

Biofuels and NYC

NYC Fleet

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Biodiesel Beginnings in NYC



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CLEANING UP AT THE ANNUAL FLEET SHOW

Last Wednesday, May 18, Parks & Recreation held its 17th annual vehicle and equipment show at Randall's Island. The trade show was attended by a record-breaking 110 vendors, along with staff from Parks, City and state government, and the non-profit world. Even the Office of Management & Budget (OMB) came by, to scope out the products we spend our equipment monies on.

This year's show highlighted some of Parks' fleet innovations. Marty Borruso from Environmental Alternatives was on hand, displaying vehicles fully powered by bio-diesel. Made from soybean plants, biodiesel is a safe, environmentally friendly, organic fuel source that greatly reduces emissions. Environmental Alternatives is currently partnering with Parks to fuel up to 20 heavy-duty vehicles in Staten Island with biodiesel.

Renewable Diesel Announcement, Nov. 2023

Press Release

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Mayor Adams Unveils Plan To Make NYC First East Coast City To Transition City's Heavy-duty Fleet Vehicles To Renewable Fuel

November 30, 2023



Email

By Mid-2024, All 12,600+ Heavy-Duty Vehicles in City's Fleet Will



Print

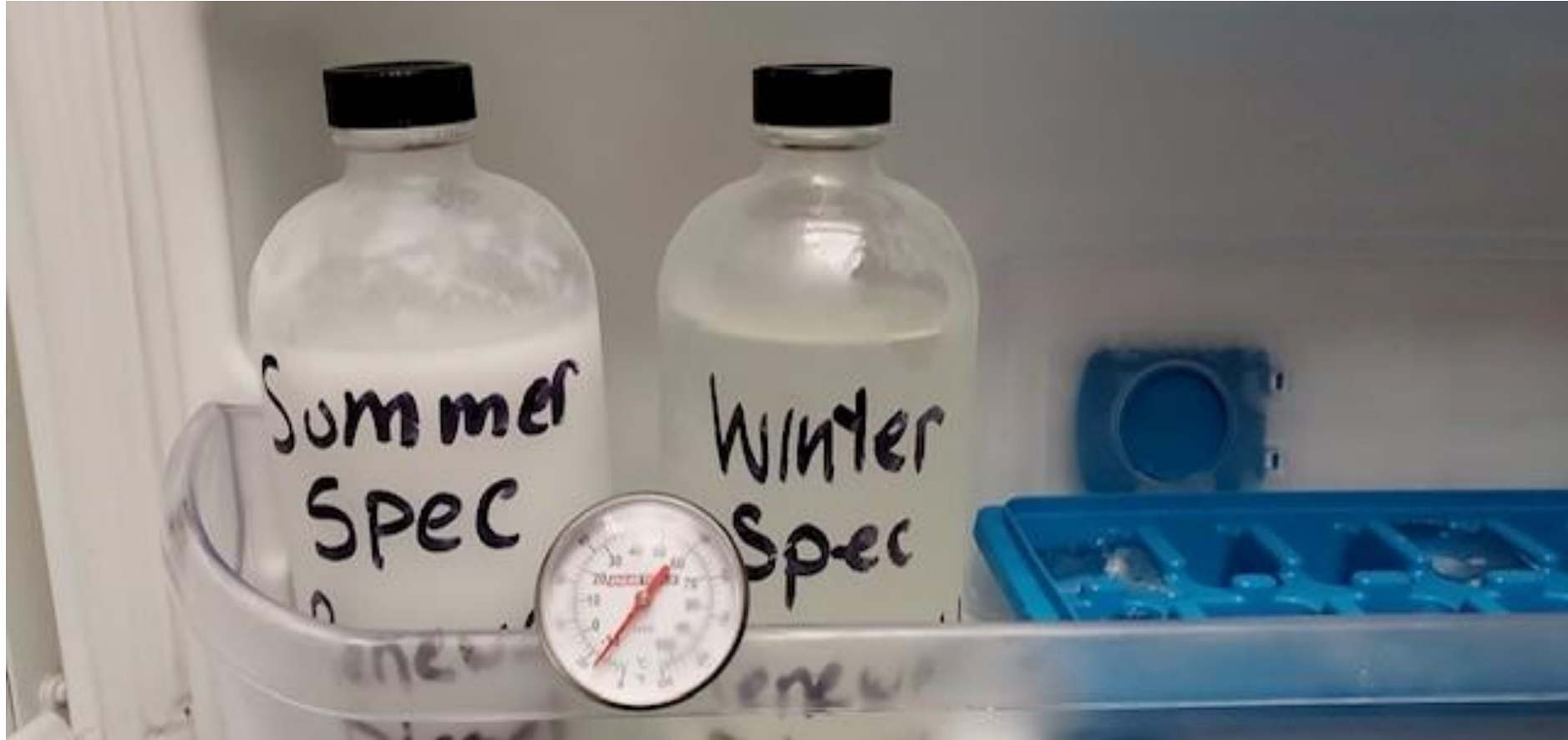
Transition to Cleaner, Renewable Diesel

Transition Will Replace Up to 16 Million Gallons of Fossil Fuel Every Year

NEW YORK - New York City Mayor Eric Adams and New York City Department of Citywide Administrative Services (DCAS) Commissioner Dawn M. Pinnock today outlined a plan that will make New York City the first city on the East Coast to transition all heavy-duty vehicles in the city's fleet from fossil to renewable fuel. The city's fleet currently includes more than 12,600 on- and off-road trucks and specialized equipment that operate on diesel fuel - but by the end of Fiscal Year 2024, they will all operate on renewable diesel.



First Major United States User of Artic Blend



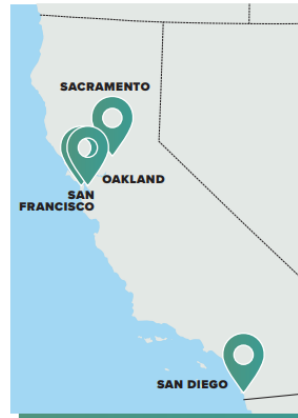
Clean Fuels NY Coalition Case Study, LCFS



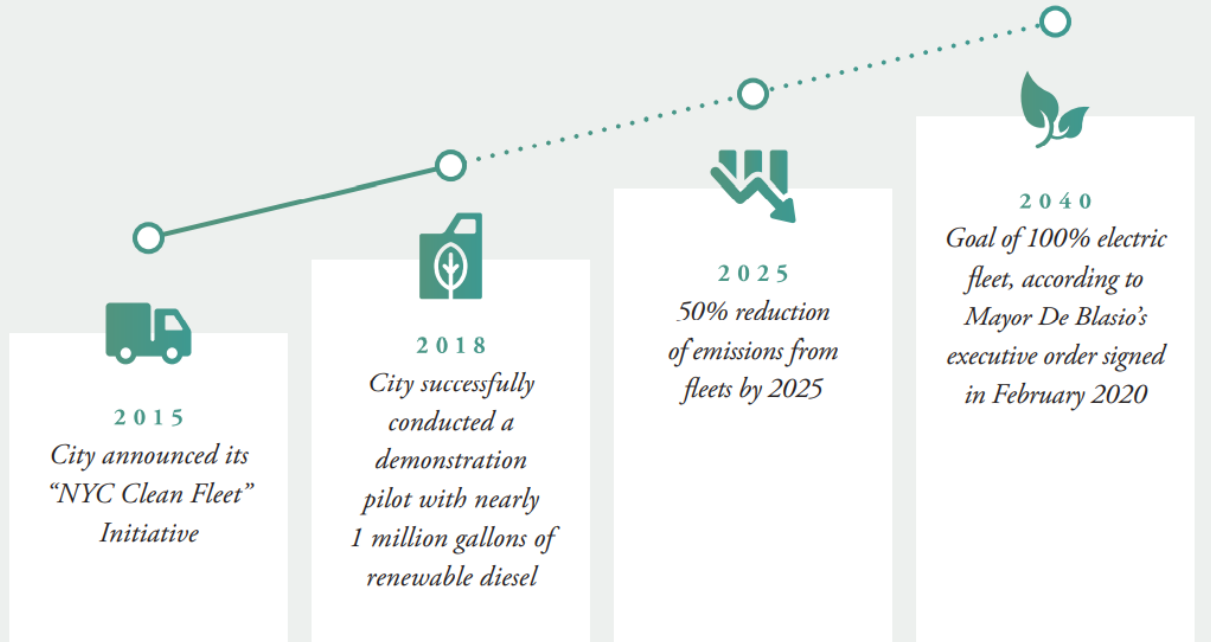
CASE STUDY

RENEWABLE DIESEL IN CALIFORNIA

Many cities and private companies have seen the importance and opportunity of replacing fossil diesel fuels with renewable diesel, a next stage biofuel derived from waste cooking oils, animal fat and excess soybean oils. Critically, renewable diesel can be used by a traditional engine and can immediately replace fossil diesel without investing in new or retrofit equipment. **San Francisco, Oakland, Sacramento, and San Diego have successfully switched to entirely renewable diesel, and UPS, Google and Boeing have also begun to phase in RD in their fleets.**



DRIVING THE INITIATIVE FORWARD



NYC Clean Fleet Plan

- NYC commits to GHG reduction
- 50x25 and 80x35 for City fleet

Updated NYC Clean Fleet Plan [HERE](#)

- Three basic strategies:
 - 1) Electrify everything we can as soon as we can
 - 2) Replace fossil diesel with biofuels
 - 3) Continue to implement hybrids and efficiencies

Electricity and biofuels needed in tandem to meet climate goals, UN report says

By Gerardo Fortuna | EURACTIV.com

Nov 8, 2018 (updated: Nov 19, 2018)



NY Law and Biodiesel



Mayor Bloomberg Signs Legislation Promoting Fuel Efficiency, Cleaner Fuel and Upgraded Engines in the City's Fleet of Vehicles

September 4, 2013

New York State Enacts Low-Carbon Heating Fuel Law



Governor Hochul signs bill requiring heating oil to contain 20% biodiesel

NYC Government Use of Biodiesel Blends			
FY	Blended Gallons for Government Buildings	Blended Gallons for Government Fleet	Total
	13	31,736,530	
14	35,457,127	14,080,534	49,537,661
15	35,554,585	15,597,826	51,152,411
16	22,669,030	15,281,204	37,950,234
17	23,792,071	15,780,318	39,572,389
18	27,412,541	15,698,806	43,111,347
19	25,955,047	14,596,581	40,551,628
20	20,354,876	13,305,898	33,660,774
21	23,145,725	13,792,271	36,937,996
22	25,699,426	14,219,288	39,918,714
23	21,256,343	13,848,141	35,104,484
Total	293,033,300	158,126,461	451,159,761

Total fuel use determined by winter temperatures; Prepared by DCAS Fleet

Contact

For more information, go to the NYC Fleet website:
<http://www.nyc.gov/html/dcas/html/employees/fleet.shtml>

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DCAS

THANK YOU