

2020 Update on South Carolina Air Quality #
Strategies and Accomplishments #

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TOPIC	TOPIC DESCRIPTION	IMPLEMENTATION DATE	Location
New Combined Heat and Power (CHP) Plant	Duke Energy expects its new CHP plant to help Clemson University reduce CO2 emissions by 60,000 metric tons annually.	November 2019	Pickens County
CARTA Electric Buses	The CARTA transit system unveiled six new Proterra electric buses.	November 14, 2019	Charleston County
Bike-Pedestrian Action Plan	SCDOT unveiled its Bicycle Pedestrian Action Plan. This plan focuses on improving bikeability and walkability throughout SC.	October 28, 2019	Statewide
COMET Park and Ride	The COMET transit system opened a Park and Ride lot to encourage use of public transit.	November 4, 2019	Lexington County
BMW Battery Assembly	BMW Group Spartanburg more than doubled its capacity for battery assembly to support new plug-in hybrid electric vehicles.	August 1, 2019	Spartanburg County
H2@Scale Grant	The University of South Carolina and Clemson University were awarded \$2 million from the USDOE to study self-healing dispensing hoses for hydrogen.	August 15, 2019	Statewide
Greenlink Electric Buses	The Greenlink transit system deployed 4 new locally-manufactured Proterra electric buses.	April 17, 2019	Greenville County
COMET Biodiesel Buses	The COMET transit system is now using a B5 biodiesel blend in its 39 large transit buses.	August 6, 2019	Richland and Lexington Counties
FTA Low-No Grant	The city of Rock Hill received a Low-No grant for ~\$2.25 million to purchase electric buses and charging infrastructure.	July 26, 2019	York County
Rock Hill MyRide Electric Buses	The city of Rock Hill launched it's 100% electric MyRide bus fleet.	June 10, 2019	York County

National Drive Electric Week Program	The Palmetto Clean Fuels Coalition brought together a group of electric vehicle owners to showcase their vehicles at the Cruisin' Downtown Car and Bike Show in Florence, SC.	June 15, 2019	Florence County
B ² (Breathe Better) program	Anti-idling program aimed at parents, school bus drivers, and businesses. Thirty-seven schools have enrolled for 2019-2020. Sixteen of the thirty-seven schools are new to the program. A B2 school participation/ activity Map Application is being developed for the program www.scdhec.gov/b2	Ongoing	Statewide
EEASC Earth Day	Earth Day event at Soda City famers market in downtown Columbia featuring local school projects, including B ² .	April 20, 2019	Midlands Region
Richland Recycles Education Day	Educational event for 4 th & 5 th graders prior to large recycling collection day. DHEC presented information about air quality & the AQI/flag program.	May 11, 2019	Richland County
Earth Day Birthday	Annual family event with environmental education exhibits, including air quality	April 27, 2019	York County
BCD COG Air Quality Coalition Meetings	Regional air quality coalition meetings twice per year.	Ongoing	Charleston, Berkeley, Dorchester Counties
Waccamaw Air Quality Coalition meetings	Regional air quality coalition meetings twice per year.	Ongoing	Horry, Georgetown, Williamsburg Counties
Upstate Air Quality Advisory Committee	Meetings held quarterly.	Ongoing	Ten counties in the upstate of SC
Air Quality Flag Program	25 schools are participating in the flag program to make students, teachers, and parents aware of the ozone forecast. The flags are now garden flags that can be moved to different areas around the school campus if needed.	Ongoing	Statewide

Ground Level Ozone Forecasting	Coalitions use social media, SCDOT traffic signs, and the media to spread the ozone forecast. SCDHEC has new, more visible signs inside the building and near the street.	Ongoing Ozone forecast season (April 1-September 30)	Statewide
2019 National DERA Grant	\$2 million awarded to convert 12 Tier 2 RTG Cranes at the Wando Welch Terminal in Charleston, SC to Tier 4 hybrid diesels.	2019 - 2021	Charleston
2019 State DERA Allocation	\$321,000 allocated to replace/retrofit aging diesel vehicles/equipment.	2019 - 2021	Statewide
VW Environmental Mitigation Trust Funds	SC Department of Insurance awarded \$9.33 million to entities throughout the state to replace school and transit buses.	Ongoing	Statewide
SCDHEC BAQ Update	Information about grants, training, and other opportunities shared with our coalition members and stakeholders via email, blog, Facebook, webpages, etc.	Ongoing	Statewide
Lowcountry Go Commuter Services Program	Informs residents of commuting options. www.lowcountrygo.com	Ongoing	Berkeley, Charleston, Dorchester Counties
Charleston Bike Share	Encourages bicycle usage on the Charleston peninsula through a sharing program. https://charlestonbikeshare.com	Ongoing	City of Charleston
City of Columbia Bike Share Program	Bike share sponsored by Blue Cross/Blue Shield.	Ongoing	City of Columbia
Climate Protection Action Committee (CPAC) meetings	Round table Information sharing including representatives from SCDHEC's Bureau of Air Quality	Ongoing (monthly meetings)	Central Midlands
Environmental Education Association of SC (EEASC) meetings	Round table information-sharing including representatives from SCDHEC's Bureau of Air Quality.	Ongoing (monthly meetings)	Statewide

USC Aiken Science Education Enrichment Day (S.E.E.D.)	Public outreach and education day on Radon and AQ.	Oct. 5, 2019	Aiken County / Agency
USDOT BUILD grants	SCDHEC Assists COGs in applying for funding for modern diesel or electric transit buses.	Ongoing	Statewide
SCDHEC Stronger Together Campaign	SCDHEC's Bureau of Air Quality and the City of Columbia partnered to bring attention to collaborative efforts to improve air quality. https://www.youtube.com/watch?v=qxHj3VnR7rE	December 13, 2019	Richland County