



UpstateSCAlliance



33

passenger vehicle OEMs
within a day's drive



250+

automotive-related
companies



#1

automotive exporter
in the U.S. by value
South Carolina



2,234

manufacturers



576

international
companies



375

robotics & automation
companies



Driving the future of mobility.

Home to **BMW's** largest vehicle production facility. **Michelin's North American** headquarters, research, development and tire manufacturing. **Oshkosh Defense's** production of next-generation delivery vehicles. 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 **composite materials to alternative fuel sources 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*

Automotive employment
concentration

6x

national average

Engineering
technician
concentration

1.6x

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

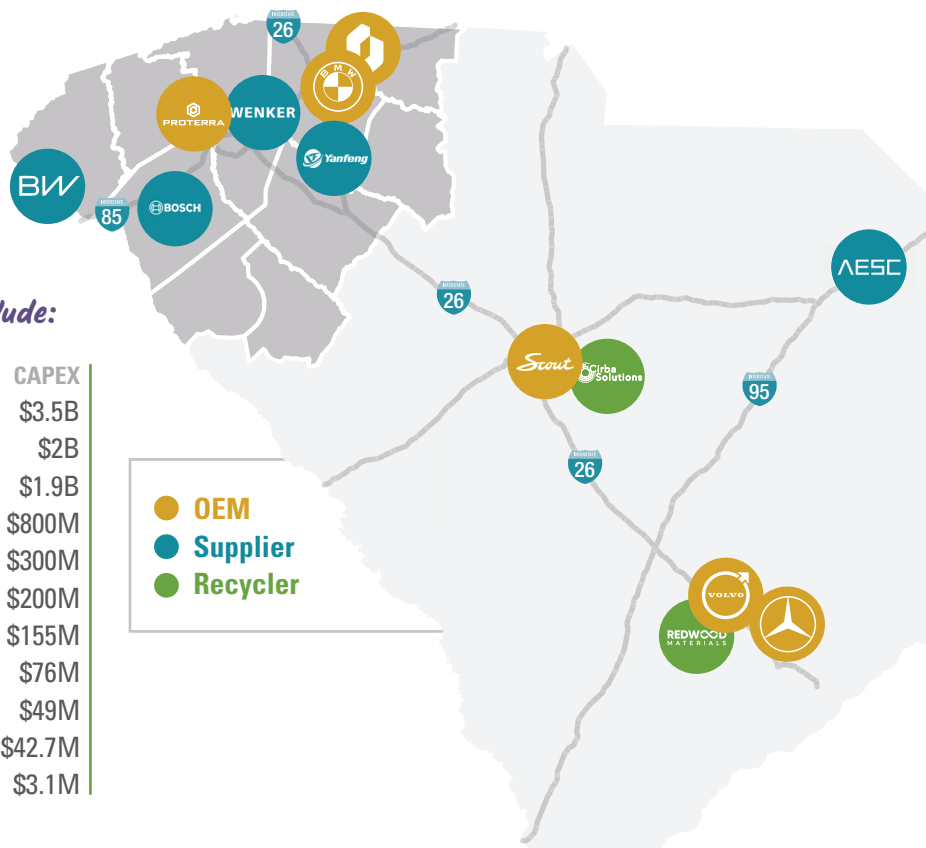
FORMER GENERAL MANAGER USA, AWL AUTOMATION

CHARGING FORWARD IN SOUTH CAROLINA

Upstate SC has seen **\$3.9 billion in automotive investment in the Upstate over the last five years** as existing companies ramp up and new companies plug in.

Recent statewide automotive announcements include:

COMPANY	FOCUS	CAPEX
Redwood Materials	Battery Recycling	\$3.5B
Scout	EV Trucks & SUVs	\$2B
BMW	EV SUV & Battery Assembly	\$1.9B
AESC	Battery Production	\$800M
Cirba Solutions	Battery Recycling	\$300M
Bosch	Hydrogen Fuel Cells	\$200M
Oshkosh Defense	U.S. Mail Delivery Vehicles	\$155M
Proterra	EV Bus & Battery Production	\$76M
Yanfeng	Interior Components	\$49M
BorgWarner	Battery Production	\$42.7M
Wenker	US Headquarters	\$3.1M



POWERING MOBILITY INNOVATION

CLEMSON UNIVERSITY INTERNATIONAL CENTER FOR AUTOMOTIVE RESEARCH



Cutting-edge mobility technologies and the next generation of engineers are emerging from this 250-acre collaborative research park, home to Clemson's Department of Automotive Engineering.



CU-ICAR has awarded **800+ Masters degrees and 100+ Doctoral degrees**, and has established an **Undergraduate program with a focus on EV and autonomy**.



And with 67% of research sponsored by industry, Clemson minds are creating advancements in composite materials, advanced propulsion, connected autonomous systems, and battery materials, manufacturing, management and integration.

COLLABORATIVE RESEARCH: REVVED

"Revolutionizing Electric Vehicle Education" through evidence-based research to investigate integration of virtual and augmented reality systems to support **electric vehicle manufacturing and education**.



Industry Partners



DAIMLER



MICHELIN



PROTERRA



Education Partners



CLEMSON
UNIVERSITY



Greenville
Technical College



SPARTANBURG
Community College



TRIDENT
TECHNICAL
COLLEGE

INTERNATIONAL TRANSPORTATION INNOVATION CENTER (ITIC)

The Southeast's premier mobility testing ground, iTiC is a nonprofit facility where OEMs, suppliers, researchers and startups can test and validate mobility solutions.



1-mile asphalt
straightaway



1,700-foot
durability track



Fast charging
for EVs



3-mile
speed oval

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Business moves here.