



ManufacturingUSA®

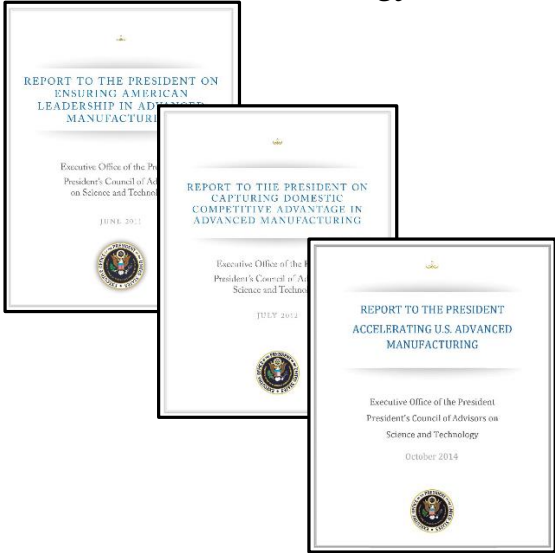
The National Network for Manufacturing Innovation

An interagency team building partnerships with U.S.
industry and academia

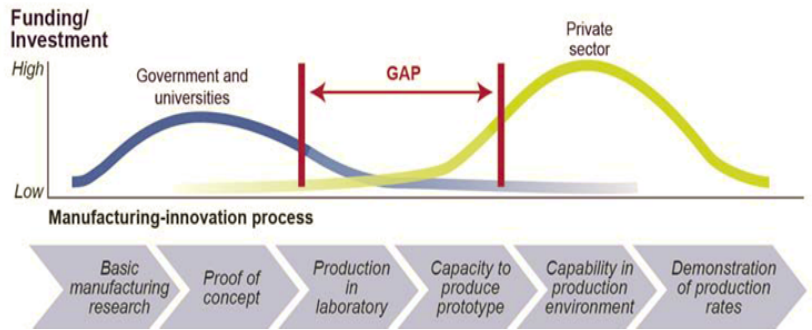


Manufacturing USA addresses national needs

President's Council of Advisors on Science and Technology



Market Failure in Pre-Competitive Applied Manufacturing R&D



Manufacturing USA is broadly bi-partisan

Revitalize American Manufacturing & Innovation (RAMI) Act of 2014



Rep. Tom Reed
R NY-23

Rep. Joe Kennedy
D MA-4



Sen. Sherrod Brown
D Ohio

Sen. Roy Blunt
R Missouri



100 Cosponsors (51D, 49R)



18 Cosponsors (10D, 7R, 1I)

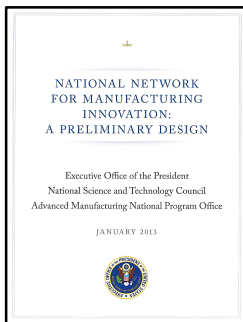
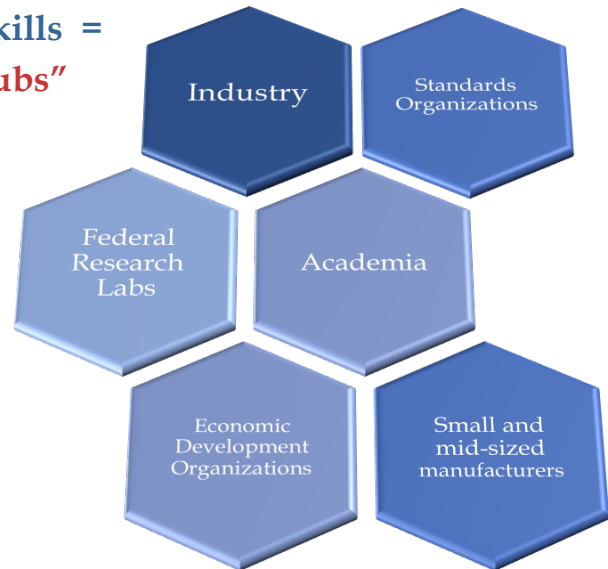
Enacted into law: December 16, 2014



Manufacturing Institute Framework

Applied Research + Education/Workforce Skills =
Development of Future “Manufacturing Hubs”

- Federal funding is the **catalyst** to bring stakeholders into shared space to de-risk innovation.
- Focus is on **industry-relevant problems** impacting commercial production, MRL 4-7.
- Institutes must be **self-sustaining** after federal startup investment ends.
- **Workforce training and development** is an essential component in institute focus.



Framework Design
January 2013

- Federal startup investment: \$70M - \$120M per institute over 5 years
- Institute Consortium owners must have minimum 1:1 co-investment

Progress to Date

- As of today, 14 institutes launched
 - \$1B federal investment matched by over \$2B non-federal
 - over 1,300 members, including
 - Two-thirds of Fortune 50 U.S. manufacturers
 - 8 out of the 10 top-ranked research and engineering universities
 - over 240 major technology development projects

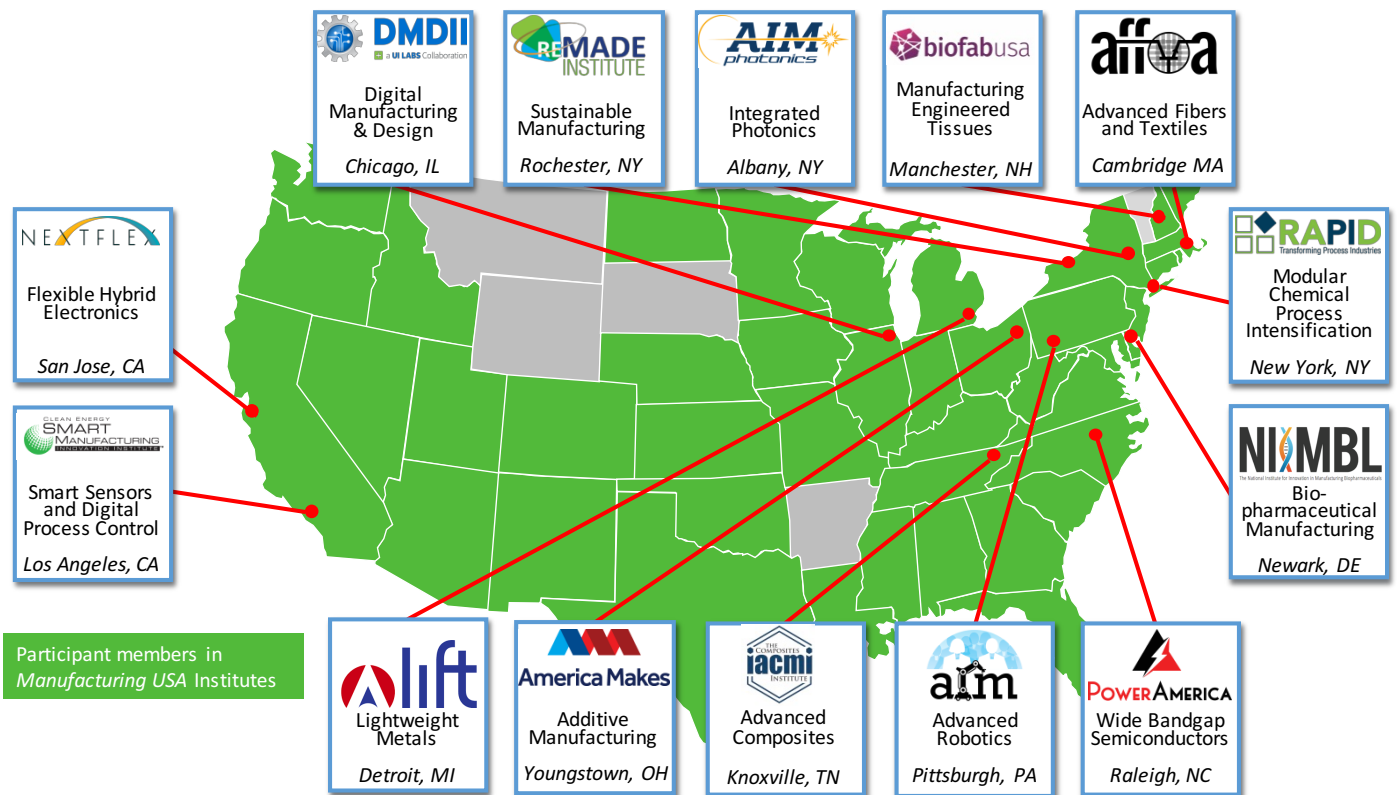


Vision: U.S. global leadership in advanced manufacturing

Mission: Connecting people, ideas, and technology to solve industry-relevant advanced manufacturing challenges, thereby enhancing industrial competitiveness and economic growth, and strengthening our national security.


Goal 1: Increase Competitiveness		
Goal 2: Facilitate Technology Transition	Goal 3: Accelerate the Manufacturing Workforce	Goal 4: Ensure Stable and Sustainable Infrastructure

*The four interrelated Manufacturing USA program goals –
from the 2016-2019 Manufacturing USA Strategic Plan*



 www.ManufacturingUSA.com

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