

# When America Makes America Works

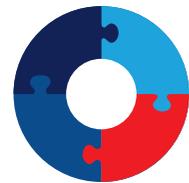


National Additive Manufacturing Innovation Institute

America Makes is the flagship institute for Manufacturing USA, focused on additive manufacturing technology. Our state-of-the-art 10,000-square-foot innovation factory sits in a once shuttered warehouse in downtown Youngstown, Ohio – the heart of the Tech Belt. Our facility acts as a hive of activity for the region, providing our members, especially those that are local, with a cutting-edge research, prototyping, and training facility.



innovation

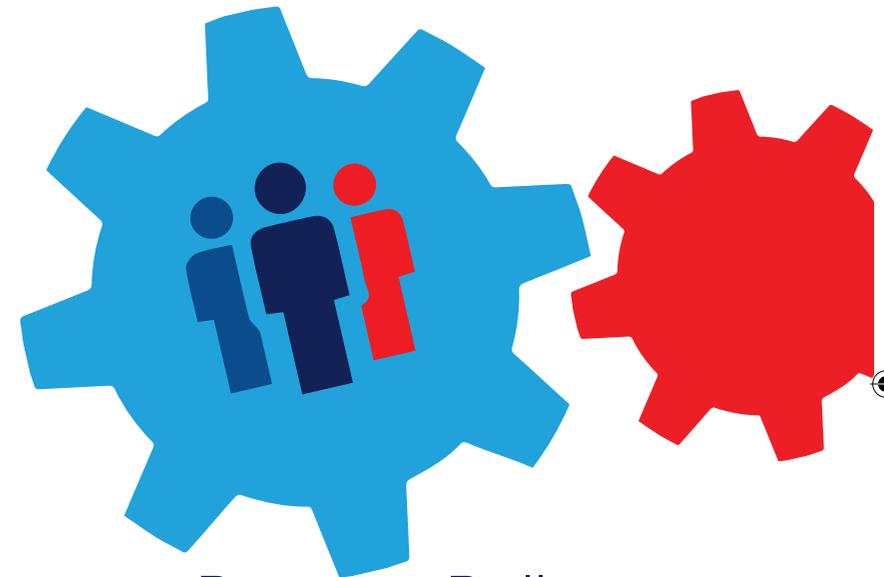


collaboration



manufacturing

America Makes is a project-based research and development Institute. We follow a member-driven technology roadmap, with applied research projects in subjects ranging from materials to processes and certifications. Our project teams are highly collaborative and draw on the strengths of each participating member.



## Bringing Brilliance and Innovation to American Manufacturing



National Additive Manufacturing Innovation Institute

236 WEST BOARDMAN STREET  
YOUNGSTOWN, OHIO 44503

[AmericaMakes.us](http://AmericaMakes.us)

*America Makes is driven by the  
National Center for Defense Manufacturing and Machining (NCDMM)*  
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## Why America Makes

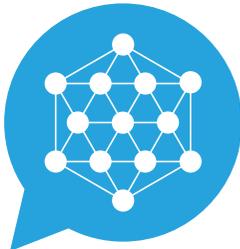
### The Foundation is Laid

In 2012, the formation of the Manufacturing USA (MFG USA) network was announced. America Makes is the flagship Institute of the MFG USA infrastructure.



### The Vision is Simple

We leverage our nation's brilliant technical minds from all corners of government, industry, and academia to create a hub of advanced manufacturing innovation in additive manufacturing and 3D printing.



### The Goal is Bold

We create a truly collaborative environment to bring tech advancements from the lab to the factory floor, create jobs, produce more competitive products, and ultimately, reaffirm our place of leadership in the global manufacturing market.



## Who we are

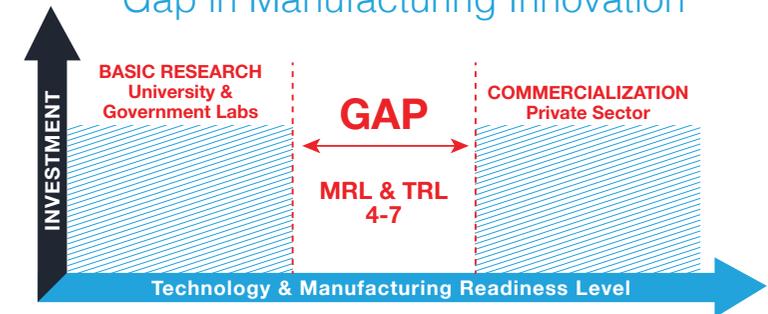
- America Makes is a public/private partnership with significant federal, private industry, and academic investment.
- The partnership is a multi-agency collaboration among industry, government, and universities, led by a Defense-wide Manufacturing Science & Technology team.
- Our innovation facility is based in Youngstown, Ohio.
- Our community is made up of more than 180 members – and growing.
- We are managed and operated by the NCDMM.

## Our Purpose

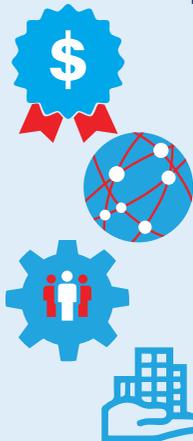
### At our core, our main goal is to “Bridge the Gap”

America Makes addresses Technology & Manufacturing Readiness Levels 4-7 in order to enable technology transition and commercialization through funding innovation projects backed by aggressive, cross-cutting educational outreach and workforce development initiatives..

### Gap in Manufacturing Innovation



## Our Approach to Innovation



**Project Funding:** We are currently leading many member-driven technology roadmap projects, ranging from those in materials, to processes, and integrated value chain. Our project teams are highly collaborative and play to the strengths of every participating member.

**Our Vast Network:** We act as a connector and facilitator among all of our members, and everyone has a seat at the table to contribute and collaborate with us and one another.

**Workforce Readiness:** Training and educational outreach is a priority for the Institute. Every funded project requires an educational outreach component.

**Technology Transition:** We make it real. Every funded project also requires a pilot technology transition demonstration.

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