



Industrial Base Policy: An Overview

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ADASD(IBR) National Defense
Industrial Association Engagement

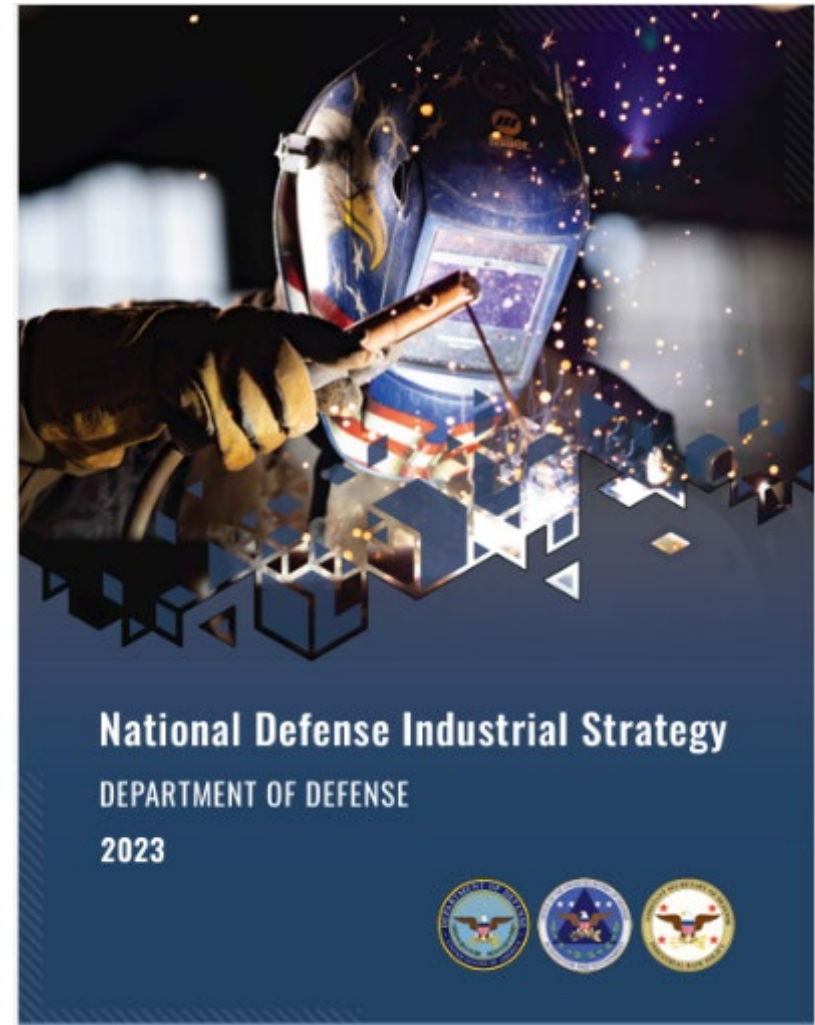
Presented By: 8 April 2024
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Established a Guiding Vision

DoD Issued the First National Defense Industrial Strategy (NDIS) on January 11

- The NDIS is a comprehensive strategy
- Nested under the National Defense Strategy
- Aligns actions within a framework that guides resources & policy development over the next 3 to 5 years
- The next step is to prioritize tasks within the Implementation Plan
- Tasks are developed from specific actions in the report and input received from:
 - DoD
 - Industry
 - Interagency partners





National Defense Industrial Strategy Overview



Defense Industrial Context

National Defense Industrial Strategy

Growing Challenges...



Fragility of Sub-Tier Suppliers



Workforce Shortfall



Underutilization of Multi-Use Technologies



Funding Uncertainty and Constraints



Instability of Procurement

(and more...)

... Require Effective Collaboration

- **Strategy** to promote a resilient, dynamic industrial base
- **Four priorities:**
 - Supply Chain Resilience
 - Workforce Readiness
 - Flexible Acquisition
 - Economic Deterrence
- Priorities serve as beacons for **actions and resource prioritization**



Priorities to Serve as Guiding Beacons

Four Priorities

Resilient Supply Chains

Securely produce the products, services, and technologies needed now and in the future at speed, scale, and cost.

Workforce Readiness

A skilled and sufficiently staffed workforce that is diverse and representative of America.

Flexible Acquisition

Acquisition strategies that strive for dynamic capabilities while balancing efficiency, maintainability, customization and standardization in defense platforms and support systems.

Economic Deterrence

Fair and effective market mechanisms that support a resilient defense industrial ecosystem among the U.S. and close allies and partners and contribute to economic security and integrated deterrence.



Resilient Supply Chains



Actions

Incentivize Industry to Invest in Extra Capacity

Manage Inventory and Stockpile Planning

Continue and Expand Support for Domestic Production

Diversify Supplier Base and Invest in New Production Methods

Leverage Data Analytics to Improve Sub-Tier Visibility

Engage Allies and Partners to Expand Production and Increase Resilience

Improve the Foreign Military Sales (FMS) Process

Enhance Industrial Cybersecurity

Selections from NDIS

- Shape legislation to plan for spare capacity
- Public-private partnerships

- Stockpiles of critical resources
- Effectiveness of working groups

- Innovative funding mechanisms
- Accelerator programs

- Expand relationships with companies and industries not traditionally in the base

- Improve sub-tier visibility
- Expand visibility to all tiers

- Strengthen production relationships
- International collaboration mechanisms

- Collaborate with Commerce and State to enable FMS to drive sustainability

- Build upon and improve current efforts to address challenges and threats



NDIS Supporting Programs

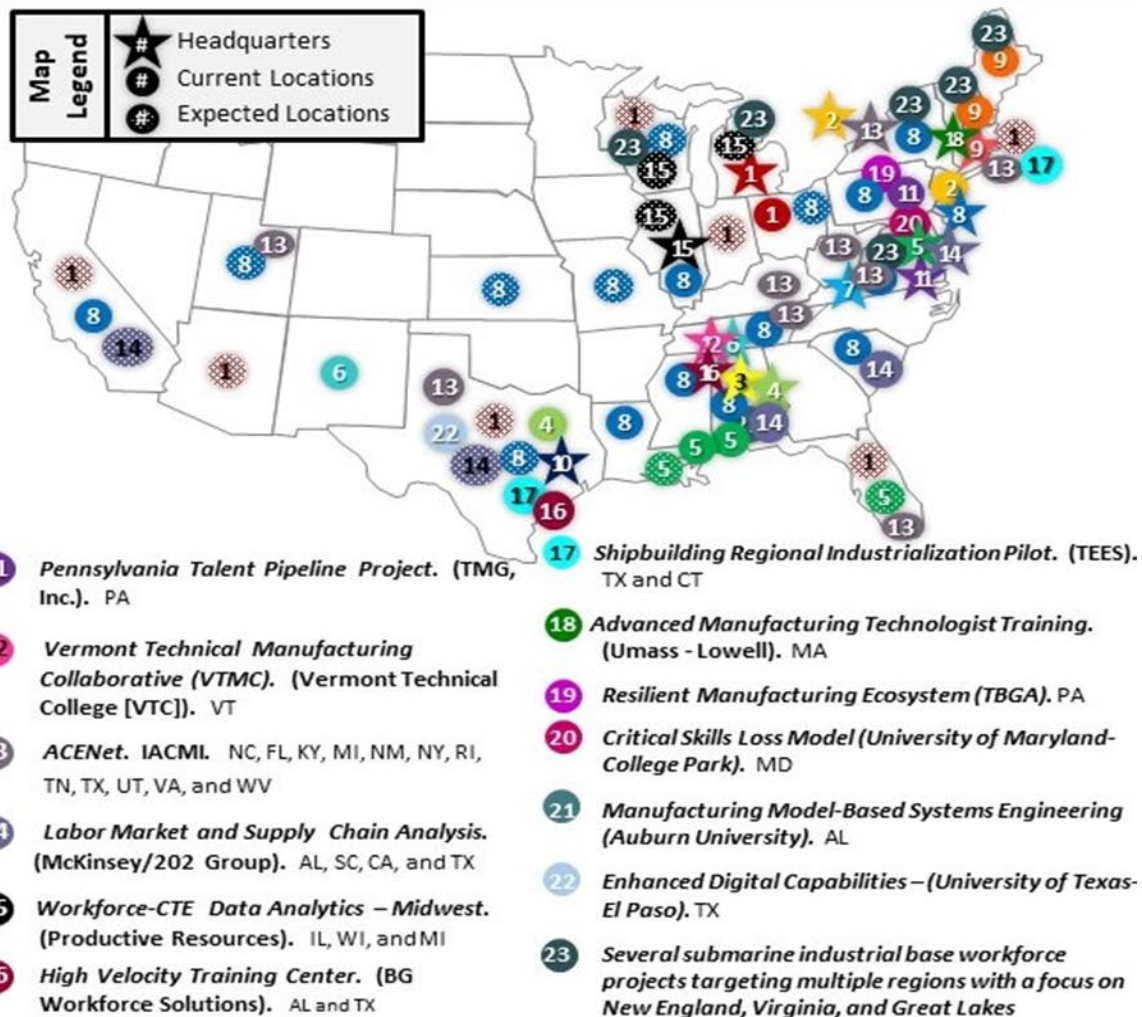
Programs	Description
Mentor-Protégé Program (MPP) (OSBP)	<ul style="list-style-type: none">Helps eligible Small Businesses expand their footprint in the DIB.More than 190 Small Business have benefited from MPP.
APEX Accelerators (OSBP)	<ul style="list-style-type: none">Provide easier access to procurement educational resources and training opportunities free of charge.
Project Spectrum (OSBP)	<ul style="list-style-type: none">Platform that provides the tools and training needed to increase cybersecurity awareness.
National Imperative for Industrial Skills (NIIS) (IBAS)	<ul style="list-style-type: none">Workforce development program that trains, recruits, hires, and retains skilled workers for the DIB.
Cornerstone Other Transaction Agreement (COTA) (IBAS)	<ul style="list-style-type: none">Provides unique capability within DoD to support effective execution of funding for collaborations between DoD Programs of Record and the DIB.



NIIS Investment Portfolio

Addressing all Segments of the Work Force Development Ecosystem

- 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
- 10 **Manufacturing and Skills Development Program.** (Texas A&M Engineering Experiment Station [TEES]). TX



Skills Imperative efforts meet DIB-dense states' immediate needs and provide proof-of-concept demonstrations to support expansion—over \$325M invested to-date across 50+ projects



Questions and Comments?



