

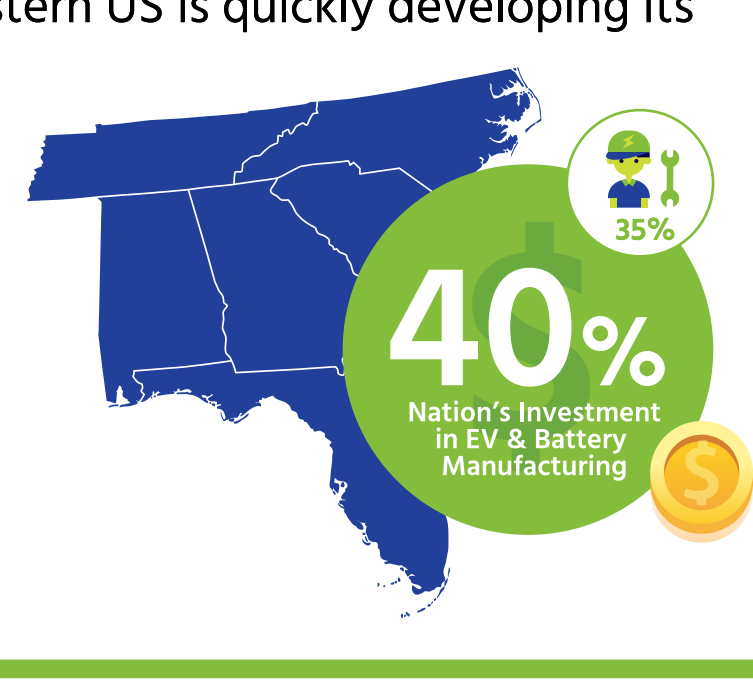
Leading the Charge: A Visual Guide to the Southeast's EV Landscape

Introduction/Background

Across the world, Electric Vehicles (EVs) are dominating conversations about modernization and building a more sustainable world. They're poised to change the automotive industry as we know it. The United States has quickly become a hub of EV development. Under the Build Back Better plan, President Joe Biden has set a goal for half of all new vehicles sold in the U.S. in 2030 to be zero-emissions vehicles.

While people usually think of the West Coast and Silicon Valley as the predominant engine of technological advancement, the Southeastern US is quickly developing its own reputation in the EV movement.

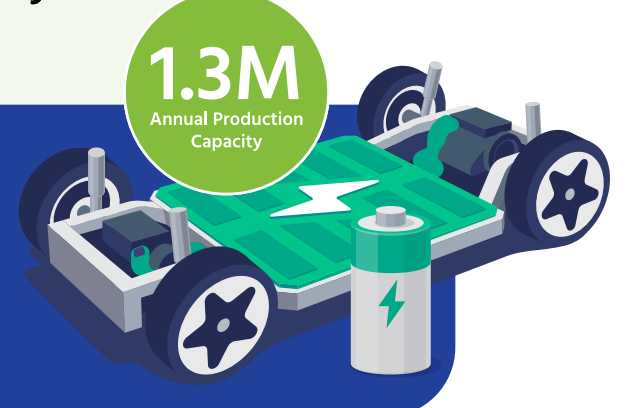
The Southeast (Alabama, Florida, Georgia, North Carolina, South Carolina, and Tennessee) has captured about **40%** of all the nation's investment in EV and battery manufacturing and about **35%** of all the jobs, despite comprising only about 18% of the nation's population.



Alabama

EV manufacturing in Alabama is new and on the rise, and well-paying jobs for Alabamians are a result. Alabama ranks 3rd among all states in automotive exporting. All eyes are on the state's robust manufacturing industry, which employs thousands of residents.

Currently, the production capacity of automotive assembly plants in Alabama tops 1.3 million vehicles annually,



making the state among the top five producers of cars and light trucks in the United States.

Alabama has approximately 10,500 battery electric vehicles and another 4,800 plug-in hybrids on the road, the majority in the Birmingham-metro area. But while Alabama is making some strides when it comes to building electrified vehicles, it still has some catching up to do when it comes to accessibility to EV charging stations, says a recent report by the Alabama Electric Vehicle Infrastructure Plan by the **Alabama Department of Economic and Community Affairs (ADECA)**.

Major EV Manufacturers



Major EV Suppliers



Battery Plants



Georgia

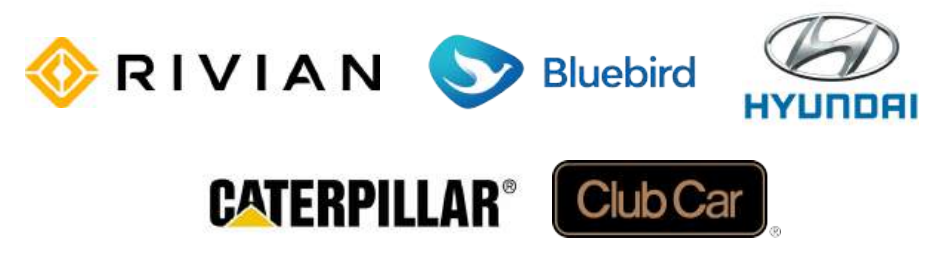
Georgia leads the Southeast in EV registrations per 1,000 registered automobiles. As of June 2023, a total of **95,550 plug-in vehicles had been purchased in Georgia** over the years – the highest number in the Southeast, according to SACE.

Georgia is also home to several major EV manufacturers and battery plants, both existing and planned, equating to **176,992 EV-Related occupations**. Since 2020, more than **49 e-mobility-projects** have contributed over \$25 billion in investments in Georgia.



By 2030, it is predicted that 50% of all new car sales will be electric vehicles.

Major EV Manufacturers



Major EV Suppliers



Battery Plants



South Carolina

South Carolina is the **#1 passenger vehicle exporter** in the US thanks to BMW's Spartanburg plant, and it's active Ports system on the Coast.

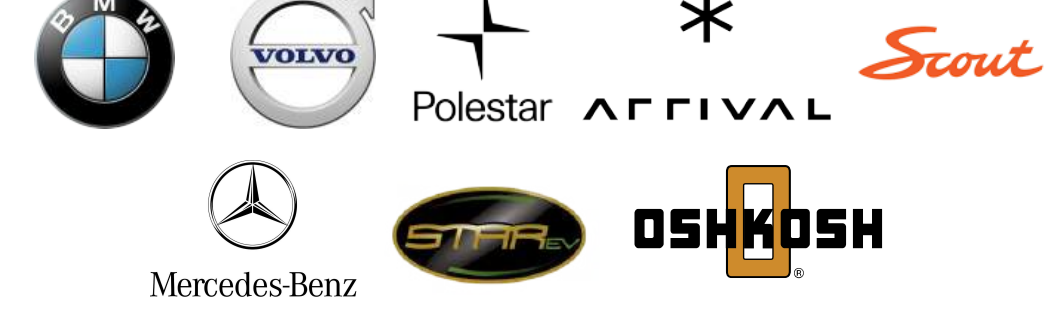
The state is also home to many major players in the EV industry, both automakers and suppliers who've invested **\$9.6 billion** in the state and created 75,000 jobs.



The resurrection of Scout Motors also in SC capital has also drawn significant attention.

South Carolina faces challenges similar to Alabama's, with underdeveloped charging infrastructure and cultural push-back. However, there are currently over 2,144 PEVs on South Carolina roads today. Companies like Duke Energy and Proterra are driving infrastructure growth and positioning South Carolina as a major hub of EV development.

Major EV Manufacturers



Major EV Suppliers



Major Battery Manufacturers



North Carolina

North Carolina has more than **70,000** electric vehicles and nearly 2,000 charging stations. The number of electric vehicles on North Carolina roads increased **54%** in 2022.

The state leadership is heavily invested in EV development and has a lofty goal of increasing the number of registered zero-emission vehicles to at least **1,250,000** by 2030.



Thankfully, the state has a strong and expanding infrastructure to support demand and several major manufacturers.

Major EV Manufacturers



Major EV Suppliers



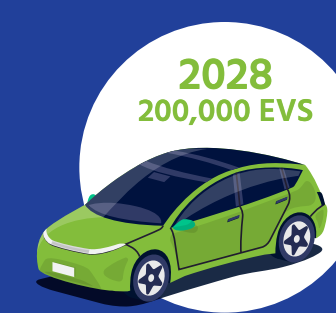
Battery Plants



Tennessee

Tennessee has long been a leader in EV manufacturing in the U.S., starting nearly a decade ago with Nissan, which began building electric vehicles in 2013.

Today, there are roughly **34,000 EV's** in Tennessee, with a goal of **200,000 EVs** by 2028.



It's a huge goal, but the state already has a strong charging infrastructure network due to its role as a charter market for the DOE and the ECotality EV Project.

There are several major manufacturers in the state, and several battery manufacturers are poised to move in during the next few years.

Major EV Manufacturers



Major EV Suppliers



Battery Plants



Florida

Florida claims one of the highest numbers of EV sales in the nation, with **124,961 total EV registrations**. Electric cars made up **6%** of all cars sold in Florida last year. The state offers more than 7,000 publicly available DCFC ports and chargers.

Although the state lacks a strong manufacturing presence, it's positioned to be a major provider of synthetic fuel and home to a large consumer market.

Florida Power and Light predict that the number of electric vehicles in its service territory, most of Florida, will be about **600,000** by 2030, and cross **8.1 million** by 2040



Major EV Manufacturers



Major EV Suppliers



Battery Plants

