

## 6.6 Manage Municipal Fleets

10 Points

### Objective

Increase the environmental sustainability and efficiency of your fleet and fleet maintenance program.

Complementary Action:

- [Support Zero Emission Vehicle Deployment](#)

### What to Do

*All elements must be completed to receive credit.*

1. Inventory your existing fleet, including the total quantity of automobiles (cars, carts, trucks, tractors, buses, construction equipment). Itemize the number of vehicles that are gasoline-powered; gasoline-electric, non-plug-in hybrid; diesel-powered; diesel-electric, non-plug-in hybrid; solely electric; powered by compressed natural gas; hydrogen-fueled; fueled by B20 or higher biofuel for more than four months of the year. For each category include the current percentage of the total fleet that is powered by each fuel source.

**Submit:** A copy of your most recently completed fleet inventory.

2. Complete and adopt a Municipal Fleet Improvement Strategy that includes both modernization and rightsizing. Develop improved equipment specifications that focus on emissions, fuel efficiency, and more durable/sustainable replacements. Where possible and appropriate, plan to replace fleet vehicles that adhere to your upgraded efficiency standards. Where possible, plan to replace single-purpose equipment with multi-purpose machines. Develop a fleet rightsizing initiative/policy that includes cross-community sharing of fleet vehicles and equipment.

**Submit:** A copy of your new fleet management strategy with necessary components included.

### Potential Municipal and Community Collaborators

Representatives from your public works and purchasing departments and your energy commission could be helpful in implementing this action.

### Funding

Below are potential funding sources specific to this Action. For a complete listing of potential funding opportunities to assist with implementing Sustainable CT Actions, please visit the [Sustainable CT Grants Portal](#), which is searchable by Action. Please also visit the [Sustainable CT Resources for Certification](#) page for opportunities for technical assistance and other supports.

- CT Department of Energy and Environmental Protection, [EVConnecticut: Connecticut Hydrogen and Electric Automobile Rebate \(CHEAPR\)](#)

### Resources

### *Toolkits, Calculators, Guidance Documents*

- CT Department of Energy and Environmental Protection, "[Mobile Sources](#)"
- US Environmental Protection Agency, "[Green Vehicle Guide](#)"
- [GreenerCars Ratings](#)
- US Department of Energy, Alternative Fuels Data Center, "[Rightsizing your Vehicle Fleet to Conserve Fuel](#)"
- US Department of Energy, Alternative Fuels Data Center, "[Tools](#)"
- CT Department of Energy and Environmental Protection, "[Reducing Business and Fleet Transportation Emissions](#)"
- Acadia Center, "[Community Energy Vision, Action Guide for Connecticut](#)"

### *Organizations and Relevant Programs*

- CT DEEP, [EVConnecticut](#)
- University of Connecticut, [CT Transportation Institute](#)
- US Department of Energy, [Alternative Fuels Data Center](#)
- [Capitol Clean Cities of Connecticut](#)
- [Connecticut Southwestern Area Clean Cities](#)
- [Greater New Haven Clean Cities Coalition](#)
- [Norwich Area Clean Cities Coalition](#)

## **Why This Matters**

Many municipal fleets are poorly funded, resulting in older equipment operating beyond its expected life-cycle date. This can lead to lower fuel efficiency and higher emissions.

By identifying your fleet needs as compared to your fleet stock, you can identify opportunities to increase the efficiency and cleanliness of your fleet.

## **Benefits**

Modernization and right-sizing your fleet and equipment will save money in fuel, which offsets higher upfront equipment costs.

Proper fleet management practices ensure optimal operation, lower operating costs, reduced emissions, decreased demand for replacement parts, and optimal fuel efficiency. Fleet management practices that reduce the amount of petroleum products used (e.g. using synthetic oils) will lead to decreased demand for petroleum and fewer disposal requirements.

Since your fleet will use less fuel, the community will emit fewer greenhouse gases, leading to cleaner air and improved health conditions for residents.

## **CT Success Stories**

- Glastonbury, CT: [Fleet Maintenance Division](#) and [Vehicle/Station Upgrades](#)

## **Credit for Past Action**

- Inventory and strategy document must be updated prior to application submission.