Temple University
Office of Sustainability

2025 SUSTAINABILITY ACTION PLAN

Foundation for Tomorrow

Planning for a sustainable future

We are pleased to share Temple University's 2025 Sustainability Action Plan. Fifteen years after our first plan was released, the 2025 plan strengthens the foundations we have built and reaffirms our vital responsibility to help shape a brighter and more resilient future for Temple and the global community we serve.

Since its founding, Temple has been an ambitious and diverse academic community leading innovation and striving to make the possible real. The 2025 Sustainability Action Plan sets us on a path to fulfill not only our climate commitment of carbon neutrality by 2025, but our mission of building connected and healthy communities and forging groundbreaking discoveries for the future of the world.

The plan's strategic framework was crafted to address the shifting challenges of our era and accelerate our long-term commitment to impactful civic and community engagement. It works in concert with existing strategic plans and will complement a comprehensive emission reduction planning effort that began in the summer of this year.

We are especially proud that this plan represents the contributions of dozens of stakeholders and deep collaboration across disciplines, departments and institutional levels. The milestones set forth are comprehensive and holistic and will require creative solutions and transformative practices in university operations, governance, academics and student life.

The 2025 Sustainability Action Plan defines our community's commitments and channels our collective strengths toward meaningful climate and sustainability action over the next five years. We invite every member of our community to engage deeply in this plan and to join us as we advance our goals with determination, urgency and ingenuity.

David Marino
Interim Chief Operating Officer

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Our journey

Since its founding in 1884, Temple University has been dedicated to fostering a campus life that connects individuals, ideas and resources to shape a brighter and more promising future for the broader community.

2008

In 2008, Temple took a decisive step in addressing climate change by pledging carbon neutrality by 2050 and establishing the Office of Sustainability. This office, alongside a coalition of campus stakeholders, has worked to ensure a sustainable and resilient future for Temple, holding itself accountable to students, faculty, staff, neighbors, the Philadelphia region and the global community.

2010

Temple adopted its first Climate Action Plan. The plan provided concrete steps to achieve the university's climate commitment, including interim greenhouse gas reduction targets, demand-based reduction strategies, such as energy conservation and alternative transportation initiatives and supply-based recommendations such as switching fuel sources.

The plan also identified recommendations on integrating sustainability into the curriculum and research efforts of the university and described the role that Temple should play in creating awareness on campus and within the surrounding community.

2016

The university reaffirmed its climate commitment, signing Second Nature's Climate Leadership Statement.

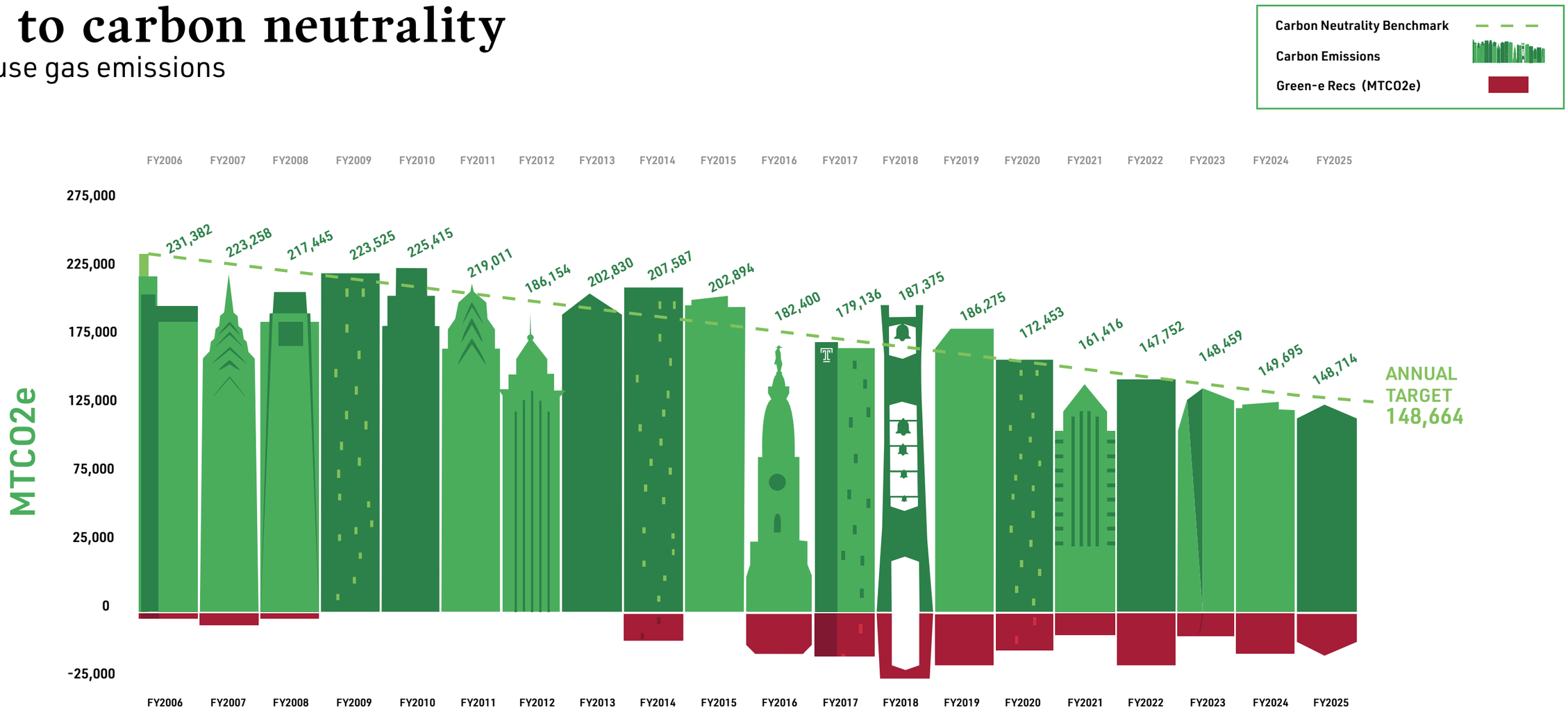
2019

The 2019 Climate Action Plan is published as an update to the university's adopted 2010 plan, reiterating Temple's 2050 carbon neutrality goal and expanding Temple's work to include resilience, Temple's ability to persevere through climate-related shifts and plan for, adapt and thrive considering those changes. It sets forth measurable goals with defined timeframes, universitywide standards and guiding principles for action.

2025 SUSTAINABILITY ACTION PLAN

Road to carbon neutrality

Greenhouse gas emissions



Since 2010, the university has tracked and reported progress towards carbon neutrality. As is customary with our peers, Temple established a carbon emissions baseline year of 2006 and reports all Scope 1 and 2 emissions defined in the Greenhouse Gas Protocol. Temple also reports Scope 3 emissions from commuting, university-financed travel, waste disposal, FERA and transmission and distribution losses.

Temple's emissions data is reported annually and is made publicly available via the Office of Sustainability's website and annual sustainability reports. Annual emission targets have been established through 2050 and are met through a combination of proactive measures including energy efficiency, renewable energy and carbon offset investments. While the university has voluntarily committed to purchasing renewable energy credits and carbon offsets to meet annual carbon emission goals, it prioritizes investment in energy efficiency first, identifying opportunities through careful analysis and data-driven decision-making strategies.

Since 2006, Temple has reduced gross emissions by 35% even while increasing the physical space of the university by more than 35%. To build up past successes and ensure that we meet future goals, we must continue to invest in new carbon reducing technology; source renewable energy; and shift the culture of Temple students, faculty and staff to become climate leaders.

Framework

The 2025 Sustainability Action Plan represents a holistic approach to climate action.

This structure acknowledges the interconnectedness of stewarding a viable natural environment, systems of human and ecological health and well-being, and racial equity and economic and social justice.

Thinking globally

Taking cues from higher education leaders, the newest iteration of the action plan promotes and champions a more comprehensive, global conception of sustainability grounded in the 17 U.N. sustainable development goals (SDGs).

The SDGs represent an international urgent call to action that recognizes ending poverty and other deprivations must go hand-in-hand with strategies to improve health and education, reduce inequities, and spur economic growth—all while tackling climate change.

Measuring Progress

Measurement and evaluation have been critical elements of Temple's Climate Action Plan implementation. To that end, the university completes an annual greenhouse gas emissions inventory to track Temple's reduction progress.

The methodology for measuring both baseline performance and progress towards achieving institutional milestones is derived from the Association for Advancement of Sustainability in Higher Education (AASHE) Sustainability Tracking and Assessment Rating System (STARS). AASHE's STARS is a transparent, self-reporting framework utilized by hundreds of colleges and universities to measure and communicate their sustainability performance.

The Office of Sustainability leads Temple's universitywide assessment of its holistic sustainability efforts evaluated on its progress in advancing sustainability in academics and research, engagement, operations, and planning and administration.

The baseline data for the 2025 plan has been largely established by the 2023 STARS report. The 2025 Sustainability Action Plan mimics AASHE's framework, its indices inform the structure and scope, and the alignment enables standardized metrics to measure progress towards Temple's key milestones against peer institutions.

In December 2023, Temple earned its first-ever Gold STARS rating.

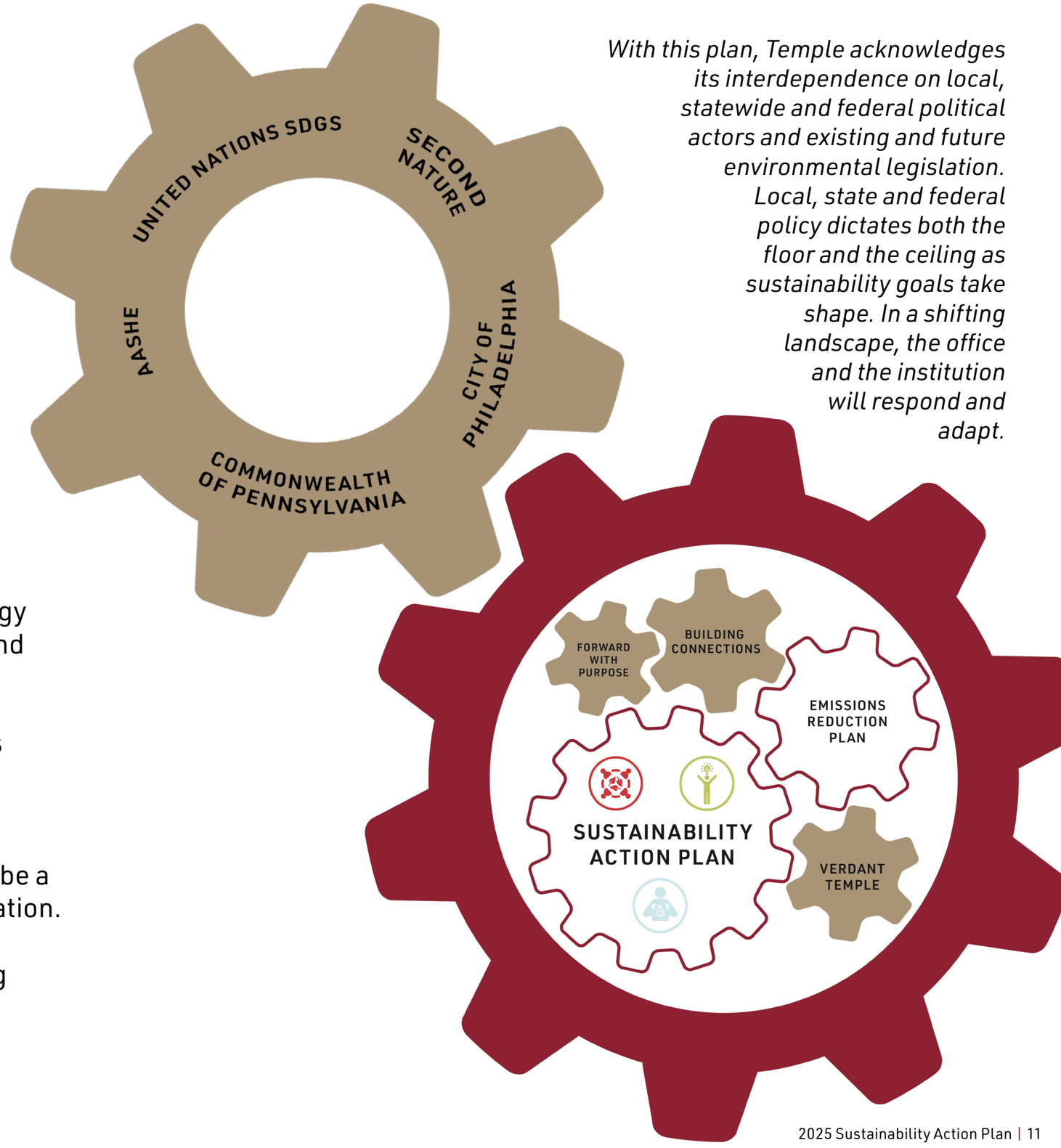
Strategic alignment & regional transformation

The development of this document synched with the ongoing formulation and execution of the universitywide Flying Further strategic plan, strengthening its connection to existing initiatives and stakeholders across the university.

The 2025 Sustainability Action Plan works in concert with all high-level strategic plans concerning sustainability in campus development and operations including Verdant Temple, the master landscaping plan, and the Emissions Reduction Plan, a more technical document and guiding strategy for emissions reduction via sustainable energy procurement and efficiency investments in the physical plant.

Internal strategy aligns and works together in the same way as partnerships with external parties, both government and non-government organizations.

Temple University is an anchor institution with the potential to be a powerful accelerator of climate action and regional transformation. Cross-sector collaborations grow coalitions and deliver community-focused, hyperlocal solutions to the most pressing sustainability challenges.



With this plan, Temple acknowledges its interdependence on local, statewide and federal political actors and existing and future environmental legislation. Local, state and federal policy dictates both the floor and the ceiling as sustainability goals take shape. In a shifting landscape, the office and the institution will respond and adapt.

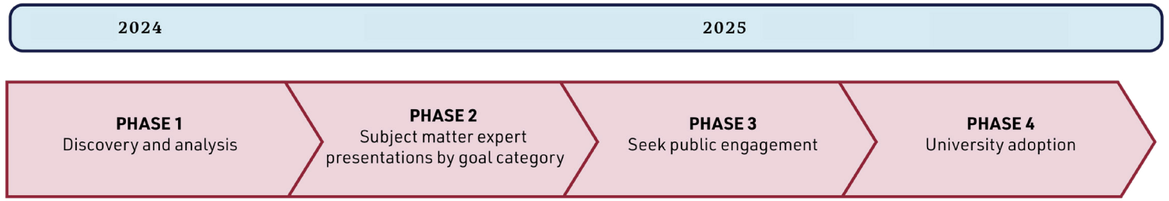
Process & engagement

The planning and development process for this Sustainability Action Plan began in 2024, led by the Office of Sustainability through an initial discovery and analysis phase, researching best practices and peer institutions' approaches to sustainability planning. Throughout the year, the office engaged an extensive network of subject matter experts for focus-area presentations and consultations to inform the plan's structure and content.

Stakeholders consulted throughout this process represent nearly every division across the university. Each provided valuable insight on reasonable benchmarks, integration of existing initiatives and opportunities for collaboration. A full roster of contributors, organized by unit and corresponding milestone, is included in this document.

Over the course of 2025, the planning process transitioned into a broad engagement phase—hosting presentations, discussions and "roadshow" sessions to gather public input and stakeholder feedback. To ensure robust participation, a comprehensive public engagement campaign was carried out over three semesters, consisting of 10 sessions across 6 campus locations. These included tabling events, targeted workshops and town halls tailored to specific audiences such as student government, faculty and staff groups.

Engagement timeline



A partnership with the Office of Institutional Research and Assessment enabled the launch of a universitywide Earth Month poll to assess preferences and priorities for sustainability investments and programming. The survey gathered input from students, faculty and staff on infrastructural needs, academic integration, student programming and professional development opportunities related to sustainability.

Findings from these engagements provided both quantitative and cultural insights, establishing critical benchmarks that guided the refinement and prioritization of strategic initiatives and discreet milestones. This process led to the identification of three central areas of focus, aligned with an environmental, social and governance framework.

These pillars form the foundation of the Sustainability Action Plan and the accompanying goal categories reflect the collective input, research and collaboration that have shaped its development.

CONSERVATION AND STEWARDSHIP

- Energy, emissions and design
- Transportation
- Water systems
- Waste minimization and recycling

ENGAGEMENT AND COMMUNITY

- Food systems
- Health and wellness
- Local partnerships
- Outreach and awareness

DISCOVERY AND GOVERNANCE

- Governance and workplace culture
- Access and impact
- Research
- Teaching and learning

Conservation & stewardship

Vision: Temple will set a positive example of forward-thinking environmental stewardship focused on responsible and efficient resource management related to campus operations.

- Energy, emissions and design
- Waste minimalization and recycling
- Water systems
- Transportation

Energy, emissions & design

Accelerate decarbonization efforts through energy efficient investments in existing buildings, by exceeding minimum requirements of LEED in new construction and major renovation projects, and by increasing investments in renewable energy

Milestones

1.1 Total energy use in 2030 should not exceed the energy use in 2006.

1.2 New construction projects will budget for structural improvements to enable rooftop solar installation and include the evaluation of on-site renewable energy potential in the project scope.

1.3 New construction projects will model and budget for energy efficiency 10%–25% above LEED ASHRAE standards.

Waste minimalization & recycling

Reduce negative environmental impact of waste disposal by creating opportunities for reuse, maintaining construction and demolition recycling efforts for all capital projects, and ensuring the best and most beneficial management of food waste possible

Milestones

1.4 Reduce the average annual pounds of waste per student by 55% from a 2018 baseline and reach a minimum diversion rate of 65% from campus operations by 2030.

1.5 Reach a minimum diversion rate of 80% for all campus development projects.

1.6 Divert 90% of food waste from Aramark food service operations, both retail and residential dining, from the landfill.

Water systems

Lead regional climate resiliency and adaptation efforts to increase green stormwater management infrastructure on Temple's campuses, and continue the prioritization of water conservation efforts through policy and water efficient equipment

Milestones

1.7 Measure and track wastewater generated in heating and cooling operations and identify ways to reduce costs and water waste.

1.8 Reduce total water use per student by 30% by 2030 from a 2016 baseline.

1.9 Continue investing in green stormwater infrastructure and tree plantings on Main and Health Sciences Center campuses and, when feasible, exceed mandatory requirements.

Transportation

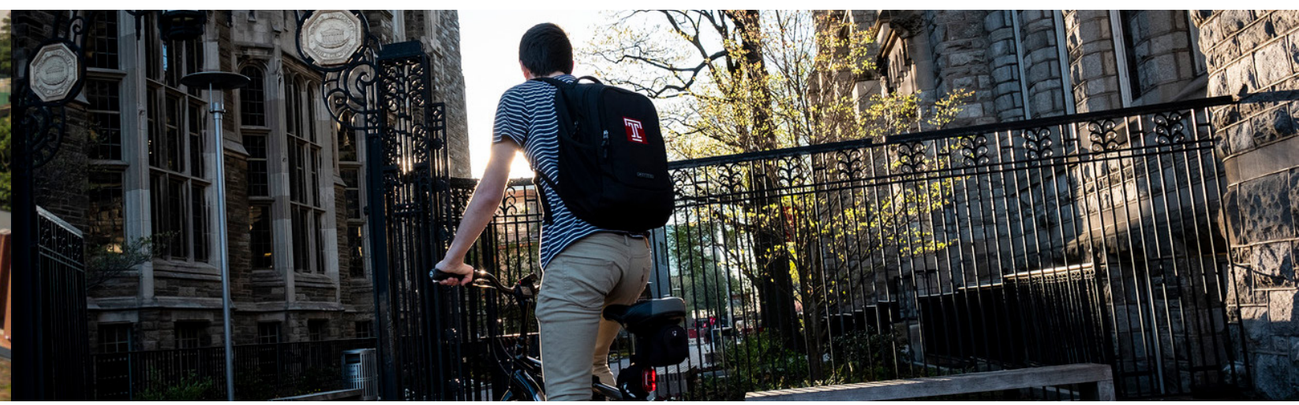
Continue to mitigate emissions associated with transportation through programs that encourage students, faculty and staff to commute by low-carbon modes, and through our commitment to maintaining a sustainable and low-carbon vehicle fleet

Milestones

1.10 Increase the percentage of commuters who utilize a sustainable form of transportation to campus to 75% by 2030.

1.11 Reduce fleet-based emissions from 2006 baseline by 20% by 2030.

1.12 Increase the percentage the university's fleet that is alternatively fueled to 50% by 2030.



Engagement & community

Vision: Temple will foster a community around climate action and environmental justice, bringing together students, staff, faculty and neighbors to create a more sustainable and equitable campus and city.

- Food systems
- Health and wellness
- Local partnerships
- Outreach and awareness

Food systems

Expand the impact of the Barnett Irvine Cherry Pantry and further address campus food insecurity; work with Temple Culinary Services to increase local, sustainable and low-carbon food purchases; and raise awareness of the links between food systems and climate change through education and programs

Milestones

2.1 Expand volunteer participation by 15% by 2030 from a 2024 baseline for key direct service opportunities that directly benefit the Barnett Irvine Cherry Pantry.

2.2 Implement four joint educational initiatives per year focused on the relationships between food systems, climate change, and environmental justice.

2.3 Track and report the percentage of Aramark food purchases that meet the AASHE definition of locally sourced, sustainably certified and low carbon through 2030.

Health & wellness

Grow environmental wellness programming and initiatives in alignment with a universitywide strategy, advocate for access to green space and healthier campus buildings and landscapes, and develop resources to incorporate environmental wellness activities into daily campus life

Milestones

2.4 Create an interactive map of calm spaces on campus and accompanying activities for student, staff and faculty engagement.

2.5 Facilitate six collaborative environmental wellness activities with key partners per academic year.

2.6 Advocate for policies and programs to increase access to green space and develop healthier campus buildings and landscapes that prioritize occupant health.

Local partnerships

Through collaboration with Temple's Community Gateway, develop opportunities for staff members to address local urban sustainability challenges through direct service and long-term, reciprocal partnership, and work to strengthen the institution's connection with higher ed peers in the region

Milestones

2.7 Establish a universitywide employee community service program.

2.8 Pilot a framework for universal community partnership guidelines and joint evaluation processes together with Community Gateway.

2.9 Strengthen connection with peer higher education institutions to facilitate collaborative solutions, best practice sharing, mentorship and a community of practice.

Outreach & awareness

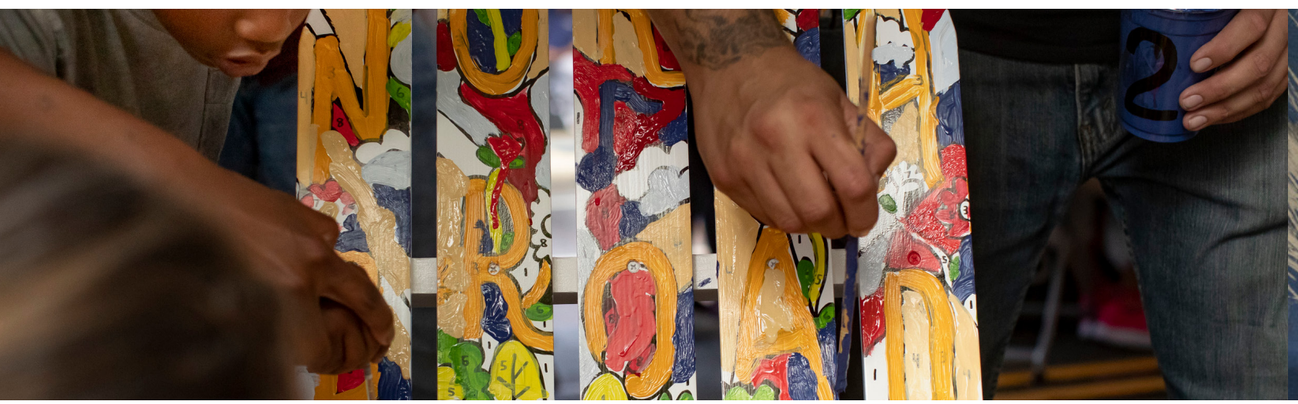
Implement online dashboard to report progress towards goals and on sustainability programs, initiatives and features, ensure majority of programming is peer-led by EcoReps, and integrate sustainability-focused learning objectives into Student Leadership and Engagement curricula

Milestones

2.10 Implement online, public-facing dashboard to report on progress to sustainability goals and the institution's sustainability initiatives, features and performance.

2.11 Maintain a minimum baseline of 60% of all programming as peer-led.

2.12 Develop sustainability-focused strategies that align with the Division of Student Affairs curriculum and learning outcomes.



Discovery & governance

Vision: Temple will develop solutions for a just and sustainable climate future through a commitment to academics, research, innovation and sound governance.

- Governance and workplace culture
- Access and impact
- Research
- Teaching and learning

Governance & workplace culture

Launch sustainability-focused learning and development offerings, grow the Green Revolving Fund, and support the creation of a holistic framework to measure and improve the employee experience and drive engagement

Milestones

3.1 Launch a minimum of three sustainability-focused learning and development offerings on the university's learning management system by 2030.

3.2 Grow the Green Revolving Fund by $500,000 annually ,excluding money recovered from energy savings, through 2030.

3.3 Administer institutional climate survey at least twice by 2030.

Access & impact

Produce environmental leadership and civic-engagement programs, coordinate and assess sustainability-themed student support programs such as Temple Thrift, graduation gown recycling and rental, and surplus bicycle sales, and measure the impact of strategic initiatives dedicated to the success of low-income and first-generation college students

Milestones

3.4 Produce one civically engaged environmental leadership event in collaboration with key partners per semester through 2030.

3.5 Maintain and assess sustainability-themed support programs for low-income students such as Temple Thrift, graduation gown recycling and rental, and surplus bicycle sales.

3.6 Gather and report data on comparative student completion rates for low-income and first-generation students.

Research

Promote thought leadership and knowledge creation that addresses the most complex and compelling global challenges, incentivize and amplify student scholarship and develop programs and initiatives to grow the institution's community-engaged and interdisciplinary sustainability research agenda

Milestones

2.7 Develop incentive program for students to conduct sustainability research by 2030.

2.8 Build and maintain an online hub to promote and coordinate all sustainability research centers, institutes and units by 2030.

2.9 Collaborate with sustainability research centers and individual researchers and practitioners to host semesterly events to convene sustainability researchers and promote transdisciplinary research initiatives.

Teaching & learning

Deliver future-oriented, cross-disciplinary curricula and degree programs with sustainability-focused learning outcomes, provide faculty resources for sustainability curricula development, including publication of teaching and learning materials in the institutional repository, TUScholarShare

Milestones

2.10 Increase the number of academic degree programs with sustainability-focused learning requirements awarded by 100% from the 2023 baseline by 2030.

2.11 Publish teaching and learning materials from 50% of schools and colleges on TUScholarShare by 2030.

2.12 Establish a permanent sustainability-focused curricular development workshop, training and incentive program for faculty by 2030.

Appendix

Greenhouse gas emissions

	Emissions Source	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	%Change FY06 to FY25
Scope 1 Emissions (MT CO2E)	Stationary (oil, natural gas, propane)	57,185	55,543	47,012	62,000	57,005	52,457	47,684	55,570	54,984	57,777	52,532	49,305	55,623	54,761	51,759	55,073	52,525	50,749	51,131	61,497	8%
	Mobile (University fleet)	773	792	763	885	847	895	856	923	888	845	835	838	988	877	702	622	715	725	678	627	(19%)
	Refrigerants & Chemicals	2,058	1,702	1,682	2,301	2,295	2,288	2,284	2,283	2,283	2,294	114	150	123	763	432	1,205	95	82	120	125	(94%)
	Fertilizer	9	7	7	4	2	4	3	4	3	2	2	2	2	2	3	2	3	2	2	2	(77%)
	Total Gross Emissions Scope 1	**60,025**	**58,044**	**49,465**	**65,189**	**60,148**	**55,644**	**50,827**	**58,780**	**58,158**	**60,918**	**53,483**	**50,295**	**56,737**	**56,402**	**52,895**	**56,901**	**53,338**	**51,558**	**51,930**	**62,250**	**4%**
Scope 2 Emissions (MT CO2E)	Purchased Green-e RECs	(1,006)	(2,162)	(2,051)	-	-	-	-	-	(7,962)	(379)	(11,431)	(11,431)	(19,074)	(12,612)	(9,192)	(3,897)	(13,805)	(2,825)	(6,607)	(15,041)	1396%
	Purchased Electricity	104,678	100,225	103,657	90,265	98,216	98,173	84,661	82,839	97,345	83,481	76,369	76,295	86,442	77,455	65,680	76,451	54,273	52,719	56,251	53,982	(48%)
	Purchased Steam	278	318	330	360	353	349	294	435	366	1,029	1,126	1,074	699	694	748	628	1,021	455	895	690	148%
	Total Gross Emissions Scope 2	**103,950**	**98,381**	**101,936**	**90,625**	**98,568**	**98,523**	**84,955**	**83,274**	**89,749**	**84,131**	**66,063**	**65,938**	**68,066**	**65,537**	**57,235**	**73,182**	**41,489**	**50,349**	**50,539**	**39,631**	**(62%)**
Scope 3 Emissions (MT CO2E)	Faculty Commuting	2,159	2,097	2,104	2,200	2,274	2,259	2,281	2,158	2,239	2,297	3,703	2,600	2,569	5,437	1,840	628	7,457	3,349	3,566	1,357	(37%)
	Staff Commuting	3,743	3,738	3,698	3,721	3,559	3,407	3,447	5,028	4,816	5,863	7,980	6,600	7,000	11,266	8,104	2,226	6,436	3,315	4,039	2,175	(42%)
	Student Commuting	11,354	11,371	11,554	12,068	12,799	13,111	12,907	11,992	12,733	12,752	16,775	16,960	16,892	20,529	15,482	1,951	10,938	8,216	7,567	4,741	(58%)
	University Financed Travel	5,578	6,029	5,883	6,017	6,697	7,436	386	7,661	8,507	6,335	6,556	9,579	9,237	805	12,271	341	3,845	8,216	8,259	9,867	77%
	Solid Waste	15,411	14,682	13,675	11,770	12,408	11,485	3,636	3,222	4,321	2,918	3,018	3,658	1	1	1	0.24	0.13	12.60	0.35	935	(94%)
	FERA	18,809	19,004	18,879	23,009	22,891	21,080	19,167	22,350	21,974	23,314	21,233	19,920	22,442	22,141	20,954	22,238	21,212	20,496	20,647	24,799	32%
	Transmission & Distribution Losses	10,353	9,912	10,252	8,927	6,070	6,068	8,548	8,364	5,091	4,366	3,589	3,586	4,431	4,159	3,672	3,949	3,037	2,949	3,146	2,899	(72%)
	Total Gross Emissions Scope 3	**67,407**	**66,833**	**66,044**	**67,711**	**66,699**	**64,845**	**50,372**	**60,775**	**59,681**	**57,845**	**62,854**	**62,903**	**62,572**	**64,336**	**62,323**	**31,332**	**52,926**	**46,552**	**47,226**	**46,773**	**(31%)**
	Total Gross Emissions	**231,382**	**223,258**	**217,445**	**223,525**	**225,415**	**219,011**	**186,154**	**202,830**	**207,587**	**202,894**	**182,400**	**179,136**	**187,375**	**186,275**	**172,453**	**161,416**	**147,752**	**148,459**	**149,695**	**148,654**	**(36%)**
Scope 1-3 Gross Emissions	Gross Square Footage (GSF)1	8,266,175	8,271,765	8,271,765	9,171,147	9,353,107	9,353,107	9,245,532	9,644,403	10,821,557	10,495,580	10,466,730	10,093,702	10,696,566	10,934,911	1,190,980	11,223,027	11,246,433	11,241,293	11,186,787	11,122,267	35%
	Full-time Equivalent Students (FTE)	27,055	27,560	28,535	29,901	31,363	32,251	31,939	31,811	33,563	33,955	34,450	35,750	36,397	36,423	35,641	34,069	32,761	30,683	27,977	27,634	2%
	Total Gross Emission Intensity/1000 GSF	27.94	26.97	26.27	24.37	24.10	23.42	20.13	21.03	19.18	19.33	17.43	17.75	17.52	17.03	15.41	14.38	14.37	13.21	13.47	13.36	(52%)
	Total Gross Emission Intensity/ FTE	8.54	8.10	7.62	7.48	7.19	6.79	5.83	6.38	6.19	5.98	5.29	5.01	5.15	5.11	4.84	4.74	4.93	4.84	5.38	5.38	(37%)

Energy, emissions and design

1.1 Total energy use in 2030 should not exceed the energy use in 2006.

Energy Type (MMBtu)	FY06	FY25	Difference FY06 to FY25	% Change FY06 to FY25
Electricity	684,037	612,025	(72,012)	(11%)
#2 Oil	51,298	4,811	(46,487)	(91%)
#6 Oil	596,151	-	(596,151)	(100%)
Natural Gas - Buildings	156,252	1,031,063	874,811	560%
Purchased Steam	3,807	9,459	5,652	148%
Total Gross Energy (MMBtu)	**1,491,545**	**1,657,358**	**165,813**	**11%**

*Numbers in parentheses are negative

Years	Actual (MMBtu)	% Change v. baseline
FY06	1,491,545	Baseline
FY07	1,541,503	3%
FY08	1,610,729	8%
FY09	1,755,097	18%
FY10	1,799,415	21%
FY11	1,715,502	15%
FY12	1,630,418	9%
FY13	1,763,842	18%
FY14	1,899,039	27%
FY15	1,848,877	24%
FY16	1,754,862	18%
FY17	1,693,325	14%
FY18	1,751,820	17%
FY19	1,753,856	18%
FY20	1,640,363	10%
FY21	1,667,834	12%
FY22	1,626,228	9%
FY23	1,568,238	5%
FY24	1,620,300	9%
FY25	1,657,198	11%

1.4 Reduce the average annual pounds of waste per student by 55% from a 2018 baseline and reach a minimum diversion rate of 65% from campus operations by 2030.

Fiscal year	Total waste (MSW + Recycling)	Total student pop.	Average annual lbs per FTE	Percentage change
2018	5,631	36,397	309.45	Baseline
2019	6,008	36,423	329.91	7%
2020	4,104	35,641	230.27	(26%)
2021	1,140	34,069	66.94	(78%)
2022	3,689	32,761	225.22	(27%)
2023	2,142	30,683	139.63	(55%)
2024	2,499	27,977	178.68	(42%)
2025	2,699	27,634	195.3	(37%)

Waste minimalization and recyling

1.5 Reach a minimum diversion rate of 80% for all campus development projects.

Project Name	Campus	Fiscal year (project completed)	% Diversion
Paley Hall	Main	2026	86%
1500 Broad St Gardner House	Main	2025	60%
Biology-Life Building	Main	2025	70%
Kardon Building	Main	2025	40%
Sobel and Prosthetics Spaces Renovations	HSC	2025	57%
iHub	HSC	2025	100%
Pharmacy - Public Corridors	HSC	2025	93%
SERC Façade	Main	2025	55%
Tuttleman - IDEAL Renovation	Main	2024	90%
Cottage Hall	Ambler	2023	50%
Timmons Hall	HSC	2023	100%

1.6 Divert 90% of food waste from Aramark food service operations, retail and residential dining, from the landfill.

Fiscal year	Generated (lbs)	Diverted (lbs)	% Diversion
2025	75,237	39,685	53%

Water systems

1.8 Reduce total water use per student by 30% by 2030 from a 2016 baseline.

Fiscal year	Water use (gallons)	Student pop.	Gallons per student	Reduction from baseline
2016	488,228	34,450	14.17	Baseline
2017	434,055	35,750	12.14	14%
2018	444,377	36,397	12.21	14%
2019	390,629	36,423	10.72	24%
2020	365,026	35,641	10.24	28%
2021	333,401	34,069	9.79	31%
2022	338,893	32,761	10.34	27%
2023	351,531	30,683	11.46	19%
2024	263,603	27,977	9.42	34%
2025	291,818	27,634	10.56	25%

1.9 Continue investing in green stormwater infrastructure and tree plantings on Main and Health Sciences Center campuses and, when feasible, exceed mandatory requirements.

Canopy audit	Total trees
2009	1,273
2025	1,295

Year	Projects	Impervious surface managed (acres)	% of total impervious acres managed
2016	ASTAR	1.59	79%
2015	Charles Library	1.52	79%
2013	Edberg Olsten	2.15	61%
2011	Montgomery Garage	1.16	69%
2010	Morgan Hall	1.52	77%
2009	Geasey Field	2.66	64%
2006	Medical Education Research Building	1.16	69%
		11.74	**Total acreage**

Transportation

1.10 Increase the percentage of commuters who utilize a sustainable form of transportation to campus to 75% by 2030.

Fiscal year	Sustainable transportation	Goal
2015–2016	72%	75%
2018–2019	75%	75%
2021–2022	67%	75%

Mode	2016	2019	2022	2025
Sustainable modes				
Bus	7%	8%	5.5%	9.7%
Subway	16.7%	18.1%	16.4%	11.4%
Regional rail	14.1%	13.8%	11.8%	16.6%
Bicycle	5.3%	4.5%	3.2%	3.7%
Walk	25.3%	29.3%	28.6%	13.7%
Carpool	3.3%	1.4%	1.9%	1.9%
Scooter	--	--	--	0.4%
Skateboard	--	--	--	0.3%
Other modes				
Cars	27.6%	23.2%	30.7%	36.3%
Motorcycle	--	--	--	0.2%
Taxi, Uber, Lyft	0.7%	1.7%	1.3%	4.1%
Sustainable transportation	**72%**	**75%**	**67%**	**58%**

1.11 Reduce fleet-based emissions from 2006 baseline by 20% by 2030.

Fiscal year	Fleet-based emissions (MTCO2e)	Goal	Actual reduction (%)
2006	623	623	--
2007	646	618	4%
2008	775	613	24%
2009	897	607	44%
2010	862	602	38%
2011	911	597	46%
2012	873	592	40%
2013	945	587	52%
2014	911	581	46%
2015	865	576	39%
2016	853	571	37%
2017	855	566	37%
2018	1008	561	62%
2019	891	556	43%
2020	718	550	15%
2021	637	545	2%
2022	731	540	17%
2023	742	535	19%
2024	694	530	11%
2025	627	524	1%

1.12 Increase the percentage the university's fleet that is alternatively fueled to 50% by 2030.

Vehicle type	Fiscal year					
	2020	2021	2022	2023	2024	2025
Gas	130	135	133	132	127	51
Diesel	42	41	33	21	15	26
Alternatively fueled vehicles						
Hybrid	0	4	3	4	0	1
CNG	11	11	10	10	9	5
Propane	8	8	8	8	8	8
Electric	32	27	20	32	27	24
Total vehicles	**223**	**226**	**207**	**207**	**186**	**115**
Total alternative vehicles	**61**	**64**	**54**	**43**	**32**	**40**
% of fleet (alternative)	**27%**	**28%**	**26%**	**21%**	**17%**	**35%**

Food systems

2.1 Increase volunteer participation in key direct service opportunities benefiting campus hunger relief efforts by 15% by 2030, using AY24–25 as the baseline year.

AY24–25 Program	Staff (unique volunteers)	Students (unique volunteers)	Total
Fall Temple Thrift	11	43	**54**
Spring Temple Thrift	1	0	**25**
Give + Go Green	13	8	**21**
			100

2.3 Track and report the percentage of Aramark food purchases that meet the AASHE definition of locally sourced, sustainably certified and low carbon through 2030.

Fiscal year	Locally sourced	Sustainably certified	Low carbon/ plant based	Social impact supplier
2025	1%	1%	17%	1%

Sustainable food certifications include:

Aquaculture Stewardship Council
Fair for Life certified by IMO,USDA Certified Organic
Fair Trade USA Certified,USDA Certified Organic
Global Animal Partnership Certified (Step 2)
Marine Stewardship Council (MSC) Fisheries Standard - Blue Eco Label (All Species)
Marine Stewardship Council (MSC) Fisheries Standard - Blue Eco Label (All Species),MSC Certified Fisheries (No Chain of Custody)
MSC Certified Fisheries (No Chain of Custody)
Rainforest Alliance Certified
Rainforest Alliance Certified,USDA Certified Organic
USDA Certified Organic

Social impact supplier designations include:

B-Corp. Certified
B-Corp. Certified,Employee-Owned Enterprise
B-Corp. Certified,WBE- Business Certification
Employee-Owned Enterprise
Social Enterprise
WBE- Business Certification

Outreach and awareness

2.11 Maintain a minimum baseline of 60% of all programming as peer-led.

Fiscal year	Total events	Peer-led events	% of events that are peer-led
AY 22-23	128	88	69%
AY 23-24	112	88	79%
AY 24-25	122	76	62%

Governance and workplace culture

3.2 Grow the Green Revolving Fund by $500,000 annually, excluding money recovered from energy savings, through 2030.

Fiscal year	Annual contribution*	Energy Savings MMBTU	CO2e avoided MTCO2e	New project funded in FY
2019	$300,000	0	0	0
2022	$142,000	0	0	0
2023	$568,000	0	0	3
2024	$452,000	6	1	1
2025	$144,312	722	113	0
Cumulative totals	**$1,606,312**	**728**	**114**	**4**

*Contributions do not include energy paybacks or rebates associated with projects funded through the GRF.

Access and impact

3.5 Maintain and assess sustainability-themed support programs for low-income students such as Temple Thrift, graduation gown recycling and rental, and surplus bicycle sales.

AY24-25 baseline	Number of student applicants	Students served	Percentage	Estimated financial impact
Secondhand cycles	54	11	20%	$1,830
Temple thrift	168	84	50%	$1,008
Gown recycling	39	8	21%	$640
Total	**261**	**103**	**39%**	**$3,478**

Teaching and learning

3.10 Increase the number of academic degree programs with sustainability–focused learning requirements awarded by 100% from the 2023 baseline by 2030.

School/college	Count of degree program	SF program description	SF course required	SF student learning outcomes
College of Education and Human Development	1	0	1	0
College of Engineering	11	5	2	7
College of Liberal Arts	5	4	4	3
Barnett College of Public Health	3	1	1	3
College of Science and Technology	4	2	4	1
Lew Klein College of Media and Communication	1	0	1	0
School of Social Work	2	0	0	2
School of Sport, Tourism and Hospitality Management	2	0	0	2
School of Theater, Film and Media Arts	1	0	0	1
Tyler School of Art and Architecture	19	10	19	16
University College	1	1	1	1
Grand total	**50**	**23**	**33**	**36**

3.11 Publish teaching and learning materials from more than 50% of schools and colleges on TUScholarShare by 2030.

School/college	Publications as of AY24–25
Tyler School of Art and Architecture	X
Fox School of Business and Management	--
Maurice H. Kornberg School of Dentistry	--
College of Education and Human Development	--
College of Engineering	--
Beasley School of Law	--
College of Liberal Arts	X
Lew Klein College of Media and Communication	--
Lewis Katz School of Medicine	--
Esther Boyer College of Music and Dance	--
School of Pharmacy	--
School of Podiatric Medicine	--
Barnett College of Public Health	--
College of Science and Technology	--
School of Social Work	--
School of Sport, Tourism and Hospitality Management	--
School of Theater, Film and Media Arts	--
Total (out of 17 schools/colleges)	**12%**

Appendix

Data: 2025 quick poll

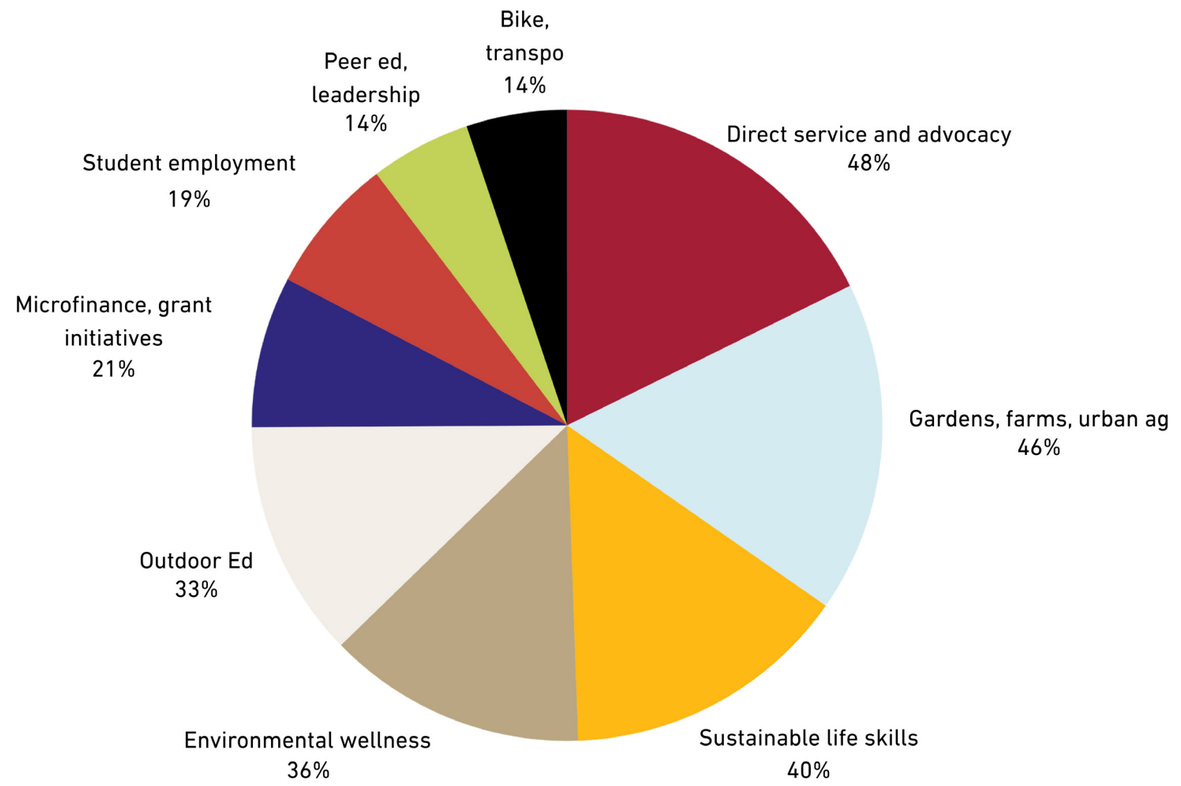
Surveys were administered as quick polls via TUportal in a sequence spanning four weeks in April 2025.

Student programming

Over the next five years, Temple University should prioritize the following as it relates to Office of Sustainability programming and engagement opportunities. Choose up to three.

1,200 student respondents (4% of total population)	Responses	Student % of Response
Sustainability-focused, environmental justice-themed direct service and advocacy opportunities such as block cleanups, volunteering at a zero-waste event or at an urban farm	579	48%
Gardens, farms, community supported agriculture or fishery programs, and urban agriculture projects where students gain experience in organic agriculture and sustainable food systems	554	46%
Programs through which students can learn sustainable life skills (e.g., a series of sustainable living workshops or sustainability-themed housing where residents learn about sustainability together)	476	40%
Environmental and nature-based wellness programs (e.g., contemplative, spiritual, recreational and horticultural therapeutic activities and group support for climate anxiety and grief)	426	36%
Wilderness or outdoors programs (e.g., that organize hiking, backpacking, kayaking or other outings for students) that follow Leave No Trace principles	396	33%
Sustainable microfinance and grant initiatives through which students can develop socially, environmentally and fiscally responsible financial skills especially for management and leadership of student organizations	249	21%
Sustainability-focused student employment opportunities offered by the institution	224	19%
Sustainability peer education and leadership development programs focused on skill-building, training and career readiness	173	14%
Bicycle safety trainings and transportation-centered group activities such as peer-led excursions on public transit	170	14%

2025 quick poll: student programming



Staff & faculty programming

Over the next five years, Temple University should prioritize the following as it relates to Office of Sustainability programming and engagement opportunities. Choose up to three.

416 staff/fac respondents (39% total pop.)	Responses	Staff/fac % of response
Sustainability-focused volunteer opportunities	416	39%
Sustainable purchasing guide for giveaways and swag	367	34%
Sustainable catering guide for departmental events	362	34%
Training modules for action as TU employee	337	32%
Host quarterly "green team" meetings for faculty and staff to share resources and best practices and build community	292	27%
Develop a sustainable marketing guide for promotion of academic programs and special events	274	26%
Host lunch and learns for employees that highlight faculty research or share best practices	262	25%
Develop online training modules that provide information about climate change and what you can do personally to live more sustainably	242	23%
Offer in-person sustainable campus tours that highlight sustainable features, buildings and landscaping features on campus	197	19%

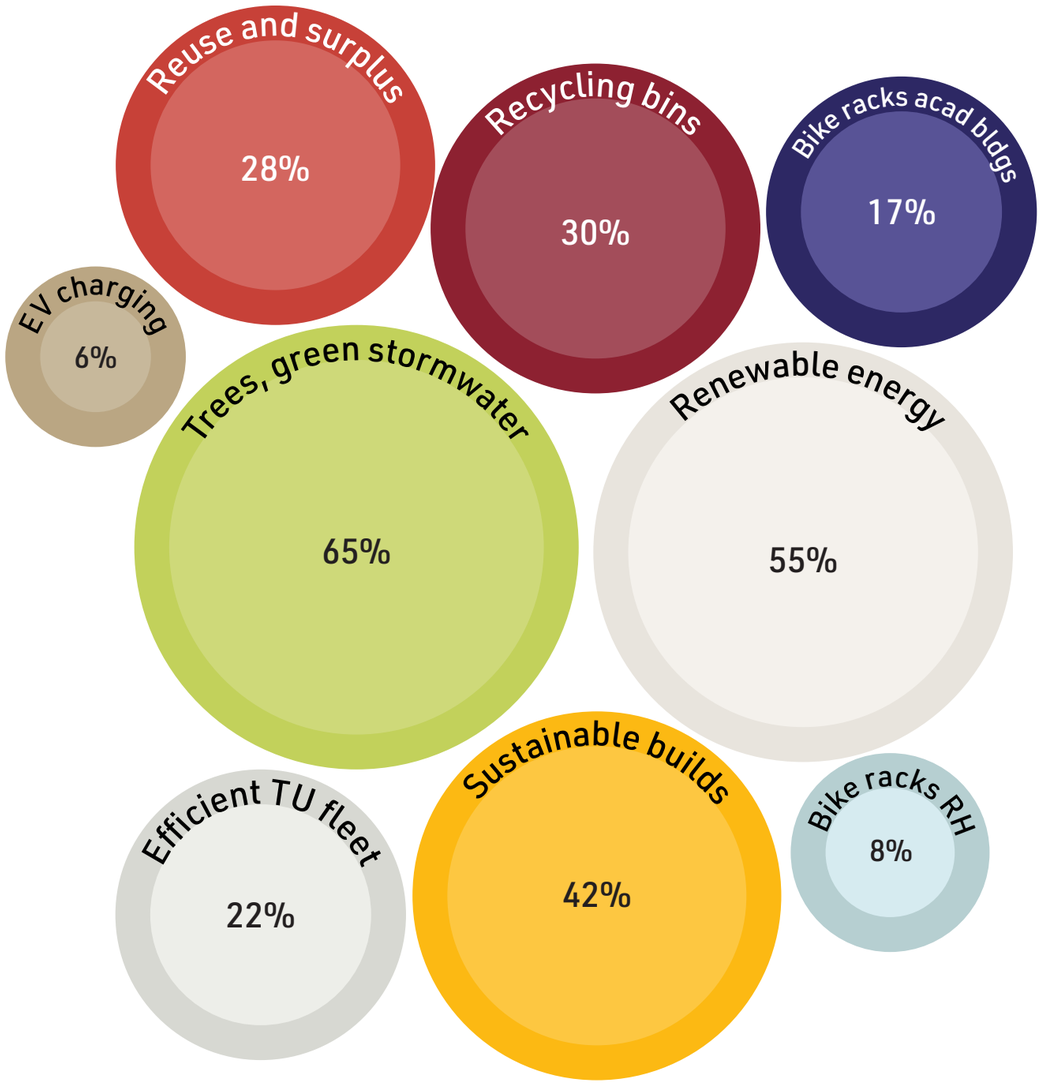
2025 quick poll: staff & faculty programming

Student operations

Over the next five years, Temple University should prioritize the following as it relates to campus operations and infrastructure. Choose up to three.

1,930 student respondents (7% of total pop)	Responses	Student % of response
Increase tree plantings, green roofs, and rain gardens on Temple University-owned properties and campuses	1248	65%
Increase investments in renewable energy like solar and wind	1065	55%
When renovating or constructing new campus buildings, select sustainable building materials, furnishings and fixtures	808	42%
Increase the number of recycling bins on campus	588	30%
Increase opportunities for reuse of items like office furniture, office supplies and equipment	554	29%
When replacing university-owned vehicles, purchase the most fuel efficient and low/no carbon vehicle on the market that will allow for the employees to complete their essential functions	431	22%
Increase the number of bicycle racks, bicycle fix-it stations, and/or secure bicycle parking options adjacent to academic buildings	327	17%
Increase the number of bicycle racks, bicycle fix-it stations, and/or secure bicycle parking options adjacent to residence halls	152	8%
Increase the number of publicly available electric vehicle charging stations on campus	109	6%

2025 quick poll: student operations

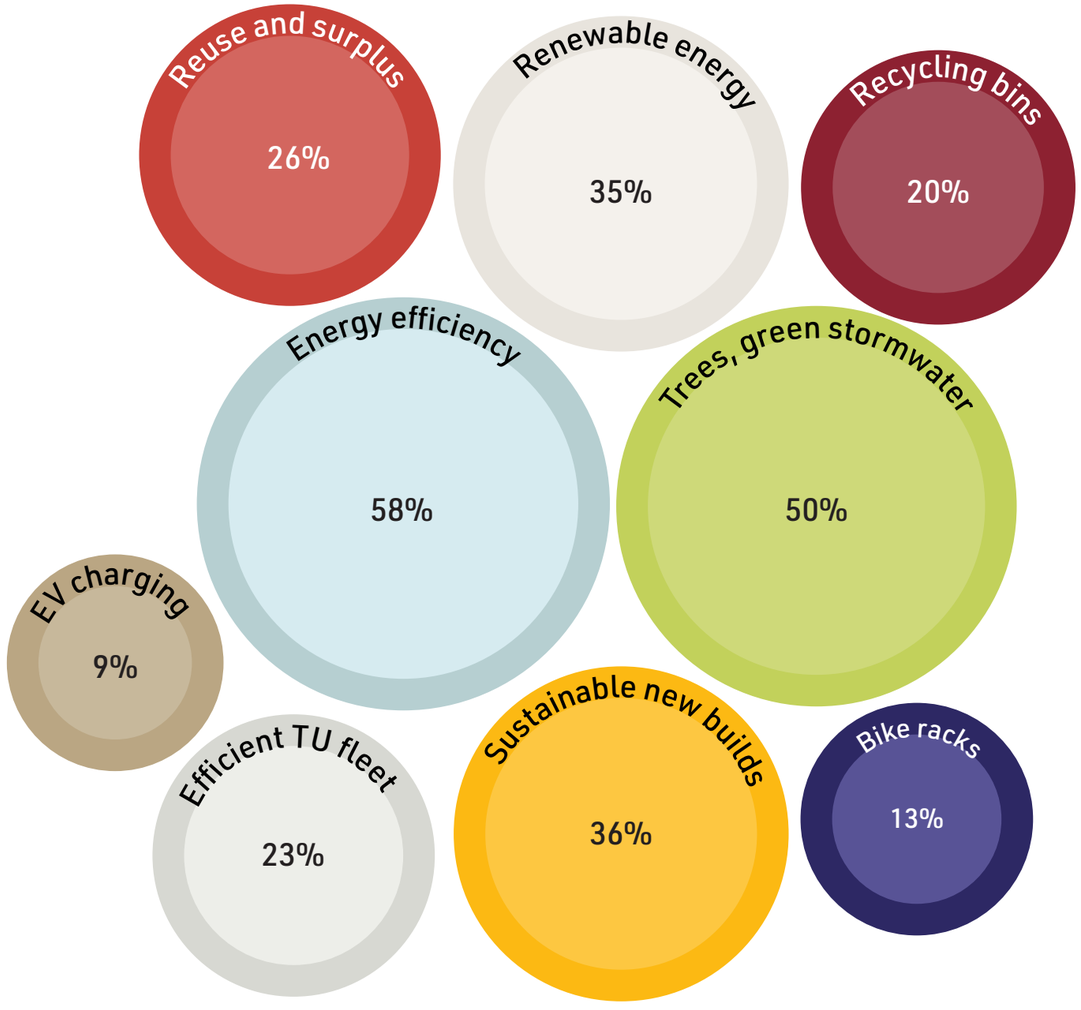


Staff & faculty operations

Over the next five years, Temple University should prioritize the following as it relates to campus operations and infrastructure. Choose up to three.

1,504 staff/fac respondents (18% total pop.)	Responses	Staff/fac % of response
Increase investments in energy efficient campus infrastructure, like buildings, lighting and heating/ cooling systems	874	58%
Increase tree plantings, green roofs, and rain gardens on Temple University owned properties and campuses	759	50%
When renovating or constructing new campus buildings, select sustainable building materials, furnishings, and fixtures	543	36%
Increase investments in renewable energy like solar and wind	529	35%
Increase opportunities for reuse of items like office furniture, office supplies, and equipment	388	26%
When replacing UNIVERSITY owned vehicles, purchase the most fuel efficient and low/no carbon vehicle on the market that will allow for the employees to complete their essential functions	342	23%
Increase the number of recycling bins on campus	302	20%
Increase the number of bicycle racks, bicycle fix-it stations, and/or secure bicycle parking options adjacent to academic buildings	199	13%
Increase the number of publicly available electric vehicle charging stations on campus	139	9%

2025 quick poll: staff & faculty operations



Appendix: stakeholder engagement

Conservation & stewardship

- Energy, emissions and design
- Transportation
- Water systems
- Waste minimization and recycling

Engagement & community

- Food systems
- Health and wellness
- Local partnerships
- Outreach and awareness

Discovery & governance

- Governance and workplace culture
- Access and impact
- Research
- Teaching and learning

Stakeholders

	Conservation & stewardship	Engagement & community	Discovery & governance
Aramark	♻	♥	
Business services	♻	♥	
Community impact & civic engagement		✋	🏛
Division of student affairs		♥ ✋	🏛
Environmental health & radiation safety	♻		
Facilities management	🏭 ♻ 💧 🚲	♥	🧠 🏛
Health & well-being		♥	🧠
Human resources		✋	🧠
Information technology services	♻	✋	🏛
Institutional diversity		✋	🧠 🏛
Planning & design	🏭 ♻ 💧	♥	
Provost		🌱 ♥ ✋ ✋	🔍 📖

Appendix

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Appendix

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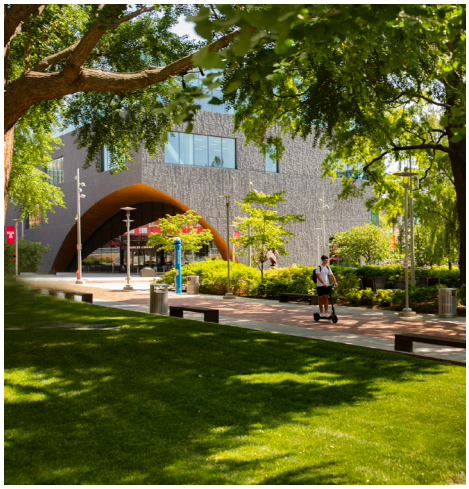

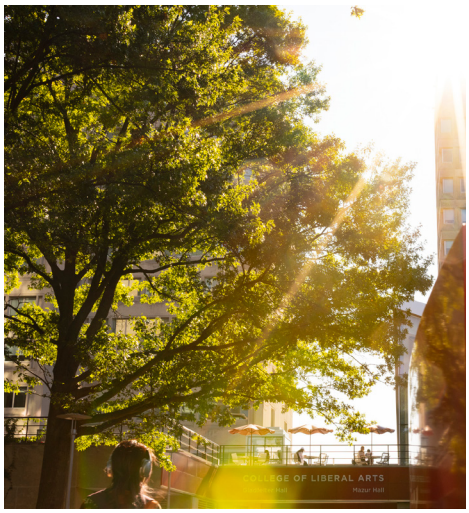

2025
SUSTAINABILITY ACTION PLAN

Temple University
Office of Sustainability
sustainability.temple.edu