Chartered bus travel	Bus company usage and mileage report
Student travel to and from home to Skidmore	Commuting survey results were extrapolated to create an emission average for the student population
Study abroad travel	Office of Off-Campus Study & Exchanges reports
Solid waste	Waste hauler bills
Waste water	City water bills
Paper use	Reports received from Print Services. This report excludes WB Mason purchases due to limited access to data.

Scope 3 emissions are an optional reporting category; extrapolation of some data to make estimates for the community was required.

In October 2017, 32% of Skidmore faculty and staff and about

Figure I. Scope emission summary showing total institutional GHG emissions of approximately 17,356 MTCDE for Fiscal Y

Discussion

There is an uneven distribution between Scope 1, 2, and 3 emissions: 34, 13, and 53 percent, respectively. Compared to the 2016 GHG Inventory, there was a 9% increase in Scope 1 emissions, a 43% reduction in Scope 2 emissions, and a 3% reduction in Scope 3 emissions

Scope 1 Emissions

Skidmore released 5,845 MTCDE in Scope 1 emissions (34%). increased 15% (about 14,000 MMBTU) compared to 2016. This increase in consumption is the primary cause for our overall increase in Scope 1 emissions. In addition to natural gas, Skidmore consumed more propane (3,014 gallons), gasoline (1,335 gallons), and distillate oil (306 gallons) in 2019 when compared to 2016. These increases were partially offset by reductions in fugitive refrigerants (104-kg reduction), diesel (6,620-gallon reduction) and fertilizer use (800-pound nitrogen reduction). Other changes in Scope 1 sources, such as emissions from animal husbandry, were negligible.

Scope 2 Emissions

managers weigh and record all collected food waste weekly. Our dining hall composting program diverted 56 short tons of pre-consumer food waste. At this time, pre-consumer dining hall food waste is collected and composted by Natural Upcycling. Data for the dining hall composting program is provided to Skidmore in the form of monthly bills.

Tracking progress toward 2025 GHG Reduction Goal

While standardized platforms exist to compare GHG emissions between institutions, Skidmore is more focused on comparing our progress against our 2000 baseline GHG Inventory. Our GHG reduction efforts are guided by the *2015-2025 Campus Sustainability Plan* Energy Goal 3: to reduce Scope 1 and 2 GHG emissions by 75% by 2025. A comparison of current emissions to our 2000 emissions levels show a 52%ed