6.6 Manage Municipal Fleets

10 Points

Action Updates

This action has been revised for the **current certification cycle**. A version of this action from the prior program year is available for comparison. Edits are highlighted in yellow. (Last updated 2020)

Objective

Plan for and implement projects to increase the environmental sustainability and efficiency of your municipal fleet and fleet maintenance program.

Complementary Action:

- Support Zero Emission Vehicle Deployment

What to Do

All elements must be completed to receive credit.

1. Manage Municipal Fleets **(10 points)**

   a. Inventory your existing municipally-owned fleet, including the total quantity of vehicles (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.

   Submit: A copy of your most recently completed fleet inventory. Please use the provided worksheet or a comparable format to submit your responses.

   Timeframe for Credit: Eligible for new action credit and rolling credit. This action falls under the action type "Websites, Maps, Inventories, Checklists, Assessments, Plans, Ordinances, Policies, Regulations and Resolutions" (see "Timeframe for Credit" Guidance Document for submission requirements).

   b. Complete and adopt a Municipal Fleet Improvement Strategy that might include:

   - Modernization of fleet vehicles;
   - Improved equipment specifications that focus on emissions, fuel efficiency, and more durable/sustainable replacements;
   - A fleet vehicle replacement plan that adheres to upgraded efficiency standards;
   - A plan to replace single-purpose equipment with multi-purpose machines; and
   - A fleet rightsizing initiative/policy that includes cross-community sharing of fleet vehicles and equipment.

   Submit: A copy of your adopted fleet management strategy.

   Timeframe for Credit: Eligible for new action credit and rolling credit. This action falls under the action type "Websites, Maps, Inventories, Checklists, Assessments, Plans, Ordinances, Policies, Regulations and Resolutions"

(see "Timeframe for Credit" Guidance Document for submission requirements).

Timeframe for Credit

Actions can either be "New" or considered for "Rolling Credit."

New Action Credit. Any action completed within the past three years (from January 1 of the year seeking certification) is eligible for potential certification points. If you are applying for recertification in your year of expiration, you may not claim New Action Credit for items that previously received credit.

Rolling Credit. For any action older than three years (from January 1 of the year seeking certification), you must demonstrate ongoing, currently relevant, and meaningful impact in your community to be considered for certification points. If you are applying for recertification in your year of expiration, you must apply for Rolling Credit for any item that previously received credit, even if it was completed within the past three years.

View the "Timeframe for Credit" Guidance Document for detailed submission requirements.

Engaging Partners

Sustainable CT encourages regional collaboration and other forms of partnership. For every action, please complete the "Partners" box in your submission, indicating the name(s) of any municipalities and/or organizations you partnered with (if any) and a brief description of your municipality's role. If you collaborate with other municipalities, each community will receive points. For additional information, please see the "Partners Guidance Document".

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

If available, 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 Support for Your Town page for opportunities for technical assistance and other supports.

- CHEAPR Incentive
- Urban Act Grant Program
- Municipal Grant Program (MGP)
- 2021 Sustainable CT Community Match Fund

- 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

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

- East Hartford - Oct 2019 Certification
- Scotland - Oct 2019 Certification
- Avon - Oct 2020 Certification