

REGION FIVE

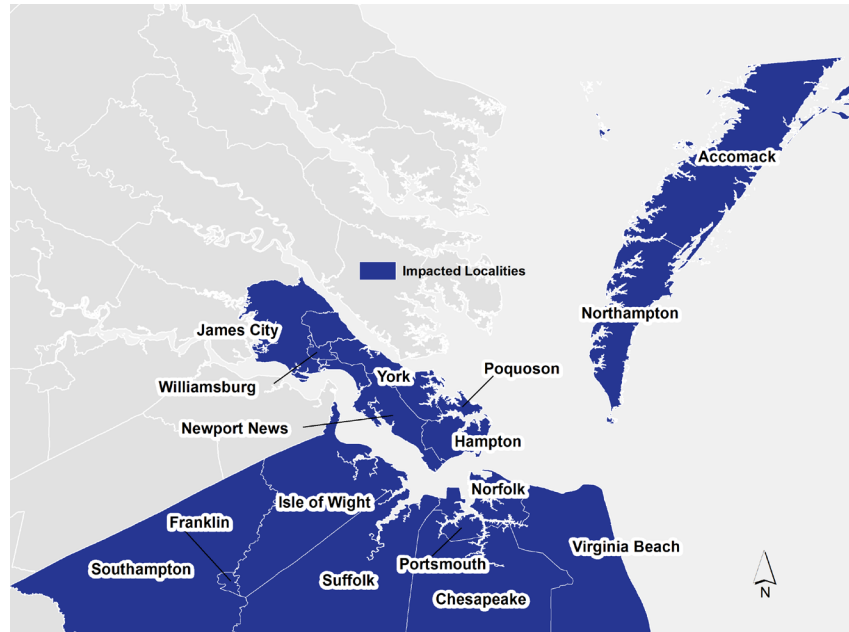
Virginia Digital Shipbuilding Program

Old Dominion University's Virginia Modeling, Analysis, and Simulation Center (VMASC)



VIRGINIA INITIATIVE FOR
GROWTH & OPPORTUNITY
IN EACH REGION

Hampton Roads' advanced manufacturing industry leads the way through Industry 4.0; to support continues success a training program must be established locally that will generate a consistent pipeline of talent for local manufacturers to hire. This project will create a regional and statewide program to train approximately 8,500 future workers skilled craftsmen, engineers, designers, and IT professionals to work in the new digital manufacturing environment and will support Hampton Roads' existing advanced manufacturing and shipbuilding clusters. Digital manufacturing theory and skills will be provided to align directly with the high job demand in the advanced manufacturing sector regionally, statewide, and nationally.



Strategy:
Talent Development and Credentialing

Private Industry Partners:
Siemens and Newport News Shipbuilding

100% of region's population impacted

Other Partners: Virginia Ship Repair Association, Thomas Nelson Community College, Norfolk Naval Shipyard, and Purdue University

Participants:



- ✓ Hampton City
- ✓ Newport News City
- ✓ Williamsburg City
- ✓ James City County
- ✓ Isle of Wright County
- ✓ Virginia Beach City

Targeted Clusters:

- Advanced Manufacturing
- Shipbuilding
- Information Technology
- Business Services

Funding Request:

➔ \$647,540



Total Project Budget:

\$ 6,200,000 ←

Project Outcomes:

- ▶ 8,500 Jobs Created in 5 years
- ▶ \$74,000 Average Salary vs. \$46,192 Average Per Capita Income for the Region
- ▶ Return on Investment (ROI): Increase state revenues by \$6,640,805 over 5 years

