

Climate Action at UConn

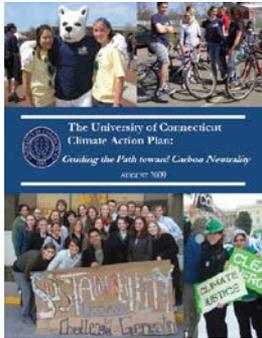
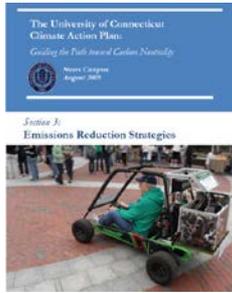
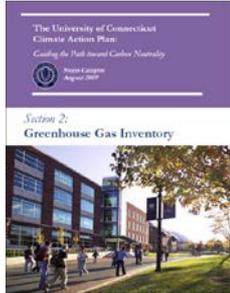


Office of Sustainability, Institute of the Environment
Rich Miller

January 24, 2020

UConn

UConn's Climate Action Commitment Adopted 2008 – Reaffirmed 2012



2010: UConn's 1st Climate Action Plan
(Updated in 2012 and 2015)



March 26, 2012 - President Herbst
Reaffirms UConn's Climate Commitment

WE ARE STILL IN

June 2017: UConn Joins WASI
Coalition Upholding Paris Agreement



March 2008: President Hogan signs
ACUPCC while DEP Commissioner
Gina McCarthy looks on



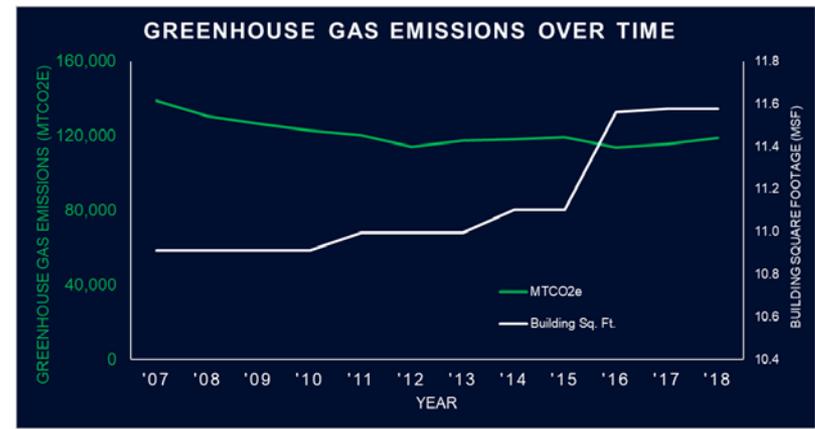
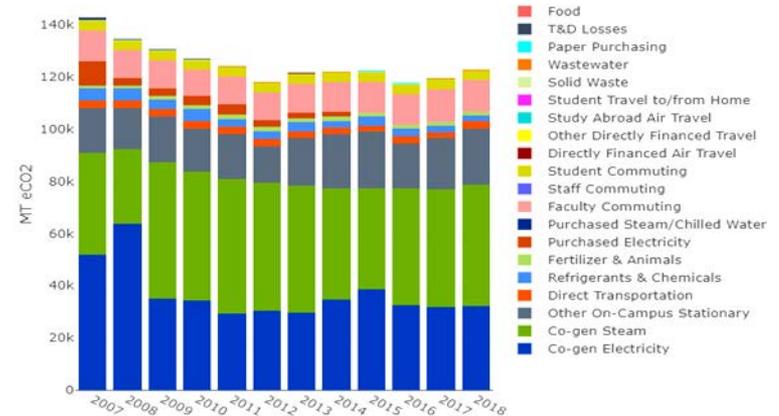
2019 Climate Strike & President's Response

- UConn has made “great progress” but not enough to meet our goals
- Climate Change:
 - “More than an emergency”
 - “Global crisis worsening by the day”
- Accelerate emissions reductions - 45% by 2030
- Dedicate Board TAFS Committee to CC
- Form Sustainability Workgroup
 - Analysis, Policy, Strategic Planning → 2020 Report
 - Update Sustainability Framework to 2015 Campus Master Plan



Carbon Reductions Under Climate Action Plan

- Steam System Pipe and Infrastructure Replacement
- LED/Lighting Retrofits
- eCO2 Credits
 - Ag Composting
 - UConn Forest (Sequestration)
- Energy Efficiency
 - Occupancy Sensor HVAC
 - Heat Recovery
 - Insulation
 - Retro-Commissioning
 - LEED Gold Construction Policy



Accelerating Carbon Reductions: Renewable Energy & Clean Transportation

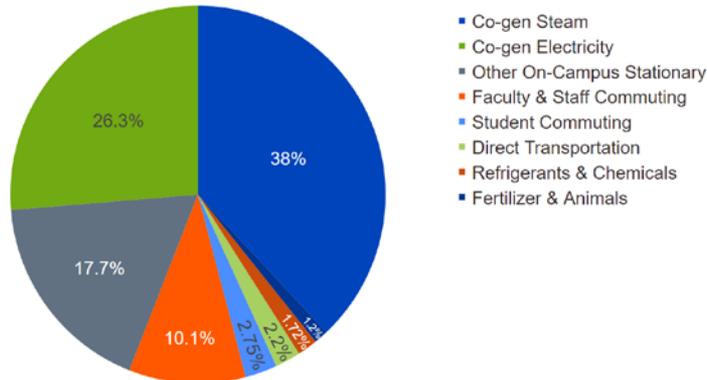
Increased % of electric and hybrid vehicles in UConn's bus and light duty fleet



Since 2015, all UConn purchased power is 100% renewable (offset by RECs)



2018 GHG Emissions by Source



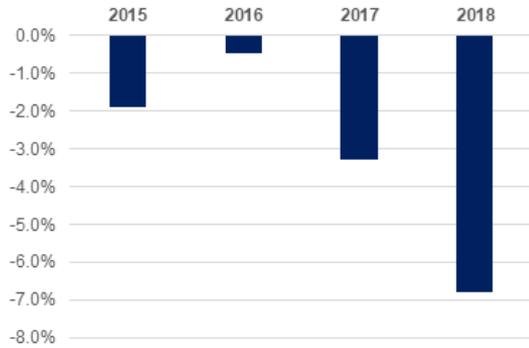
Bicycle/Active Transportation Subcommittee Working for a More Bike-Friendly Campus

500 kW Solar Array Proposed for Science 1 Building → 2022

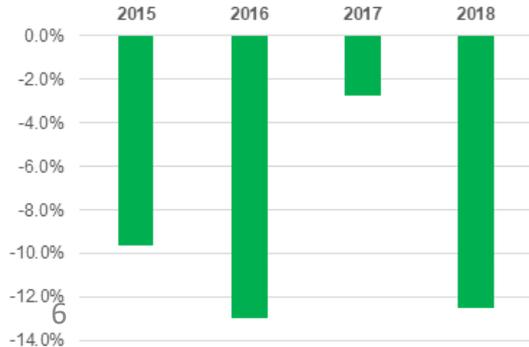


EcoMadness – Student Engagement

EcoMadness Water Reduction



EcoMadness Electricity Reduction



A celebratory graphic with a blue background. At the top is a gold trophy and a red ribbon. Below it, the text reads 'Congratulations to our Winners!'. The graphic is divided into three columns, each representing a category and its winner:

Category	Reduction/Compliance	Winner
Energy	-22% REDUCTION	GOODYEAR
Water	-39% REDUCTION	BUCKLEY
Recycling	90% COMPLIANCE	HICKS



Green Offices – Faculty & Staff Engagement

- **93 Certified Green Offices**

- 2020 goal: 100 certified offices
- 26 possible energy conservation points, including:
 - No screen savers
 - Sleep mode for electronics
 - Centralized coffee & tea makers, fridge, microwave for multiple users
 - Smart power strips for “phantom load”
 - Minimal use of space heaters
 - Lights off in empty rooms and maximum use of natural daylight
 - LED task lighting
 - No blocking radiators & HVAC vents
 - Blinds closed at night

