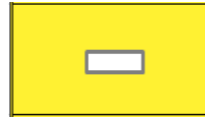

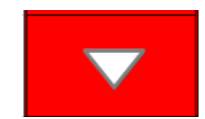





Operational Resource Stewardship Scorecard
9/15/23

Ohio State Sustainability Goal	Metric Definition	Baseline	FY23 Performance			Long-Term	Highlights
		FY15 Actual (Baseline)	FY22 Actual	FY23 Actual	FY23 Target	FY24 Target	
7a. Achieve Carbon Neutrality by 2050 per Presidents' Climate Leadership Commitment	Metric Tons of Carbon Dioxide Equivalent Per Year (MTeCO2/Yr)	615,051	428,392	426,854 	419,000	412,000	FY50 = 0 MTeCO2/Yr Highlights: 31% decrease in emissions from 2015 baseline. Most significant factor being decrease in purchased electricity and greening of the grid. Would have reached goal if AEP REC did not lapse. Next Actions: Strategic Infrastructure Optimization Plan; publish life cycle cost analysis requirements in Building Design Standards; explore feasibility of regional campus energy reduction programs.
7b. Increase the Energy Efficiency of the University by 25% per Building Sq. Ft. by 2025	Energy Use Intensity = 1000 British Thermal Units/Conditioned Gross Square Foot /Year (kBTU/GSF/Yr)	203.29	179.20	177.50 	170.30	168.60	FY25 = 152.5 kBTU/GSF/Yr Highlights: FY23 university growth of over 984,262 GSF including 6 new facilities; new Building Design Standards; continued savings from transition to LED lights at WMC and Student Life facilities. Next Actions: ECM program continuation with Ohio State Energy Partners; return building ventilation and setbacks to pre-pandemic levels; explore feasibility of solar energy; regional campus energy efficiency.
7c. Reduce Potable Water Consumption by 10% Per Capita Every 5 Years- reset every 5 years	Calculated as Gallons Per Weighted Campus User. Baseline is average of FY18, 19, and 20 (Gal/WCU)	16,658 (3-yr avg.)	14,084	15,995 	15,392	15,943	FY25 = 14,992 Gal/WCU Highlights: 257 million gallon decrease from FY15 (1,419 million gal.) to FY23 (1,162 million gal.) Campus occupancy return to pre-pandemic levels and winter weather event contributed to increased usage. Next Action: Explore feasibility of Water Reclamation Facility; conduct building-level water audits & leak detection surveys.
7d. Increase Ecosystem Services Index Score to 85% by 2025 (Metric for Columbus Campus only)	Ecosystem Services Improvement (ESI) Index- Based on metrics for 11 individual Ecosystem Initiatives equated to a 0-100% scale	28.7%	30.7%	31.5% 	31.7%	32.5%	FY25 = 85% ESI Index Score Highlights: Greenspace enhancements at Graves Hall, Earth Day Park, Necko Community Garden, and Wexner Center for the Arts Plaza. Next Actions: Framework 3.0; complete new tree inventory; prairie/wildflower pilot project to enhance existing urban meadow sites.
7e. Reduce Carbon Footprint of University Fleet Per Thousand Miles Traveled by 25% by 2025	Metric Tons of Carbon Dioxide Per Year / Thousand Miles Traveled Per Year Baseline year is FY16 (MTCO2/Yr/1,000 Miles)	1,279 (FY16)	1,557	1,403 	1,377	1,280	FY25 = 1,023 MTCO2/Yr Highlights: Installed 5 EV charging ports; 18.3% of fleet (171/930) is powered by CNG, electric, or hybrid electric; \$2.25 million lifetime university fuel cost savings. Next Action: Electric charging infrastructure; alternative fuel/electric vehicle adoption; fuel efficiency standards.
7f. Achieve Zero Waste by 2025 by Diverting 90% of Waste Away from Landfills	Percentage of Materials Diverted from the Landfill (Diversion Rate)	29.2%	40.0%	41.2% 	45.0%	45.0%	FY25 = 90.0% Diversion Rate Highlights: Organics expansion; FY23 waste characterization study; and launched pilot reusable dining container program. Next Action: Expand compost program; improve bulk waste procedures; optimize efficiency for frontline staff; and integrate zero waste principles into FOD organizational structure.




OHIO STATE SUSTAINABILITY GOALS:

Teaching and Learning- Sustainability Curriculum through a Variety of Formats and Strategies

Research and Innovation- Sustainability Scholarship, Increase Reputation as a Sustainability Research Leader

Outreach and Engagement- Long-Term Partnerships that Encourage Sustainability-Oriented Practices and Economic, Social and Environmental Welfare

Resource Stewardship- Implement Sustainable World-Leading Operational Goals

	= Exceeds Target		= Some Progress		= No Progress
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