

**Skidmore College
2017-2018 Campus Sustainability
Annual Report**

**Submitted by the Campus Sustainability Subcommittee of the
Institutional Policy and Planning Committee**

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Definition of Sustainability	4
Focus Area 1: Energy	5
Goal 1: 60% of our electricity from renewable sources	6
Goal 2: 60% of our heating and cooling from renewable sources	6
Goal 3: 75% reduction in our scope 1 and 2 GHG emissions	6
Goal 4: 60% reduction in energy use for heating and cooling per student and square foot	7
Goal 5: Maintain electricity use per student and square foot.	8
Recent Energy Efforts.....	8
Future Steps.....	8
Focus Area 2: Food	10
Goal: 25% Sustainable Food in Dining Services	10
Recent Efforts	11
Future Steps.....	12
Focus Area 3: Waste	13
Goal 1: 60% diversion rate in routine operations.....	13
Goal 2: 50% diversion rate for special projects.....	14
Recent Efforts	14
Future Steps.....	14
Focus Area 4: Lands and Grounds	16
Goal: Create a comprehensive lands management plan for our lands and grounds	16
Recent Efforts	16
Future Steps.....	17
Focus Area 5: Engagement	18
Goal: Make sustainability an essential feature of Skidmore's identity and a value that is integrated into all aspects of the College.....	18
Recent Efforts	18
Future Steps.....	19
In Conclusion	20
Appendix A: A Comparison of GHG Emissions	22
Appendix B: Sustainability Infographic	23



Volunteers sort Give+Go donations

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In May 2015, Skidmore College endorsed its first Campus Sustainability Plan. The *2015-2025 Skidmore College Campus Sustainability Plan* includes five key focus areas: energy, food, waste, lands and grounds, and engagement. Working groups formed by members of the Campus Sustainability Subcommittee (CSS) and other key stakeholders undertook significant research to develop challenging goals within each focus area to achieve by 2025. This 2017-2018 Campus Sustainability Report provides a snapshot of the status of sustainability efforts on campus, with an eye toward not only celebrating our achievements, but also restating our commitments, calling attention to our challenges, and noting our continuing plans and efforts going forward. A key element in this is to acknowledge those areas most in need of attention, which we use to guide our decision-making process and focus our attention on our continuing and future efforts.

Reading the Dials

The tracking dials found in the following sections of this report signify the College's progress toward our sustainability goals. The light gray needle found in some dials represent the figures reported in the *2016-2017 Annual Report* and illustrate how recent projects have impacted our progress. We would also like to bring attention to the energy section of this report. The CSS updated the methodology for tracking and reporting many of the College's energy goals to align with internationally recognized reporting protocols and to improve accuracy and comparability. The figures included in this report supersede previous campus sustainability annual reports.

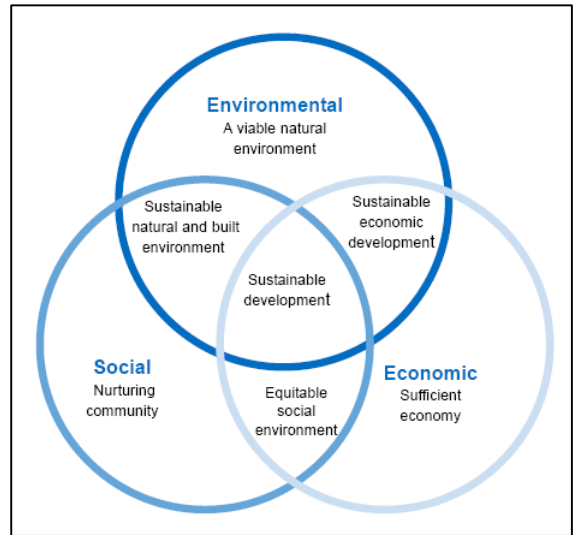
Definition of Sustainability

Recognizing environmental limits, and sharing the ethic that present actions should not “compromise the ability of future generations to meet their own needs,” * the Skidmore College community embraces both the concept and practice of sustainability. We endeavor to enact environmentally responsible practices, grounded in economic and social equity, and through our actions to have a positive impact on our community and our planet.

Skidmore’s primary mission is education, and the College’s greatest impacts and achievements will be realized as consequences of the lives our graduates lead. As part of an ever-growing population on a finite planet, we are confronted with an increasingly urgent need to address the resulting environmental constraints and social challenges. Institutional adoption of sustainable practices, informed by an understanding of the complex, interconnected nature of living systems and their physical environment, provides the opportunity for each Skidmore community member to become educated and personally involved in addressing these challenges, and empowered with techniques and strategies that they might apply to make positive changes beyond Skidmore.

We invite Skidmore community members to engage in mindful consideration of their individual and collective ecological, economic and social impacts, to examine their values, and to collaborate in demonstrating their values and principles through action. Teaching, learning and living in accordance with the tenet of sustainability fosters broad education and civic engagement of our community members, and prepares our students to be informed, active citizens and leaders in realizing sustainable futures. The health and wellbeing of future generations is dependent upon their success.

**Brundtland Commission*





LED stage lighting significantly reduced electricity use in Filene Recital Hall

Focus Area 1: Energy

The Campus Sustainability Subcommittee would like to acknowledge the differences between the figures presented in this section of the report and those published in the 2016-2017 *Annual Campus Sustainability Report*. These changes were driven by new greenhouse gas (GHG) reporting standards and improvements to the College's assessment procedures.

Changes to GHG Reporting

Clean Air–Cool Planet's Campus Carbon Calculator (CCC) had long been the standard for tracking and reporting GHG emissions in higher education. In 2014, the University of New Hampshire Sustainability Institute (UNHSI) assumed ownership of the CCC, but then discontinued maintenance after first launching the Sustainability Indicator Management & Analysis Platform (SIMAP) in 2017. SIMAP is an online tool used for measuring, calculating, and reporting carbon and nitrogen footprints. The platform includes many updates including more accurate greenhouse gas emissions factors and revisions to scope 1 and 2 GHG reporting methodologies that align with the World Resources Institute Greenhouse Gas Protocol. Skidmore's transition to SIMAP and improved reporting and assessment measures have altered our trajectory toward our long-term GHG reduction goals, but these results are undeniably more accurate.



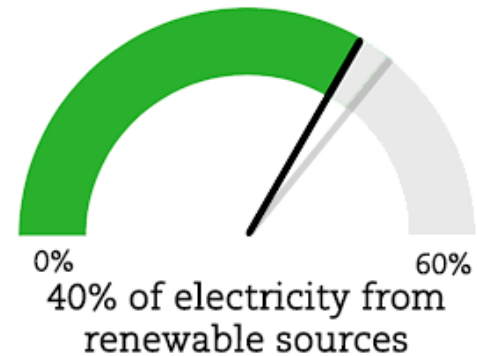
Historical GHG emissions have been re-calculated using the updated protocols and emissions factors in SIMAP, and these results are incorporated in this report to better illustrate our progress over time. It will be our policy to use the most accurate emissions factors when conducting future GHG inventories. We will also normalize our 2000 GHG baseline with

present-day emissions factors and methodologies for a more accurate comparison across years. These changes are significant, but it is important to acknowledge that the CSS still sees a pathway toward each of Skidmore’s energy goals.

Goal 1: 60% of our electricity from renewable sources

Current progress: The percent of electricity from renewable sources decreased from 43% to 40%.

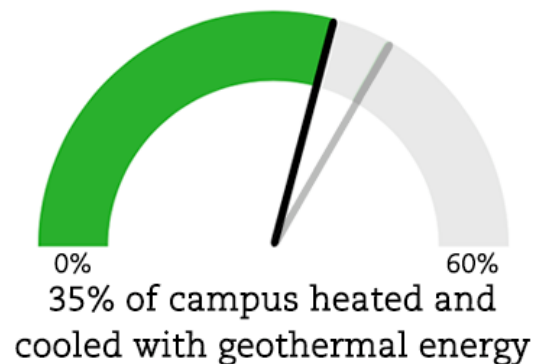
Skidmore consumed 23,918,730 kWh of electricity in Fiscal Year 2018, a modest increase from the previous year. Together, the college’s solar array and small-hydro facility generated 4,467,242 kWh of electricity (18.7% of total campus consumption), a 15% reduction in energy generation from Fiscal Year 2017. The College received another 5,104,070 kWh (21.3%) of electricity through renewable sources (excluding nuclear) from our energy provider.



Goal 2: 60% of our heating and cooling from renewable sources

Current progress: The percent of campus square footage heated and cooled with geothermal energy decreased from 40% to 35%.

Skidmore’s recent property acquisitions, including White Hollow Farm and properties on North Broadway, have increased total campus square footage. These properties do not utilize renewable heating and cooling systems and therefore decreasing our campus percentage. The geothermal system designed for the Center for Integrated Sciences will support our progress toward this goal, and the impact of this project will be represented in a future report after the system is active.

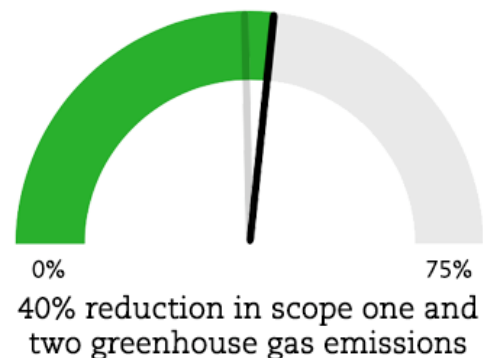


Goal 3: 75% reduction in our scope 1 and 2 GHG emissions

Current progress: We reduced scope one and two GHG emissions from 37% to 40% in Fiscal Year 2016, compared to our normalized 2000 baseline inventory.

(note: Skidmore’s most recent GHG inventory measured campus emissions from Fiscal Year 2016).

There have been many improvements to GHG assessment protocols since Skidmore published its 2013 GHG inventory. In addition to more accurate emissions factor calculations for scope one and two emissions sources, scope two reporting standards were revised to give campuses three reporting options. Skidmore chose to calculate emissions using the market-based approach, allowing the College to incorporate the renewable energy that we purchase from our solar array (for which we retire the associated environmental attributes) and for our renewable energy credit (REC)



purchases. Unfortunately, the College cannot claim the environmental attributes from the energy produced at our hydro facility because the College does not own the associated RECs. While these updates have impacted our progress toward our GHG reduction goal, we still see a pathway to achieve a 75% reduction in GHG emissions by 2025 by committing to additional renewable energy projects and implementing strategies to reduce on-campus combustion. Please refer the *Skidmore College 2016 Greenhouse Gas Inventory* for more details about our GHG emissions sources and reporting methodology.

Greenhouse Gas Baseline Adjustment

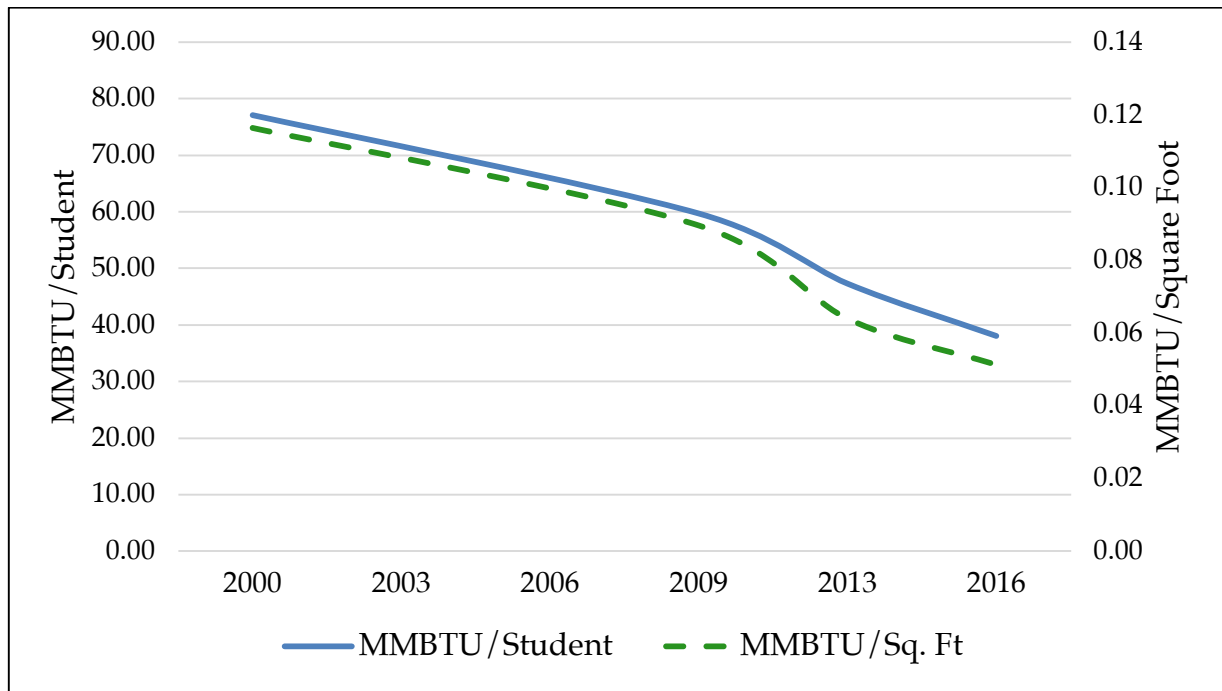
We have normalized our baseline GHG emissions figure by using SIMAP to re-calculate energy consumption and combustion figures from the year 2000. Appendix A offers more detail regarding the impact that our normalized baseline has on the College’s trajectory toward our 2025 goal.

Goal 4: 60% reduction in energy use for heating and cooling per student and square foot

Current progress: 51% reduction in energy use for heating and cooling per student (38.11 MMBTU/student) and 56% reduction in energy use for heating and cooling per square foot (0.05 MMBTU/sq. ft.) from 2000 levels.

Figure 1 shows Skidmore’s heating and cooling efficiency trend since 2000. The College’s geothermal systems, efficient building design, decentralized heating system, and extensive campus efficiency improvements play a significant role in our progress toward this goal.

Figure 1. Campus heating and cooling efficiency per student and per square foot

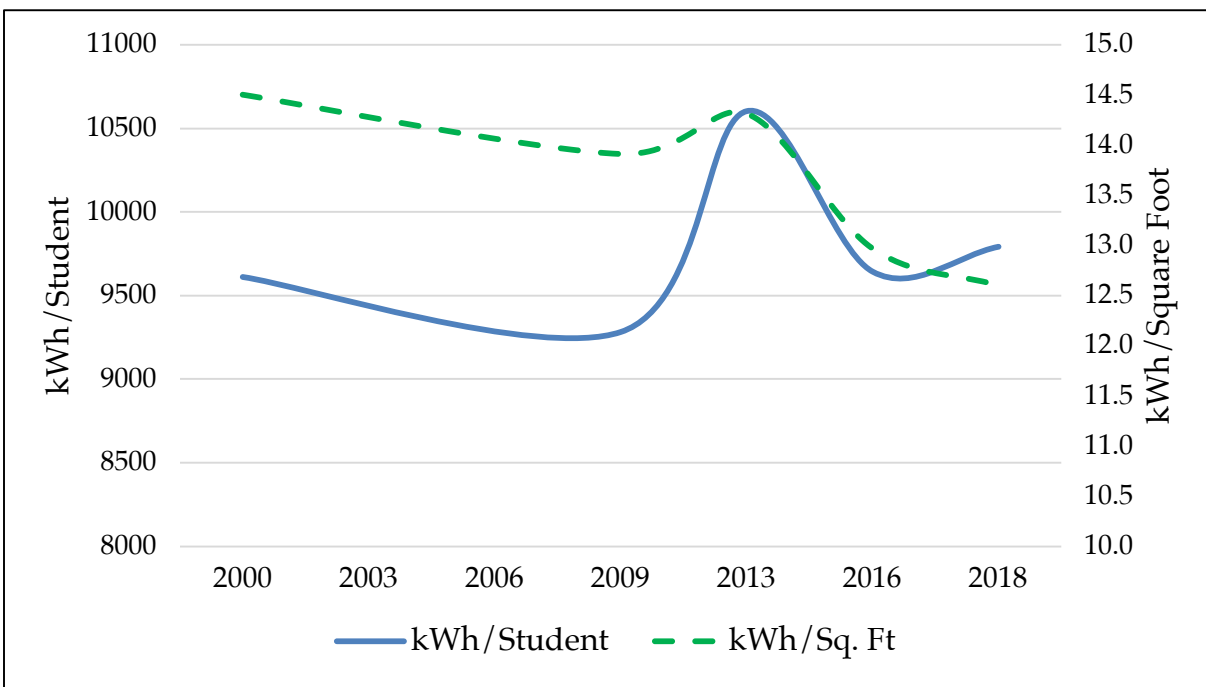


Goal 5: Maintain electricity use per student and square foot.

Current progress: 1.1% increase in electricity use per student (9790.72 kWh/student) and 13% reduction in electricity use per square foot (12.60 kWh/sq. ft.) from 2000 levels.

We are close to maintaining electricity use per student from 2000 levels. While there was a modest increase, it is important to recognize the campus community uses far more electronic devices and equipment than in 2000 (i.e. cell phones, computers, servers, laboratory equipment). It is remarkable to maintain consumption on a per student basis given the increased demand from campus users. Our strong position in electricity use per square foot is the result of campus efficiency and conservation efforts like lighting retrofits, electronic purchasing policies and practices, and behavior change efforts.

Figure 2. Campus electricity efficiency per student and per square foot



Recent Energy Efforts

To reach our energy-related goals, Skidmore:

- installed LED lighting in campus residence halls;
- completed its fourth institutional greenhouse gas inventory, allowing the College to identify future mitigation strategies; and
- upgraded the BikeMore fleet to provide higher quality experience for riders.

Future Steps

Future steps will, in many ways, be influenced by grant and incentive dollars and new, innovative partnerships, but possible strategies for meeting Goals 1-3 might include:

- develop additional renewable energy projects, possibly including a second solar or small-hydro project, to decrease scope 2 greenhouse gas emissions;
- participate in the New York Campus Aggregate Renewable Energy Solution;

- implement individual building metering with connection to a common, comprehensive dashboard;
- maximize the heating and cooling capacity of the Palamountain Lot geothermal bore field to satisfy the energy demands of the new Center for Integrated Sciences and adjacent buildings;
- additional lighting retrofits;
- implementing scope 1 GHG mitigation efforts such as increasing fleet efficiency to reduce on-campus fossil fuel combustion, converting to electric-powered fleet or equipment, monitoring idling habits, reducing synthetic fertilizer use on campus grounds, and revisiting the campus-wide temperature policy;
- convert the Janet Kinghorn Bernhard Theatre Building to geothermal heating and cooling; and
- develop additional campaigns, programs, and training to promote behavioral changes.



Ajani Otieno-Rudek, Community Garden Manager, completes a final fall harvest

Focus Area 2: Food

Food production, processing, and distribution methods are integrally connected to ecosystem and human health. Dining Services is already engaged in many initiatives to advance sustainable food purchasing, and the College is actively exploring additional opportunities to reduce GHG emissions from our food choices, and to support a just, sustainable food system by encouraging more transparency in our supply chain.

Goal: 25% Sustainable Food in Dining Services

Current Progress: Our sustainable food percentage increased from 8% to 10%. We expect the Low-Impact Dining initiative and new relationships with local community-based vendors to have a positive impact on our sustainable food percentage.

Sustainable Food is primarily defined by the following criteria (note: food items only need to meet one of the five criteria):



- **Local and Community-Based:** These foods can be traced to farms and businesses that are locally owned and operated (within 250 miles). Sourcing local and community-based foods supports the local economy and builds community relations. Foods travel fewer miles to reach consumers. Seasonal foods, when fresh, often have a higher nutrient content.
- **Fair:** Individuals involved in food production, distribution, preparation--and other parts of the food system — work in safe and fair conditions; receive a living wage; are ensured the right to organize and the right to a grievance process; and have equal opportunity for employment. Fair food builds community capacity and ensures and promotes socially just practices in the food system.
- **Ecologically Sound:** Farms, businesses, and other operations involved with food production practice environmental stewardship that conserves biodiversity and preserves natural resources, including energy, wildlife, water, air, and soil. Production practices should minimize toxic substances as well as direct and indirect petroleum inputs.
- **Humane:** Animals can express natural behavior in a low-stress environment and are raised with no hormones or unnecessary medication.
- **Conscientious:** Business operations are guided by the principles of sustainability. The Food Working Group will consider Certified Benefit Corporations and organizations that routinely publish Corporate Social Responsibility Reports proving consistent ethical and transparent business practices.

Foods that contain ingredients that have been proven harmful to human health or are produced under egregious labor conditions are not considered Sustainable Food.

(adopted from the Real Food Calculator, 2014)

Recent Efforts

To reach our food goal, Skidmore:

- Continued our Low-Impact Dining effort, a weekly initiative to support sustainable food systems and reduce the ecological impact of our dining hall menu;
- hosted Njathi Kabui, chef, urban farmer, and food activist for a three-day campus residency that included class lectures, club visits, conversations with Dining Services staff, and a campus-wide lecture titled *Triple Consciousness and Sustainability*;
- welcomed John Ubaldo '88 back to campus for a screening of *The Bullish Farmer*, a documentary that follows his journey from Wall St. to Cambridge, NY where he currently farms and advocates for food labelling standards, animal rights, and responsible agricultural practices;
- established a relationship with Headwater Food Hub to purchase food from small- and medium-sized farms across New York State;

- established a new student-led program to support the Low-Impact Dining initiative and improve communications regarding Skidmore's sustainable food efforts; and
- researched our community's values and perceptions of sustainable food, the availability of vegan and vegetarian options in the Dining Hall, and sustainable dining practices at peer and aspirant institutions through a collaborative student internship program.

Future Steps

Strategies that may be implemented to achieve our Food goal include:

- study budgetary impact of sustainable food procurement and develop plan to secure funding to meet our 2025 goal;
- continue to identify partnerships with local growers and distributors;
- improve supply chain transparency with current vendors;
- enhance communications efforts to increase awareness of sustainable food procurement in the Murray-Aikins Dining Hall; and
- continue conversations with Pitney Meadows Community Farm about future partnerships.



Artificial turf from Wachenheim Field was donated to a local organization

Focus Area 3: Waste

Waste reduction is broad in scope in that it affects all offices and operations across campus, as well as the surrounding community and environment. Skidmore produces general municipal solid waste, hazardous materials, as well as compost and recyclables. With such a large waste stream and many stakeholders, there are numerous opportunities for improvements. The goals outlined below aim to make improvements in different areas of the college.

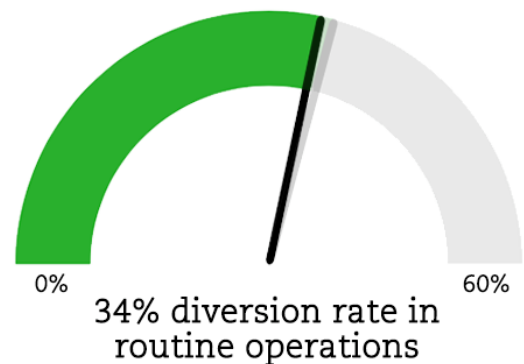
Goal 1: 60% diversion rate in routine operations

Current progress: The campus diversion rate decreased from 35% to 34%.



Recent efforts have enabled the College to measure multiple waste streams in the College's routine operations to provide us with a more accurate assessment of our diversion rate. In total, we sent 494.24 tons of material to the landfill, a 2% increase compared to Fiscal Year 2017. Our 34% diversion rate includes:

- Zero-Sort recycling: 208.75 tons (27.99%)
- Give+Go: 20 tons (2.68%)
- electronics recycling: 2.25 tons (0.3%)
- residential composting: 6.16 tons (0.82%)
- Dining Hall composting: 13.2 tons (1.77%)



- Feedmore: 1.06 tons (0.14%)

Goal 2: 50% diversion rate for special projects

Current progress: Waste diversion is being tracked at the Center for Integrated Sciences construction project. We will report the diversion numbers when the first phase of the project is complete.

Recent Efforts

To reduce waste and increase our diversion rate, Skidmore:

- composted landscaping debris, coffee grounds from dining services, and manure from our horse stables at our larger-scale composting site on Daniels Road;
- participated in the EPA's Food Recovery Challenge, an effort led by the SGA Sustainability Commission;
- donated our artificial turf field to a local organization;
- hosted a student-organized Zero-Waste Theme Dinner in the dining hall;
- toured our local landfill to gain a better perspective on the impacts of waste generation on our local community, which was incorporated into campus outreach efforts;
- organized an apartment recycling competition to encourage recycling and composting practices in the Sussman and North Woods Villages;
- tested several lid options on the waste and recycling containers in campus residence halls to determine their effect on diversion and contamination rates;
- donated 40,000 pounds of material to local and regional organizations through Give+Go;
- hosted the College's first Game Day Challenge during the Big Green Scream, where student staff from the Sustainability Office recycled 59% of the material from the event;
- student clubs coordinated composting and recycling collection at Earth Day and Fun Day to encourage zero-waste events;
- launched a successful pilot program to compost pre-consumer food waste in the Murray-Aikins Dining Hall, which diverted over 26,000 pounds of food waste from the landfill in two months;
- students composted over 12,000 pounds of food scraps from on-campus sources including the Northwoods and Sussman Apartment Villages and Dining Services locations; and
- donated over 2,000 pounds of food to the local food pantry through FeedMore, a student club.

Future Steps

Possible strategies for meeting Goals 1 and 2 include:

- schedule frequent meetings with our waste hauler to improve communication and enhance our waste programs;

- develop a comprehensive plan to divert construction and demolition material from landfills during special projects;
- incorporate resource management language in contracts and ensure contractors are following recycling guidelines;
- update waste receptacles in residence halls to ensure consistent and convenient bin types and locations;
- identify methods to accurately measure the amount of material that is donated by Skidmore College during campus renovations;
- continue outreach and education efforts, including training and campus campaigns, about waste management and recycling for Skidmore community members;
- investigate feasibility of reusable containers on campus;
- compost post-consumer food waste in the Murray-Aikins Dining Hall;
- expand composting capabilities at larger-scale site; and
- provide avenues for students to borrow or sell items to fellow or incoming students to reduce the amount of new items purchased, as well as ways for students to donate unwanted items to local organizations.



Yesenia Olivares '18, North Woods steward, clears a trail (photo by Jingling Zhang '18)

Focus Area 4: Lands and Grounds

Skidmore currently owns about 1400 acres of undeveloped land distributed across multiple properties with different identities. The North Woods, which is adjacent to the developed portion of campus, is used both by the College for teaching and research and by the Saratoga Springs community for education and recreation. Off-campus parcels include the Denton Road property, site of Skidmore's solar farm, and several wooded properties to the north and west of campus. The campus master plan, the *2007 Campus Plan: A Vision for the Future*, itself due for revision soon, outlines some of the potential future development that could be undertaken on the main campus and adjacent areas.



Goal: Create a comprehensive lands management plan for our lands and grounds

Current progress: The Campus Sustainability Subcommittee continues to develop a comprehensive lands management plan for the College's undeveloped lands.

Recent Efforts

To encourage and practice better stewardship of our land, Skidmore:

- convened the Lands and Grounds Working Group to assess the College's undeveloped land;
- mapped points of interest and existing trails on the College's new land to gain a better understanding of the property and current uses;
- completed a new North Woods Field Guide;
- developed an internship to map, inventory, and monitor campus trees;
- mapped protected species in the North Woods and created a management plan to protect these valued communities;
- renewed its Tree Campus USA certification; and
- continued management and removal of several large communities of invasive species, including Japanese knotweed, burning bush, Japanese barberry, and garlic mustard.

Future Steps

To develop a comprehensive land management plan for our lands and grounds, we will:

- develop additional maps of Skidmore properties where needed;
- post signage to delineate Skidmore property boundaries;
- provide input to the campus master plan, although we recognize that the development of a new campus master plan is outside the purview of the CSS;
- engage various stakeholders in conversations about the recreational, academic, and operational potential of Skidmore's wooded parcels; and
- enhance student engagement, possibly in partnership with other organizations, including the New York State Department of Environmental Conservation, to implement the recommendations put forth in our stewardship plan.



Faculty and staff bike to work during national Bike to Work Day

Focus Area 5: Engagement

We must ensure that our community holds a deep understanding of sustainability, and that collectively we are aware of the progress already achieved on campus and beyond. We must strive to be recognized as an institution that values and practices sustainability in our daily operations and decision-making. While we already have 70 courses focused on sustainability, we will continue to offer new educational opportunities and increase our communication efforts to promote sustainability initiatives across campus and in the greater community.

Goal: Make sustainability an essential feature of Skidmore's identity and a value that is integrated into all aspects of the College

Recent Efforts

To enhance the education of our community and advance sustainability at Skidmore and beyond, Skidmore:

- organized over 120 community engagement opportunities, including campus events, volunteer opportunities, class lectures, and campus tours through the Sustainability Office;



- maintained its membership as a Leader in the Reforming the Energy Vision (REV) Campus Challenge;
- received a 94 out of 99 in Princeton Review's Green College's assessment;
- earned a position on Princeton Review's Top 50 Green Colleges list (listed at #34);
- received recognition in the Association for the Advancement of Sustainability in Higher Education's 2017 Sustainable Campus Index;
- enacted a sustainable procurement policy that guides purchasing decisions for office and janitorial paper, college electronics, fleet vehicles, and cleaning supplies;
- developed and installed our first campus sustainability dashboard in Case Center to provide a new pathway to explore campus sustainability efforts;
- presented at the Capital District Youth Climate Summit at the Hudson Valley Community College Tec-Smart facility;
- researched Socially Responsible Investment (SRI) and Environmental, Social, and Governance Investing (ESG) with the Responsible Investment Working Group, as charged by President Glotzbach;
- used the North Woods for living-learning labs for multiple disciplines;
- utilized the Community Garden for place-based environmental education and a long-term wasp research study led by a faculty member in the Biology department;
- organized a week-long campus residency with dancer/choreographer, Jodi Sperling, whose works include *Ice Cycle*, a performance expressing the fragility and dynamism of the Arctic; and
- hired 24 students in the Sustainability Office to lead campus programs and complete academic internships.

Future Steps

To ensure sustainability is an essential feature of Skidmore's identity, we will:

- engage key stakeholders across campus to develop key metrics for our Engagement goal;
- develop a designation for sustainability-focused and sustainability-related courses in the College course catalog;
- conduct a campus sustainability literacy assessment;
- conduct sustainability surveys within the greater community to assess the perception of Skidmore and its relationship to sustainability;
- integrate sustainability into student orientation;
- integrate sustainability into new employee orientation;
- design and implement creative communication materials for the College's sustainability projects and initiatives, including informative campus signage;
- identify methods to track community engagement and participation in sustainability; and
- identify methods to track how sustainability efforts have influenced the lives and decisions of our students after graduation.

In Conclusion

The *2017-2018 Campus Sustainability Annual Report* documents the very real progress the campus has made to date in achieving the commitments outlined in the *2015-2025 Campus Sustainability Plan*. It is important, and appropriate, that we celebrate these significant accomplishments and those in our community who championed them. Yet this report also highlights the somewhat unsettling fact that, with the implementation of several major projects (all of them begun some years ago) now complete, our rate of progress in many areas has slowed or even plateaued.

In the energy category, our solar array and small hydro facility, along with purchases of renewable energy, have allowed us to reach 40% renewable energy usage on campus. The way forward to achieving 60% renewable energy by 2025, however, is less clear. In recognition of this, Skidmore's Strategic Action Agenda (SAA) for 2018-2020 includes a goal to "make meaningful progress toward identifying a major renewable power project(s) or other pathway(s) that will enable us, when implemented, to achieve our 60% renewable power goal." (SAA)

Similarly, we are now obtaining 35% of our heating and cooling needs on campus from renewable sources, primarily by virtue of our investments in geothermal energy. We anticipate connecting our third district geothermal field to the new CIS building, but uncertain at this time how much of its heating and cooling needs geothermal will support, or whether there will be capacity available to connect the field to adjacent buildings, including Palamountain, Bolton, or Tisch Learning Center. Additional square footage on campus, including that provided by "temporary" buildings, may also serve to make our target of 60% renewable sources even more challenging. Similar challenges exist in reducing our GHG emissions.

Thanks to a variety of food initiatives, Skidmore achieved 10% sustainable food in 17-18. Yet, although efforts to procure additional quantities of sustainable food continue, financial support to allow the us to attain our ultimate sustainable food goal is uncertain. With this in mind, Dining Services has committed to address a Strategic Action Agenda item to "make meaningful progress toward developing an agreed-upon pathway for achieving our 25% sustainable food goal" by 2025.

Finally, we recognize Skidmore's unambiguous goal of making sustainability an essential feature of its identity and a value that is integrated into all aspects of the College (The Plan for Skidmore, p. 25). The strategic plan further notes that "Positioning sustainability more prominently in our decision-making will continue to transform our physical campus into one that immerses all of our students, staff, and faculty members in a living and learning environment characterized by practices that embody institutional values." In recognition of this important challenge and the need to put "flesh on the bone" of our attempts to make sustainability an essential element of all of our decisions, Skidmore's Strategic Action Agenda includes an action item to:

Work with key stakeholders in responsible functional areas to give tangible shape to Goal 5 of the Campus Sustainability Plan ("Engagement") by developing key metrics, agreeing on primary responsibilities, and identifying actionable steps to achieve our vision of a campus that embraces the principles of sustainability in both our strategic and operational decision-making. [Year 1]

We are pleased to report, in the foregoing, on the impressive strides that we have made as a community in support of sustainability, but we must also recognize that there is much more to be done. We look forward to working with everyone in this community in support of this good work.

Appendix A: Comparison of GHG Emissions

Table 1 below shows the difference in Skidmore’s scope 1 and 2 GHG emissions when recalculated using revised emissions factors and while using the World Resources Institute’s updated GHG Reporting Protocol. Note the baseline GHG emissions (2000) is reduced by over 3,000 metric tons carbon dioxide equivalent (MTCDE).

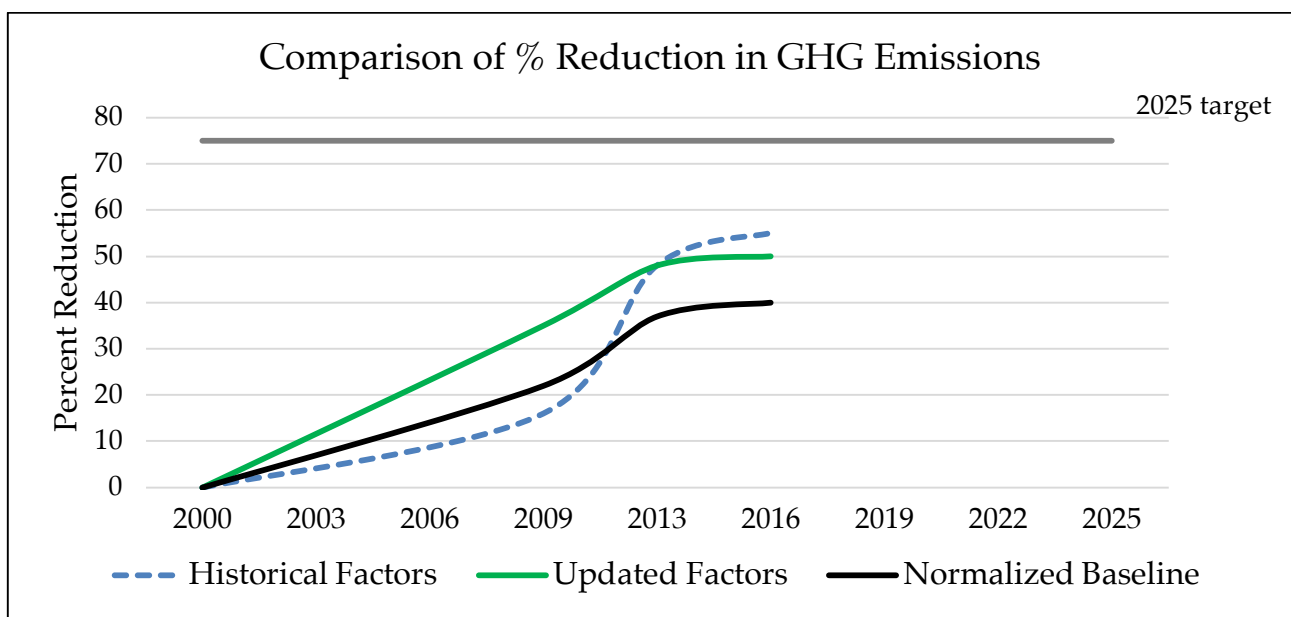
Table A1

		Scope 1	Scope 2	Scope 1 + 2
2000	<i>Previous</i>	13861	6976	20,837
	Updated	9098.86	8138.11	17,237
2009	<i>Previous</i>	8278	9203	17,481
	Updated	8339.77	5018.9	13,359
2013	<i>Previous</i>	6167	5719	11,886
	Updated	6164.4	4691.37	10,856
2016	<i>Previous</i>	5321.9	2934	8,256
	Updated	5339.91	4986.46	10,326

Emissions reported in MTCDE

Figure 1 illustrates the changes in our trajectory toward our 2025 GHG reduction goal. “Historical Factors” represents the percent reduction in scope 1+2 GHG emissions using historic emissions factors and without normalizing our baseline emissions figure. “Updated Factors” represents the percent reduction in scope 1+2 GHG emissions using updated emissions factors without normalizing our baseline emissions figure. “Normalized Baseline” represents Skidmore’s percent reduction in scope 1+2 GHG emissions using updated emissions factors while also using a normalized baseline figure.

Figure A1. GHG reduction trends using three different assessment approaches.



Appendix B: Sustainability infographic

Skidmore College Campus Sustainability Plan 2017-2018 Annual Report

Energy

40% electricity from renewables [goal is 60%]
35% heating & cooling from renewable sources [goal is 60%]
40% reduction in our GHG emissions [goal is 75%; baseline is 2000]
53% reduction in heating and cooling energy per student and **56%** per sq.ft. [goal is 60%]
1.1% increase in electricity/student and **13%** reduction in electricity/sq.ft. [goal is to maintain]

Food

10% food purchases in Dining Service meet sustainable food criteria [goal is 25%]

Waste

34% diversion rate in routine operations [goal is 60%]

Lands & Grounds

This year we developed an internship to map and monitor trees, as we work towards our goal to create a comprehensive lands management plan

Engagement

120 community engagement opportunities were organized by the Sustainability Office, including tours, volunteer opportunities, and events



www.skidmore.edu/sustainability/plan.php