

Pennsylvania Carbon Goals (Jan 2019)

Governor Wolf Establishes First Statewide Goal to Reduce Carbon Pollution in Pennsylvania January 08, 2019





DA - Governor To m Wolf ann ounced that he has signed a new executive wide goal to reduce carbon pollution in Pennsylvania, which is contributing to climate change. The first state executive order also establishes the GreenGov Council to boost green and sustainable practices in state government to help achieve the goals set in the executive order, while saving taxpayers money and creating jobs in the state's clean energy econ

- Below 2005 levels,
 - 26% reduction of greenhouse gas emissions by 2025
 - 80% reduction by 2050
- Reduce energy consumption 3% per year, and 21% by 2025
- Replace 25% of state passenger car fleet with battery electric and plug-in electric hybrid cars by 2025.
- Procure renewable energy to offset at least 40% of Commonwealth's annual electricity use.









Carbon Commitment Committee

As part of our commitment to achieve carbon neutrality on our Pittsburgh campus by 2037, the University of Pittsburgh is creating a Carbon **Commitment Committee.**

- The Committee's goals are to:
 - · Hone, design, and manage the University's plan to achieve its carbon neutrality goal by 2037.
 - Develop of a Pitt Climate Action Plan to achieve carbon neutrality.
 - Annually evaluate progress towards carbon neutral goal and submit progress evaluations.
 - Develop operational, curricular, research, and community engagement strategies related to carbon neutrality.
 - Celebrate accomplishments and performance.
 - (Re)focus on existing and emerging areas of GHG emissions reduction opportunity.



13

```
The University
of Pittsburgh will be
Carbon Neutral
by 2037.
http://pi.tt/2037
```

MEMBERS

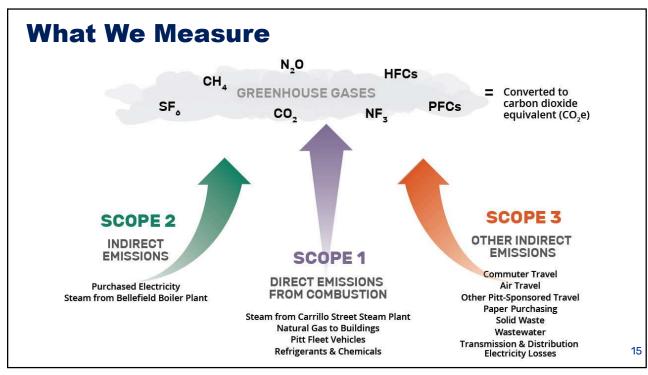
- CHAIR: Dr. Aurora Sharrard, Director of Sustainability, Office of Sustainability Joshua Ash, PhD Candidate, Graduate School of Public and International Affairs
- Jennifer Barnes, Supplier Diversity & Sustainability Coordinator, Purchasing
- Scott Bernotas, Vice Chancellor, Office of Facilities Management
- Dr. Melissa Bilec, Co-Director, Mascaro Center for Sustainable Innovation; Professor, Civil and Environmental Engineering Federica Geremicca, PhD Candidate, Civil and Environmental Engineering Dustin Gray, Executive Associate Athletic Director for Administration, Athletics

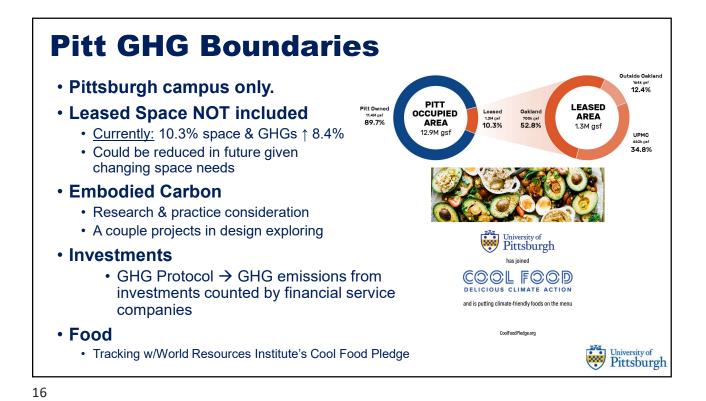
- Dr. Michael Holland, Vice Chancellor for Science Policy and Research Strategies, Office the Senior Vice Chancellor for Research
- Mary Beth McGrew, Vice Chancellor, Planning, Design, and Real Estate
- Rebecca Roadman, Chief of Staff, Business and Operations
- Annie Ryan, Undergraduate Student, Environmental Science, '23

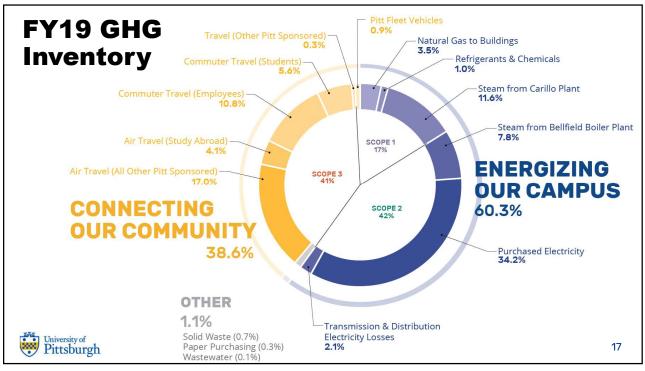
PAST MEMBERS (2020-21)

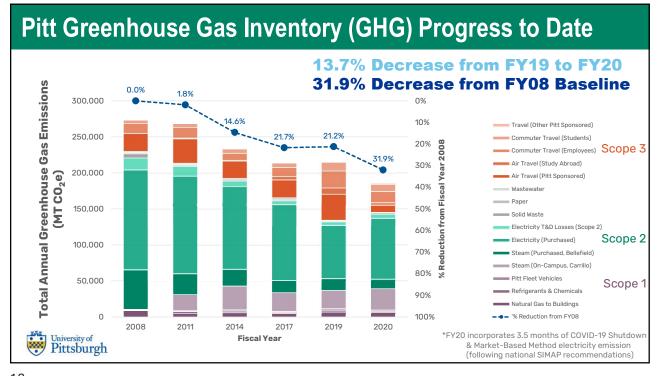
- Dr. Max Harleman, Alum, Graduate School of Public and International Affairs (GSPIA '21)
- Dr. Katrina Kelly-Pitou, Former Assistant Research Professor, Electrical and Computer Engineering
- Ellen Oordt, Undergraduate Student, Ecology and Evolution, '22

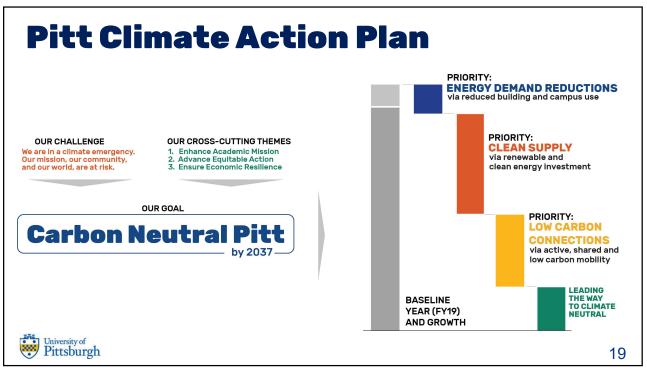


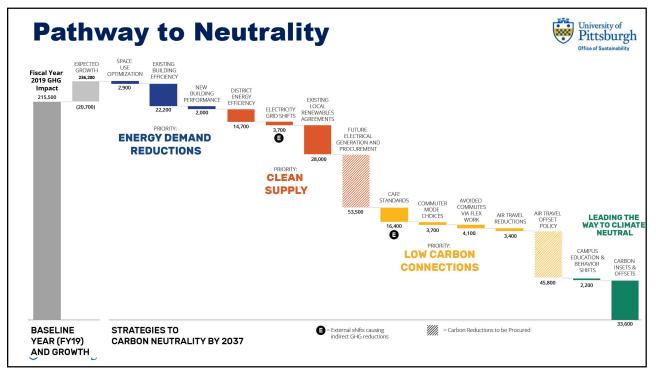


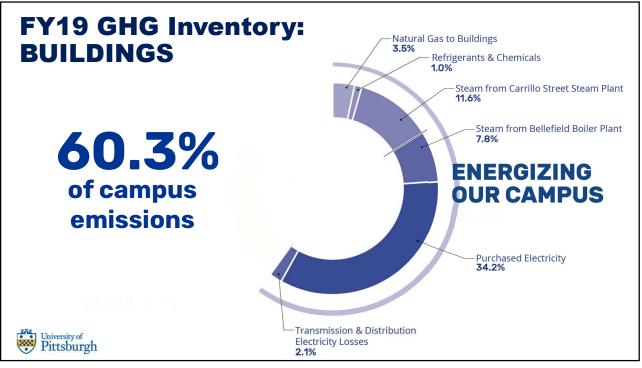


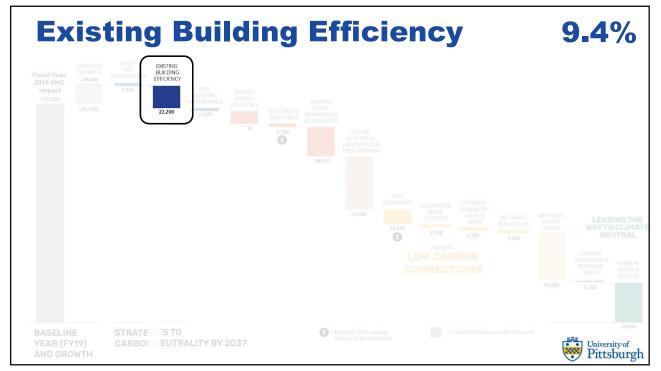




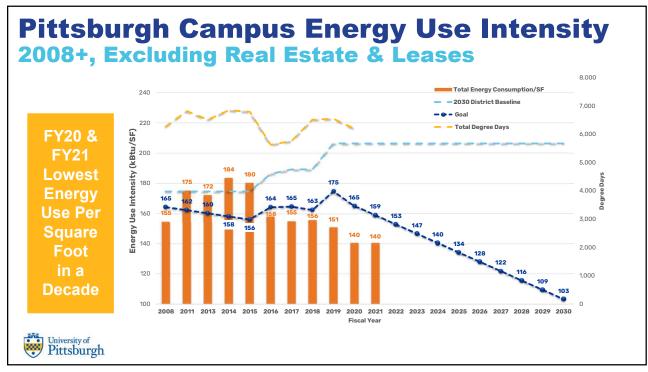


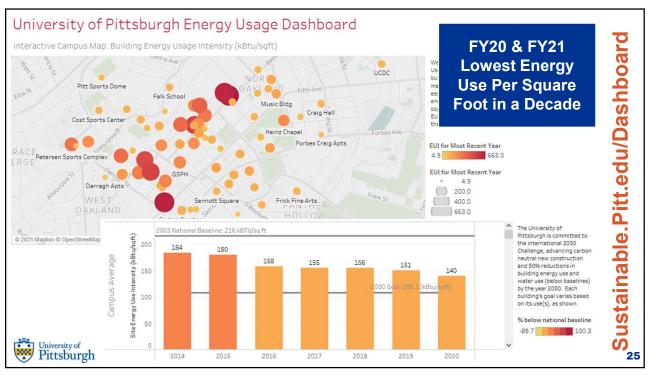












25

Pitt Green Buildings (2005 - present)

• 16 LEED certified projects

• 11+ current & recent projects pursuing LEED certification

• LEED Gold

- Chevron Science Center Annex (2013)
- McGowan Institute for Regenerative Medicine (2005)
- Mascaro Center for Sustainable Innovation (2012)
- Benedum Hall Phase I Renovations (2011)
- Biomedical Science Tower 12th Floor Renovation (2013)
- University of Pittsburgh at Greensburg, Cassell Hall (2014)

LEED Silver

- Benedum Hall Phase 2a Renovation (2016)
- Clapp Hall Renovation (2020)
- School of Public Health Renovations (2021)
- Mark A. Nordenberg Hall (2014)
- Mid-Campus Research Complex Nuclear Physics Laboratory Renovation (2014)
- Salk Hall Pavilion (2016)
- University of Pittsburgh at Johnstown, Nursing and Health Sciences Building (2015)
- University of Pittsburgh at Bradford, Livingston Alexander House (2020)

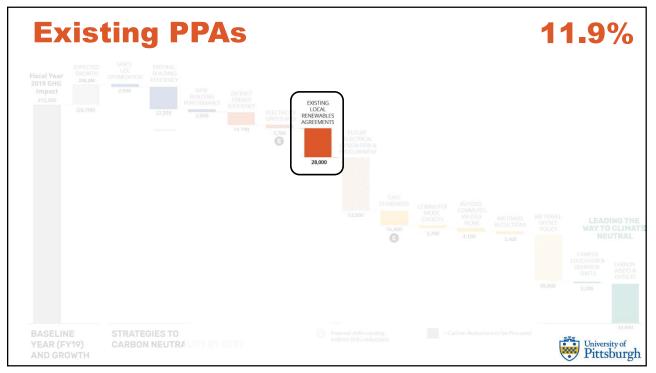
LEED Certified

- School of Public Health Addition (2018)
- University of Pittsburgh at Johnstown, John P. Murtha Center for Service (2022)

*

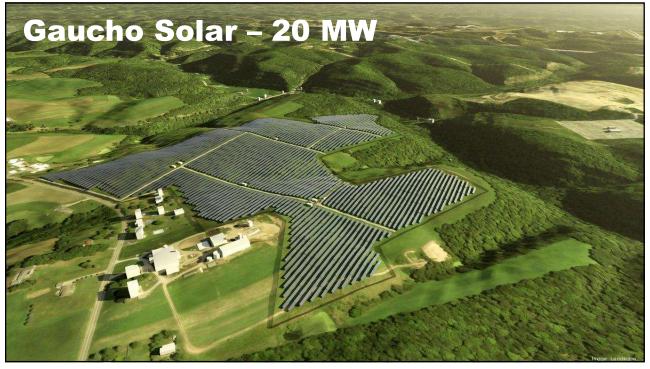
University of Pittsburgh

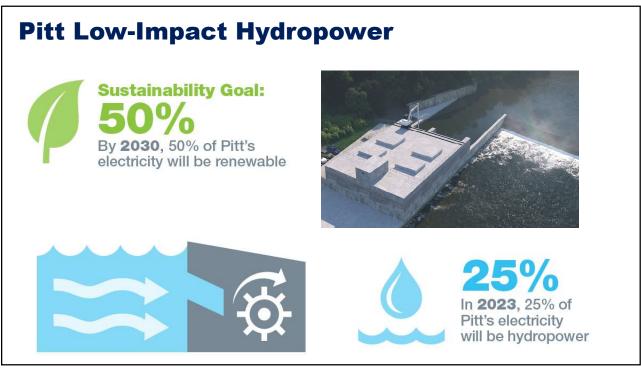


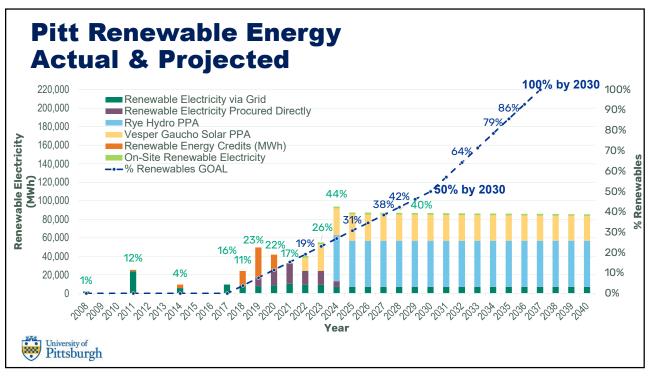


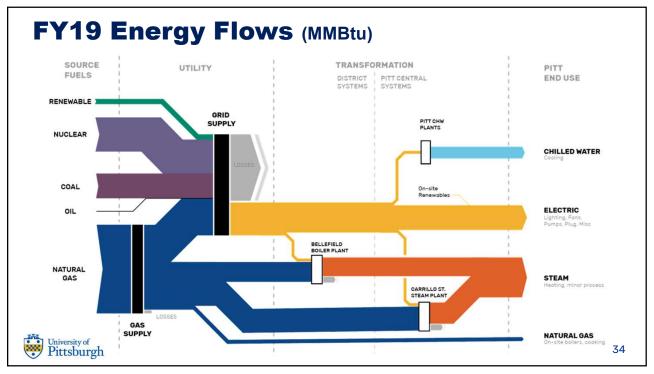


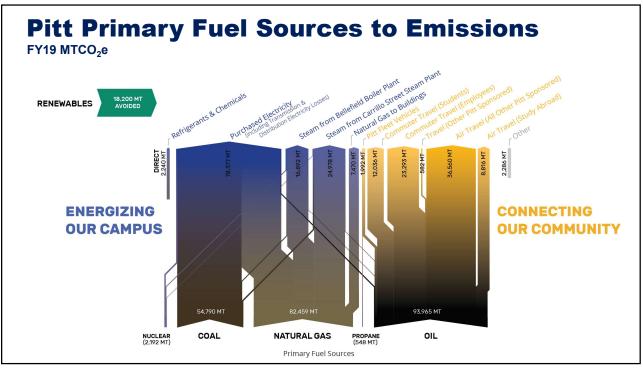






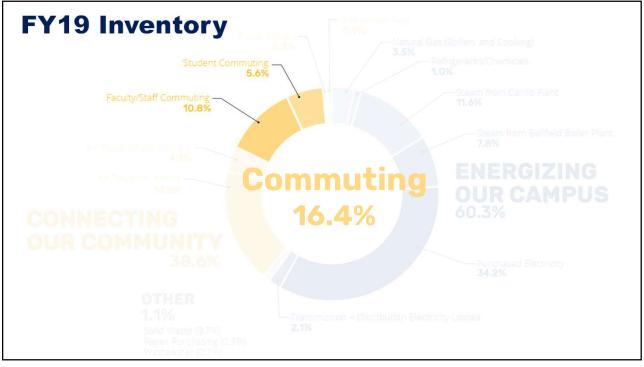




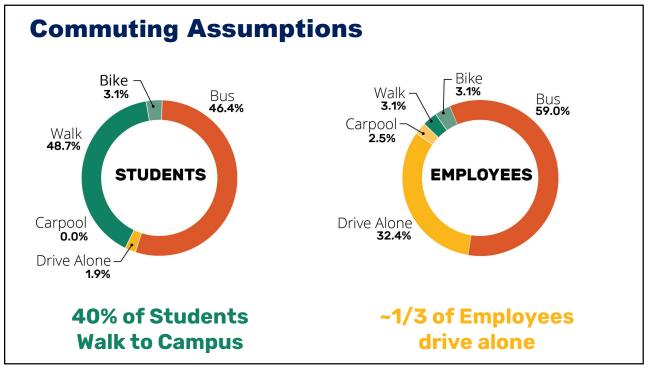


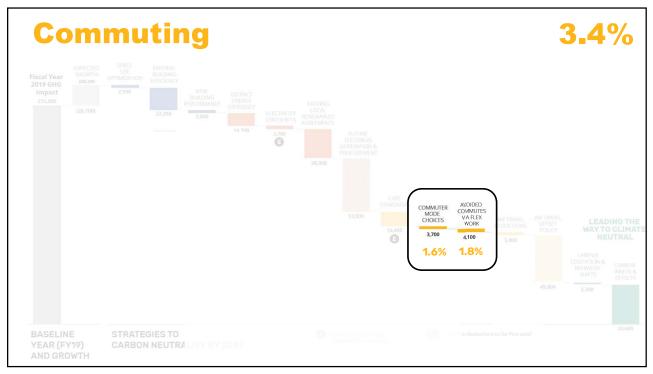


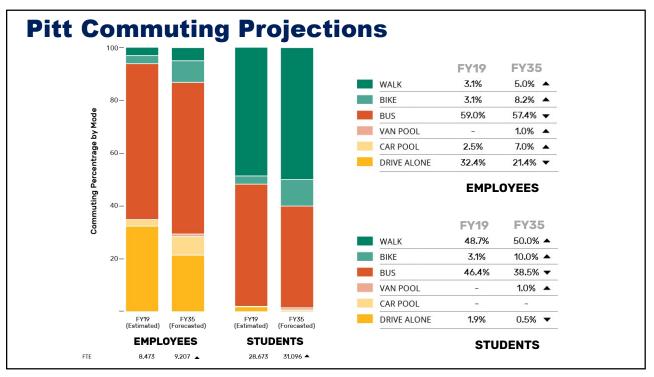




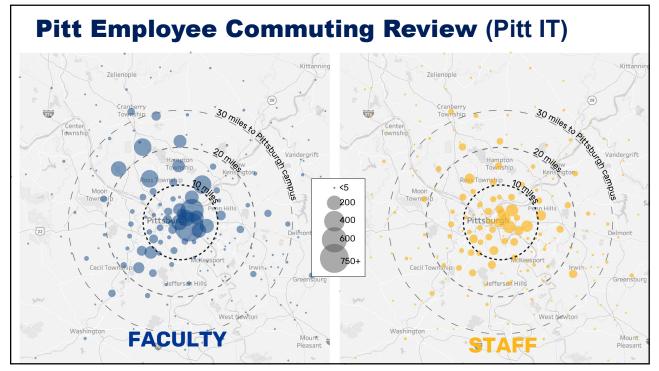


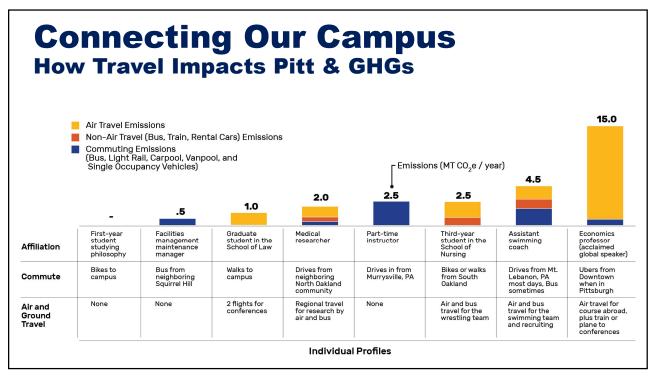


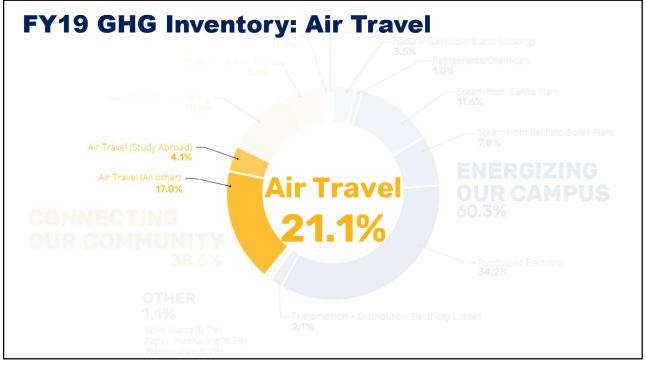


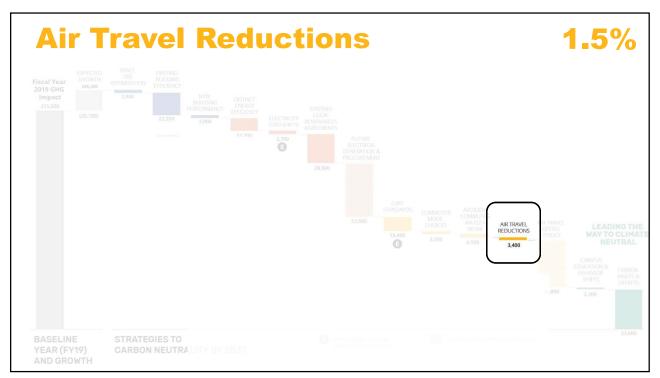








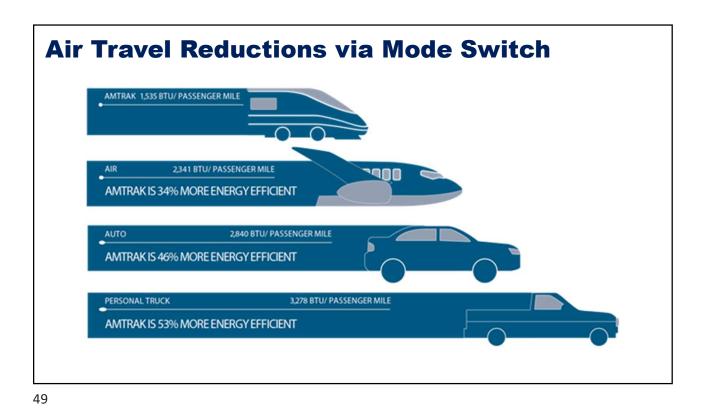




Air Travel Reductions

In FY19, Pitt faculty and staff purchased \$11,769,526 worth of *air travel*, and traveled an estimated 303,572 *land* miles, resulting in total emissions of 37,142 MT CO₂e. From FY17 to FY19, land miles increased by about 8% from FY17 to FY19, a total of 21,899 miles. In all of the previous inventories, the air

- Core to academic, research, and athletic success.
- Some minor reductions possible
 - ~1.5% reductions
- Increased proportionally with FTE



<figure><figure>



