



**UpstateAlliance**  
SOUTH CAROLINA  
The Right Climate For Global Business.



## AUTOMOTIVE

Business Climate  
& BMW

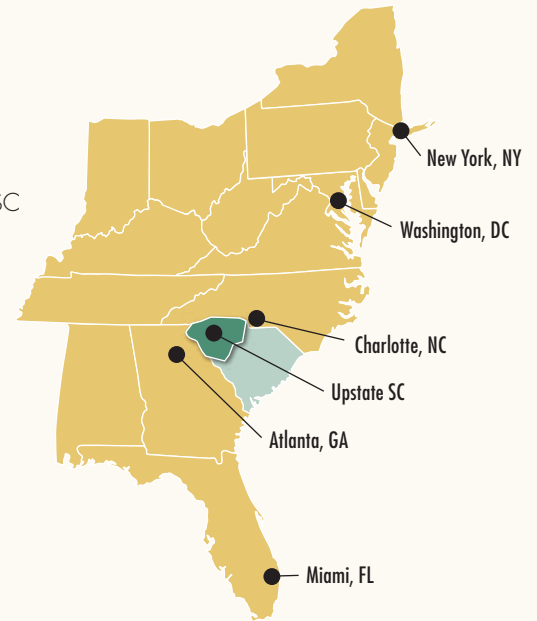
Workforce



## Upstate Automotive Innovation

More than 150 automotive-related companies have chosen Upstate South Carolina for its progressive climate, dynamic workforce and research partnerships. As a long-standing leader in automotive manufacturing and research, Upstate SC continues to leverage its resources to provide a more fertile environment for the industry.

Located in the northwestern corner of South Carolina, Upstate SC is not only strategically positioned between two of the largest cities in the Southeastern United States - Charlotte and Atlanta - but it also provides an unmatched quality of life to its 1.3 million residents. With excellent schools, diverse dining options and a multitude of cultural and recreational opportunities, it's easy to see why people are blown away by Upstate South Carolina.



### SELECT COMPANIES:

BMW Manufacturing, Borg Warner, Behr Climate Systems, Freightliner, Lear Corporation, Michelin North America, Robert Bosch Corp, Timken

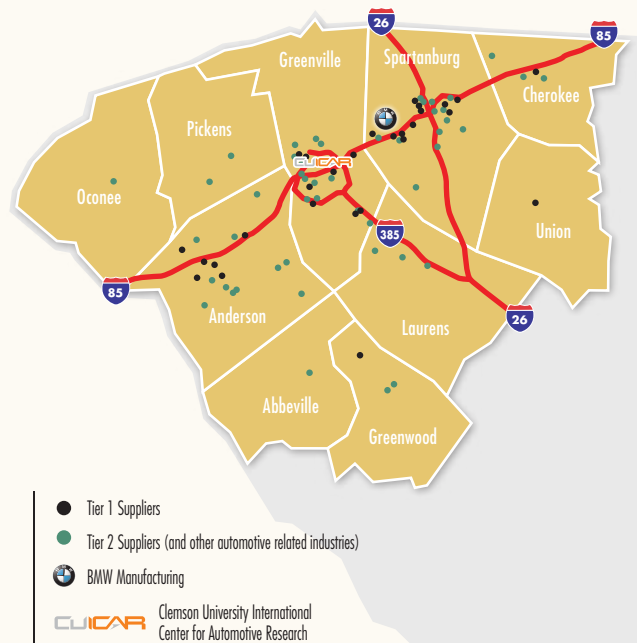
## BMW and the Upstate



BMW Manufacturing

Since its groundbreaking in 1993, BMW and its \$3.7 billion investment have continued to have a significant impact on Upstate South Carolina. Being the economic engine that it is, BMW currently supports over 23,000 jobs and generates \$1.2 billion in wages and salaries annually in SC. In addition, construction is currently underway to build a 1.5 million sq ft expansion to the facility. This expansion will allow the facility to increase production to 240,000 units by the year 2012.

- Named "Top Plant" in 2006 by Plant Engineering magazine
- Products: X5 Sports Activity Vehicle, X5 xDrive35d, and the X6 Sports Activity Coupe
- More than 40 of BMW's tier 1 suppliers are located in Upstate SC





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## Building the Workforce of the Future Collaboration at CU-ICAR

A 250-plus acre research campus where collaboration is fostered in neighborhoods of non-traditional classrooms, research and development centers and production facilities.

The end product is a highly-trained individual well versed not only in the technical applications and business fundamentals that surround the automotive industry but also the most cutting-edge methods involving the following disciplines of automotive engineering:

- Automotive Design & Development
- Manufacturing
- Systems Integration
- Vehicular Electronic Systems Integration



### ON-SITE PARTNERS:

BMW ITRC, SEA, INTEC, Ozen Engineering, Inc., CADFEM, EnginSoft, Timken

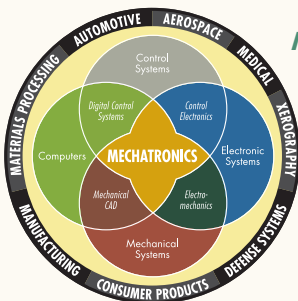
### TECHNOLOGY NEIGHBORHOOD

- **BMW Information Technology Research Center** – 84,000 sq ft facility provides a platform for joint innovation projects-6 secure research zones, IT operations center and research lab.
- **Innovation Place** – Location of the southern office for the Society of Automotive Engineers (SAE).
- **Carroll A. Campbell Jr. Graduate Engineering Center** – 90,000 sq ft graduate building that houses the automotive engineering graduate program and is the center for systems integration research activities. More than \$40 million in state-of-the-art automotive testing and analysis equipment.
- **Timken** – 118,000 sq ft technology center within the global Bearings & Power Transmission business.

## Collaboration at TechReadySC

### TechReadySC

A regional collaboration set out to build a more competitive workforce in the Upstate by meeting the demand for the advanced economies human performance needs.



### Mechatronics Program

The Mechatronics program is a flexible, multi-technological approach in the integration of Mechanical Engineering, Computer Engineering, Electronics and Information Sciences. Specialty certificates and an associate's degree in the area of mechatronics technology are offered at any of the five Upstate area technical colleges.

### ReadySC

- South Carolina's consistently top-rated workforce training program
- Provides customized training solutions for new and expanding companies
- Served over 250,000 trainees and 2,000 companies since 1961
- Served the following auto-related companies: BMW, Bosch, BF Goodrich, Honda, and Michelin



Our state-of-the-art web-based mapping application allows users to run detailed searches of the Upstate's sites & building database, create custom demographic reports and manipulate maps of the region.