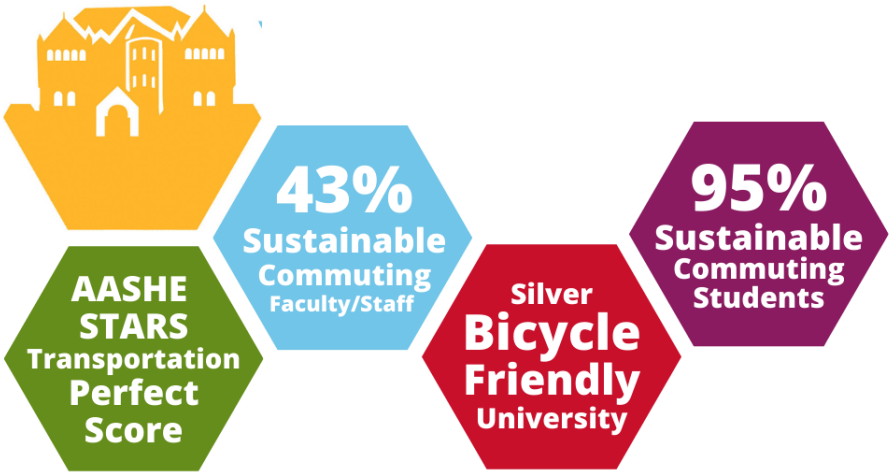
Macalester Sustainability Office

TRANSPORTATION



Transportation for Climate Neutrality

The transportation sector creates the largest share of greenhouse gas emissions in the United States at 28.9%. Combustion of petroleum-based fossil fuels releases CO2, small amounts of methane, and NO2 - the latter two being the most potent. At Macalester, transportation emissions are one of the top three greenhouse gas emissions sources, making it an important hurdle for the Carbon Neutral by 2025 goal. Transportation emissions include airline travel and commuting by staff and students.

By the Numbers

- **95% of students** use sustainable transportation as of 2017. This is due to Mac's **urban location**, **limited parking**, and the vast majority of students **living on or near campus**.
- **43% of faculty and staff** use sustainable transportation to get to campus as of 2017 - increased from 2014 (35%) and 2011 (33%). About **25% walk or bicycle** , 10% carpool, 4% use public transit, 2% use a motorcycle or scooter, and 2% telecommute more than half of their work hours.
- **Perfect score** in the Association for the Advancement of Sustainability in Higher Education (AASHE) STAR's **Support for Sustainable Transportation** category as of 2017.

MACALESTER

Awards

- **Mansergh-Stuessy Fund - 2019:** Saint Paul Foundation grant funded urban **tree planting offset** project, development of **educational material**, and **staff training**.
- **League of American Bicyclists - 2016:** Silver Bicycle Friendly University.
- **eWorkplace - 2011:** Exceeding Expectation for Advancing Telework in the Twin Cities.
- **Commuter Choice - 2010:** Award for Excellence.
- **Twin Cities Bike Walk Week - 2008:** Workplace Team Champions.

Programs

- **Subsidized Public Transit Go To cards:** Students and employees get a **50% discount** - program started in 2007 as part of the Carbon Leadership Commitment.
- **Bike share:** Bikes available for **free** check out from the library.
- **Twin Cities ZAP Reader:** Community member **incentives for bicycling.**
- **MacBike:** Student run **bike repair shop** supports student and employees.
- **Electric Vehicle Charging stations:** First college in Minnesota to install a quick charger station. All electric vehicle charging stations are powered by Xcel Energy **wind source** energy.
- **Carpool parking:** Reserved parking spaces for **low-emitting vehicles** and carpools.
- **Alternative commuter coffee breaks:** The Sustainability Office buys coffee to support low carbon commuters.
- **eWorkplace telecommuting:** A 2010 pilot project resulted in boosted productivity and streamlined workflow. Several staff continue to telecommute.
- **Airline travel:** Students learn about **reducing travel emissions** from the Study Away Office at pre-departure events and on the Study Away website.
- **Tree planting events:** Study away returnees learn to **offset travel emissions**.