

2020 VISION FOR CAMPUS SUSTAINABILITY & CLIMATE LEADERSHIP

CATEGORY	GOAL	METRIC
Energy & Buildings	Reduce UConn’s carbon footprint by meeting campus energy demands with increased <u>renewable and clean energy</u> , such as solar, geothermal, fuel cells and wind power.	<ol style="list-style-type: none"> 1. Increase the percentage of purchased power system-wide that consists of renewable energy from 40% (2016 baseline) to 100% by 2020 2. Achieve a renewable/clean energy capacity of >2 MW from distributed generation sources installed and operating by 2020
	Design, construct and renovate <u>greener buildings</u> on campus that operate more efficiently, use less energy and water, and have reduced impacts on the environment	<ol style="list-style-type: none"> 1. Against a 2015 baseline, achieve a 20% reduction in average Energy Use Intensity (EUI) in campus buildings with (i) electrical, steam and chilled water service from the Central Utility Plant (from 234 to 187 KBtu/SF/yr) and (ii) electrical and steam only from the CUP (from 184 to 147 KBtu/SF/yr) 2. Complete ESCO Phase II by 2020. ESCO Phase II incorporates replacing 5,000 linear ft. of steam system and ECMs. At 24 buildings. 3. Campus-wide interior and exterior retrofit to LED lighting by 2020
Waste Reduction & Diversion	<u>Increase recycling, waste diversion and waste minimization</u> through outreach, training and improved operational practices across multiple solid waste streams	<ol style="list-style-type: none"> 1. Increase the waste diversion rate from 47% (2015 baseline) to 60% 2. Minimize waste to achieve a 33% reduction in total waste generated per person, per year vs. the 2005 baseline (from 360 lbs. to 240 lbs. pp/yr)
Outreach & Engagement	Engage faculty, staff and students to <u>promote climate leadership</u>	<ol style="list-style-type: none"> 1. Formalize UConn@COP as a co-curricular, experiential learning and leadership development program for high achieving students to participate in the UN’s annual International Climate Summit 2. Increase the number of campus administrative and academic offices certified under the Green Office Certification Program from 33 (2016 baseline) to 100

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Water Resources	<p><u>Protect water quality</u> in rivers, streams, lakes and ponds by replacing storm drains and pipes with green stormwater features.</p>	<ol style="list-style-type: none"> 1. Use LID to increase the square footage of impervious cover disconnected from campus storm drains – from 175,000 SF (2015 baseline) to 250,000 SF in the Eagleville Brook watershed, and an additional 75,000 SF in the Roberts Brook (Fenton) watershed.
	<p><u>Conserve water</u> by installing more low-flow fixtures, and by using reclaimed water vs. drinking water whenever possible</p>	<ol style="list-style-type: none"> 1. Maximize efficiency of the RWF to achieve >300,000 GPD savings of potable water use during peak demand periods 2. 30% (.45 MGD) reduction in avg. daily potable water use vs. 2005 baseline (1.49 MGD avg. daily demand)
Food & Dining	<p>Continue to be a leader among colleges and universities in <u>sustainable dining practices</u>.</p>	<ol style="list-style-type: none"> 1. Increase the percentage of locally-grown or community-based food from 35% (2015) to 40% 2. Obtain Green Restaurant Certification for all 8 dining halls at the main campus 3. Recycle/Reuse 100% of food waste
Grounds, Open Space & Conservation Areas	<p>Create more <u>naturally-landscaped open spaces</u>, to increase biodiversity, maintain UConn’s Tree Campus USA designation and enhance the campus arboretum</p>	<ol style="list-style-type: none"> 1. Expand the Hillside Environmental Education Park (HEEP) on the North Campus from 64 to 165 acres by 2020, including recreational trails, managed invasive species and educational signage about the area’s natural resources and history 2. Use the Sustainable Sites Initiative, either independently or in conjunction with LEED, on capital projects to develop landscapes in as beneficial and measurable ways as buildings. 3. Preserve or augment natural systems and resources while increasing passive and active open space. <ul style="list-style-type: none"> • Begin to implement components of the woodland corridor vision for both north and south campuses. • Create and cultivate 35-acre farm parcel at Spring Manor Farm.
Purchasing	<p>Promote purchasing of more <u>environmentally and socially preferable products</u></p>	<ol style="list-style-type: none"> 1. Increase UConn’s share of EPEAT Gold-rated electronic purchases from 23.5% in 2015 to 30% by 2020
Transportation	<p><u>Reduce transportation-related GHG emissions</u> with cleaner fleet vehicles and increase use of University public transit options</p>	<ol style="list-style-type: none"> 1. Increase the percentage of EV and hybrid vehicles in UConn’s light duty fleet to 25% (from the 18% baseline in 2015) 2. Increase passenger trips on University shuttle buses from 1.3 million/yr (2015) to 1.5 million/yr by 2020