

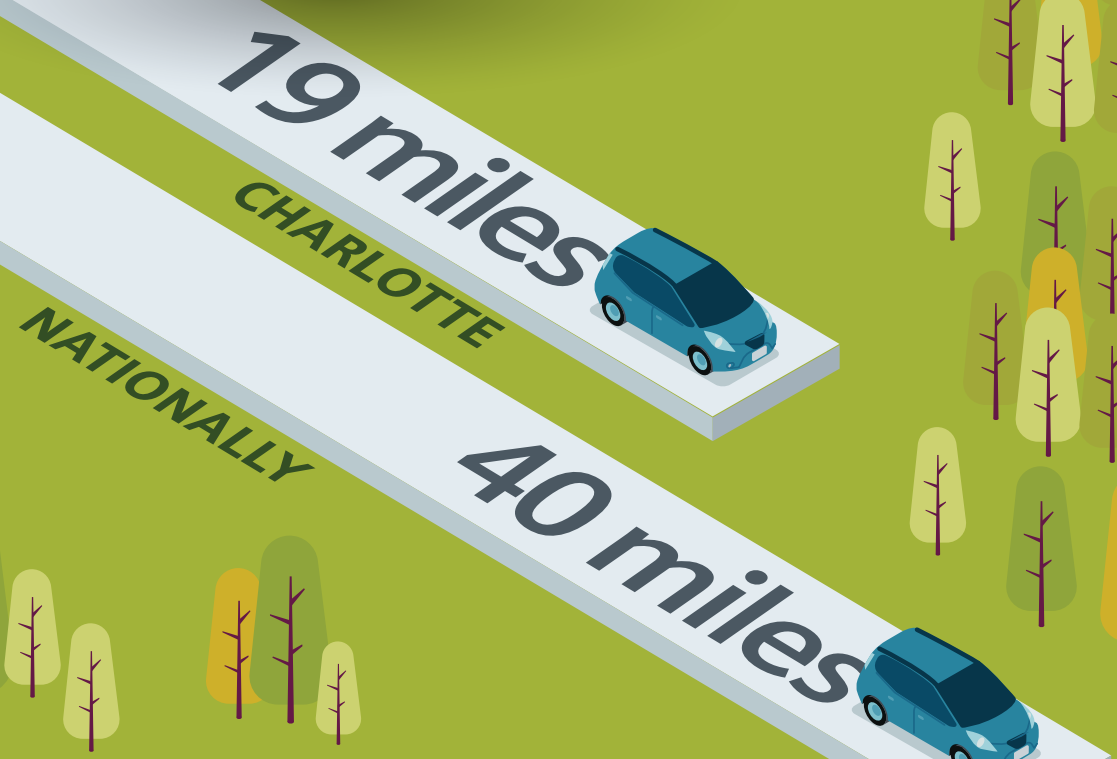
A Smart, Sustainable Technology Vision for a Smart, Sustainable Charlotte

An ongoing partnership between Siemens and Charlotte NC, proves that sustainability doesn't have to mean sacrifice.

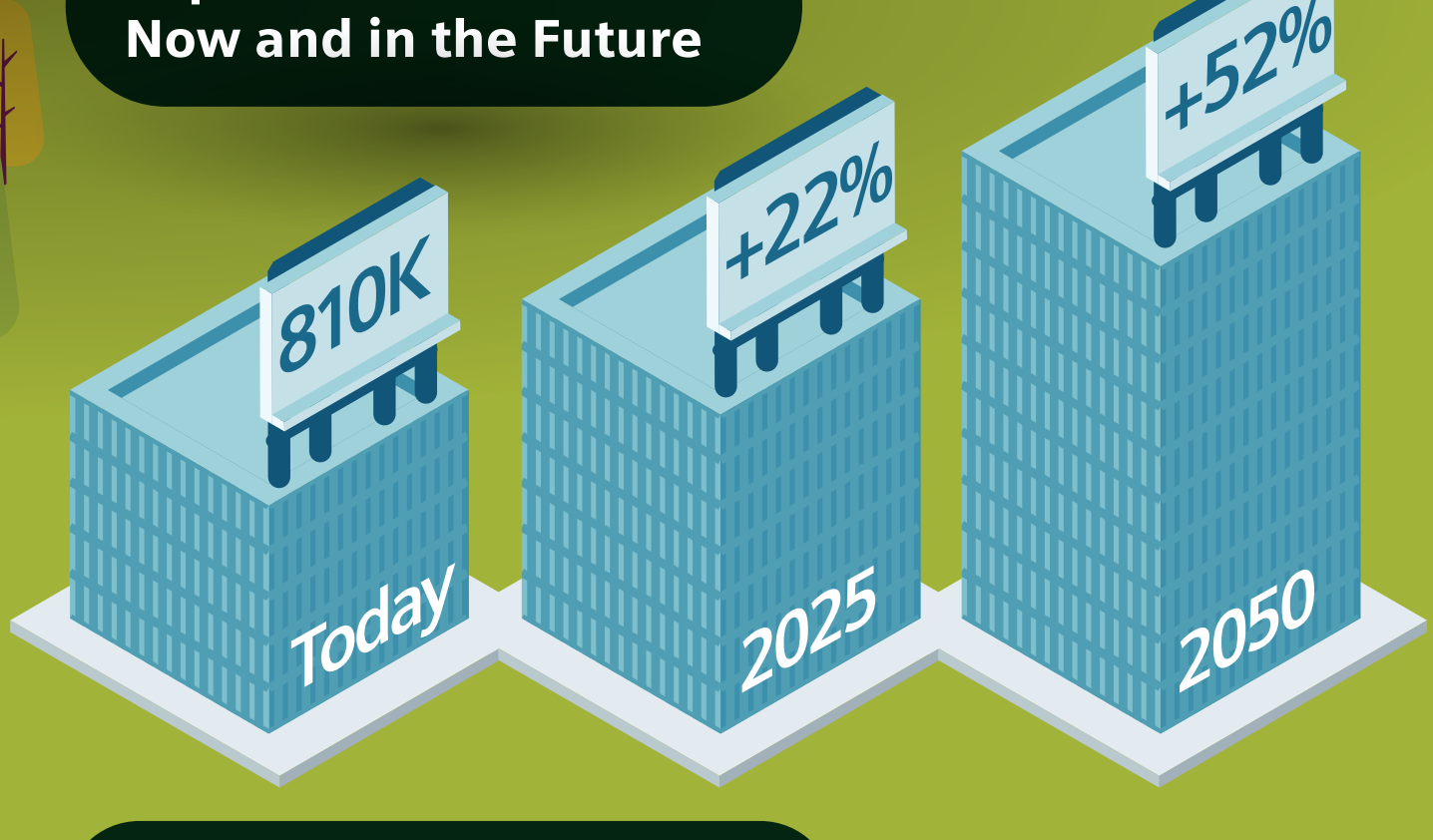
Over the past 10 years, Siemens has partnered with the City of Charlotte to help craft and implement the City's vision of a smart, sustainable Charlotte. Expansions of the Charlotte Area Transit System, energy efficiency programs in Downtown buildings, and the opening of a Siemens gas turbine manufacturing plant have had widespread economic benefits. Regional connectivity and workforce development have catapulted Charlotte to be not only one of the fastest growing cities in the nation, but also a great place to live and do business.

Charlotte's Choosing to Grow Sustainably

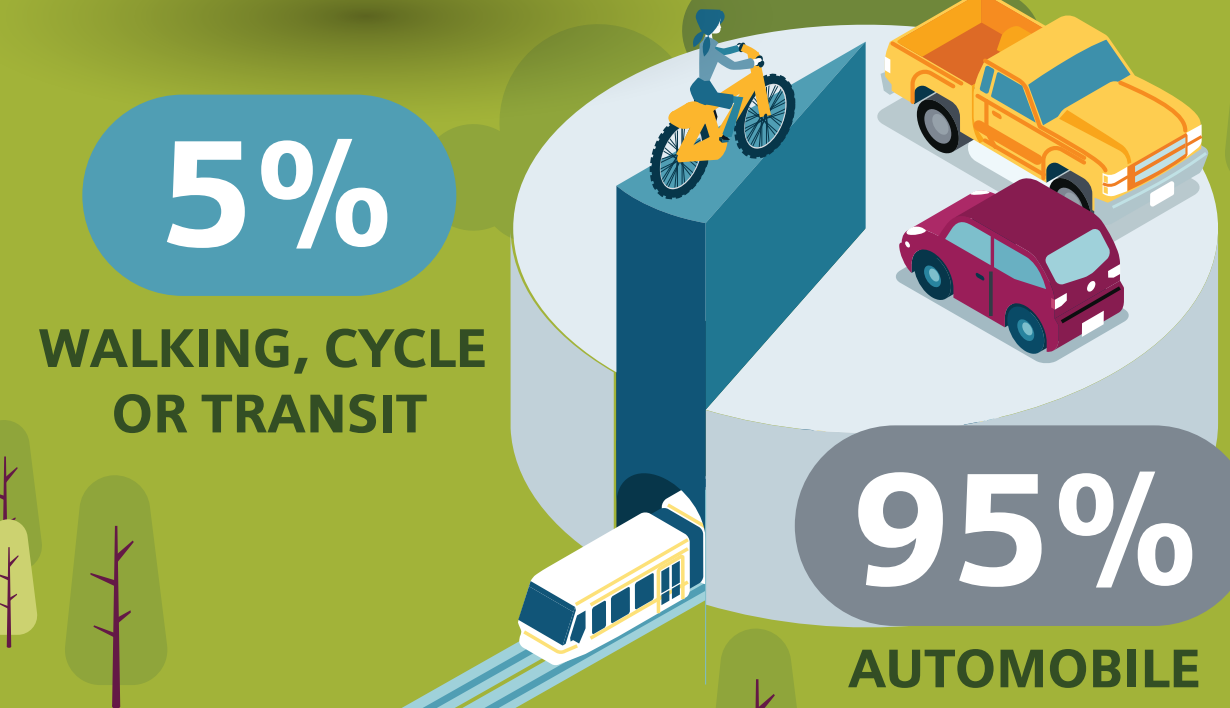
Average Number of Miles Traveled per Person, per Day



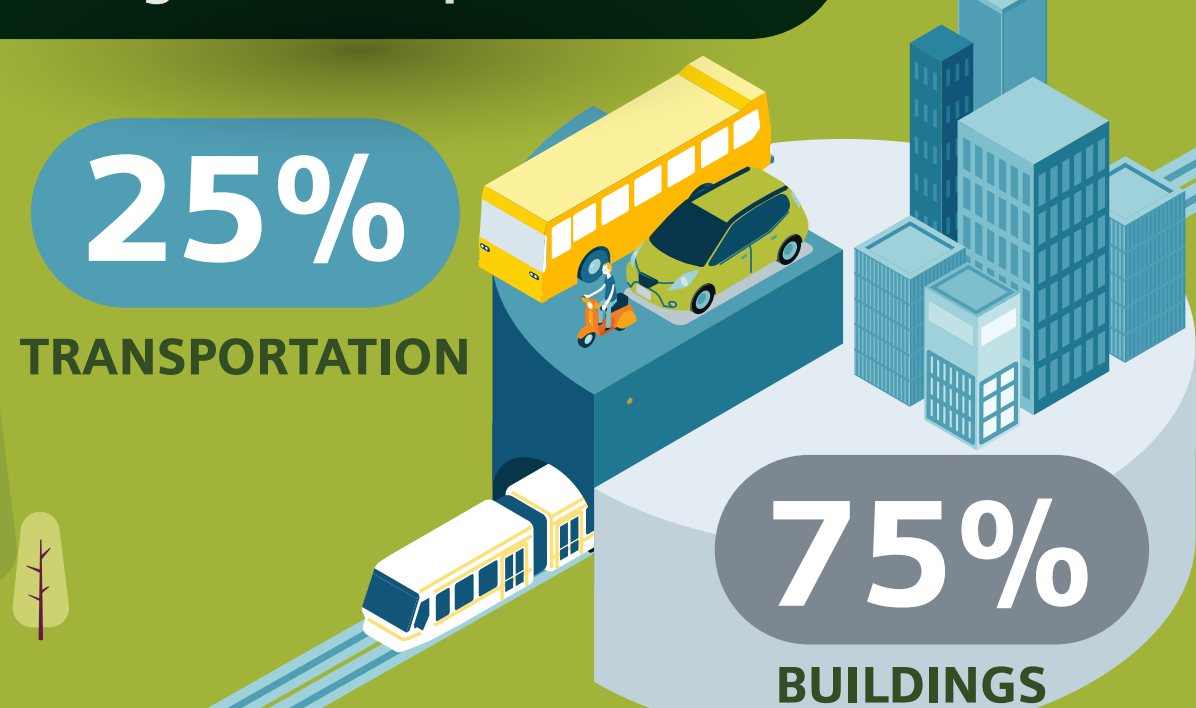
Population of Charlotte, Now and in the Future



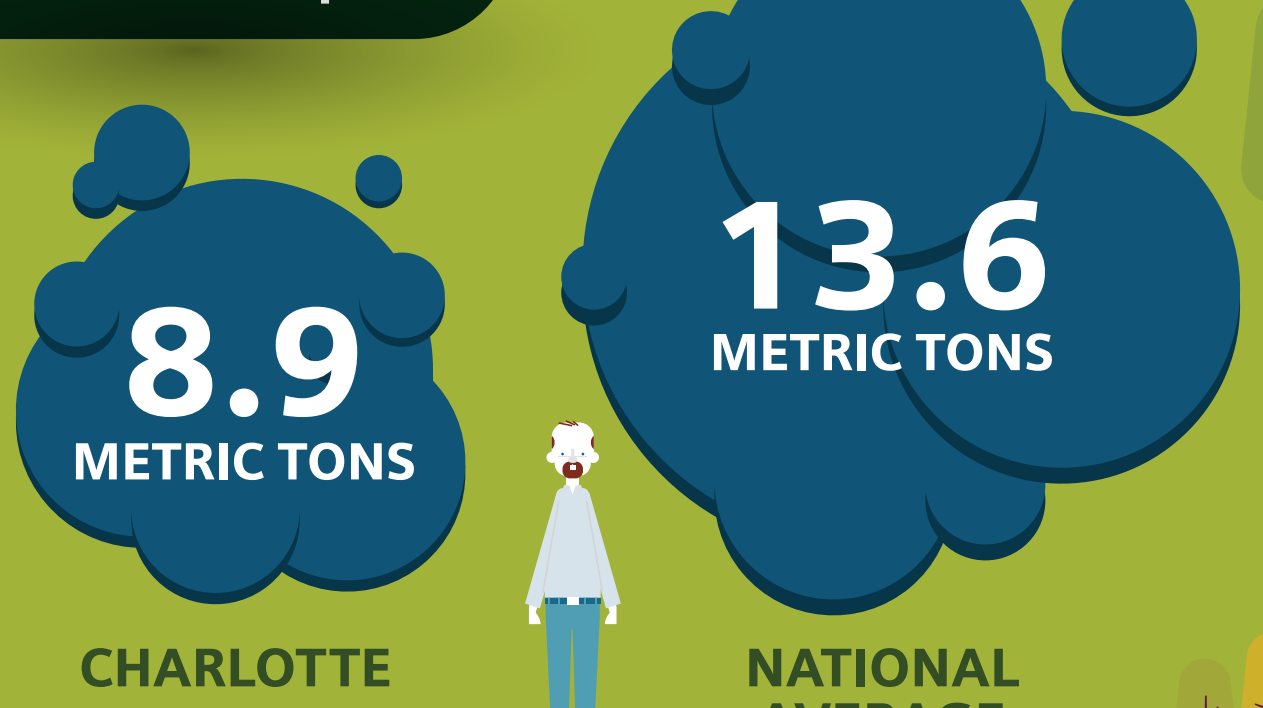
Mode of Transportation



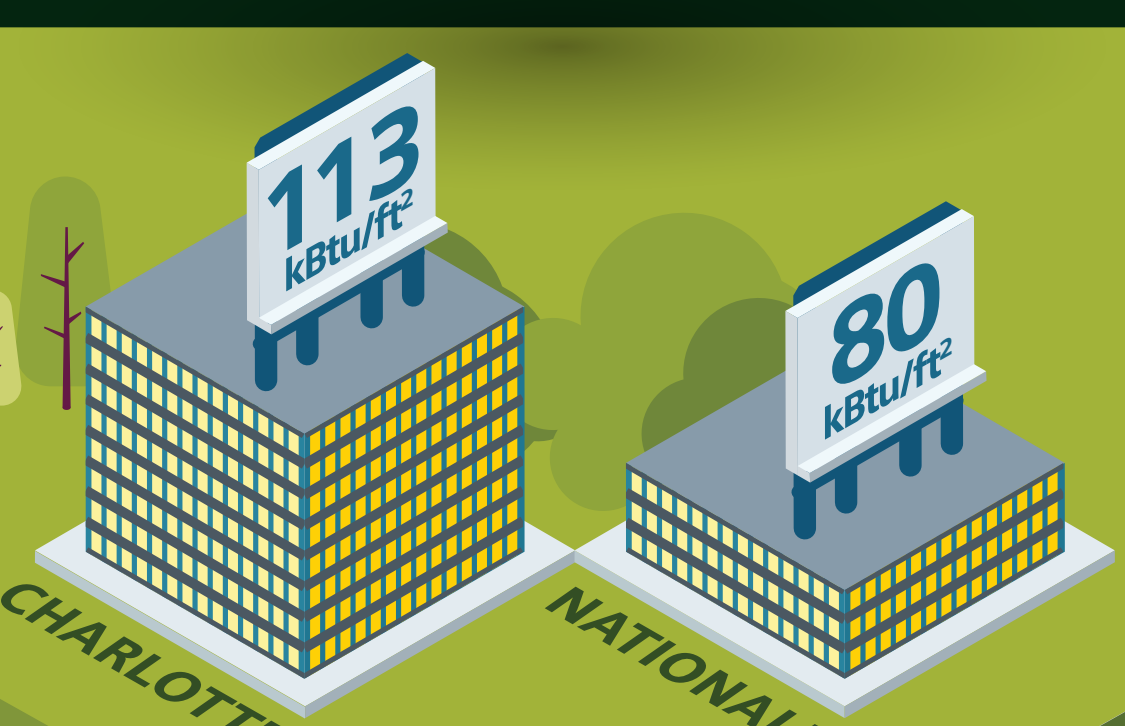
Greenhouse Gas Emissions from Buildings vs. Transportation



Greenhouse Gas Emissions Per Capita



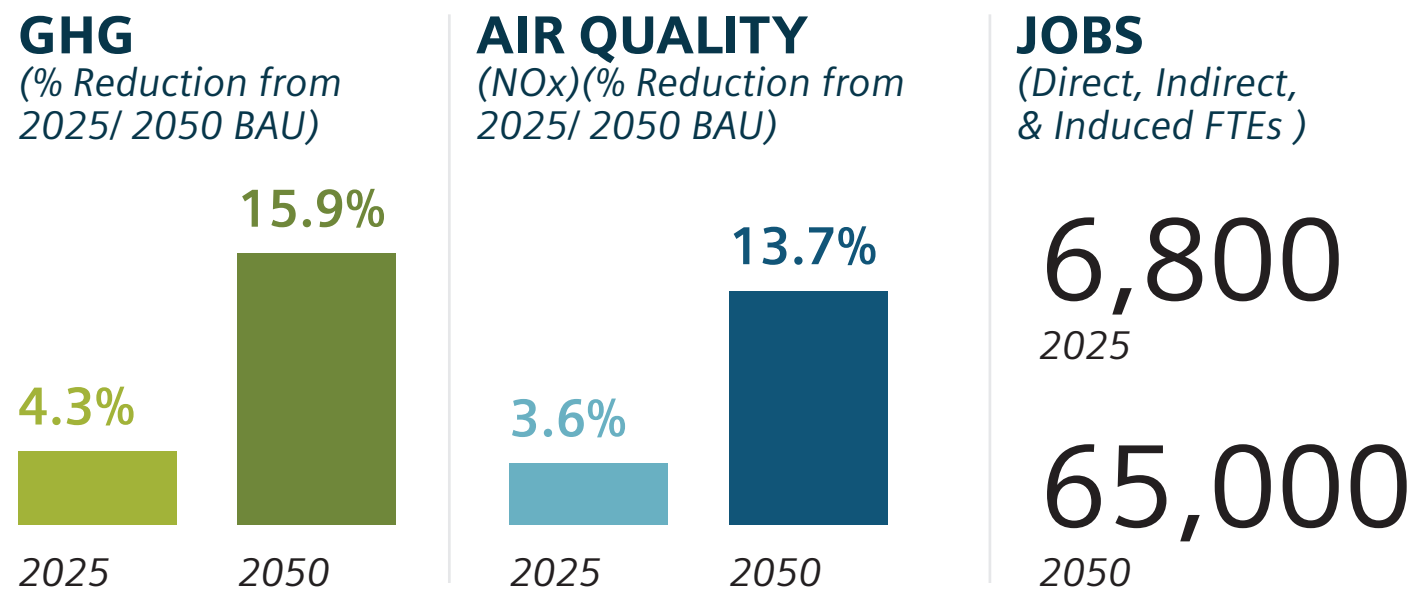
Average Energy Use in Commercial Buildings



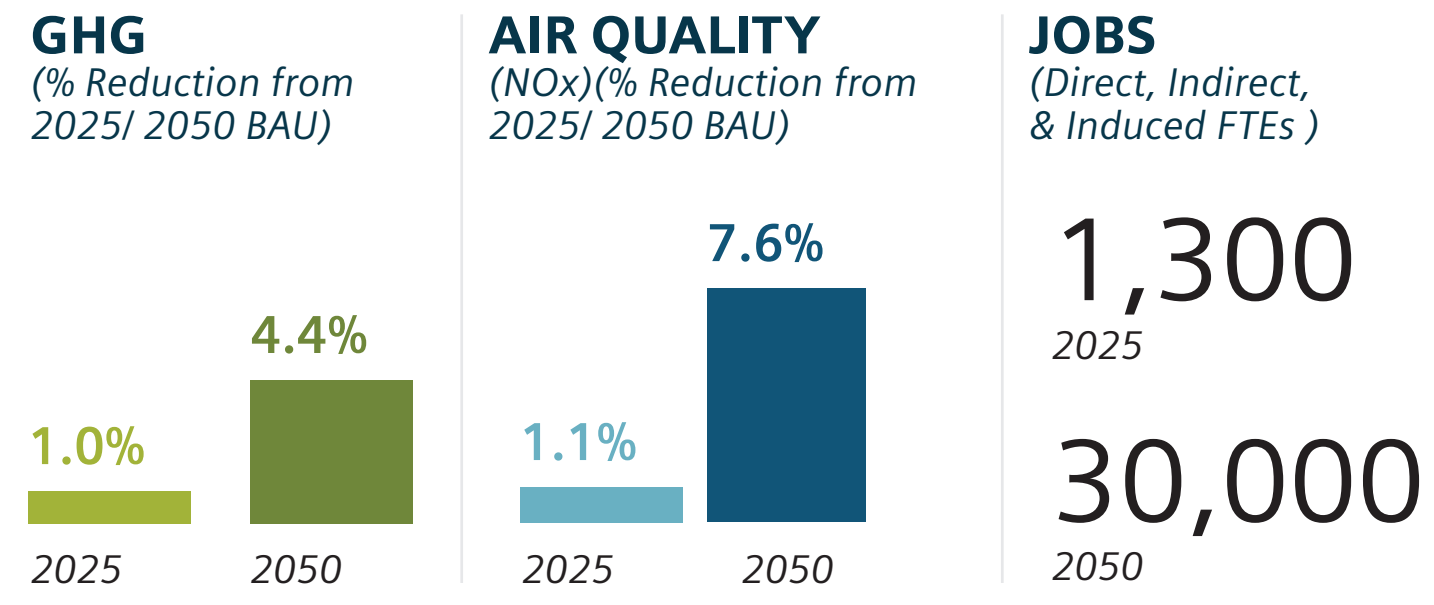
Green Impacts of Smart Technologies

A recent study by Siemens and the City of Charlotte's Sustainability Office looks at the potential impacts of investing in technologies that could contribute to a smart, sustainable future in Charlotte. The study estimates that by implementing 16 "smart" buildings and transportation technologies, Charlotte could reduce greenhouse gas emissions by 5% and improve air quality by 8%, all while generating more than 8,000 jobs by 2025. By 2050, benefits could increase to 20% reduction in greenhouse gas emissions, 21% improvement in air quality, and close to 100,000 jobs.

Estimates of Smart Building Impacts



Estimates of Smart Transport Impacts



CHARLOTTE™



As urban expert Peter Kageyama said at the opening of Envision America's first workshop,
"People don't care about sustaining something they don't love."
 With all that's happening to make Charlotte smart and sustainable,
 it's clear: People love Charlotte.

Follow @SiemensUSA and visit www.siemens.com/cypt to learn more about how Siemens is helping to make cities fit for the future.