



UpstateSCAlliance



22

passenger vehicle OEMs
within a day's drive



250+

automotive
companies



2,089

manufacturers



539

international
companies



300+

robotics & automation
companies



#3

for high-tech
job growth

South Carolina

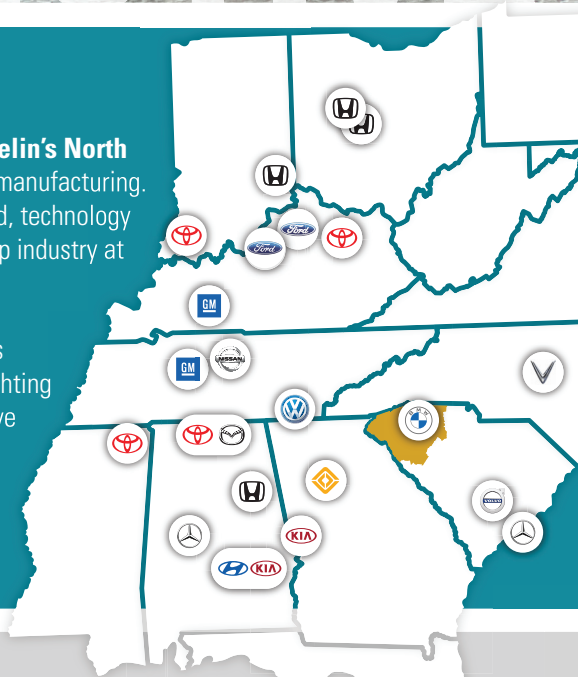


Driving the future of mobility.

Home to **BMW's** largest vehicle production facility. **Michelin's North American** headquarters, research, development and tire manufacturing. **Proterra's** zero-emission electric bus fleet production. And, technology firms like **AWL** that are providing process solutions to keep industry at peak productivity.

More than a production powerhouse, the Upstate region is leading the charge on mobility innovation. From light-weighting to fleet electrification to autonomous systems, collaborative research driven by corporate partnerships is accelerating change in the automotive industry.

It's all happening in the Upstate.



TALENT *with drive*

11,473

STEM graduates in 2020

Automotive
employment
concentration

6.0x

national
average

Industrial
engineering
concentration

2.5x

national
average

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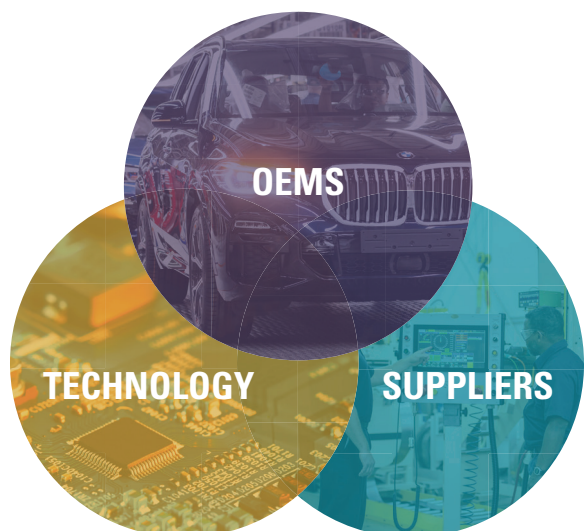
One of the best things we experienced here is the Spark Center SC, which helped us get a temporary office, address & mailing services. Now, having Spartanburg Community College right around the corner supplying us with technical scholar students, mechanics, mechatronics & programmers is a great help for us to develop our talent inside our company.

Per Blohm

FORMER GENERAL MANAGER USA, AWL AUTOMATION

UPSTATE SC: *Where Manufacturing & Technology Intersect*

From suppliers to software providers, companies of all sizes are plugging into the Upstate's automotive landscape.



BMW (OEM)

- World's largest BMW manufacturing facility, established in Spartanburg in 1992
- Employs more than 11,000 at the 7 million square-foot facility
- Produces 1,500+ vehicles daily & exports 70% of production to 125 global markets

JTEKT (Supplier)

- Engineers & manufactures steering systems, driveline components, bearings & machine tools
- Employs 2,000 at five South Carolina manufacturing, research & administrative facilities
- Regional HQ and Technical Center in Greenville on CUICAR Campus

IN-TECH (Technology Solutions provider)

- Creates software solutions to aggregate production specs from multiple IT systems
- Helps quality assurance employees track production milestones & needs
- German-owned technology company established USA headquarters in Greenville in 2013

POWERING MOBILITY INNOVATION

CLEMSON UNIVERSITY'S INTERNATIONAL CENTER FOR AUTOMOTIVE RESEARCH (CU-ICAR)

Automotive companies, university researchers, & next-generation automotive leaders collaborate at CU-ICAR to drive the industry forward. Here, students explore how transportation, advanced manufacturing & energy converge – creating advancements from composite materials to advanced propulsion to connected autonomous systems.

Industry Partners include:



CENTER FOR MANUFACTURING INNOVATION (CMI)

Greenville Technical College CMI is a 100,000 sq. ft. hub where students perfect a range of technical skills through integrated, project-based learning. It's also home to the **Vehicle Assembly Center (VAC)**, a collaboration between CU-ICAR, Greenville Tech, BMW & Siemens.

Industry Partners include:



Training:

- CNC Precision Machining
- Mechatronics & Robotics
- Advanced Manufacturing Technology Applied Baccalaureate

INTERNATIONAL TRANSPORTATION INNOVATION CENTER (ITIC)

An open, secure, and collaborative automotive test bed, ITIC is a non-profit facility where OEMs, suppliers, researchers & start-ups can test & validate mobility solutions. With a broad configuration of test areas and services for developing megatrends such as vehicle automation, connectivity & electrification, ITIC propels industry R&D.

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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#1

**AUTOMOTIVE
EXPORTER**
IN THE US BY VALUE
South Carolina

RECENT UPSTATE ANNOUNCEMENTS

COMPANY	CAPEX	JOBS
ZF Transmissions Gray Court	\$200,000,000	500
BMW	\$200,000,000	200
Michelin, NA	\$175,000,000	—
Oshkosh Defense	\$155,000,000	1,078
BMW	\$100,000,000	—
Proterra	\$76,000,000	217
Magna Mirrors	\$31,250,000	174
Trane Technologies Thermo King	\$30,000,000	220
Plastic Omnium Industries, Inc.	\$27,000,000	—
Alupress	\$20,570,000	79
Gissing North America	\$18,700,000	116
Plastic Omnium	\$17,700,000	76
ILGIN USA Corp.	\$13,300,000	89
Bosch Rexroth Corp	\$12,833,000	60
Auria	\$12,479,000	103
STAR EV	\$8,750,000	50

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