

Upstate Air Quality Strategies and Actions – City/County Governments

As part of the Upstate Air Quality Pledge/Resolution, we commit to identifying which of the strategies listed below our local government will work to accomplish to help reduce air emissions and promote clean air in the Upstate. We will have one contact person from our organization work directly with the Upstate Air Quality Advisory Committee and SCDHEC to ensure that our actions are included in the Clean Air Upstate report as part of EPA’s Ozone Advance Program.

We Commit! (Check all strategies that apply)	Strategy	Potential City/County Government Actions
	Utilize Tire Pressure Checks to increase fuel efficiency and reduce emissions	<ul style="list-style-type: none"> • Schedule monthly tire pressure checks for all city/county vehicles • Enroll in a program that performs monthly checks for both personal and company cars in the parking lot • Educate employees on the importance of regularly checking vehicle tire pressure
	Use ride-sharing or park and ride programs to reduce number of vehicle on the road	<ul style="list-style-type: none"> • Work with multidisciplinary team of Upstate public (e.g, SCDOT, cities, counties, public transit authorities) and private organizations with transportation planning expertise to identify best opportunities for park and ride facilities within local area • Promote the benefits of ride-sharing or park & ride programs with employees (company announcements, lunch & learn) • Sponsor (subsidize) ride-sharing or park & ride programs for city/county employees • Provide a guaranteed ride back to home in case of emergencies for employees using ride-sharing
	Develop Lawn Mower Exchange Programs to reduce emissions from gas lawn mowers	<ul style="list-style-type: none"> • Partner with DHEC and local businesses to sponsor or host a lawn mower exchange event
	Promote No-Idling Programs to reduce emissions from vehicles when parked, standing or waiting for service	<ul style="list-style-type: none"> • Develop a no-idling policy for all city/county vehicles. • Post signs in city/county parking lots promoting a no-idling policy • Educate employees on the importance of turning off vehicles when sitting in parking lots • Promote the Breathe Better Program in all schools
	Encourage Alternative Work Schedules as way to reduce vehicles on the road at peak times	<ul style="list-style-type: none"> • Allow employees to utilize either flex-scheduling or a compressed work week to reduce travel during peak travel hours
	Promote Multi-Modal Transportation as an alternative to driving	<ul style="list-style-type: none"> • Encourage and support programs that increase the ability of city/county residents and employees to utilize alternative travel methods (transit, walking, biking) • Pass a Complete Street Resolution • Become a Bicycle Friendly Community • Institute a bike/ped overlay district • Consider planning that encourages strong work/home connections that make transit routes work • Investigate potential of a bike share program • Reach across jurisdictional boundaries to coordinate transportation projects • Discuss with the local Council of Governments the potential for initiating a ride-match program

	<p>Assess Energy and Emission levels of facilities</p>	<ul style="list-style-type: none"> • Assess the current level of energy usage and ozone emissions from city/county buildings and identify opportunities for reduction • Install automatic light switches for conference rooms, offices and other public areas • Install programmable or remote-controlled thermostats • Ask employees to shut down computers when leaving at night and on weekends • Delamp: replace older light bulbs with brighter, more energy efficient bulbs, and reduce the number of bulbs per light fixture • Discourage or prohibit usage of personal heaters, refrigerators, personal fans and hot pads • When roofing buildings, choose lighter colored materials to reflect light • Install electricity metering and monitoring to see where electricity waste is occurring
	<p>Explore potential for utilizing vehicles that use alternative fuels</p>	<ul style="list-style-type: none"> • Research the feasibility of purchasing alternative fuel vehicles (AFV) for company fleet • Install public AFV infrastructure for city/county residents (e.g., charging stations – use solar energy with charging stations; compressed natural gas, propane, hydrogen) • Advocate state and federal governments for tax incentives for AFV infrastructure • Hold lunch and learn sessions to make city/county employees and local residents aware of costs and benefits of AFVs
	<p>Optimizing logistics and vehicle trips</p>	<ul style="list-style-type: none"> • Increase the use of Smart Infrastructure and Sensors to enhance the Traffic management Systems and develop and apply more efficient control strategies aiming at optimizing mobility and satisfying individual passengers • Recognize the interdependence of freight and passenger systems and their impacts on overall transportation system performance • Develop regional congestion and intermodal management programs to optimize use of existing resources and identify strategic improvements that will improve freight mobility
	<p>Promote Diesel Engine Upgrade or Replacement to Achieve NOx Reductions</p>	<ul style="list-style-type: none"> • Partner with EPA and DHEC to actively promote existing diesel replacement grant programs (DERA) • Seek additional funding opportunities at the regional level, such as funding available to regional transportation planning organizations for emission reduction projects
	<p>Promote the local and regional importance of reducing emissions and maintaining clean air for our public health and economic vitality</p>	<ul style="list-style-type: none"> • Promote the Clean Air Upstate education/outreach program to residents and city/county employees • Provide a link to the Clean Air Upstate web site • Encourage schools to participate in the Breathe Better and Clean Air Patrol Programs • Promote the Clean Air Upstate Public Service Announcements • Schedule Clean Air Upstate presentations for local residents and city/county staff