

# Sustainability Performance Plan

FY 2023

*This report was written in compliance with  
section 5 of Executive Order 1.*



# Sustainability Performance Plan

Executive Order 1 (EO 1) calls on Executive Branch agencies to advance environmental leadership and cost savings for taxpayers by reducing greenhouse gas emissions and other sustainability objectives in energy use in buildings and vehicles, water use, and waste disposal.

The goals of EO 1 include:

- 45% reduction in GHG emissions below 2001 levels,
- 10% reduction in water consumption from a FY20 baseline, and
- 25% reduction in waste disposal from a FY20 baseline.

Sustainability Performance Plans are plans drafted each year by Senior Sustainability Officers to detail agency progress and necessary goals, actions, and responsible parties to achieve the targets set in EO 1.

This report includes details on sustainability initiatives and participation in the GreenerGovCT initiative in FY23.

## Agency Details

**Agency:** The Connecticut Agricultural Experiment Station

**Senior Sustainability Officer:** Michael Last

**Date Submitted:** 11/22/2023

## GreenerGov CT Participation Overview

### 1. How has your agency worked towards the sustainability goals of EO 1 in FY23?

There are 2 projects that are currently in the design and planning phase that will move the agency closer to reaching the goals set forth in EO 1. A greenhouse renovation project at the New Haven campus will replace very outdated heating and electric systems as well as energy inefficient structural components. A renovation of the agency's Valley Lab in Windsor will greatly improve agencywide heating and power consumption with the inclusion of solar and geothermal components. The agency also applied for funding for electric vehicle charging stations. There have been no updates regarding this funding since the application.

### 2. List key agency staff involved in EO 1 in FY23.

Michael Last and Lisa Kaczinski

## Sustainability Projects

- 3. How many projects has your agency implemented that had a positive impact on sustainability in FY23? Include projects relating to infrastructure improvements as well as behavioral change that took place in owned, leased, or occupied space and were either in progress or completed in FY23.**

No projects were fully implemented in FY23. There are many areas where energy efficiency and sustainability could be targeted, but funding remains an ever-present hindrance on agency progression. The agency has implemented many energy efficiency projects in prior years funded by the Lead By Example Program (LEP). These projects included LED lighting, windows, and dual-fuel boilers. Opportunities would be LED lighting, solar power, plumbing/fixture renovations, and more would be possible with funding.

- 4. Provide a summary of the sustainability projects completed in FY23 at your agency. For each project include:**
- a. Project summary**
  - b. Project location**
  - c. Project status**
  - d. Project benefits**
  - e. Projected savings (in dollars and the appropriate unit of measurement if known)**

No projects were completed in FY2023

## **Future Plans**

- 5. What planned sustainability initiatives beyond FY23 does your agency have relating to GHG reduction, water use reduction, and waste reduction?**

GHG reduction will be realized with the renovation of the greenhouses and the Valley Lab as mentioned above. Water use reduction and waste reduction will require additional funding in order to be implemented. We are very interested in the installation of electric vehicle charging station but would require grant funding. The agency has had a meeting with the CT Green bank to discuss the installation of Solor at our main campus in New Haven and Lockwood Farm in Hamden. We will be touring the locations and requesting a proposal.