

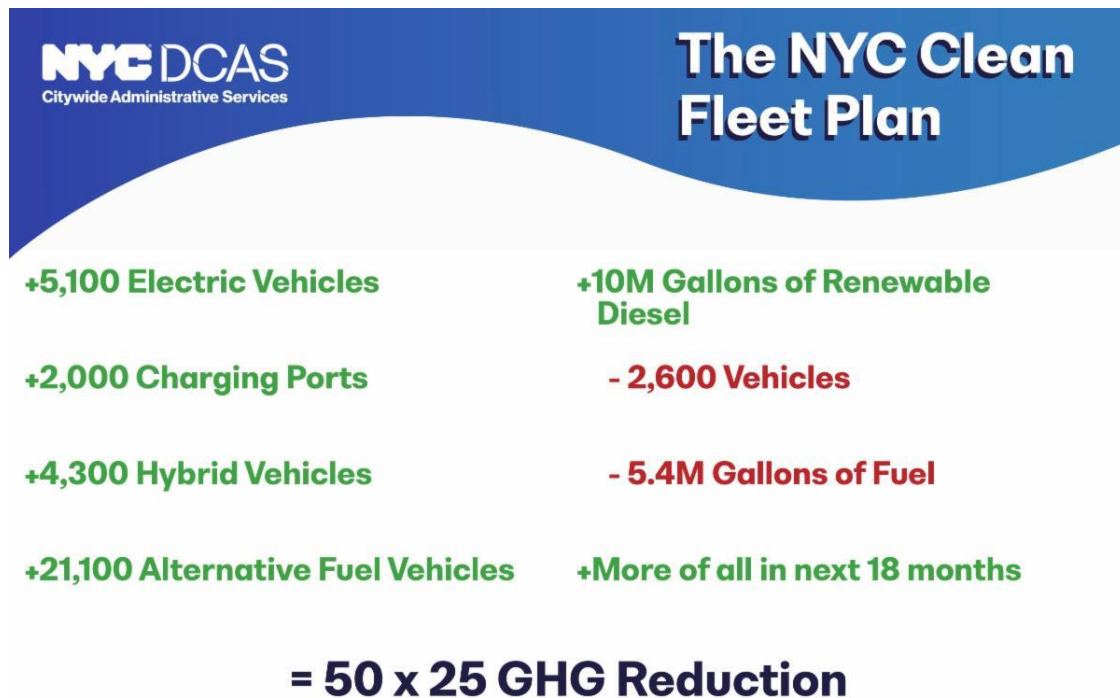
DCAS Releases Clean Fleet Report Update; NYC Fleet Will Achieve Fifty Percent Greenhouse Gas Emissions Reduction by 2025 (50x25)

By: Keith T. Kerman



In 2015, during the Paris international climate meetings, New York City committed to reducing 50% of greenhouse gas emissions from the City's fleet by 2025 – commonly known as 50x25. This ambitious commitment was codified in the [NYC Clean Fleet Plan](#), and Executive Order 41 requires regular plan updates. To this end, DCAS proudly published an update in [2021](#) and this week [announced](#) our second [update](#) at the 35th Annual DCAS and NYC Parks Fleet and Equipment Show in Flushing Meadows Corona Park. The latest iteration of the Clean Fleet Plan featured a monumental milestone – New York City will achieve 50x25 for the City's fleet ahead of schedule.

Many governments and organizations have declared their commitment to sustainability and published goals for reducing greenhouse gas emissions. However, not many have followed through on that commitment as efficiently as the City of New York. DCAS and all the City's fleet agencies have focused on sustainability for a decade, through good times and through crises, and while managing the daily pressures of fleet operations.

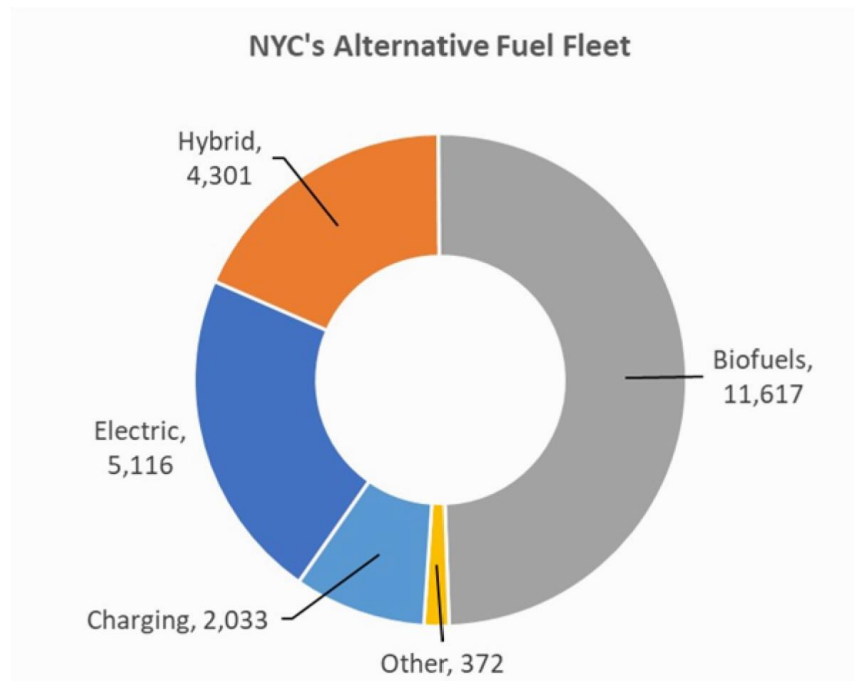


The plan identified a three-part strategy to achieve 50x25 and reduce vehicle emissions.

1. Fleet Electrification: DCAS recently surpassed the 5,000 plug-in electric mark and the 2,000th electric charging station. These are the largest programs in NY State and among the largest in the nation.
2. Hybrids and Efficiencies: The fleet operates over 4,300 hybrids. Under Mayor Adams, DCAS reduced the fleet by 4%. DCAS has also implemented proper sizing, alternative power units for ambulances, and solar off-road equipment.
3. Replace Fossil Diesel with Biofuels: The City first started using biodiesel in the fleet at NYC Parks in 2005. In November 2023, Mayor Adams announced that all fleet equipment, on and off-road, emergency, and non-emergency, would use renewable diesel and biodiesel by June 30, completely replacing fossil diesel. That rollout is

nearly complete, and NYC has already used over 9 million gallons, or 56% of the annual fuel use, since September 2023.

Through fleet electrification and efficiencies, DCAS has already reduced total annual fuel use by 5.4 million gallons, or 18%, since FY13. We will achieve additional reductions as more electric and hybrid vehicles replace older units in the fleet. Diesel fuel accounts for 60% of our total fuel use. The full transition of this fuel to biofuels will achieve over a 60% reduction in greenhouse gas emissions in the production cycle, enabling the fleet to achieve 50x25.



In its Climate Change 2023 [Synthesis Report](#), the Intergovernmental Panel on Climate Change (IPCC) asserts the need for immediate and urgent action to reduce greenhouse gases and address the rapidly escalating global impacts of climate change. The IPCC cites electric vehicles, biofuels for transport, and fuel-efficient cars among its recommended mitigation efforts for reducing infrastructure-related emissions. NYC's Clean Fleet Plan is an example of these steps being implemented rapidly.

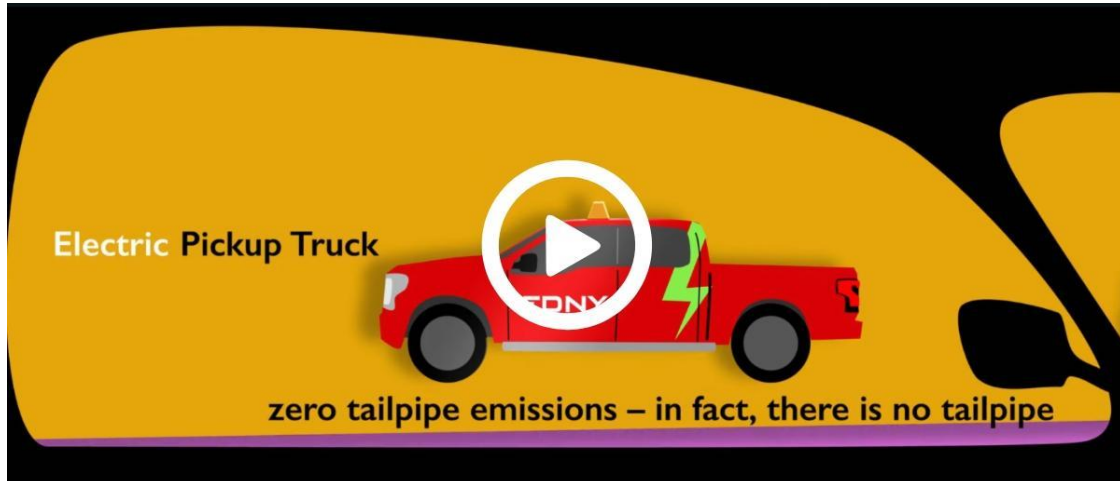
We hope you will read the report. Thanks to everyone in fleet and oversight agencies who have been part of this effort in the last decade. Special thanks to Harris Kaplan, Brent Taylor, Sherry Lee, Tamika Johnson, Eric Richardson, Masha Rudina, Dan Calles, Alvin Pettway, Matt Aronberg, Dilshad Basheer, Gary Prasad, Javier Negron Nieves, Marcin Gubernat, Jose Cajas, Julia Marchetti, Fiona Crisp and so many others at DCAS who have played critical roles in electrification, efficiencies, and biofuels.

Of course, nothing ends here. DCAS is committed to achieving 80x35 and implementing an electric fleet by 2038. The work continues.

We will have more about another terrific fleet show in upcoming newsletters.

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## Watch *'Batteries Included'* Below



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Cracking down on illegal smoke and cannabis shops with "Operation Padlock to Protect," protecting Lower Manhattan from climate change by breaking ground on the Battery Coastal Resiliency project, and supporting Business Improvement Districts that create successful and attractive blocks for small business and customers. This past week, we took action and made investments that are making our city more livable and more vibrant.

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[NYC Fleet Newsletter 456, May 2, 2024](#): Fleet Spotlight: Tonya Tillery, Homeless Services (DHS) Fleet

[NYC Fleet Newsletter 455, April 25, 2024](#): Marking 5,000 Electric Vehicles in NYC's Fleet, DCAS and NYC Public Schools Release Animated Educational Video "Batteries Included"

[NYC Fleet Newsletter 454, April 18, 2024](#): Better Vision for the Truck of the Future

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