

Committed to SUNY Cortland's Sustainable Future



**RED IS GREEN**

## **Facilities Management Sustainable Planning, Operations and Maintenance Plan 2018-2023 SUNY Cortland Facilities Management Office**

Updated in Fall 2018 as part of our Administrative Planning and Assessment process. Over the past two years, the Institutional Planning and Assessment Committee has established a model for campus planning, budgeting, and assessment that addresses planning at various levels and offers a structure for more intention, integrated and transparent decision-making for our campus. Below are the results of that planning and assessment process for the Facilities Management Division. See [Commitment to Community Strategic Plan](#).

**Mission Statement:**

The Facilities Management unit provides integrated, quality and cost-effective facility services in support of the College community, enabling the campus to fulfill its educational, research, and public service responsibilities.

The mission of the unit is to plan, design, construct, and maintain safe, highly functional and sustainable environment for SUNY Cortland students, faculty, staff, and guests.

**Vision:**

We are committed to continually improve our services and methods to meet the ever-changing needs of the campus and welcome your suggestions on how we might better serve the campus community. We encourage you to participate in our success.

**“We Create Momentum”**

**Values:** Stewardship, Truth / Integrity, Excellence, Respect, and Teamwork

Goal/Objective	Action	Status 2018	Status 2019	Status 2020
<p><b>Goal 1: Buildings - Maintaining the Stewardship of Facilities.</b>  <b>Objective:</b> Monitor Facilities Condition Index (FCI) and Facilities Needs Index (FNI) in order to provide thorough capital improvement plan.  Prioritize energy related projects in alignment with GOAL 2</p>	<p>Semiannual update and annual review for Planning Design and Construction.  Prioritize with Capital Plan and Energy Conservation Measures.</p>	<p>The 2016 FCI indicated Cortland is .33. This is great (third lowest in the state). 2018 status has maintained .33. Began planning for future energy related projects and potential Energy Savings Performance Contract.</p>		
<p><b>Goal 2: Energy, Waste, Air and Climate - Monitor the Energy Use and Waste Generated / Recycling</b>  <b>Objective:</b> 1. Comply with EO 88 – 20% energy reduction from 2010 baseline year by 2020  2. Maintain compliance with EO 4 and EO 18 to reduce waste and increase diversion rate by REDUCE, REUSE, and RECYCLING efforts.  3. Goal aligns directly with Commitment to Community SUNY Cortland Strategic Plan Goal 11</p>	<p><b>Energy:</b>  Bi-monthly EUI benchmarking to 2010 EPA EnergyStar Portfolio Manager data entry and reporting – Quarterly For EPA PM – alignment with 2010 baseline year by 2020.  <b>Waste Diversion:</b>  Agree on baseline year. Annually reporting – goal to quarterly reporting. Develop local commercial composting facilities with local partners.</p>	<p><b>Energy:</b>  2010 baseline EUI: 191.6 (source)  Target: 153.2  2017-2018 EUI: 173.9  <b>Waste Diversion:</b>  Continued with end of year move-out donation collection.  Fully deployed “Red is Green” campaign posters for recycling and electric hand drier signage.  Assist and Support ASC in adoption of City of Cortland Composting Facility.</p>		

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Goal 3: Transportation - Transportation Efficiency Improvement/ Improve campus fleet efficiency and provide electric vehicle infrastructure for campus community	<ol style="list-style-type: none"> <li>1. Compare overall campus shuttle fleet efficiency</li> <li>2. Conduct student commuting behavior survey</li> <li>3. Conduct faculty / Staff commuting behavior survey</li> <li>4. Purchase two mini -buses</li> <li>5. Develop EV policy</li> <li>6. Deploy EV Infrastructure</li> </ol>	<p>1. Conducted commuter behavior survey in spring 2018.</p> <p>2. Draft of EV policy has been developed. Full adoption by SUNY Cortland pending final review. 2019 to have finalized.</p> <p>3. Budget for EV infrastructure equipment</p> <p><b>Note:</b> Purchased two mini buses in 2016 and 2017</p>	<p>1. Based on budget request, minimum of two EV charging stations will be installed in 2019. Additional funding support has been requested from both National Grid and NYSERDA.</p>	
Goal 4: Enhance/Expand Campus Engagement on climate change issues through facilities	<ol style="list-style-type: none"> <li>1. Facilitate campus use of campus grounds and facilities for learning about green infrastructure, energy conservation, and waste diversion techniques</li> <li>2. Further develop campus signage of existing campus features</li> <li>3. Work to incorporate the planning of signage into planned projects for greater integration and focus of campus as learning lab</li> </ol>	<ol style="list-style-type: none"> <li>1. Accomplished signage at Bowers Bio-Swale</li> <li>2. Developed draft of signage at SLC / Lusk Fieldhouse bio-swale</li> <li>3. Conducted 4 campus tours of sustainability features: one external conference attendees, two groups of internal classes</li> <li>4. Dining Services conducted “open house” of “back of the house” for post-consumer composting collection – Neubig Hall</li> </ol>		

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<p><b>Goal 5:</b> Continue to enhance and cultivate community partnerships for building resiliency and capacity for shared sustainability</p> <p><b>Objective:</b> Maintain existing connections and partnerships to community. Enhance resiliency and disaster preparedness</p>	<ol style="list-style-type: none"> <li>1. Conduct an annual Community Roundtable event with Cortland Resiliency Coalition as invited guests as well as other campus community members.</li> <li>2. Conduct an additional Cortland Resiliency Coalition facilitation and assessment workshop annually</li> </ol>	<ol style="list-style-type: none"> <li>1. Community Roundtable on April 4, 2019</li> <li>2. Deliberative Dialogue in Fall 2018</li> <li>3. UPD Hiring Emergency Manager – establish and incorporate into Cortland Resiliency Coalition networks.</li> </ol>		
<p><b>Goal 6: Wellness - Comply with the Safety and Environmental Requirements</b></p> <p><b>Objective:</b> Improve safety on campus in order to reduce risk</p> <p>Evaluate air and water in order to sustain and improve quality</p>	<ol style="list-style-type: none"> <li>1. Monitor annual fire safety inspection for violations.</li> <li>2. Monitor injury and illnesses.</li> <li>3. Monitor Lead in potable water</li> <li>4. Monitor IAQ – specific focus – Radon, science facility, customer service coordination</li> </ol>	<ol style="list-style-type: none"> <li>1. Tested 40 of 45 drinking fountains.</li> <li>2. Implemented corrective actions</li> <li>3. Conducted Bowers IAQ review</li> <li>4. On-going Sperry IAQ review</li> </ol>		
<p><b>Goal 7: Water Use</b></p> <p><b>Objective:</b> Identify water inefficiencies and address behavior based and educational based opportunities to reduce water consumption</p>	<ol style="list-style-type: none"> <li>1. Maintain campus standards for low flow and “EPA WaterSense” fixtures. Address deficiencies.</li> <li>2. Establish benchmark for overall campus water use using EPA EnergyStar Portfolio Manager</li> </ol>	<ol style="list-style-type: none"> <li>1. Audit of Residential Facilities Completed. Corrective action planned and scheduled for Summer 2019.</li> <li>2. Design Standards aligned with the “EPA WaterSense” guidance documents for interior plumbing fixtures</li> </ol>		

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Goal 7: Water Use (continued)	3. In coordination with Sustainability Office AND Residential Life and Housing, develop water educational kit for Green Reps.	3. Started data entry process / procedures for EnergyStar Portfolio Manager		
Goal 8: Grounds – Protect Natural Systems Objective: Work to develop all spaces, inside and <u>out</u> as learning spaces. Campus as learning laboratory.	1. Develop Model Garden 2. Enhance habitat for pollinators – BeeCampus USA 3. Engage Community and Campus in Tree Assessment – TreeCampusUSA 4. Continue to foster and engage learning opportunities in biological and ecological assessment of campus properties.	1. Maintained both BeeCampus and TreeCampus status. 2. Model Gardens established in 2014 – on going.		
Goal 9: Stormwater Management – Establish a comprehensive stormwater management plan	1. In all major capital projects and site development projects – identify opportunities for stormwater mitigation and best management practices	1. Key projects identified: Park Center Parking Lot reconstruction 2. Completed assessment of Raquette Lake and Brauer Field Station Sites – develop implementation plan		

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Goal 10: Food and Beverage – Facilities Management will continue to support ASC Cortland in planning and administering a more comprehensive plan for sustainable dining services and operations	1. Support a commitment to engagement through Green Rep support and engagement with students on Climate / Food Impacts 2. Encourage energy efficient equipment upgrades	1. Energy Related - Completed renovation of Corey Union Food Service Facility – upgraded equipment 2. Energy Related - ASC Installed campus-wide refrigeration monitoring system – beginning to coordinate load and load shed capabilities in 2019		
Goal 11: Purchasing – Comply with Executive Order 4 and Executive Order 18  Objective: identify areas of weakness and work to engage broader campus community in green purchasing decisions and enhance understanding of impact	1. Review past data of Executive Order (EO) 4 and EO 18 reporting. 2. Identify trends and opportunities	1. Expanded EO 4 and EO 18 reporting committee. 2. Conducted kick-off meeting for engagement and assessment	Action items: 1. Complete data assessment 2. Follow up on weakness and establish both near and long term goals.	