

Upstate Air Quality Strategies and Actions – Business and Institution Actions

As part of the Upstate Air Quality Pledge/Resolution, we commit to identifying which of the strategies listed below our business or institution 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 Business/Institution 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 company vehicles • Enroll company 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"> • Promote the benefits of ride-sharing or park & ride programs with employees (company announcements, lunch & learn) • Work with neighbor businesses to implement ride-sharing or park & ride programs • Sponsor (subsidize) ride-sharing or park & ride programs for company 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 or local municipality to sponsor or host a lawn mower exchange event • Private sector landscapers and others whose organization includes lawn service may consider using electric or propane equipment. (Businesses may qualify for diesel retrofit funding (DERA) to assist with funding the upgrading of equipment • Contact Home Builders Associations in regards to “Green Home” programs for interest in offering electric powered lawn equipment as a component of the program
	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 company vehicles. • Post signs in company parking lots promoting a no-idling policy • Educate employees on the importance of turning off vehicles when sitting in parking lots • Create company policy that employees driving company vehicles will not use drive-thru windows
	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 • Provide financial incentives for employees to set-up home offices • Provide capability for employees to access employer network from remote locations while telecommuting • Provide training for managers and employees to assist with managing productivity and maintaining communications with management, co-workers and customers for employees who are telecommuting and/or utilizing an alternative work schedule

	<p>Promote Multi-Modal Transportation as an alternative to driving</p>	<ul style="list-style-type: none"> • Encourage and support programs that increase the ability of employees and customers to utilize alternative travel methods (transit, walking, biking) • Distribute/post bus routes and times • Consider a guaranteed ride home program (late hours, bad weather, sick child) • Install bike racks/bike lockers/showers and allow flexible dress code • Enroll in DHEC's Take a Break from the Exhaust 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 factories or offices 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 business, choose lighter colored materials to reflect light • Put all HVAC systems on remote control • Install Air Curtains at roll-up doors. Ensure roll-up doors are closed when not in use • Implement a shut-down plan for machinery, fans and other equipment when employees finish a job or leave an area • Replace incandescent bulbs with more efficient light bulbs • 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 employees (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 employees aware of costs and benefits of AFVs
	<p>Optimizing logistics and vehicle trips</p>	<ul style="list-style-type: none"> • Optimize transport and warehouse activity schedules to facilitate efficient movement of freight • Identify transportation system improvements that can increase efficiency and safety • Improve communications and data and technology sharing that benefits overall planning effort
	<p>Promote Diesel Engine Upgrade or Replacement to Achieve NOx Reductions</p>	<ul style="list-style-type: none"> • Identify high emitting, high use on-road or non-road engines used in heavy duty equipment • Apply for grants under federal or state incentive programs for upgrade or replacement of engines
	<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 employees and customers • Provide a link to the Clean Air Upstate web site • Promote the Clean Air Upstate Public Service Announcements • Schedule a Clean Air Upstate presentation to employees