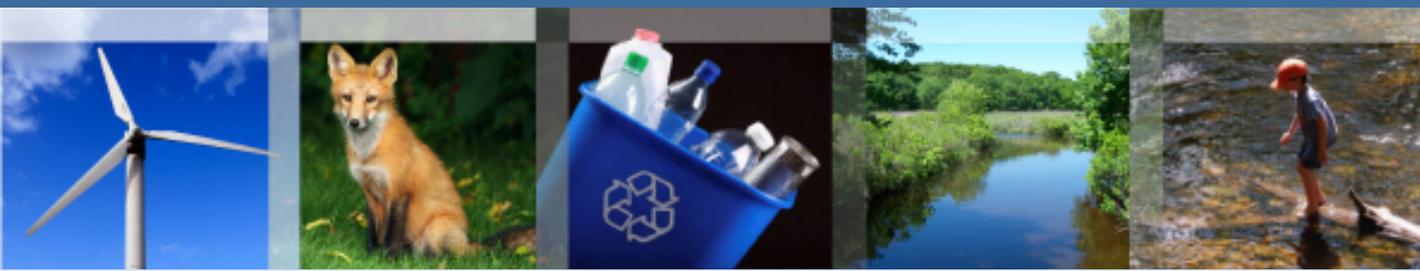




# Connecticut Department of Energy and Environmental Protection



# 2019 State Diesel Emissions Reduction Act (DERA) Grants

SIPRAC 2-13-20  
Patrice Kelly



Connecticut Department of Energy and Environmental Protection

# State Program Goals & Restrictions

- Connecticut runs its program as a rebate program
- Designed to achieve significant reductions in diesel emissions.
- EPA Restrictions
  - No fleet expansion
  - Scrappage Required
  - Early Replacement no longer required in 2019, but required for 2018 funds
  - Model Year Ranges more limited than in VW program



# 2019 Funding Available

- Total: \$1,134,460.95
- Sources:
  - EPA allocation and matching bonus
  - VW DERA Option funds for State Match
  - Funds remaining from 2017-18 DERA program
    - Due to withdrawal of 2 projects in 2017
    - Early Replacement Required for 2018 funds



# 2019 State Program Schedule

- Solicitation opened October 15, 2019.
- Submission Deadline November 25, 2019
- Award Letters Issued January 22, 2020
- **Develop project implementation plans for EPA approval**
- Completion Deadline August 31, 2020



# 2019 Applicants

**Town of Burlington**

**Town of Canaan**

**Town of East Hartford**

**F & F Concrete**

**First Student – Hamden**

**Gateway Terminal**

**H.I. Stone & Son**

**Kay's Trucking**

**Town of New Milford**

**O & G Enterprises**

**Student Transportation  
of America – Groton**

**City of Stamford**

**Sysco Leasing**

**Target Enterprises**

**Tirollo Bus Company**

**Town of West Hartford**

**Town of Weston**

**\* Proposals Selected for Funding**



Connecticut Department of Energy and Environmental Protection

# Overview of Selected Projects

## 12 Projects Selected\*

- 2 School Bus Projects: total 3 school buses
  - 1 EV school bus: *up to 45% of cost*
  - 2 gasoline school buses
- 1 Drayage Truck Project: total 6 trucks: *up to 50% of cost*
- 3 Commercial Truck Projects: total 6 trucks
- 6 Municipal Truck Projects: total 12 trucks

\*Funding allowed up to 25% of cost unless otherwise noted



# Summary of Total Benefits

## From the 12 selected projects

- Annual NOx Reduction: 4.4 tons/year
- Lifetime NOx Reduction: 18.6 tons
- Lifetime CO2 Reductions: 2,051 tons
- Lifetime HC Reductions: 1.1 tons
- Lifetime PM2.5 Reductions: 0.8 tons
- Cost Effectiveness, DERA share: \$61,098/ton of NOx reduced

