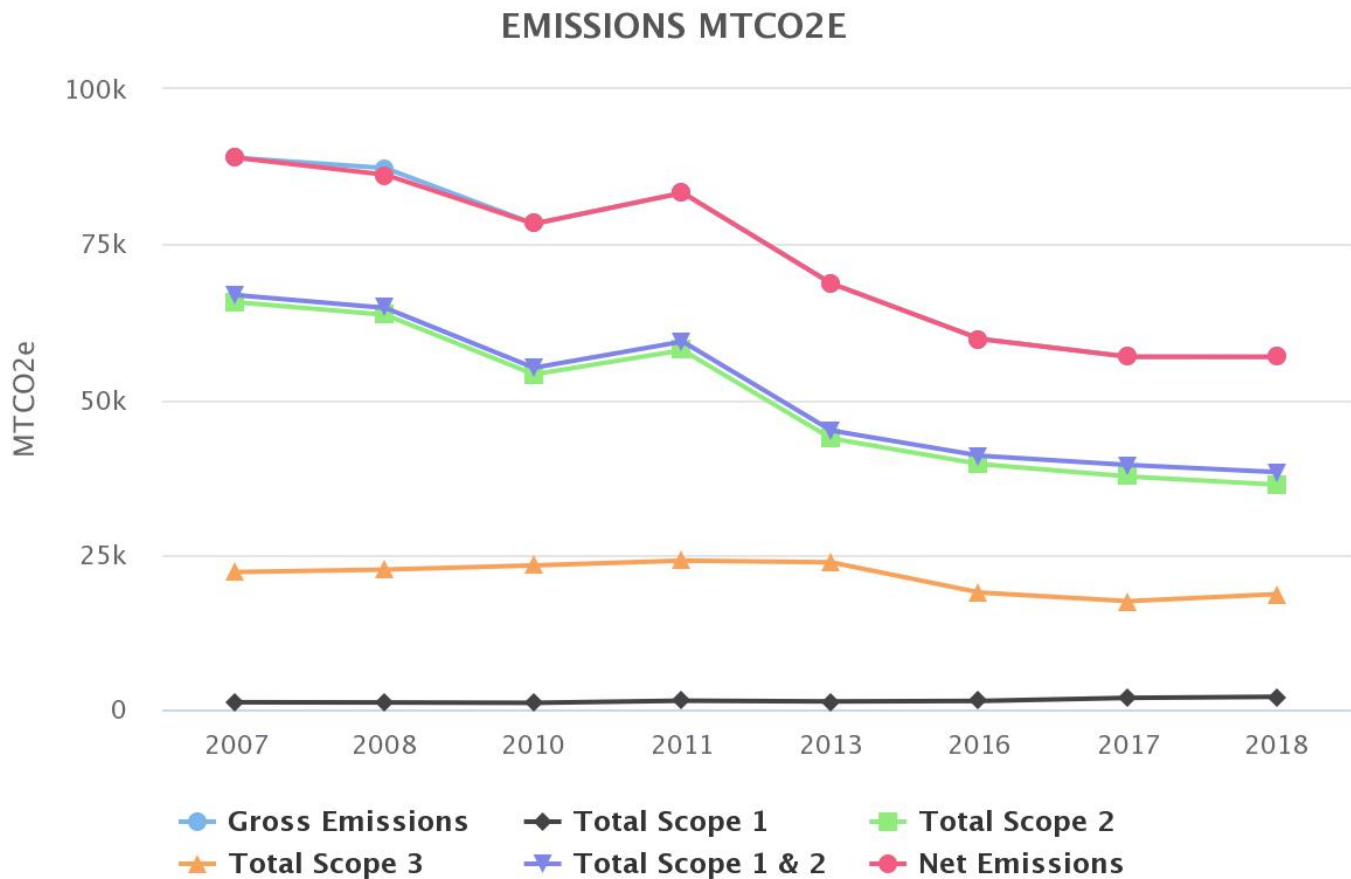


# Greenhouse Gas Emissions Inventory FY2018

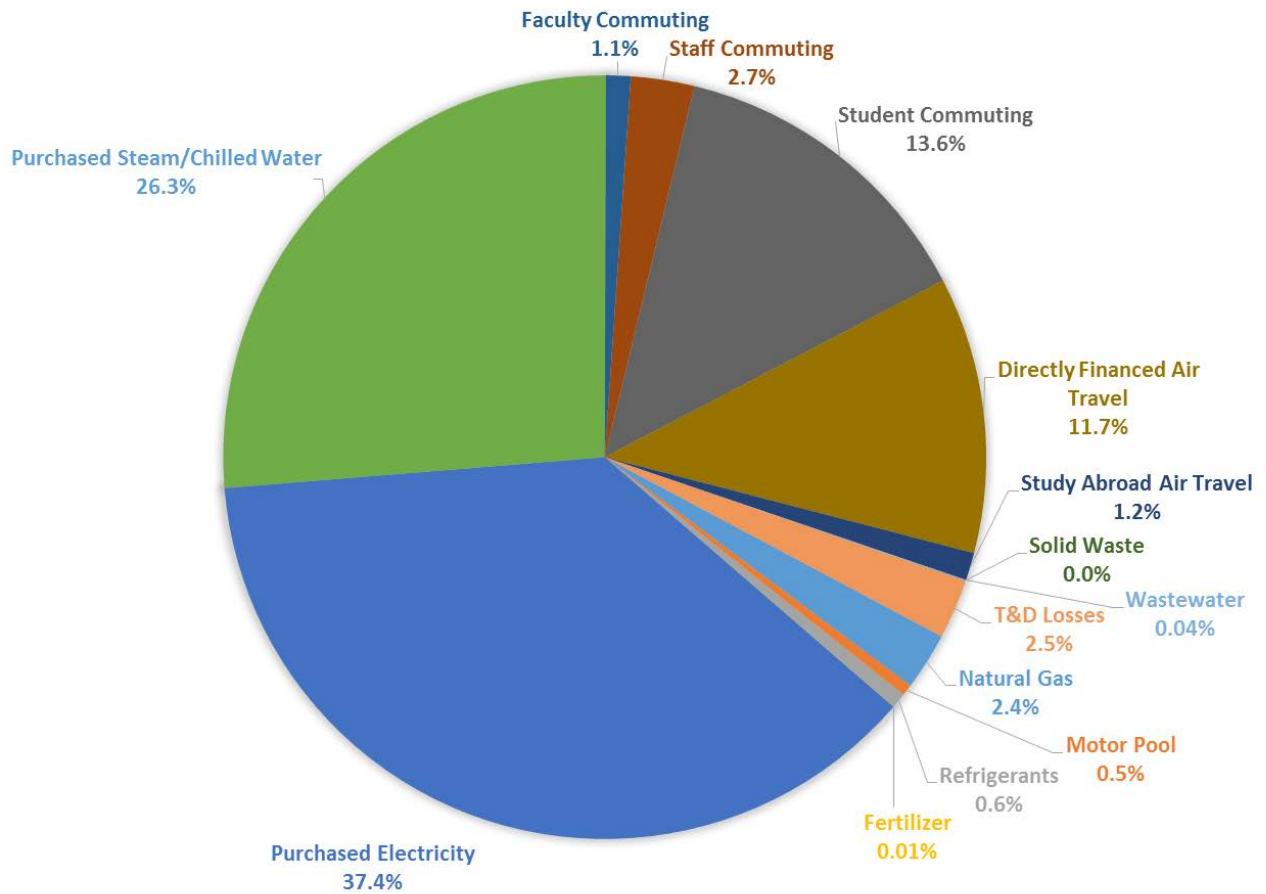
In FY2018, CSU emitted 56,849 metric tons of carbon dioxide equivalent (MTCO<sub>2</sub>e). Since 2007, we have reduced our campus carbon footprint by 32,097 MTCO<sub>2</sub>e, representing a **36% reduction** in greenhouse gas emissions. This was achieved through energy efficiency projects, procurement of green power, and our district steam provider's transition from coal to natural gas.



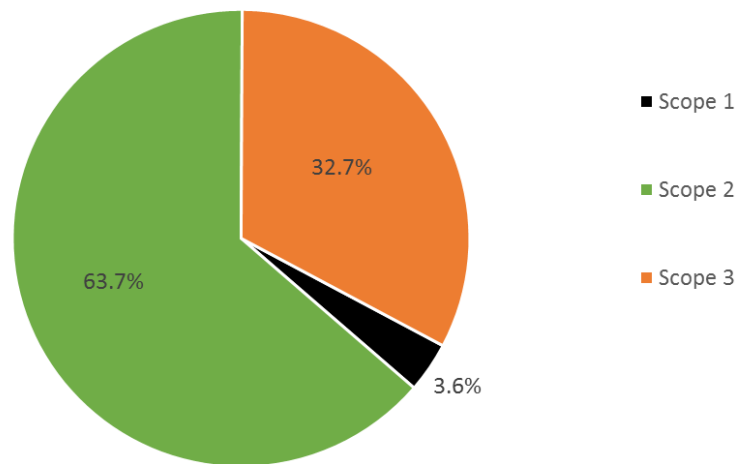
- Scope 1 emissions:** on-campus fuel combustion (natural gas), transport fuels, fertilizers and refrigerants
- Scope 2 emissions:** off-campus combustion of fuels for purchased electricity, steam, and chilled water
- Scope 3 emissions:** air travel, commuting, waste, wastewater, and transmission and distribution (T&D) losses associated with Scope 2 emissions
- Gross emissions:** total emissions produced through CSU's buildings and operations
- Net emissions:** total campus emissions minus any investments the university makes in carbon offsets

Results are displayed in metric tons of carbon dioxide equivalent (MtCO<sub>2</sub>e).

### CSU - GREENHOUSE GAS EMISSIONS BY SOURCE - FY2018



### CSU - GREENHOUSE GAS EMISSIONS BY SCOPE - FY2018



This report was completed using [SIMAP](#), a carbon and nitrogen-accounting platform that tracks and analyzes campus wide emissions in the higher education sector.

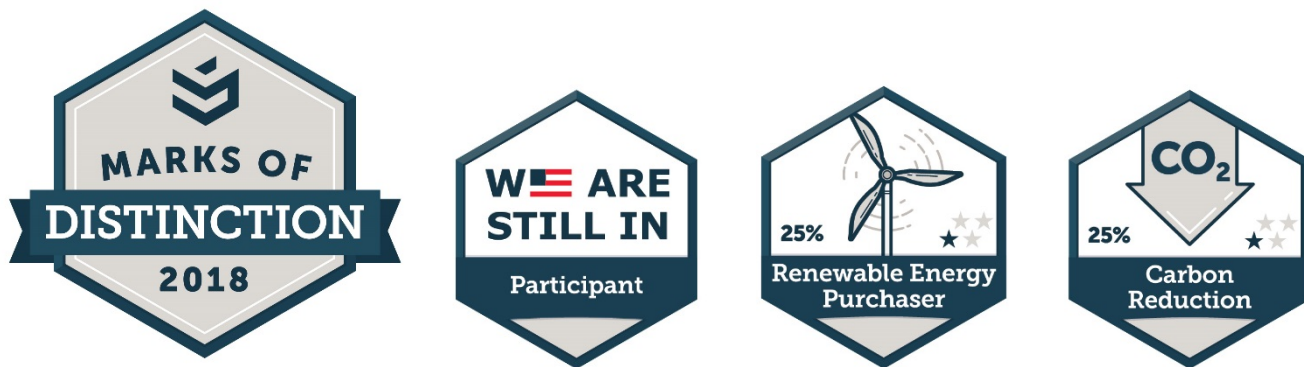
The greenhouse gas emissions inventory reporting platform can be found at the [Second Nature CSU Dashboard](#).

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## Climate Action Planning

CSU became a signatory to the Presidents' Climate Leadership Commitment in 2011. Our Carbon Commitment focuses on reducing the emissions of harmful greenhouse gases and mitigating our contribution to climate change.

In November 2018, CSU received three Marks of Distinction from the Climate Leadership Network. One for our 25% Carbon Reduction achievement, one for purchasing over 25% renewable energy, and one for being a 'We Are Still In' Participant.



The Presidents' Climate Leadership Commitment requires each signatory to develop or update a campus Climate Action Plan every five years. A CSU Climate Action and Sustainability Plan is currently being developed in collaboration with campus stakeholders. This Plan will set targets for emissions reductions, energy efficiency and renewable power.

Jennifer McMillin  
Director of Sustainability, CSU  
May 1, 2019