



NORTH CAROLINA

POWERING THE FUTURE OF
THE AUTOMOTIVE INDUSTRY

NORTH CAROLINA: THE BEDROCK OF CLEAN ENERGY



HOME TO LARGEST HARD ROCK LITHIUM (SPODUMENE) RESOURCE IN THE US

- The Kings Mountain Mining District in North Carolina (NC) is the largest known and highest quality spodumene (aka hard rock lithium) deposit in the US.
- NC's Lithium Belt is a historic lithium mining and producing region in the US.



PROXIMITY TO IMPORTANT SUPPLY CHAIN COMPONENTS AND CUSTOMERS

- NC stands to be one of the top sources of spodumene and producers of lithium hydroxide with the ability to contribute to all four steps in the supply chain, eliminating the need to ship abroad mid-process.
- NC's strategic, east coast location and two deep-water seaports with on-dock rail offer easy access to domestic and international markets. NC companies also enjoy easy access to the Port of Norfolk and the Port of Charleston.
- Plus, NC is home to 25 of the top 100 global OEM automotive parts suppliers in the US, 256 automotive companies and has an automotive industry that is growing at 20%.



WORLD-RENOWNED EDUCATION SYSTEM

3
TOP TIER RESEARCH UNIVERSITIES
that are at the cutting edge of education and R&D.

52
COLLEGES AND UNIVERSITIES
enrolling over 330k students, producing 29,000 Science, Technology, Engineering, and Math (STEM) grads annually.

3RD
LARGEST COMMUNITY COLLEGE SYSTEM
in the US with eight of the top ten in the US located in NC.



SKILLED WORKERS

4.8M
SKILLED WORKERS
Including about 18,000 military personnel re-entering the civilian workforce each year, NC has one of the largest labor forces in the US.

455K
MANUFACTURING EMPLOYEES
Growing four percent in the last 10 years, NC has the largest manufacturing workforce in the Southeastern US.

47K
ENGINEERS
NC's engineering workforce has grown eight percent over the past five years, compared to the national average engineering workforce which has not grown over the past five years.



GLOBAL HEADQUARTERS FOR TOP LITHIUM COMPANIES

- NC is home to global headquarters for several top lithium companies in the world. Companies include: Piedmont Lithium, Albemarle, Livent and Center for Lithium Energy Advanced Research (CLEAR).
- These companies are actively evaluating the potential to restart mining operations in NC and are either expanding their current lithium processing capabilities or have plans to build out new capacities in the next few years.
- The presence of these companies along with NC's history in lithium means NC has one of the largest concentrations of advanced lithium processing experts outside of China.



LEADER IN LOW CARBON ENERGY SOURCES - SOLAR, NUCLEAR AND WIND

TOP 10
STATE FOR CLEAN ENERGY

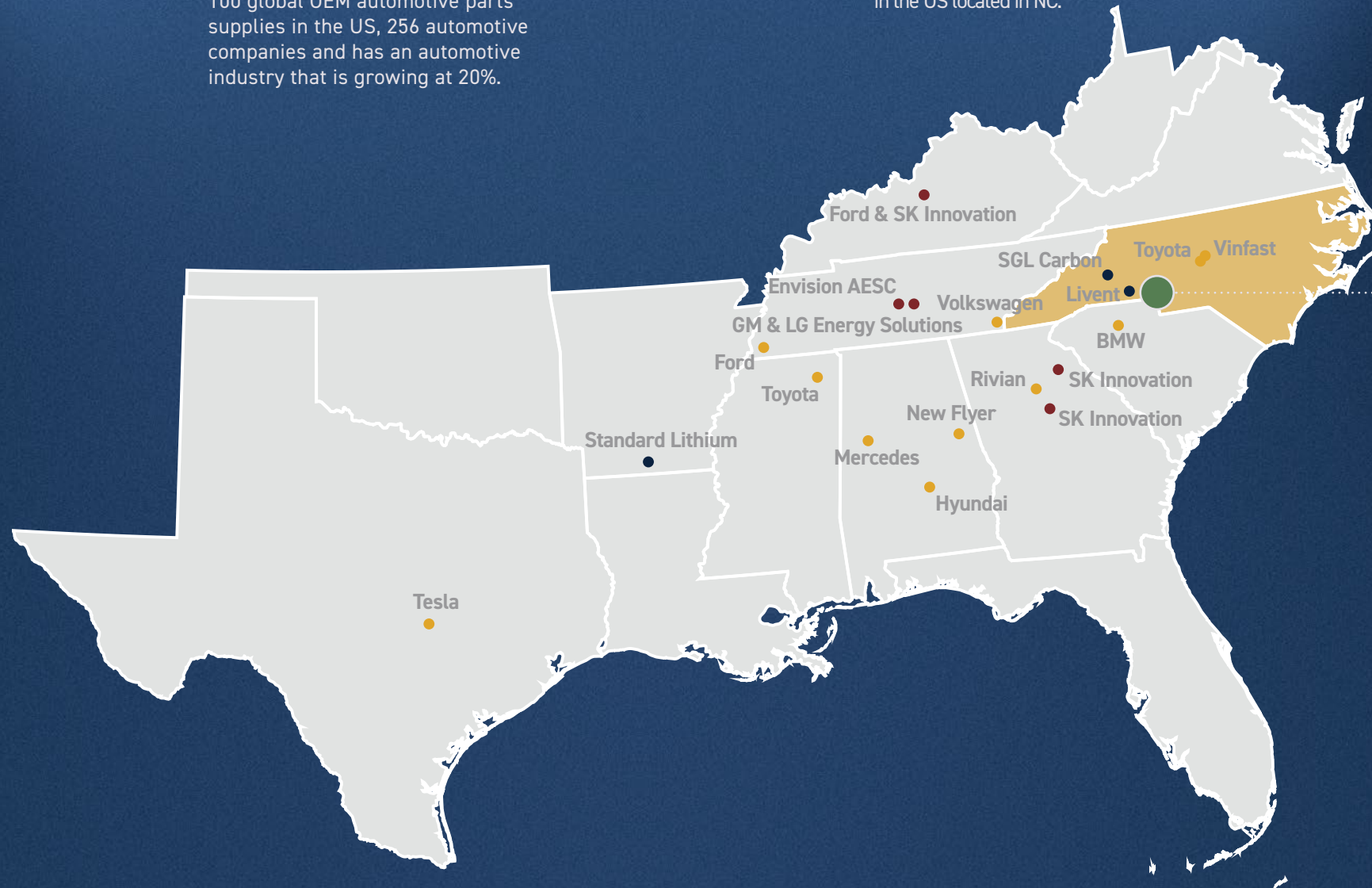
Source: E2

1
IN OFFSHORE WIND ENERGY POTENTIAL

Source: Oceana USA

TOP WIND FARM
IN THE SOUTHEASTERN US

Source: United States Geological Survey



REGIONALLY INTEGRATED EV SUPPLY CHAIN

The Southeastern US offers tremendous potential for an integrated EV supply chain.

- Battery Manufacturer
- Battery Customer
- Raw Material Supplier
- Charlotte Metro Area
 - Arrival
 - Albemarle
 - Livent
 - Piedmont Lithium
 - SGL Carbon



ECONOMIC
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