

STEERING COMMITTEE MEETING

ON STATE
SUSTAINABILITY

JULY 19, 2021, 2-3 PM



greenergovCT

A Lead by Example Initiative

AGENDA

1. 2021 PROGRESS REPORT HIGHLIGHTS
2. EO 1 FINANCING UPDATE
3. BACK TO THE OFFICE... MORE SUSTAINABLY
4. STARTING TO GO NET-ZERO AT CSCU
5. ENGAGING STAFF TO RECYCLE BETTER WITH CT LOTTERY
6. MEETING SUSTAINABILITY GOALS IN A NEW OFFICE SPACE WITH CT GREEN BANK
7. GREENERGOV CT AWARDS CEREMONY UPDATE
8. NEXT STEPS FOR AGENCIES

**A MOMENT OF
APPRECIATION FOR
STEVE LINK**

(5 MINS)

KIRSTEN RIGNEY, MARY SOTOS, RYAN ENSLING, CHRIS IWANIK

2021 PROGRESS REPORT HIGHLIGHTS

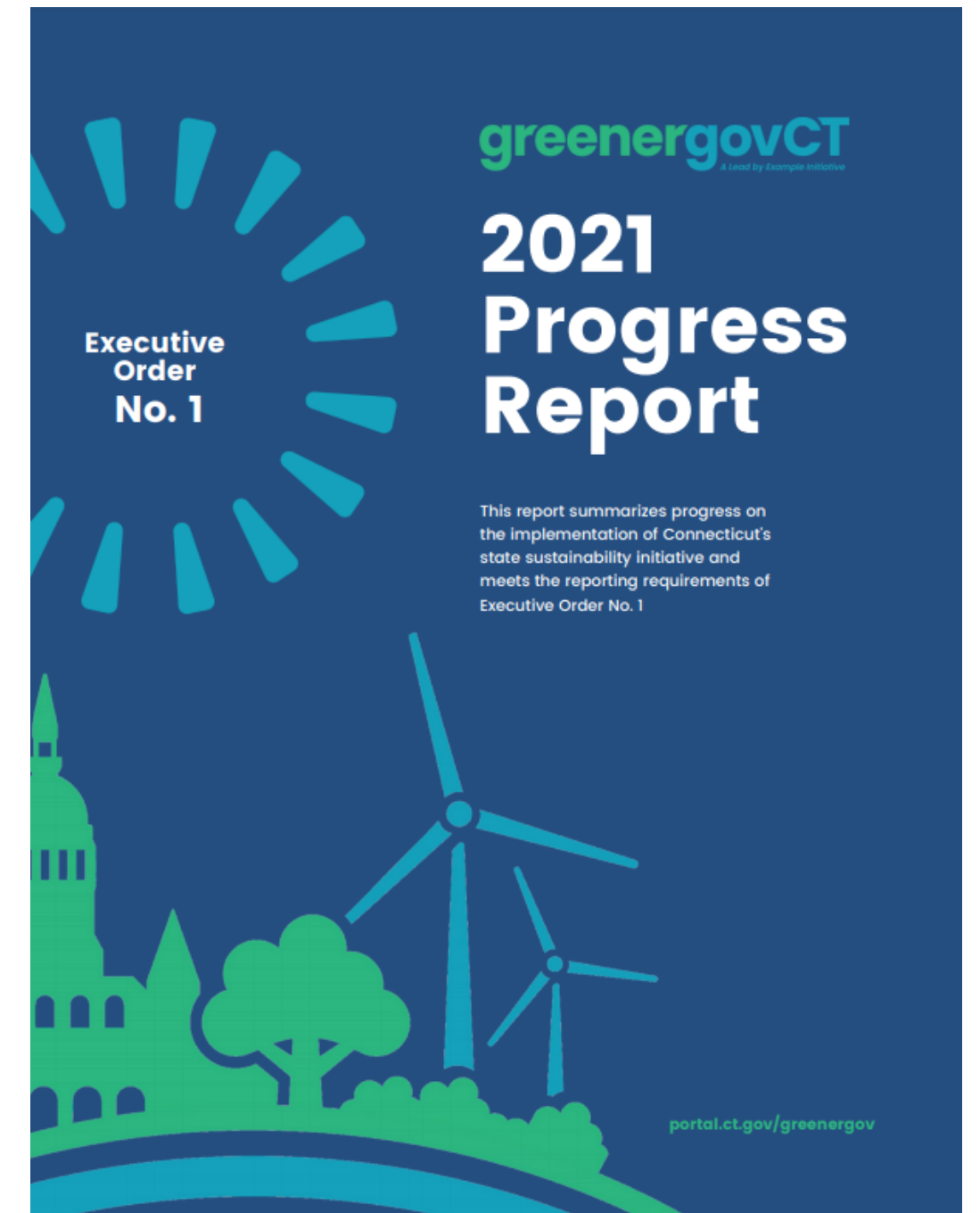
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PAULINE ZALDONIS, OFFICE OF POLICY AND MANAGEMENT

2021 PROGRESS REPORT

The GreenerGov CT 2021 Progress Report is now available on the GreenerGov CT [website](#). The report summarizes progress on the implementation of Executive Order 1 and highlights:

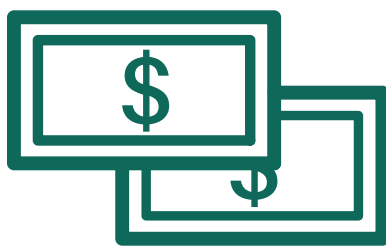
- Key achievements
- COVID-19 impact
- Project highlights
- Utility use and cost data
- Opportunities for 2021 and beyond



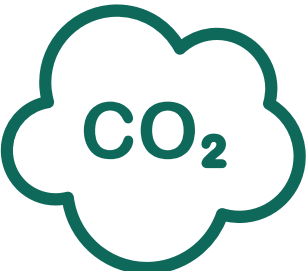
PROGRESS REPORT HIGHLIGHTS

Total Project Savings

Executive Branch Agencies



Dollar Savings
\$1,740,486.98



GHG Reduction
10,236 (metric tons)



projects, policy changes, and initiatives reported in the FY20 Sustainability Performance Plans.

Savings quantified on estimates shared in agency FY20 Sustainability Performance Plans.

AGENCY PROJECTS

Reducing State Vehicle Fuel Use

DHMAS installed six dual-head electric vehicle charging stations at the Connecticut Valley Hospital (CVH) campus for employee parking.

New Solar Sites

CSCU installed solar onsite at two community colleges and a fuel cell that will be operational later in 2021.

Reducing, Re-Using, Recycling

CT Lottery Corporation produced a recycling awareness event and monthly rollout of reminders, staff-led bottle/can redemption, and refurbishment of old ticket dispensers to put back into use versus throwing away and replacing.

Expanding Nature-Based, Efficient Infrastructure

DOT Maintenance added 18 conservation areas in 2020, adding to a total of now 80 areas statewide comprising approximately 150 acres.

Upgrading Building Heating and Cooling Systems

DMHAS replaced HVAC equipment throughout the Bridgeport facility and implemented improved controls. At CVH, failing steam piping was replaced to reduce the amount of steam loss to several buildings.

Switching to LEDs

Across UConn campuses, a total of 63 lighting projects were completed in FY 2020 as part of UConn's goal to convert all campuses to LED.

Creating an Internal Sustainability Team

CHFA is creating an internal Sustainability Committee to begin planning and implementing waste and energy reduction efforts at the agency.

FUTURE PLANS

Streamlined Data Management

- DEEP will be working with water utilities and waste service providers to collect and automate additional state data.

Electric Vehicle Infrastructure

- DAS Fleet will be identifying a dozen candidate sites across state government to replace conventional vehicles with electric passenger vehicles, and install supporting charging infrastructure.
- The state will plan to leverage Volkswagen Settlement Funds and federal funds to help reimburse the expenses associated with supply infrastructure.

Enhanced Materials Management

- DEEP will be collaborating with consultants to provide technical assistance to state pilot sites implementing food scrap diversion and collection.
- DEEP and DAS will work to revise the statewide trash and recycling contract to better meet the data needs and sustainability materials management goals of EO 1.

Building Decarbonization Opportunities

- Overseeing the implementation of 13 high-priority, bond funded energy and water efficiency projects.
- Partnering with Eversource and UI to build a pipeline of energy efficiency projects at smaller state properties, leveraging the utilities' on-bill financing offerings.
- Working with candidate state facilities under DEEP's State Energy Program federal grant to conduct Renewable Thermal feasibility studies assessing the opportunities, options, and costs associated with transitioning building heating and cooling away from fossil fuels and deploying solutions like heat pumps.
- Facilitating, with the CT Green Bank, the construction of 11 solar arrays on state property.

EO 1 FINANCING UPDATE

CLAIRE COLEMAN, OFFICE OF POLICY AND MANAGEMENT

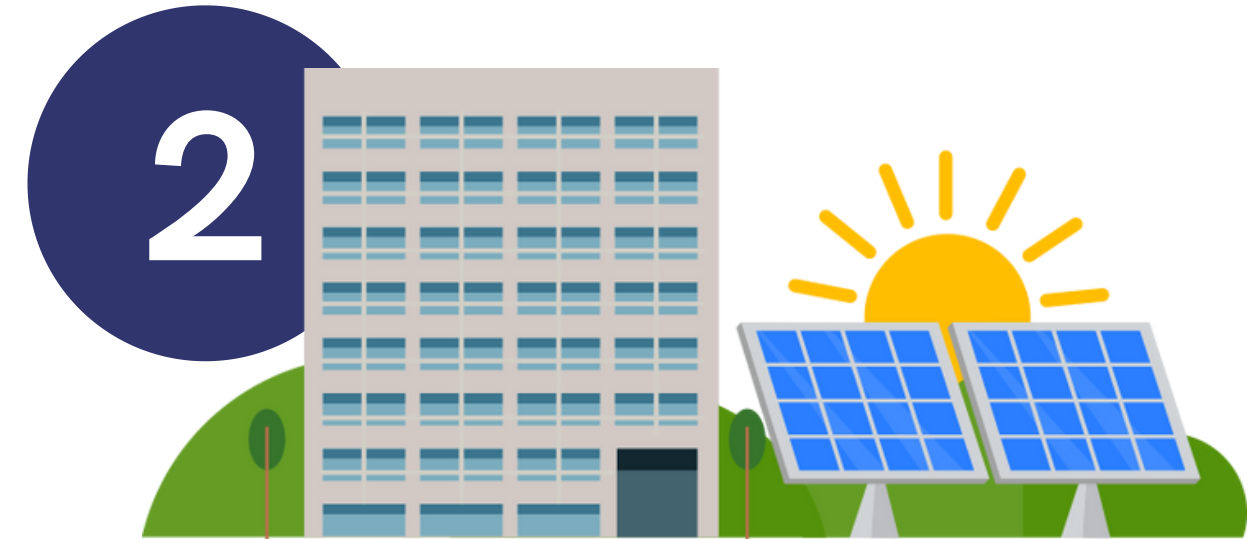
**BACK TO THE OFFICE...
MORE SUSTAINABLY
(15 MINS)**

**MARY SOTOS, RYAN ENSLING, AND CONNIE MENDOLIA
DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION**



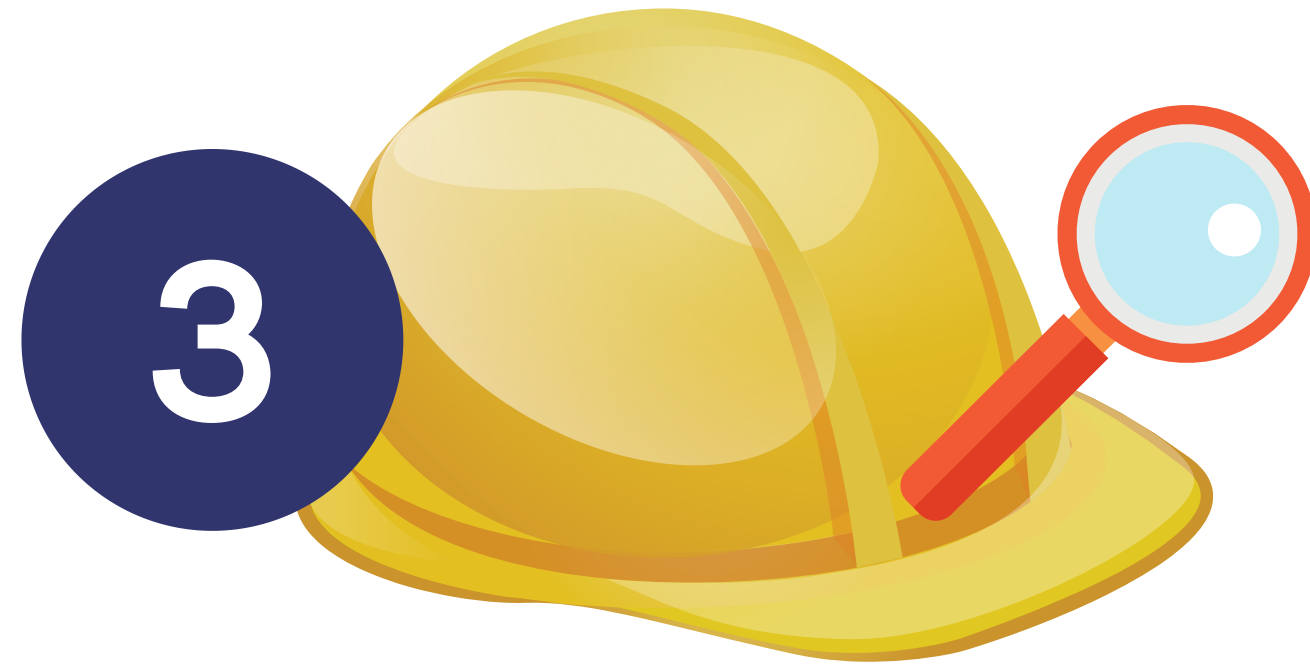
Identify agency vehicles which could be transitioned to electric models

Engage DAS Fleet and DEEP to identify potential vehicles/facilities to transition to electric models with charging infrastructure support. Email LeadByExample@ct.gov and Stephen.McGirr@ct.gov to get started.



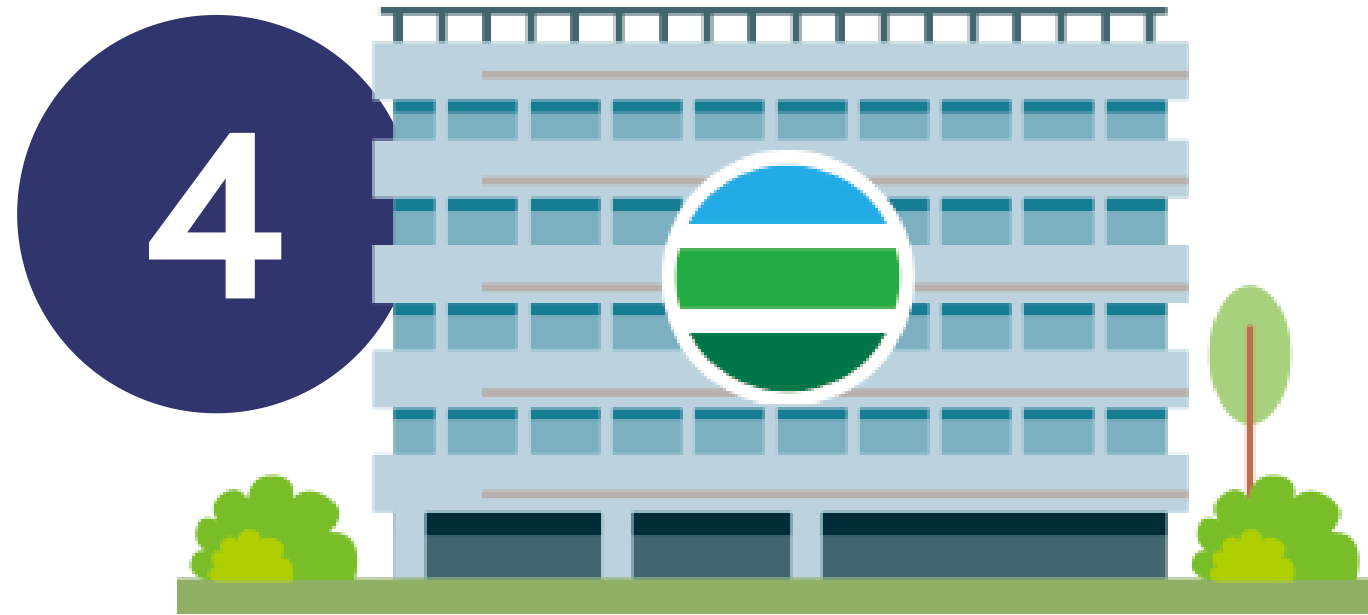
Assess the feasibility of hosting solar on your buildings or property

Contact the Green Bank to perform a feasibility assessment at one of your agency's properties. Email and Mackey.Dykes@ctgreenbank.com and LeadByExample@ct.gov to get started



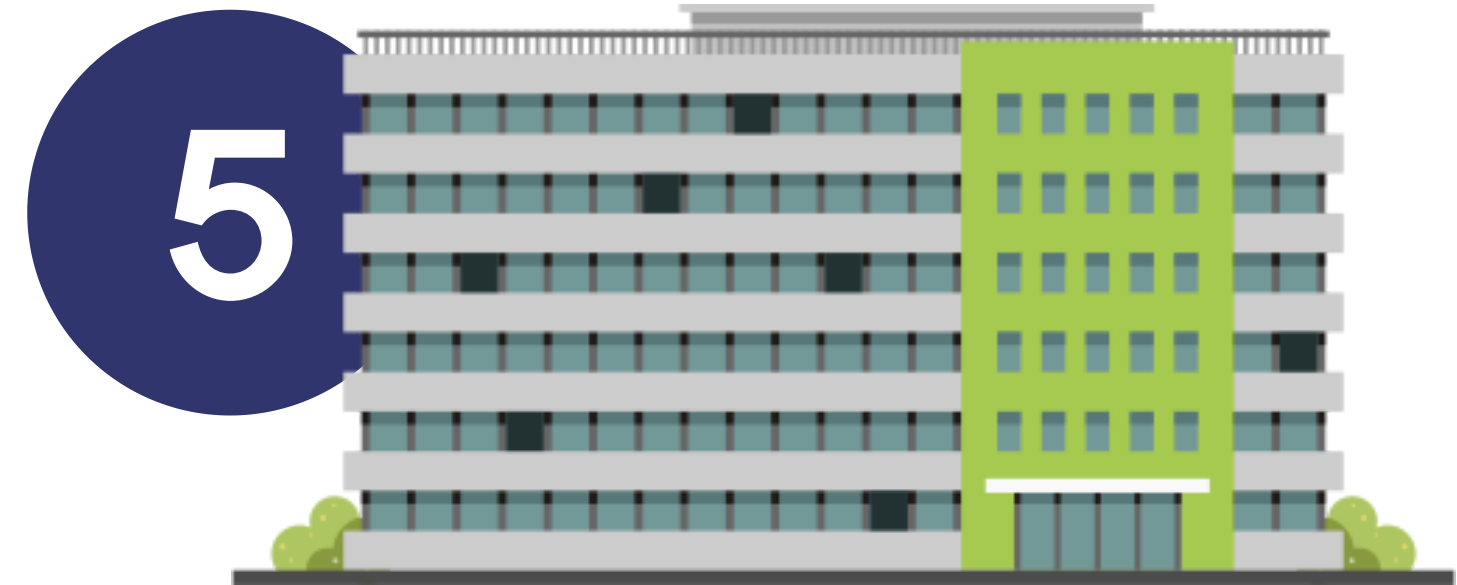
Have a free building energy audit performed

Basic no-cost energy audit of every space that hasn't already been audited in the last 5 years. This should identify basic opportunities to upgrade lighting or weatherization. **Fill out a Project Request Form to get started.**



Sign up a building to participate in Eversource's Strategic Energy Management program.

For properties above 5 million kWh annual usage, the utilities can provide energy usage/staff engagement/behavioral change coaching. Email leadbyexample@ct.gov to get started.



Have a No-Cost Retro Commissioning scoping study

For properties above 100k square feet and a BAS system, work with the utilities to conduct a scoping study and identify HVAC improvement and controls opportunities. Email leadbyexample@ct.gov to get started.



Optimize your dumpster size and pickup schedule

Evaluate your bin volume and usage to make sure you have the right sized dumpster for the waste you're generating.



Make a Green Team

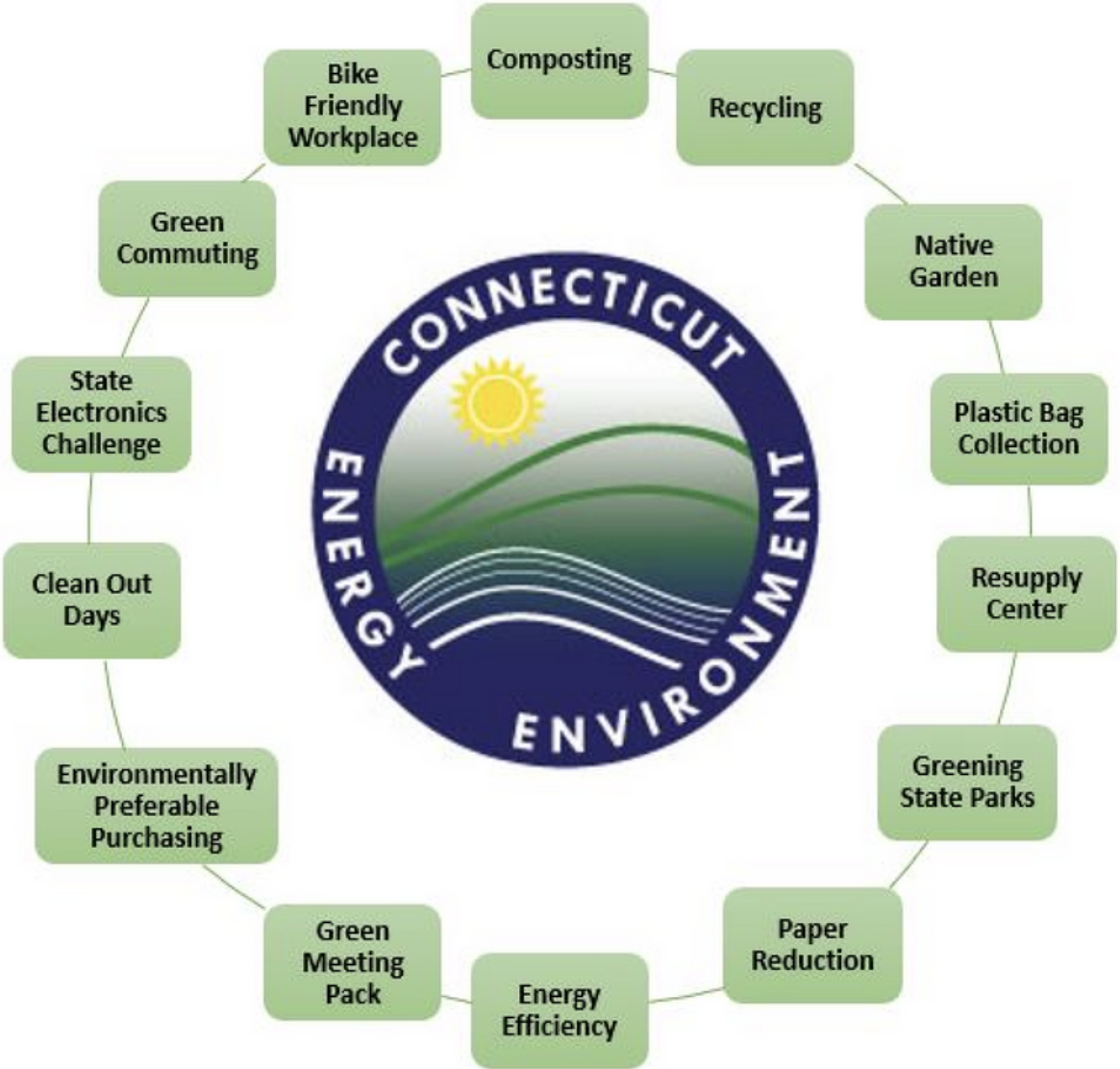
Put together a Green Team of staff invested in making space and operations more sustainable.

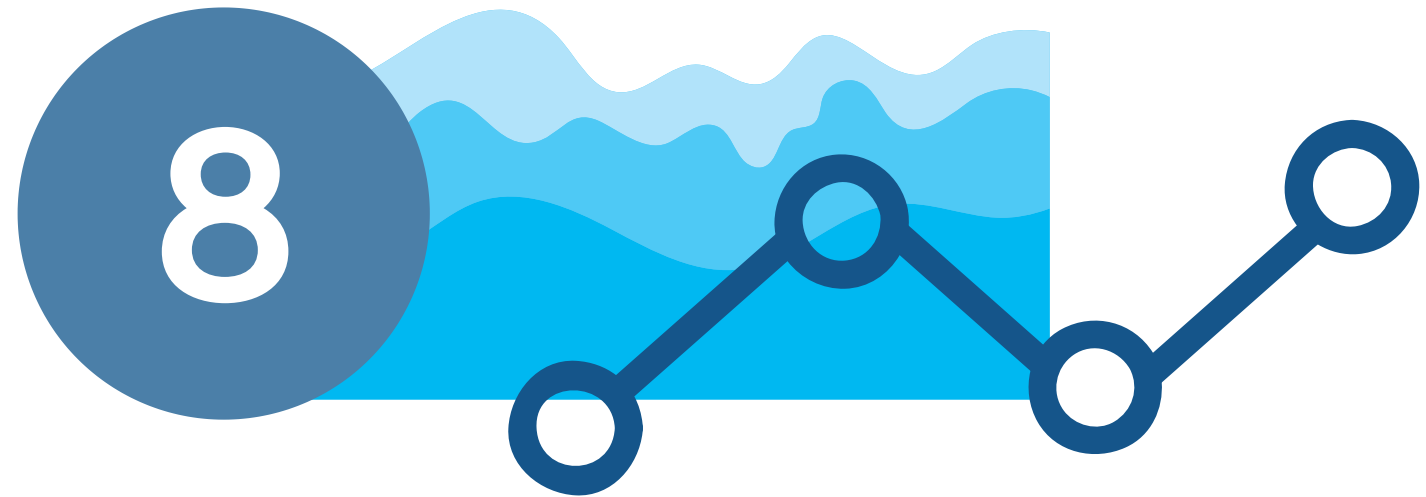
DEEP'S GREEN TEAM



GREEN TEAM Initiatives

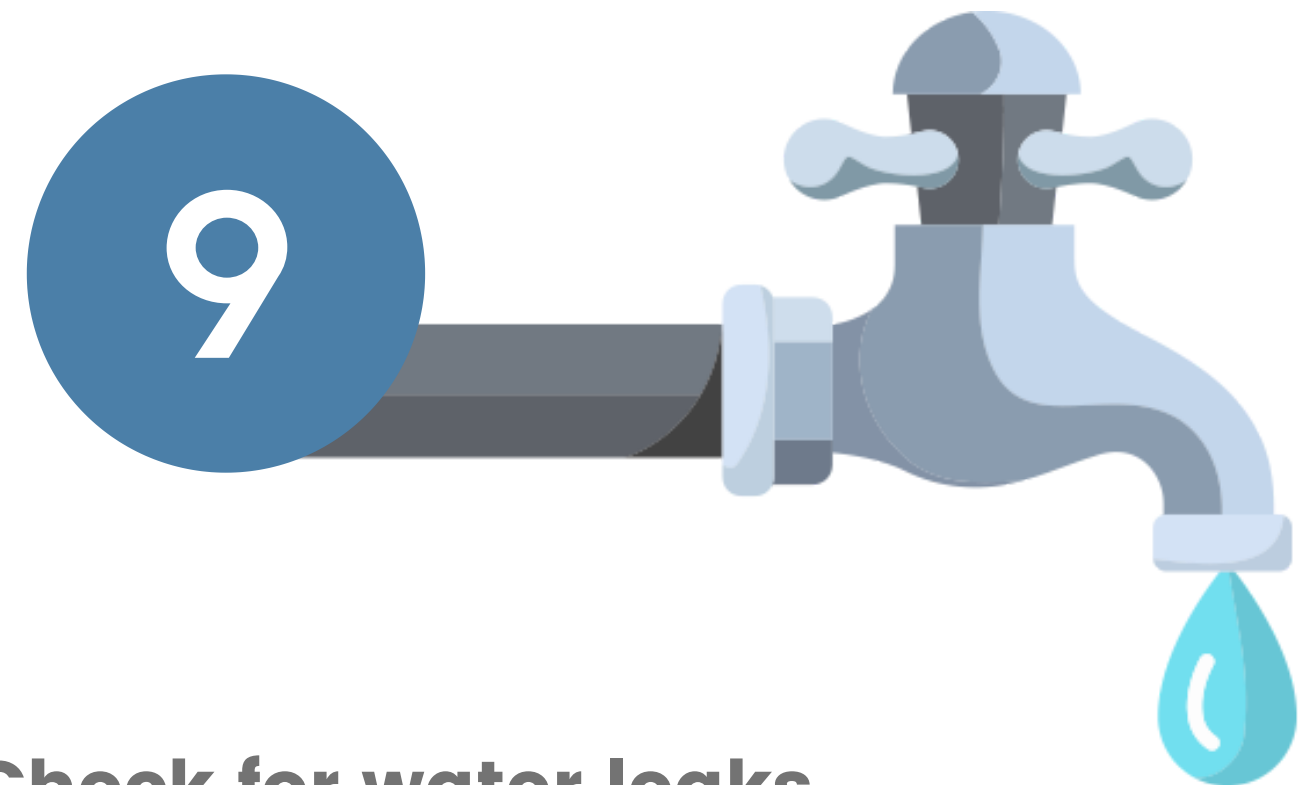
The Green Team works together to create an environmentally friendly workplace where employees can do their part to reduce, reuse and recycle and conserve energy.





Perform a water audit

Conduct a water audit in your facility to identify opportunities for fixture replacement or conservation actions. Email steven.harkey@ct.gov to get started.



Check for water leaks

Have facility staff inspect for leaks using the [Fix-A-Leak Checklist](#)

10



Start an organics diversion/collection program

Implement organics collection for your breakrooms. Facilities with cafeterias should contact Mary.Sotos@ct.gov to learn more about technical assistance that's available for reducing and managing food waste.

11



Tune up recycling practices

Ensure clear bin signage on what's in/out for recycling. Where possible/over time, eliminate desk-side trash/recycling cans and centralize recycling/trash. Visit RecycleCT.com for more information.

HOW WILL WE TRACK OUR PROGRESS?

- Pick 3 actions
- Email your staff/agency on what actions you're taking and why
- Complete September 2021 survey on implementation progress, and annual SPP survey

**STARTING TO GO NET-
ZERO AT CSCU
(5 MINS)**

**KEITH EPSTEIN, CT STATE COLLEGES AND UNIVERSITIES
SUZIE HUMINSKI, SOUTHERN CT STATE UNIVERSITY**



**ENGAGING STAFF TO
RECYCLE BETTER
(5 MINS)**

SUZANNE COLLEY, CT LOTTERY CORPORATION

Connecticut Lottery Recycling Awareness Event



- **The purpose of the event was to raise recycling awareness and promote the exchange of ideas about recycle/repurpose.**
- **The entire Corporation participated in this event, which was excellent.**
- **Along with great fun, the event team provided a variety of tips, repurposing ideas, games, and prizes.**



Ready, Set, Sort (timed 1 Minute game) (earn 1-bottle cap – everyone wins, regardless of sorting ability)

Idea: sort the 'pile' of items into its proper container (Recycle, Returnable (5-cents), and trash), any "trash" items will be drawn to look trash – no actual trash is used in this game



Memory-Match (timed 1 Minute game) (earn 1-bottle cap – everyone wins, regardless of matching aptitude)

Played like any find-the-match memory game



Recycle Relay (timed until the game is finished, 6-7 minutes) (earn 1- "World" drawing slip - everyone wins regardless of placement)

Played like a relay game except this is a WALKING (*or designated walker*) Relay game (teams stand on opposite sides – place the recycled item into the correct box, walk to their teammate – tag - then the 'mate' (*or designated walker*) goes to the next item and so on...



Predictable Partners – team game (timed 10 minutes at most) – (earn 1- Save Our Planet slip)

Played like the old TV show “Newlywed Game” (*...for those too young to remember- google it...*)

Partners predict what the other will answer out of true/false, yes/no, or multiple-choice recycling questions. The questions are drawn at random from a glass (recyclable) jar. There are four (4) questions per session and, if they want to, partners can switch rolls after the 2nd question.

The game: 4 teams of 2 (8 participants at once) play each session. Winners of each (4-question) session earns 1-gift card.

The partner with the cards and marker, writes their response (to a countdown of 5,4,3,2,1!)

Note: an accurate response does not matter, just the match.

After the ‘card’ is held flat as not to see the response, the ‘other’ partner verbally states their choice (hoping to match).

Lift the card - - either wild applause or chuckles ensue!

If the ‘prediction’ is a match, the team earns a match point . . . at the end, the team with the most match points wins. In case of a tie – each team wins.

**MEETING SUSTAINABILITY
GOALS IN A NEW OFFICE
SPACE
(5 MINS)**

ERIC SHRAGO, CT GREEN BANK



New CGB Office



Sustainability Points

- Ongoing partnership with building owner and manager
- Integrated into community
- Lighting buildout/retrofit
- Low flow fixtures
- Sealing and insulation
- HVAC – ductless mini-split
- EV Charger
- Upcoming Projects:
 - Continued Air Sealing and HVAC Retrofits
 - Solar
 - Expanded EV Charging





 CONNECTICUT
GREEN BANK

NO PARKING





**GREENERGOV CT
AWARDS CEREMONY
(5 MINS)**

EILEEN MCMURRER, OFFICE OF EARLY CHILDHOOD EDUCATION

Nomination Categories

AGENCY CHANGE MAKER

Recognizes individuals striving to transform their state agency to generate significant and measurable improvements in environmental, energy, and water conservation, or waste management benefits.
Eligible winners: up to two individual State Entity employees.

MOST IMPACTFUL PROJECT

Recognizes state projects that generated significant and measurable improvements in environmental, energy, and water conservation, or waste management benefits.
Eligible winners: up to four state entity individuals or groups responsible for implementing projects.

INNOVATION AWARD

Special distinction recognizing exceptional public sector sustainability innovation.

Eligible winners: up to two individual employees of a state entity.,

Eligibility and Selection

WHO IS ELIGIBLE?

Eligible State Entities include state agencies, authorities, public colleges and universities, and/or their individual departments or facilities.

Eligibility is specified under each of the four nomination categories described below.

HOW TO MAKE A NOMINATION

Applying for a GreenerGov CT Award will be simple with our online survey. Anybody is welcome to nominate an eligible applicant.

SELECTION PROCESS

Nominations will be reviewed by the GreenerGov Award Selection Committee and winners will be notified of award receipt 2 weeks prior to the virtual Awards Ceremony scheduled for Fall 2021.

Next Steps for Agencies

- Commit to low/no cost sustainable office actions
 - Let us know how it goes and where we can help!
- Fill out recognition survey



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