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CLIMATE
ACTION

SDG 13: CLIMATE ACTION

Climate Research

Multiple projects reducing emissions through:

1. Clean energy generation (wave, hydrogen)
2. Efficient transportation (drones, e-bikes)
3. Waste reduction and recycling
 - Awareness Emailer on how to recycle was sent out on Global Recycling Day
 - An Envirotrivia theme on recycling that received 105 responses and had 1 winner
 - Revamped our Recycling bins with new and attractive icons for our community to better understand how to sort their waste
4. Sustainable materials and construction

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15 LIFE ON LAND



CO2 EMISSIONS OF KU FROM TRANSPORTATION

KU Community Commute Stats (from KU buses) & CO2 Emission survey

Fuel from Contractor Transportation:

In 2024, a total of 458,234.19 litres of fuel was used by our contractor for KU community commute between campuses and other services. This translates to 1,053,959.34 kg of CO2 (using the UK emission factor for gasoline of 2.3kg of CO2 per Liter)

Private Transportation Community Survey:

A transportation survey was conducted among KU community to gauge the amount of CO2 emitted in 2024 from their personal commute from home to the workplace. The survey received 403 responses with an average of 1,95tCO2 per year per stakeholder from the total of 785.5tCO2

If we assume the same average of 1.95 tCO2 per stakeholder for all KU community (5,426 stakeholders) then 10,580.7 tCO2 was emitted in 2024 from private transportation