

**Overall Summary of Reviewed Municipalities and Area(s) of Expertise**

Municipality	Funding	Partnerships	Device Locale	Effective Technologies	Enforcement	Data	Public Engagement
Huntsville, AL	Litter enforcement fines, litter taxes, bottle deposit laws	Partners with small businesses	N/A	Free cigarette disposal receptacles offered to small businesses	Littering is a Class B misdemeanor	N/A	Neighborhood Pride Program partners with individuals and neighborhood associations to design a clean-up and landscape improvement program unique to their community
Shreveport, LA	N/A	Partners with small businesses, schools, civic associations and volunteer groups	Litter Index Survey	N/A	Fines range from \$150 for simple littering to \$10,000 for large items	Annual Litter Index Survey	Offers schools the option to request presentation on environmental topics, meet and present with neighborhoods
Durham, NC	Plastic bag legislation	Partners with municipalities, businesses and individuals	Litter Index Survey	N/A	Swat-a-Litterbug Program where citizens can report people who litter	Annual Litter Index Survey	Adoption program
Chattanooga, TN	N/A	Partners with state agencies, local municipalities and volunteer groups	N/A	N/A	Fines range from \$50 to \$3,000	N/A	Chattanooga Park Stewards Volunteer Program
Greenville, SC	Litter Prevention Grant	Palmetto Prideways partners with businesses and law enforcement agencies	N/A	N/A	Enforcement committee, Zero tolerance program, Camera Loan Program, Litter Busters Hotline	N/A	N/A
Philadelphia, PA	Litter Microgrants offered to local organizations	Community Cans program partners with local artists to paint trash baskets to foster community pride	Litter studies on litter reduction/recycling; Community Cans program collaborates with local organizations to strategically place trash baskets along popular commercial corridors	N/A	Formalized environmental crimes unit in PPD neighborhood services unit	Annual Litter Index Survey	N/A
Lexington, KY	N/A	Partners with businesses to to perform waste audits to assess recycling efforts and advice on improvements	N/A	N/A	N/A	Annual Litter Index Survey	N/A
Louisville, KY	Kentucky's Department of Environmental Protection offers a Litter Abatement Grant	N/A	Litter Assessment located streets with biggest litter issues and the city added more decorative waste receptacles and ten surveillance systems to these areas	N/A	N/A	Litter Assessment was performed to establish a litter baseline, including where litter originated, types of litter and locations where litter was commonly found	N/A
Montgomery, AL	N/A	N/A	N/A	The city has partnered with Repower South, who is developing new technology to make recycling more efficient/environmentally friendly	N/A	N/A	N/A
Charleston, SC	Litter Prevention Grant, plastic bag legislation	Palmetto Prideways partners with businesses and law enforcement agencies	N/A	The city has partnered with Repower South, who is developing new technology to make recycling more efficient/environmentally friendly	Enforcement committee, Zero tolerance program, Camera Loan Program, Litter Busters Hotline	N/A	Incentive based education programs for schools
Jacksonville, FL		N/A	N/A	N/A	Fines begin at \$55 and increase up to \$350 for 5th offense	N/A	N/A
Birmingham, AL	Alabama Department of Environmental Management's Recycling Fund Grant offered to local governments, public schools and authorities	N/A	N/A	N/A	Litter enforcement fines, litter taxes, bottle deposit laws, "penny sales tax"	N/A	Litter Quitters gives presentations to participating schools, including all 30 schools in Jefferson county
Fresno, CA	Sales tax	N/A	N/A	N/A	N/A	N/A	N/A

Funding for Litter Abatement Programs		
Program	Information	Benefits & Challenges
<b>Municipal/Local Led Funding Strategies</b>		
ADDEM - recycling	<u>grant program aimed at increasing recycling efforts.</u>	
Palmetto Pride	Litter Prevention Grant: All litter control organizations, non profits and government agencies eligible. Uses develop successful anti-litter and enforcement programs. Criteria: The organization specifically looks for community cleanups and educational programs, illegal dumpsite remediation and trash equipment purchasing.	Assists with Phase I MS4 program compliance
Palmetto Pride	Litter Task Force Grant: Assists county governments in hiring part-time litter enforcement officers dedicated to enforcing state and local litter laws.	
Philadelphia, Pa	Microgrants offered to local organizations who propose to develop or expand innovative and impactful litter abatement programs. Last year, the City gave seven organization microgrants in support of the City's bold Zero Waste goal.	Encourage and support successful litter abatement and prevention initiatives by local organizations and governmental agencies.
<b>State Grants</b>		
<u>Kentucky Department of Environmental Protection's litter abatement grant program</u>	These sources of funds are great ways to perform intensive work on litter abatement projects and jump-start long term efforts. Because of the episodic nature of these grants, they should not be relied upon for long-term funding of litter abatement programs. Many funded by tire disposal fees and/or fees that come from litter enforcement fines. Currently proceeds from litter enforcement fines in Alabama are split between the general fund and the municipality or county where the fine was issued. Many states also have litter taxes and bottle deposit laws that fund litter abatement programs. While the Alabama Department of Environmental Management (ADEM) does offer a grant program aimed at improving recycling efforts, we are currently unaware of any similar litter abatement grants offered by the State of Alabama.	
<u>Washington Department of Ecology's community litter cleanup grant program</u>		
<u>Ohio Environmental Protection Agency's community and litter grants program</u>		
<u>West Virginia's litter control grant program</u>		
<u>Virginia Department of Environmental Quality's litter prevention grant program</u>		
<u>Tennessee Department of Transportation's litter grant program</u>		
<u>Nebraska Department of Environmental Quality's litter reduction and recycling grant program</u>		
<u>Illinois Department of Natural Resources' litter grant program</u>		
<b>Federal Grants (not an exhaustive list)</b>		
NOAA	Marine Debris Removal	
EPA	Trash Free Waters	
HUD	CDBG qualified areas	
<b>Non-Traditional Funding Strategies</b>		
Single-use plastic bags fees	Currently hundreds of municipalities in the country have some sort of rulemaking on single use plastics. Notable cities in the Southeast that have plastic bag legislation include Charleston, Sc (adopted), and Durham, Nc (pending).	Benefits: Can create sustainable funding for litter prevention effort while simultaneously reducing litter. Challenges: Several other cities in Texas and Florida had similar bans or fees that were removed after action was taken by state legislatures and/or state courts to preempt these ordinances.
Fresno	Fresno uses a portion of the proceeds from sales taxes to fund litter abatement programs. This is similar to the "penny sales tax" Mobile, Al has in place through 2023.	

Program	Information	Benefits & Challenges
Philadelphia, Pennsylvania Community Cans Program	The city partners with local organizations to foster community responsibility for keeping their neighborhoods free of trash. The city works with community leaders to strategically place trash baskets in public right-of-way's along popular commercial corridors	foster a deeper sense of community pride. Since its inception in 2018, the Community Cans Program has expanded to eight neighborhoods and has consulted with 24 local organizations, eight of which have placed 65 community cans throughout Philadelphia.
Philadelphia, Pennsylvania Community Cans Program	partners with local artists to decorate and paint the trash baskets	
Huntsville, Alabama	The city gave small businesses in the city free cigarette disposal receptacles to encourage proper disposal of cigarettes	
Palmetto Prideways	allows businesses to sponsor a two-mile section of a highway to be cleaned by SC Department of Corrections inmate services.	
Lexington, Kentucky's Bluegrass Greensource	They collaborate with businesses to host educational presentations and perform waste audits. A recycling waste audit will be performed on both municipal buildings and willing businesses to assess their recycling efforts and gain knowledge on how to improve.	

## Identifying Locations for Installation of Trash Capture Devices

Program	Information	Benefits & Challenges
Philadelphia & the City's Behavioral Science Initiative	Philadelphia partnered with the City's Behavioral Science Initiative to conduct two litter studies on litter reduction and recycling. <sup>xiv</sup> The first study collected data on the effect of waste receptacle placement on litter and cleanup time.	The results revealed that when fewer trash cans were available less trash was placed in the cans and more staff time was spent cleaning litter. It is also helping to justify the expenditure of city funds, and craft policy and regulation on increasing bin distribution location
Louisville, Kentucky Neighborhood Cleanliness Project	conducted a litter assessment to establish a baseline of litter, note where litter came from, the major types of litter and the locations where litter is most commonly found.	

**Effective Trash Reduction Technologies**

Program	Information	Benefits & Challenges
Montgomery, AL	<p>a recycling company called RePower South (RPS) is developing new technology to make the recycling process more efficient and environmentally friendly. Recycling collected from Montgomery's residences is taken to the Montgomery Recycling and Recovery Facility where RPS's technology will sort the recycling and remove all non-recyclable products to be transformed into low-carbon, clean fuel. This fuel can be used to replace coal and is sold to industrial consumers and utilities.</p>	<p>helps reduce our dependence on coal and provides cleaner air at a lower cost than coal. The partnership between the City of Montgomery and RPS also provides a revenue-sharing provision, whereby the City receives funds from RPS if the sales of recovered materials exceed an agreed upon threshold.</p>
Charleston, SC	<p>RPS takes landfill-bound municipal solid waste and processes it so it can be transformed into either a recyclable product, like cardboard, or recyclable fuel used as a substitute for coal. Waste that is not able to be transformed into a recyclable product is then sent to the landfill.</p>	

Program	Information	Benefits & Challenges
Alabama	Class B misdemeanor increased possible jail time to 6 months and fines up to \$3,000.	some states the fines increase for repeat offenders
Charleston, SC/Palmetto Pride	Has its own enforcement committee which helps to develop and enact its own Palmetto Pride enforcement programs designed to help officers enforce litter laws.	
	The Camera Loan Program offers enforcement agencies the ability to borrow surveillance equipment to monitor “hotspots” in their jurisdictions. The agencies must then send Palmetto Pride a report on how the equipment was used and any findings or results.	
Charleston, SC/Palmetto Pride	The Zero Tolerance Program is a collaboration between Palmetto Pride, South Carolina Litter Control Association and statewide law enforcement agencies to educate citizens on litter laws and their associated fines.	
Philadelphia, Pa	has its own formalized environmental crimes unit within the Philadelphia Police Department Neighborhood Services Unit to coordinate illegal dumping surveillance. The crimes unit works with the Police Department to impound vehicles involved in litter crimes and streamline litter cases in the courts. It is in the interest of the different enforcement agencies to work together to enforce litter laws and ordinances and help improve the quality of litter control activities in their city, however it is also imperative that enforcement agencies work with local citizens to help enforce litter laws around their neighborhood.	

Jacksonville, FL	finer begin at \$55 for the first offense and increased up to \$350 for the fifth offense	finer are used to help pay for the salaries of litter enforcement officers.
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Data			
Program	Where	Information	Benefits & Challenges
<b>Annual Litter Index Survey Keep America Beautiful</b>	Participating cities: Philadelphia, Durham, Lexington and Shreveport, Louisiana.	data collection tool where participating cities conduct a visual assessment of the litter conditions of the streets, parks, highways, recreation sites, public schools, waterways, stormwater infrastructure and vacant lots. Field surveyors give a rating based on metrics given to them by Keep America Beautiful, with a "1" being little to no litter and "4" indicating litter that requires a major clean up. This survey allows the city to gather data on where the major litter problems occur and what types of ant-litter strategies are needed. The data is then indexed onto a map to show neighborhood litter ratings. The map also provides resources each neighborhood has to help those citizens keep their neighborhoods clean.	use of gathering data from multiple municipalities to understand how which management practices and anti-litter campaigns work best. The data has allowed Keep America Beautiful to identify seven major sources of litter: motorists/boaters, pedestrians, households, hauling uncovered loads, loading docks, dumpsters and construction sites.
<b>ETAP</b>	EPA - program is national	Escaped Trash Assessment Protocol (ETAP) is a data intensive form that collects a plethora of data about litter collected.	Can be useful in making decisions about where to target litter reduction efforts but requires great deal of time and energy to use and track;

**Public Engagement Programs**

Program	Information	Benefits & Challenges
Huntsville's Green Team	<p>Neighborhood Pride Program - partners with individuals and neighborhoods to help them design a cleanup and landscape improvement program specific to their neighborhood. Individuals can sponsor neighborhood cleanups and adopt and maintain specific locations in their neighborhood.</p>	
Charleston	<p>The Palmetto Pride Art Contest features artwork by students centered around litter. The winning design will be featured on a Palmetto Pride t-shirt. The Children's Book Contest allows students to write a book describing how litter affects everyone. At the end of the contest one book is chosen to be published and will be sent to every school for their library collection of litter-themed books.</p>	<p>Incentives for students to participate in anti-litter campaigns like these encourage students to become proactive members of their own neighborhoods in helping in the fight against litter.</p>
Birmingham, AL Litter Quitters	<p>gives presentations to participating schools, including all 30 public schools in Jefferson County.xxix The presentations discuss the local watersheds, how litter impacts these watersheds, and presents the schools with an opportunity to participate in a city-wide competition. Students compile a 60-second YouTube video discussing litter and why it's harmful and whichever video receives the most "likes" will win monetary prizes for their schools.</p>	

Durham, NC	offers an Adoption program which gives neighborhoods and individuals the opportunity to adopt different areas of their community, including streets, streams and parks.	
Shreveport, La	Presentations available upon request	
Chattanooga, Tennessee Chattanooga Park Stewards Volunteer Program	aims to improve the environmental and aesthetic quality of the parks and greenways by organizing volunteers, hosting local cleanups and providing outreach at events.	