



The DoD Manufacturing Technology Program: Transitioning Advanced Manufacturing

For the NDIA Manufacturing Division

Tracy Frost

Director

Department of Defense Manufacturing Technology Program

Office of the Under Secretary of Defense

for Research and Engineering

September 20,, 2023

www.CTO.mil

www.DoDManTech.mil



DoD ManTech Program



DoD Manufacturing Technology Program

Joint Defense Manufacturing Technology Panel (JDMP)



The JDMP reports on manufacturing technology issues of multi-service concern and application to, and receives direction from the OSD Manufacturing Technology Office

JDMP Subpanels

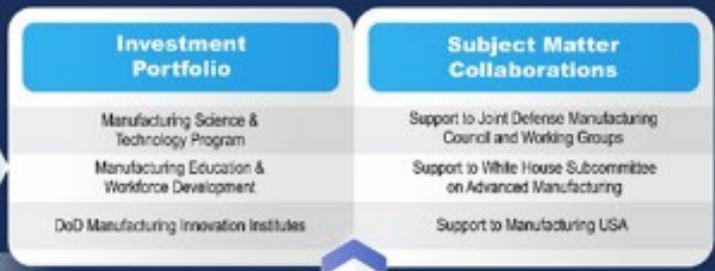


JDMP Working Groups



OSD Manufacturing Technology Office

Director: Tracy Frost



DoD Manufacturing Innovation Institutes





OSD ManTech Investment Portfolio

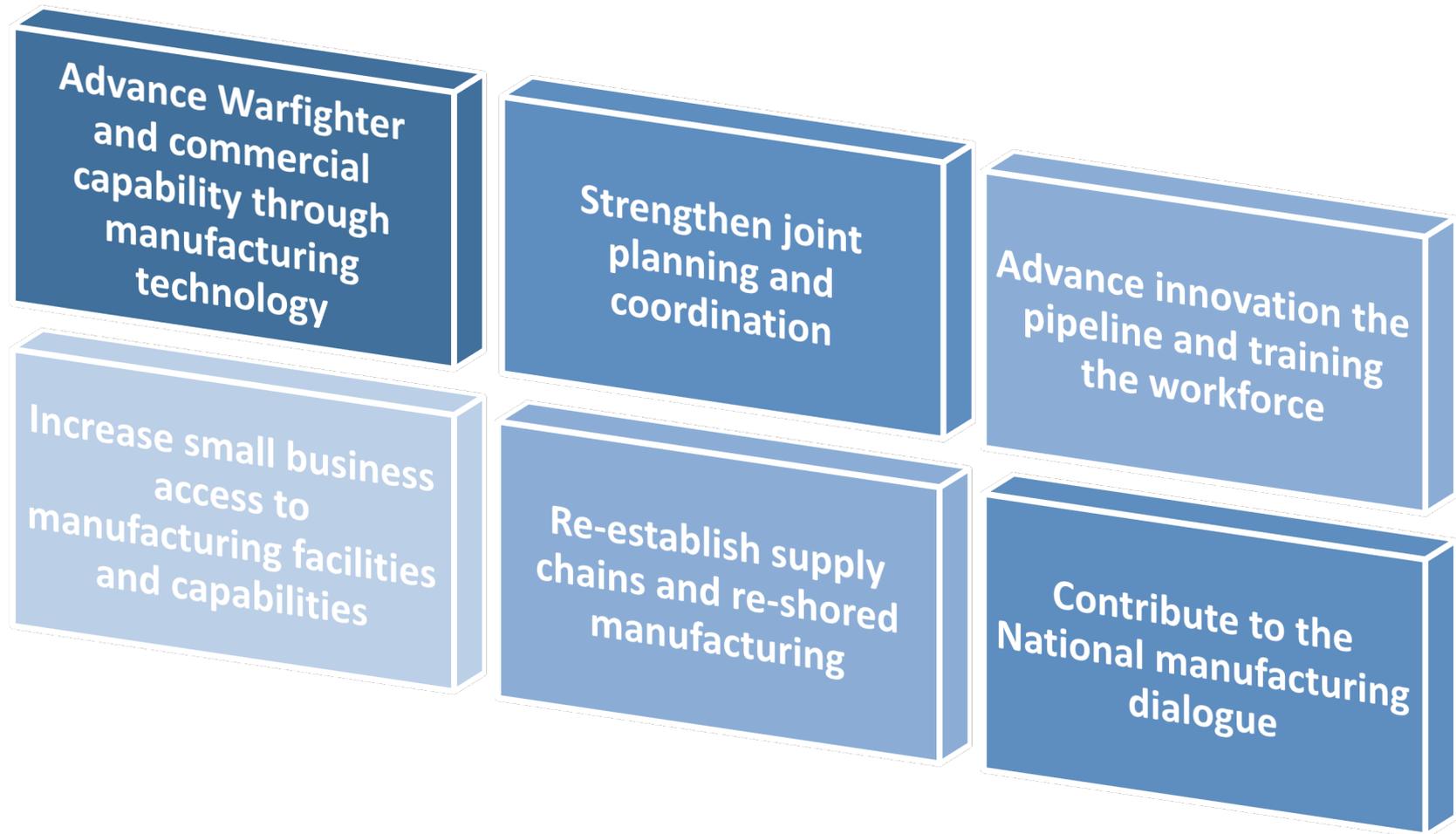
Investment Programs Under PE 0603680D8Z

- P680 – Manufacturing Science and Technology (MSTP)
- P350 – Manufacturing Innovation Institutes (MIIs)
- P351 – Manufacturing Education and Workforce Development

- ✓ Administer the Department of Defense (DoD) Manufacturing Technology Program
- ✓ **Support the Office of the Under Secretary of Defense Research & Engineering's (OUSD(R&E)) critical technology areas**
- ✓ **Maintain a joint planning process and provide centralized guidance through the Joint Defense Manufacturing Technology Panel (JDMTP)**
- ✓ Manage the OSD Manufacturing Science and Technology Program
- ✓ Oversee the Federal government's partnership with the DoD Manufacturing Innovation Institutes
- ✓ Lead the DoD's Manufacturing Education and Workforce Development (EWD) initiatives
- ✓ **Collaborate across the Department and Federal Government to advance manufacturing in the United States**



ManTech Program Focus and Opportunities





For more information...



DoD ManTech Program & Sponsored Institutes

www.DoDManTech.mil



The Manufacturing USA Program

www.manufacturingusa.com/



OSD ManTech Management Team

- **DoD ManTech**

- Tracy Frost, Director, Manufacturing Technologies
(tracy.g.frost.civ@mail.mil)
- Mark Jackson, Senior ManTech Advisor
(mark.b.jackson.civ@mail.mil)

- **MSTP**

- Justin McRoberts, Program Manager
(justin.c.mcroberts.civ@mail.mil)
- Steve Recchia, Deputy Program Manager
(stephen.s.recchia.civ@army.mil)

- **DoD MIIs**

- Steve Luckowski, DoD MII Network Program Manager
(stephen.l.luckowski.civ@mail.mil)
- MicKenzie Frith, DoD MII Network Executive Secretary
(mickenzie.r.frith.ctr@mail.mil)

- **M-EWD**

- Keith DeVries, ManTech Deputy Director
(keith.a.devries2.civ@mail.mil)



For More Information
www.DoDManTech.mil



BACKUP



DoD MII Mission and Vision Chartering Principles

Advancing Research & Technology

Partner with industry to invest in applied research and industrially-relevant manufacturing technologies

Establishing & Growing Manufacturing Ecosystems

Establish regional manufacturing hubs and ecosystems for long-term, national impact

Securing Human Capital

Develop manufacturing-specific education and workforce development resources to ensure innovative technology is manufacturable

- Industry driven, public-private partnerships are a resource for the entire DoD and other Federal Agencies
- Principles support the OSD ManTech congressionally-mandated mission to support the Warfighter while enhancing the U.S. manufacturing base capabilities, expertise, and intellectual property (IP)



DoD Manufacturing Innovation Institutes

Current Manufacturing USA Network

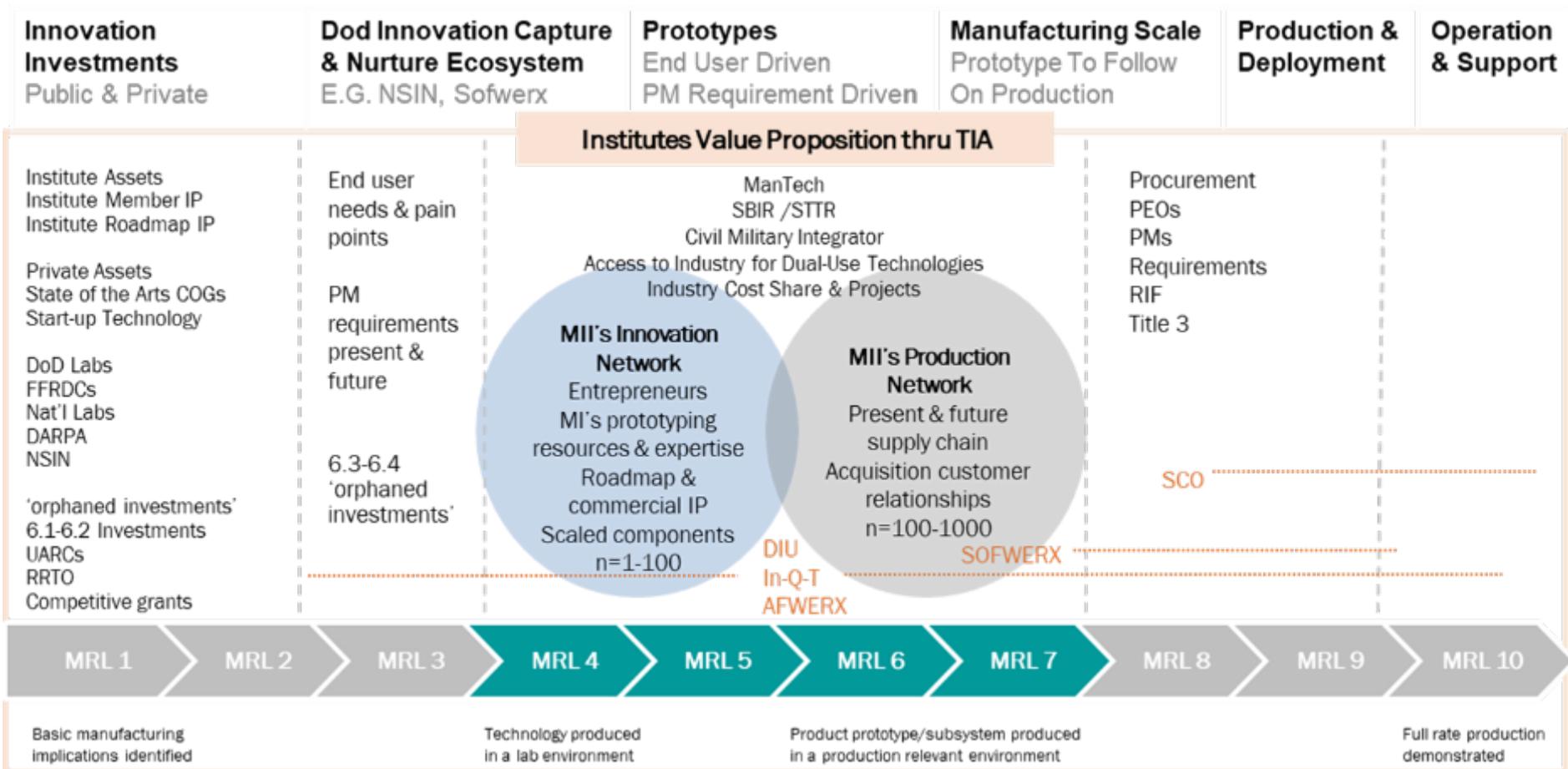


DoD		9 Institutes
DOE		6 Institutes
DOC		1 Institute



Where the DoD MIIs Fit within the Department

The DoD MIIs Help Fill the Self-Imposed Valley of Death



*Created by National Academies of Science for DoD ManTech as part of their report on "Strategic Long-Term Participation by DoD in Its Manufacturing USA Institutes," 2019