



Department of Defense Office of Industrial Base Policy



Defense Industrial Base (DIB) Workforce Development Activities

Office of the Deputy Assistant Secretary of Defense for Industrial Base Resilience
Office of the Assistance Secretary of Defense for Industrial Base Policy
Office of the Undersecretary of Defense for Acquisition and Sustainment

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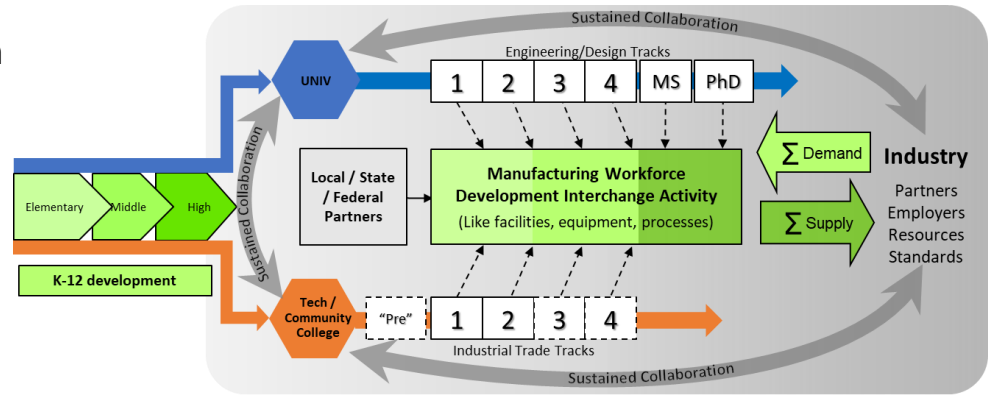


NIIS Approach

Building Capacity & Proven Solutions

- **Initiative launched in 2020 to invest in prototype projects for industrial workforce development (WFD)**

- **WFD ecosystem model** provides common touch point; targets all segments/interfaces
- Facilitates multiple approaches to industrial skills recruiting, ed. & training, retention
- Recognizes interplay of post-secondary education and training tracks
 - University—engineering and design
 - Career and technical—industrial trades



- **Key principle: active, sustained partnering with industry, academia, military departments, federal agencies, state governments**
 - Builds partner communities through hands-on involvement and mutual benefit
 - Increases program’s momentum through unified effort
- **Creating regionally focused activities targeting capacity where skills are most needed**
 - Delivers broad benefits to DIB (private industry) and organic IB
 - Regional efforts intensified/scaled in New England and Virginia (submarine industrial base-focused)
 - Other NIIS investments distributed nationally across multiple regions/locales

Projects stress-test all segments of ecosystem and multiple approaches to meet recruiting, education & training, and retention needs; delivering measurable outcomes in the initiative’s third year.



NIIS Investment Portfolio

Addressing all Segments of the WF Development Ecosystem

IBAS National Imperative for Industrial Skills Funded Projects

- 1** *Electronic Manufacturing Technical Education. (Aeromarc, LLC).* MI, OH, AZ, CA, FL, IN, MA, MI, TX, and WI
- 2** *Defense Precision Optics Workforce Development & Technology Ecosystem. (American Center for Optics Manufacturing, Inc. [AmeriCOM]).* NY and NJ
- 3** *Interdisciplinary Center for Advanced Manufacturing Systems (ICAMS).* (Auburn University). AL
- 4** *System Engineering Technician Program (SET)* (Auburn University). AL and TX
- 5** *Shipbuilding Labor Market Analysis (Gulf Coast).* (Govini). AL, MS, FL, and LA
- 6** *Regional Test Bed CNC/CAD/CAM Program.* (Institute for Advanced Composites Manufacturing Innovation (IACMI-The Composites Institute). TN and NM
- 7** *Accelerated Training in Defense Manufacturing (ATDM).* (Institute for Advanced Learning and Research [IALR]). VA
- 8** *Project MFG.* (RD Solutions). AL, CA, IL, LA, MS, NY, PA, SC, TN, VA, KS, MO, OH, TX, UT, WI
- 9** *NextGen Partnership for Submarine Shipbuilding Supply Chain Workforce Development.* (SE New England Defense Industry Alliance [SENEDIA]). RI, CT, MA, NH, VT, and ME

Map Legend

- ★ Headquarters
- Current Locations
- ⊕ Expected Locations



- 10** *Manufacturing and Skills Development Program.* (Texas A&M Engineering Experiment Station [TEES]). TX
- 11** *Pennsylvania Talent Pipeline Project.* (TMG, Inc.). PA
- 12** *Vermont Technical Manufacturing Collaborative (VTMC).* (Vermont Technical College [VTC]). VT
- 13** *ACENet.* IACMI. NC, FL, KY, MI, NM, NY, RI, TN, TX, UT, VA, and WV
- 14** *Labor Market and Supply Chain Analysis.* (McKinsey/202 Group). AL, SC, CA, and TX
- 15** *Workforce-CTE Data Analytics – Midwest.* (Productive Resources). IL, WI, and MI
- 16** *High Velocity Training Center.* (BG Workforce Solutions). AL and TX
- 17** *Shipbuilding Regional Industrialization Pilot.* (TEES). TX and CT
- 18** *Advanced Manufacturing Technologist Training.* (Umass - Lowell). MA

Skills Imperative efforts meet DIB-dense states' immediate needs and provide proof-of-concept demonstrations to support expansion—over \$300M invested to-date across 25+ projects