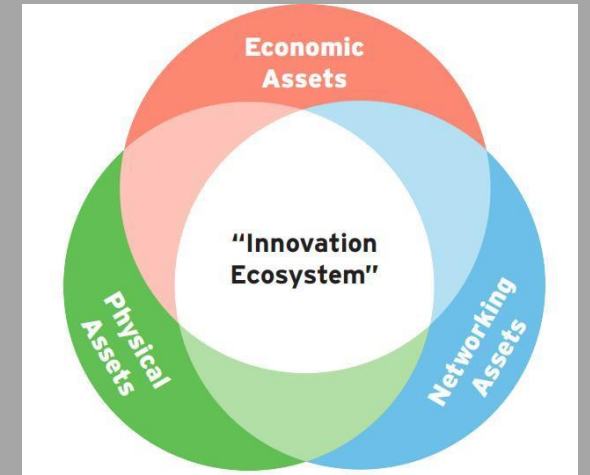
Networking Assets Generate, Sharpen, Accelerate

Building Strong Ties: Strengthen Relationships within Similar Fields

- › Meetups, Trainings, Conferences

Building Weak Ties: Building New Cross-Sector Relationships

- › Networking Breakfast, Hackathon, Social Events, Open Space Designed to Encourage Interaction







Next Steps

- West end development
- Wayfinding - monument gateway signage
- Additional terminal enhancements (internal and external)
- Sidewalks/paths/bikeways
- Schedule more events
- Road connection
- Website/promotion



From the Master Plan



Expanded Services at Terminal



Gateway Monument



Gathering Spaces



Bikeways and Paths

Terminal Enhancements



“Innovation happens over beer, coffee, and conversation!”

Lanny Bates, Director of Campus Development - Brookhaven National Lab



Say yes to
St. Mary's County, MD

PROPELLING BUSINESS



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