

THE NATIONAL BIO DIESEL FOUNDATION

Winter 2022 Newsletter

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Behind the Scenes with Tom



Throughout the year, I have the pleasure of spending time with many of the people who shape the biodiesel industry. They are the faces of biodiesel – Among them are Lt. Bill Fitch, a New York firefighter who participated in our **Field of Dreams event** and learned how biodiesel is made. Bill depends on the biodiesel fueling his rig, Engine 59, to perform in all weather conditions. Keith Kerman, a friend of the Foundation, manages New York City's public fleets and educates Congressional staffers on the impacts of federal and state policies on biodiesel use. Jenny Frank's doctoral research will help build investor confidence in the economic benefits of biomass-based biofuels. In Washington DC, Fleet Directors Tim Fitzgerald and Ryan Frasier have been adding more B100 vehicles to the city's fleets every year.

I hope you will enjoy reading about these individuals and the many ways the Foundation is working to make our shared goal of tackling carbon reduction with clean burning biodiesel a reality. This year, in tandem with the changes at our affiliate organization the Clean Fuels Alliance America (formerly the National Biodiesel Board), NBF will take on a new name to reflect our expanding mission. We will keep you informed as these changes take place. Please read to the end of this newsletter for ways you can help us do more and can stay in touch. Finally, thank you to all the corporate and individual donors and event sponsors who make our work possible - and especially to you for your interest in biodiesel and how it offers a way forward to a better future. --
Tom Verry, Executive Director



Lt. Bill Fitch, FDNY (left); Colleen Klein, NY Corn and Soybean Growers Assoc.; Danny Youngson, FDNY; and Tom Verry, NBF enjoy a visit to Lott's soybean farm in Seneca Falls, NY.

Supporting Research - An NBF Cornerstone



Sustainability Workshop participants meet in Kansas City, Nov. 2021

The Foundation co-hosted the **2021 Biodiesel Sustainability Workshop**.

Dozens of researchers and stakeholders met in Kansas City to focus on opportunities to further increase the already highly sustainable production of biodiesel, renewable diesel, and sustainable aviation fuel. Presentations were grouped into three areas: agriculture, fuel production, and reporting of benefits. Researchers present included Jenny Frank, a

doctoral student at the State University of New York (SUNY) who is in phase two of a study quantifying the cumulative greenhouse gas emissions and financial viability of heavy-duty transportation pathways in northeast U.S. She says, "We are also considering vehicle, battery, and operating costs and social costs for revenue and hauling rates in each scenario."

In 2022, NBF looks to collaborate with the broader agricultural and biofuel sector on cross-cutting projects to slash emissions in the supply chain. Working closely with the Clean Fuels Alliance America Director of Environmental Science, NBF is supporting this research to help the industry reach short and long-term sustainability goals.

Raising Awareness and Building Knowledge



NYC Chief Fleet Officer Keith Kerman (center) with Tom Verry and Ralph Lott of the United

The Congressional Biodiesel Sustainability Tour Series continued in 2021. Federal Congressional staffers serving key biodiesel markets in New York and California met virtually. This Series educated decision makers on the policy impacts on biodiesel supply and demand. Both tours included discussions on health benefits, the low carbon fuel standard and feedstocks. The NYC tour also focused on biodiesel and bioheat oil in rural areas. In-person tours are planned for 2022. See

Soybean Board, explained in a pre-recorded video that NYC, “has had a tremendous experience using biodiesel as an alternative to regular diesel going back to 2005 when we started using biodiesel in our fleet vehicles. We now use biodiesel in all our buildings.”

[Chief Fleet Officer Keith Kerman's full conversation here](#). And read more about the tours on NBF's website: [California Session](#); [New York City Session](#).

Growing the Biodiesel Market



Fueling a municipal refuse truck with B100.

The Foundation continues to support biodiesel use in our nation's fleets by hosting events like the Virtual B100 Biodiesel Showcase and partnering on federal grants. Attended by hundreds of stakeholders, these virtual trainings demonstrated how fleets use B100 to reduce 95% of their direct and indirect GHG emissions.

NBF and partners received four Diesel Emissions Reduction Act (DERA) grants from the Environmental Protection Agency totaling \$2.18 million and bringing 40 new B100 snowplows and heavy-duty utility vehicles to Iowa and Washington DC. The B100 grant concept led by NBF has paved the way for other similar grants. Christine Davis, Director, DC Department of Public Works recognizes the many benefits of biodiesel in fleet operations. She says, “We are proud that we are helping the farmers, that we are using biodiesel to deliver our services, and we are also at the same time, helping clean the environment.” Watch ["Protecting the Health of DC's Workers and Citizens"](#) with Christine Davis on NBF's YouTube channel.



Director Christine Davis explains DPW's commitment to B100 use in a new video.

Learn also how DC fleet directors Tim Fitzgerald and Ryan Frasier are reducing carbon emissions in ["B100 Brings Better, Cleaner Now to Nation's Capital Fleets - YouTube."](#)



Colleen Klein and Tom Verry (front left) and NYC Firefighters tour Lott's Farm in Seneca Falls, Aug. 2021

Farmers, Firefighters & America's Favorite Pastime – Baseball. NBF returned to New York City last summer. Building on our relationship with the City's first responders. NBF's Tom Verry and Colleen Klein, Executive Director of the NY Corn and Soybean Growers Association hosted 15 members of the New York Fire Department Incident Management Team on a tour of Ralph Lott's farm in Seneca Falls, northwest of NYC. During

the tour, firefighters learned how biodiesel, the fuel that many of their life-saving vehicles run on, is produced from a variety of feed stocks --one of which is soybeans. After the farm tour, the group had a watch party of the "Field of Dreams" baseball film sponsored by the National Corn Growers Association. The event honored firefighters for the daily sacrifices they make to keep communities safe.

[Read more.](#)

2022 Fundraising Auction

Annual Auction a Success. Thank you to all those who donated or sponsored items and participated in NBF's silent and live auctions held at the national conference. Over ten percent of conference attendees placed bids in the two events raising close to \$30,000. All the proceeds go directly to biodiesel research and education.

Upcoming Activities

- Beth Calabotta Sustainability Education Grant: \$2,000 student grant. Application guidelines will be announced this Spring.
- Sustainability Workshop: Held yearly in conjunction with the Clean Fuels Alliance America Technical Workshop.
- New York and California Congressional Tours: Information and 2022 dates available soon.
- Research: NBF plans to support research to update GTAP land use change model data and extract more oil from corn.

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