



Bringing Brilliance and Innovation to American Manufacturing



When America Makes America Works

America Makes is the first institute of the Manufacturing USA network, focused on additive manufacturing technology. Our state-of-the-art 10,000-square-foot innovation factory is located 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.

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.

Why America Makes

The Foundation is Laid

In 2012, the formation of Manufacturing USA was announced. America Makes is the nation’s first Institute of this manufacturing innovation infrastructure.

The Vision is Simple

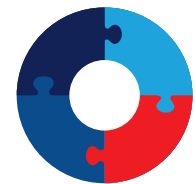
We leverage our nation’s brilliant technical minds from all corners of government, industry, and academia to create a hub of advanced manufacturing innovation in additive manufacturing and 3D printing.

The Goal is Bold

We create a truly collaborative environment to bring technology 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.



innovation



collaboration



manufacturing

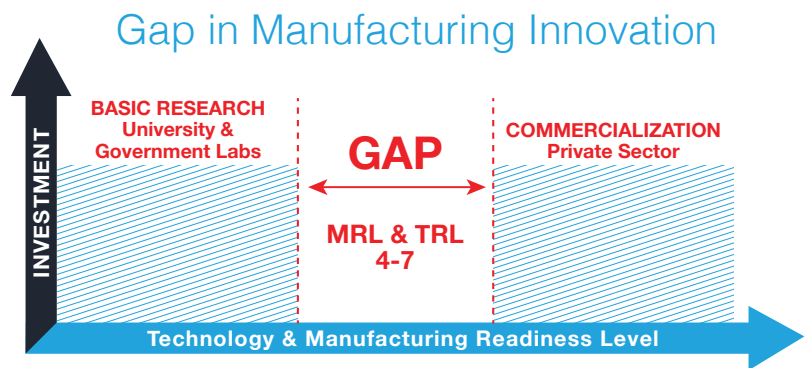
Who we are

- 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 170 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..



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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America Makes



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