

National Semiconductor Technology Center

Workforce Center of Excellence Year 1 Roadmap

Natcast 

U.S. NATIONAL
SEMICONDUCTOR
TECHNOLOGY
CENTER

The views expressed in this publication are those of Natcast and do not necessarily reflect the views or positions of the federal government or NSTC members. Natcast is the operator of the National Semiconductor Technology Center (“NSTC”). The NSTC is powered by CHIPS for America, funded by the Department of Commerce. CHIPS for America will further strengthen the domestic semiconductor industry, protect American national and economic security, preserve U.S. leadership in the industries of the future, create good-paying jobs, and build strong communities here in the United States. For more information, please visit chips.gov.

The NSTC Workforce Center of Excellence

The NSTC Workforce Center of Excellence (WCoE) will be the dedicated anchor institution that brings stakeholders together to better understand the nature of, and find solutions to, the workforce challenges facing the US semiconductor industry.

- Provide services to promote workforce solutions for the U.S. semiconductor industry
- Lead collaborative efforts to increase industry access to talent
- Lead collaborative efforts to increase opportunities for individuals in the industry

Job Categories of Focus

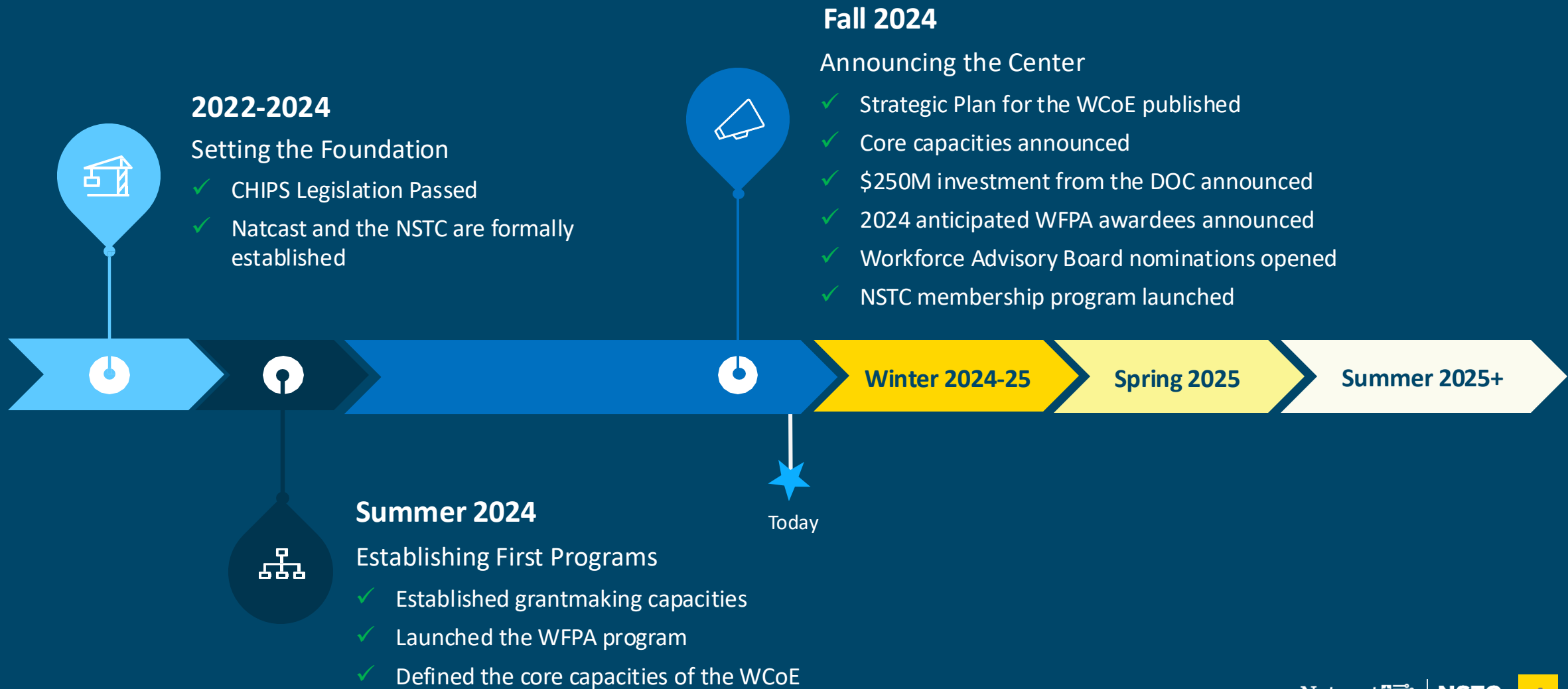
Engineers

Researchers and scientists

Skilled technical workers, including technicians



The Past Year: Laying the Groundwork



The NSTC FY 2025-2027 Strategic Plan



The WCoE's Strategic Objectives

Increase access to effective, industry-driven workforce solutions, including scaling evidence-based sector strategies, through partnerships, funding, and recognition programs.

Unlock actionable insights into the current conditions of the semiconductor workforce.

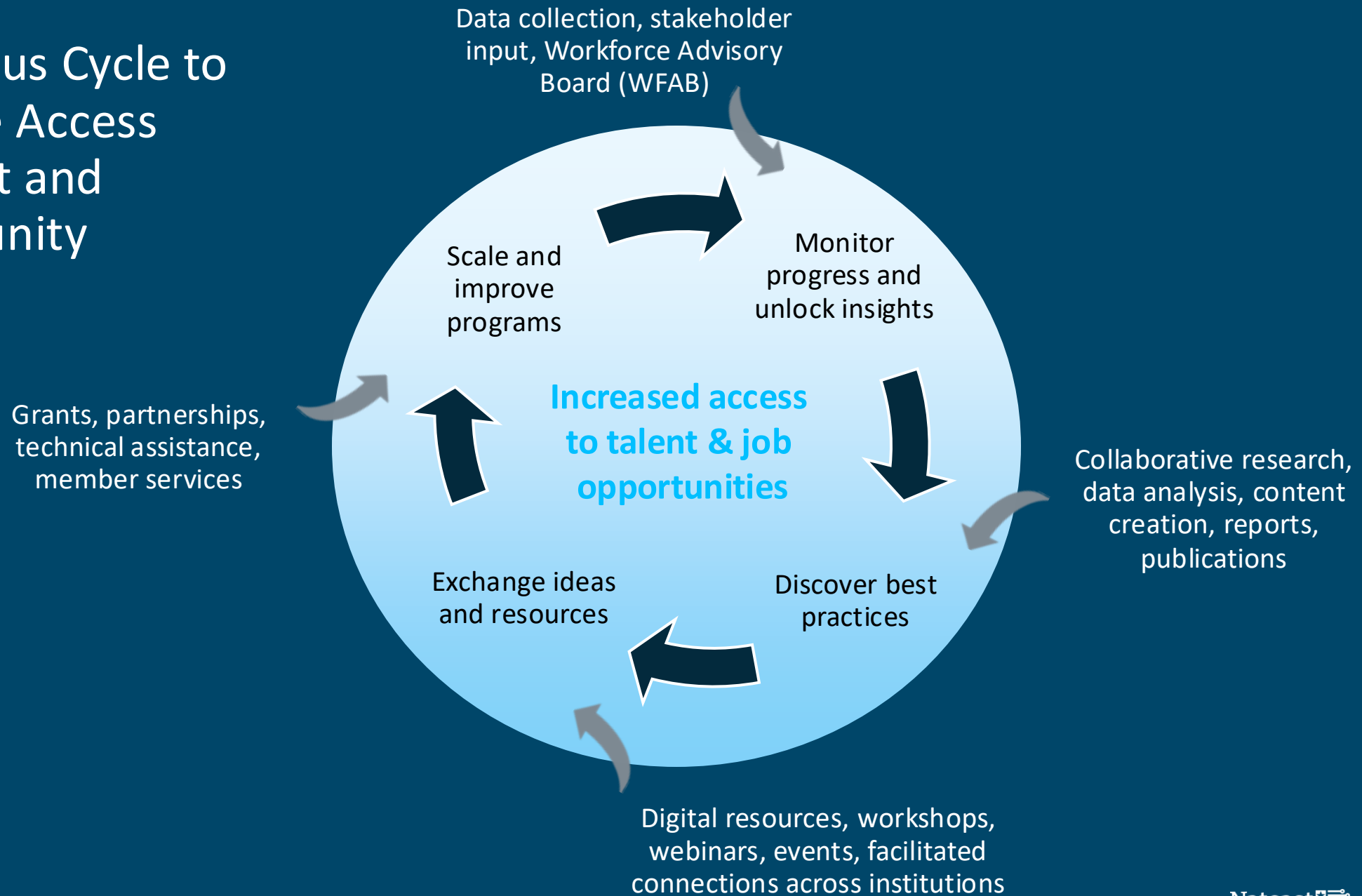
Facilitate the exchange of ideas, insights, tools, and resources among stakeholders in the semiconductor workforce community.

Provide expertise and custom services to stakeholders to support the improvement of regional workforce development ecosystems.

Looking Forward: Implementing the Vision



A Virtuous Cycle to Increase Access to Talent and Opportunity



Stay Engaged

- Become a member of the NSTC by applying today at natcast.org/NSTCmembership
- Sign up for our newsletter by visiting natcast.org/newsletter
- Questions can be submitted to workforce@natcast.org

Thank you!



U.S. NATIONAL
SEMICONDUCTOR
TECHNOLOGY
CENTER