



UpstateSCAlliance



1,105

engineered materials companies in Upstate SC



43,500

employed in Upstate SC's engineered materials industry



2,303

manufacturers in Upstate SC



375+

robotics & automation companies



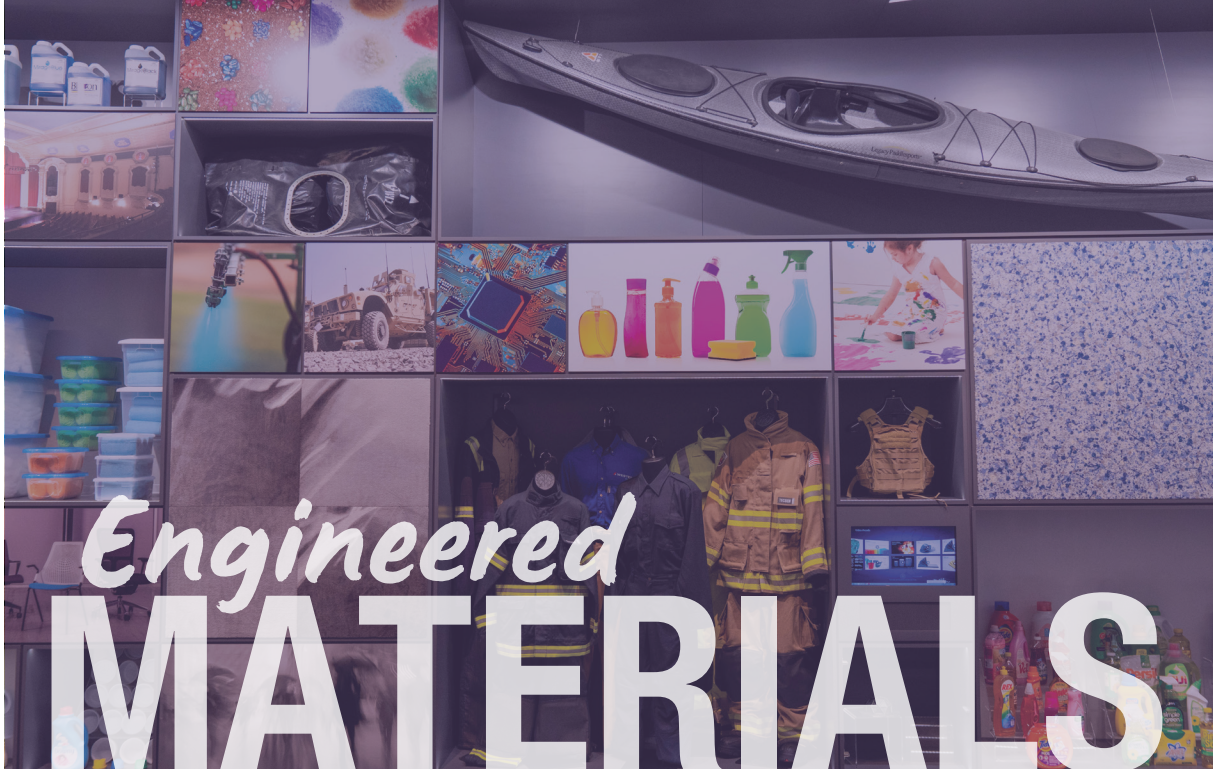
576

international companies



2nd

lowest industrial power costs in South Atlantic region

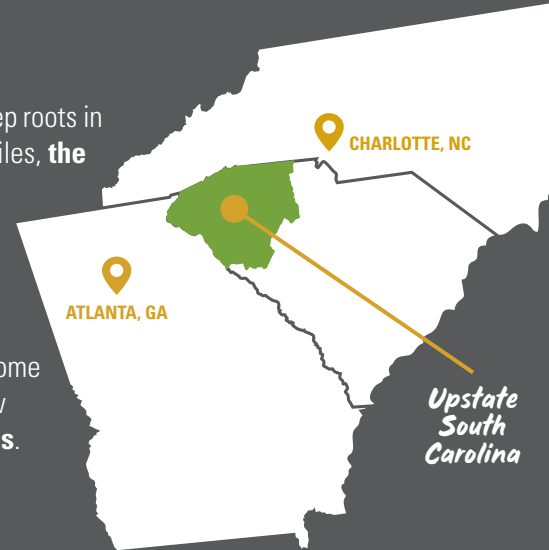


# Engineered MATERIALS

## Lighter. Stronger. Faster.

Engineered materials research and manufacturing has deep roots in Upstate South Carolina. Building on its rich history in textiles, **the Upstate's advanced materials cluster has seen \$2.1 billion in capital investment and 4,600+ new jobs announced in the last five years.**

Upstate businesses are engineering materials that are solving industry challenges and producing materials for some of the world's most complex products — innovations now found in **Boeing's 787 Dreamliner to BMW's X models.** From surfboards to circuit boards, Upstate companies are making materials that are lighter, stronger, and faster.



## Strength in Engineering



2.4x

national concentration for industrial engineers



#6

for high-tech job growth South Carolina



2,053

engineering completions in 2022



10,040

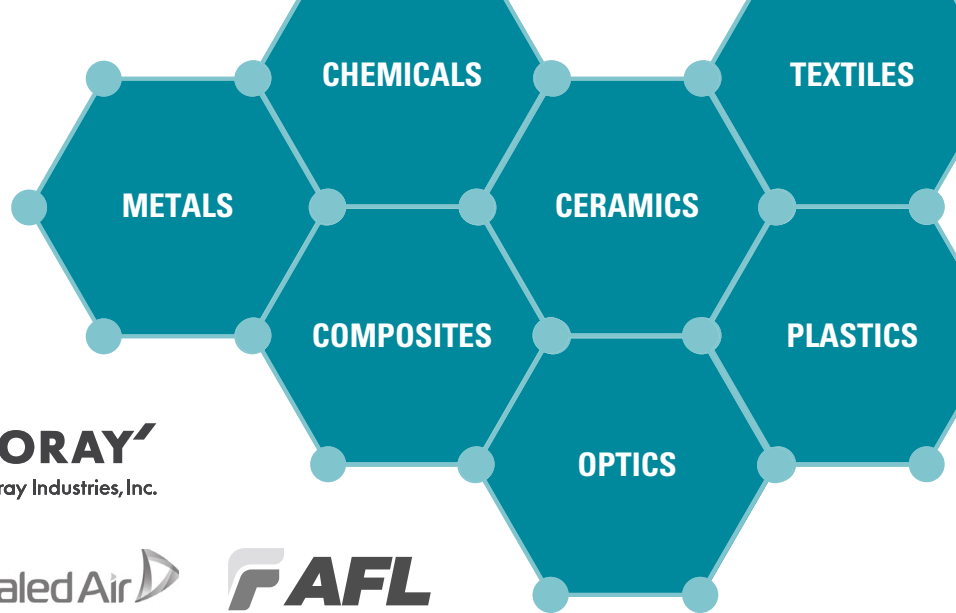
engineering jobs 1.29x national average

“

Deciding where to lay down roots was a big decision, but the partnership offered by state and local officials in combination with access to talent and amenities in the area made it easy. We look forward to growing a world class team and operation in Union County, South Carolina.

**Doug Hardesty**  
CHIEF OPERATING OFFICER,  
MYCOWORKS

# UPSTATE LEADERS IN ENGINEERED MATERIALS



## FUELING THE CLUSTER

From advancing optical connectivity to pioneering bioresorbables to lightweighting solutions for the automotive and aerospace industries, innovation and engineering are fueling the advanced materials cluster in the Upstate. And, our local research institutions are partnering with Upstate companies to support innovative research and engineering that propel industry forward.

### ADVANCED MATERIALS RESEARCH LABORATORY

Clemson's Advanced Materials Research Laboratory (AMRL), a state-of-the-art facility, houses internationally recognized research programs in optoelectronics, chemistry and materials science.



#### Available resources include:

- Electron Microscopy Laboratories
- Optical fiber drawing capabilities
- Laser & chemical laboratories
- Class 100 clean rooms & instrumentation facilities

### McNAIR CENTER FOR AEROSPACE INNOVATION & RESEARCH

University of South Carolina's Center for Aerospace Innovation and Research supports industry through aerospace education, research leadership and industry advancement.



#### Core research areas:

- Composites
- Combustion
- Predictive Maintenance
- Unmanned Vehicles

## RECENT UPSTATE ANNOUNCEMENTS by Capital Investment

COMPANY	CAPEX	JOBS
Toray Industries	\$200,000,000	125
Mycoworks	\$107,000,000	400
Michelin, NA	\$100,000,000	—
Fitesa Simpsonville Inc.	\$100,000,000	40
Pregis	\$80,000,000	120
Michelin, NA	\$75,000,000	—
Milliken & Company	\$75,000,000	—
Sealed Air Corporation	\$70,000,000	—
Glen Raven	\$70,000,000	135
Smurfit Kappa	\$68,000,000	200
3M	\$60,000,000	—
Evrnu	\$51,850,000	65
Fibertex Nonwovens Inc.	\$49,500,000	39
TC Transcontinental Packaging	\$47,000,000	—
Verdeco Recycling	\$43,000,000	79

## CONNECT WITH US

The Upstate SC Alliance is a public-private regional economic development organization. Let our Business Recruitment Team assist you in finding the perfect location, market intelligence or business connections. We support companies of all sizes. Let's talk.

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Business moves here.