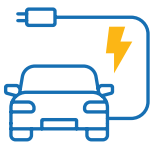




REGIONAL TRANSPORTATION ELECTRIFICATION PLAN



Partnerships and Collaboration

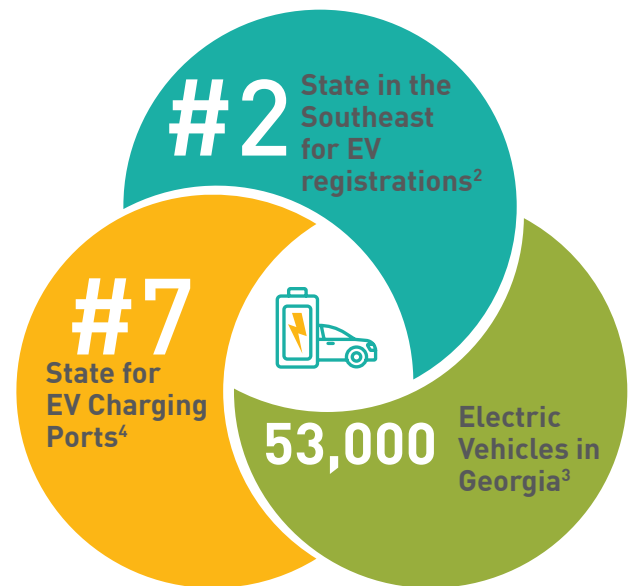
The Atlanta Regional Commission (ARC) is embarking on a new initiative called the **Regional Transportation Electrification Plan** to advance sustainable and efficient transportation solutions. This plan will direct the regional strategy for electric vehicle (EV) planning and investments to envision a dynamic electric mobility future, reduce transportation related greenhouse gas emissions, leverage economic growth and workforce opportunities, and create actionable implementation strategies.

Together, we have the opportunity to shape our future and develop a dynamic vision and strategic plan to advance regional electric transportation. For this plan to be successful, collaboration and coordination is crucial among many partners from across our region. We invite you to participate, contribute, and help shape **One Great Region**.

The EV Environment in Georgia



Georgia is already positioning itself as a hub for electric vehicle and battery manufacturing and charging infrastructure solutions to support this rapidly growing and emerging market. **Since 2018, Georgia has attracted 24 EV-related operations for a total of 26,000 jobs and \$22.9 billion in capital investment.**¹



^{1,2,3,4} (Georgia Power Community & Economic Development, 2023)



Plan Timeline



**Summer
2023**

Project Initiation & Existing Conditions Analysis



**Fall 2023/
Winter 2024**

Defining the Plan's Vision & Goals



**Winter/
Spring 2024**

Developing the Plan's Implementation Strategies



**Spring/
Summer 2024**

Prioritizing the Action-Oriented Implementation Strategies

Our Region



The Atlanta metropolitan area has grown to become one of the nation's largest, most dynamic regions – and a major player on the global stage. Our region is growing fast with a population that is rapidly diversifying. By 2050, it is anticipated that **our 20-county region's population will add more than 1.8 million people – bringing the area's total population to 7.9 million.**

Our vibrant region is considered the economic capital of the Southeast with Metro Atlanta being one of the nation's most important logistics hubs. Our region's rapid economic growth is expected to continue with **the region predicted to add more than 1.2 million jobs by 2050.**



Key Developments in EV Growth



Increased Battery Power Density results in more efficient and powerful batteries



Decreased Charging Time improves convenience in the charging experience



Increased Battery Lifetime (Recharge Cycles) reduces the need for battery replacements



Decreased Battery Cost (\$ / kWh) improves vehicle cost-competitiveness