

# UW 2022 Tri-Campus Greenhouse Gas Emissions Inventory

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UW Sustainability Office  
December 6, 2023

***BE BOUNDLESS***



# Intro to UW Sustainability Office (Seattle Campus)



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*Director*



**Daimon Eklund**  
*Communications  
Manager*



**Open Position**  
*CSF Program  
Manager*








**Marilyn  
Ostergren**  
*Energy &  
Sustainability  
Specialist*



**New Position**  
*Sustainability  
Planning & Policy  
Specialist*



**New Position**  
*Sustainability  
Project &  
Engagement  
Specialist*

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UNIVERSITY of WASHINGTON

# **UW 2022 GHG Inventory**

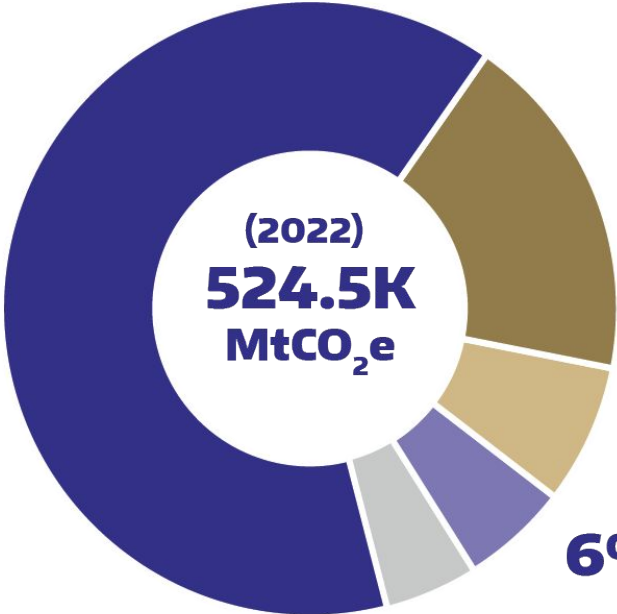
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- > UW's first public-facing GHG Inventory since 2005
- > First time that UW has inventoried 'Goods and Services' purchased
- > Includes all three campuses as well as UW major medical facilities
- > This 2022 Inventory is important information for updating UW's Sustainability Action Plan (kick-off in fall 2024) and for UW's Zero Carbon Roadmap (in-progress)
- > *You can't manage what you don't measure!*



# GREENHOUSE GAS (GHG) EMISSIONS

**64%**  
GOODS &  
SERVICES



(2022)  
**524.5K**  
MtCO<sub>2</sub>e



**18%** FOSSIL FUEL CONSUMPTION  
IN BUILDINGS

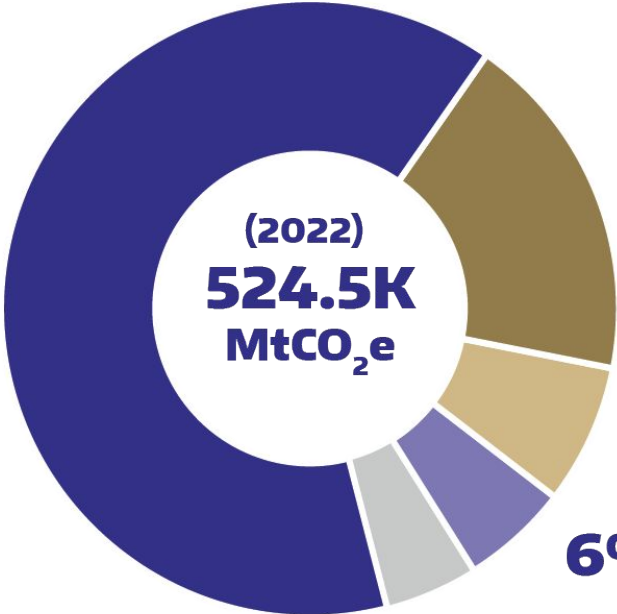
**7%** AIR TRAVEL 

**6%** COMMUTING  

**5%** OTHER

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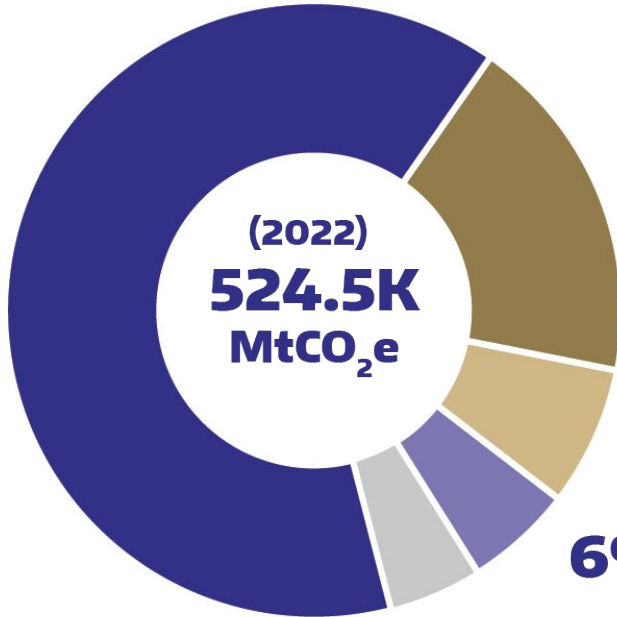
**6%** COMMUTING  

**5%** OTHER

**e** = equivalent

# GREENHOUSE GAS (GHG) EMISSIONS

**64%**  
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**18%** FOSSIL FUEL CONSUMPTION  
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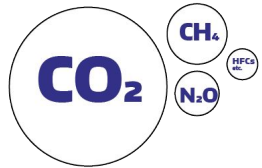
**7%** AIR TRAVEL



**6%** COMMUTING



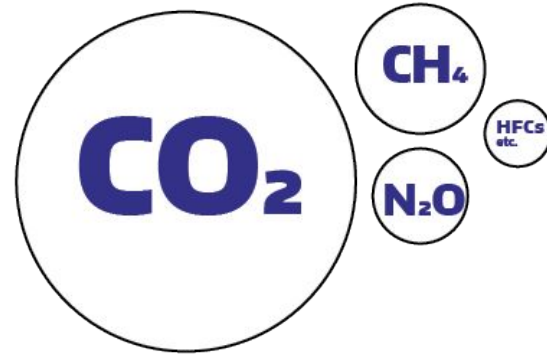
**5%** OTHER



**e** = equivalent

# GREENHOUSE GAS (GHG) EMISSIONS

**Greenhouse Gases:**  
gases that contribute to global warming via the “Greenhouse Gas Effect”



# GREENHOUSE GAS (GHG) EMISSIONS

SCOPE  
**2** ELECTRICITY  
GENERATION  
EMISSIONS



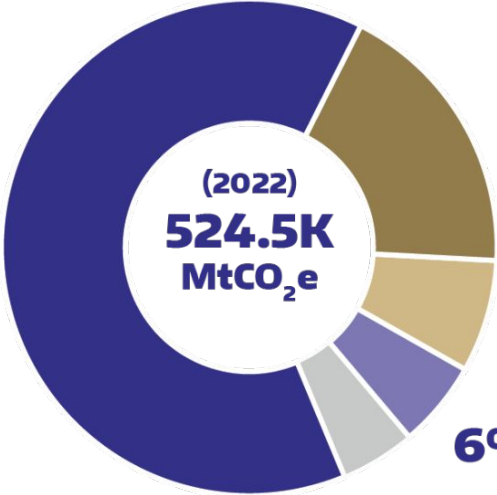
SCOPE  
**3** INDIRECT  
EMISSIONS





# GREENHOUSE GAS (GHG) EMISSIONS

**64%**  
GOODS &  
SERVICES



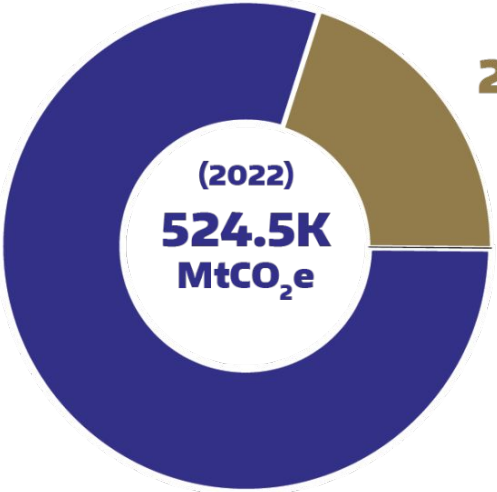
**18%**  
FOSSIL FUEL CONSUMPTION  
IN BUILDINGS

**7%** AIR TRAVEL

**6%** COMMUTING

**5%** OTHER

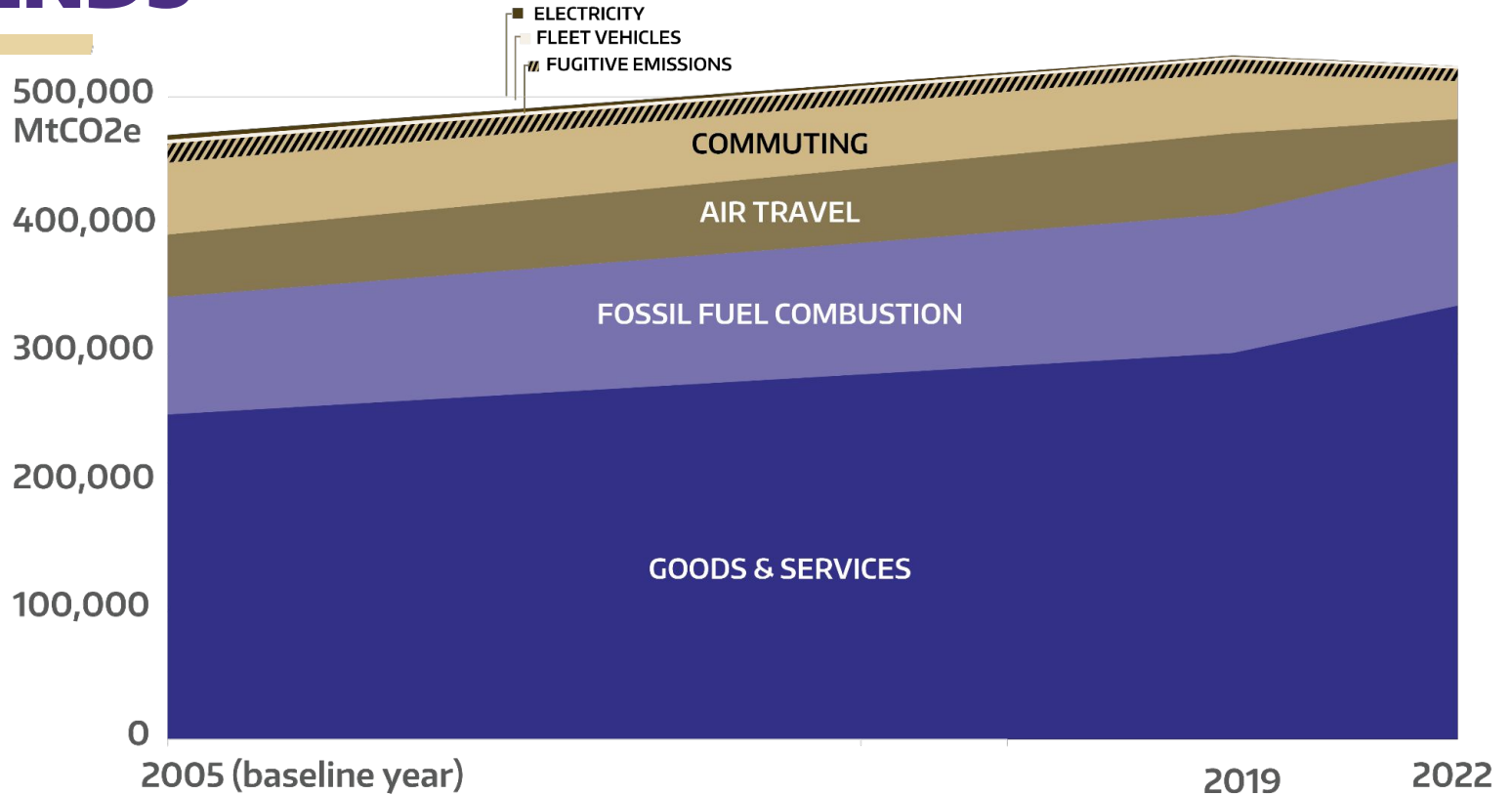
**80%**  
SCOPE 3



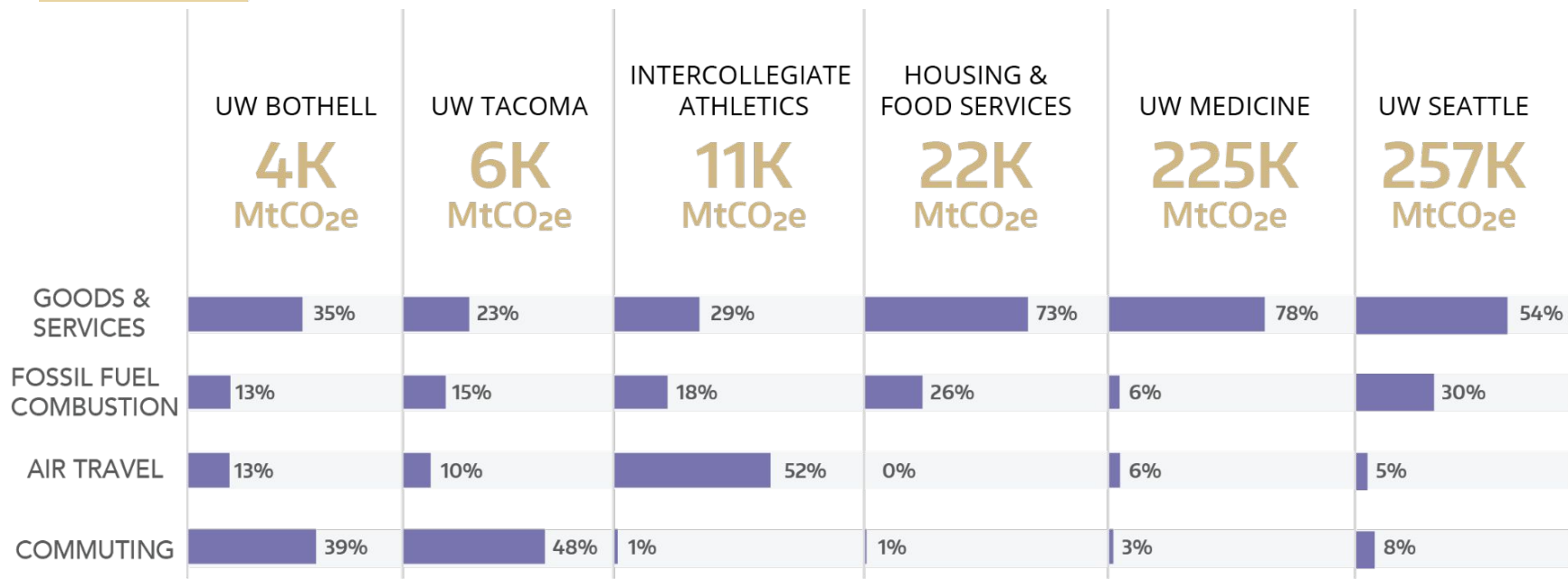
**20%**  
SCOPE 1

**<1%**  
SCOPE 2

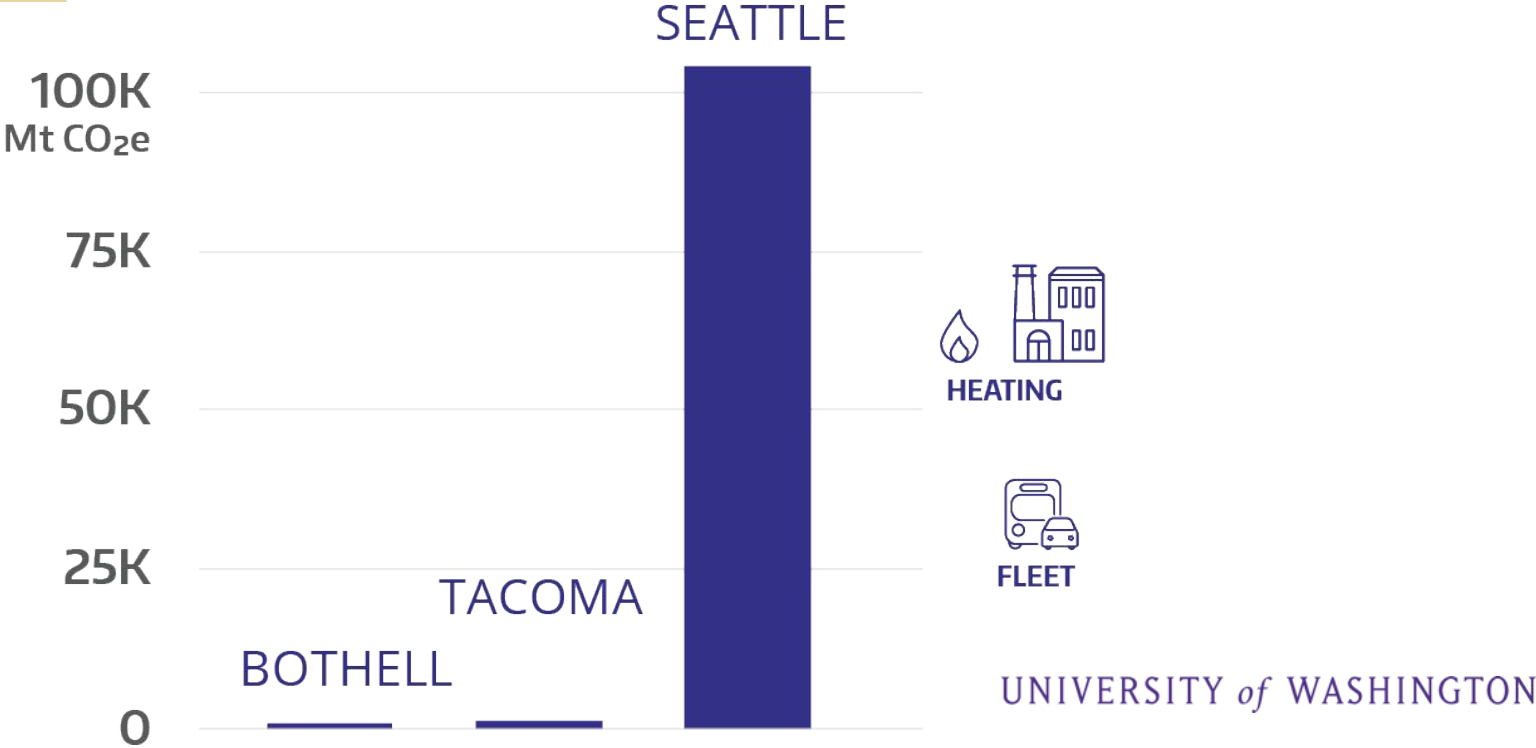
# TRENDS



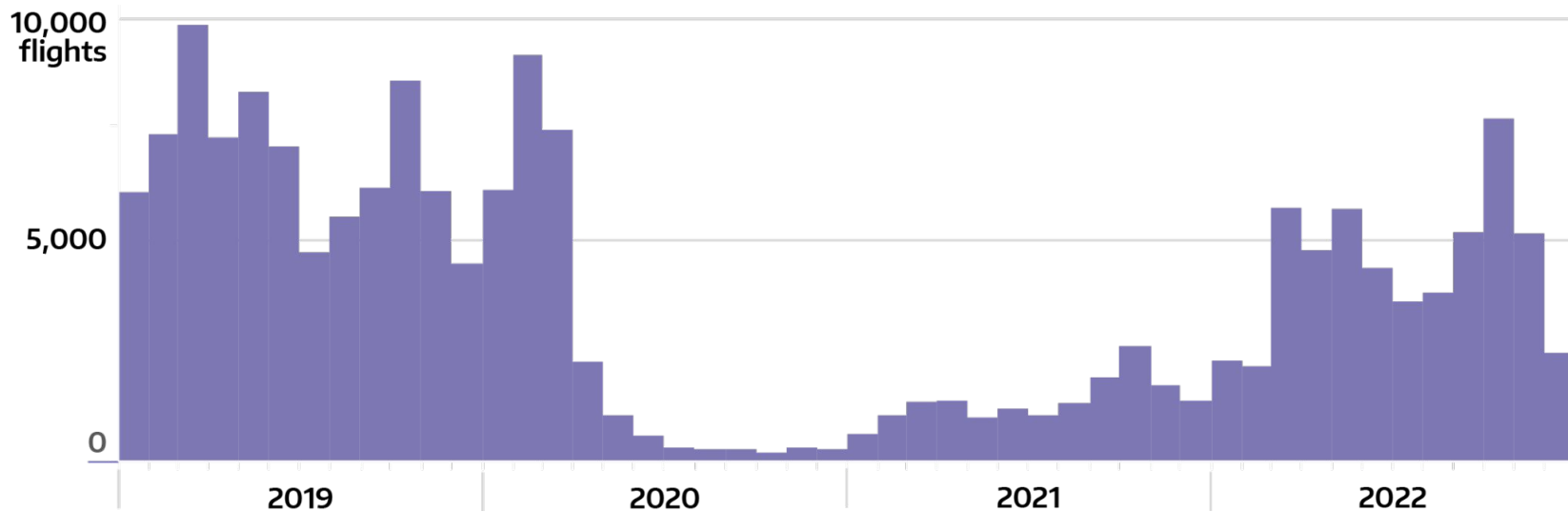
# PROFILES



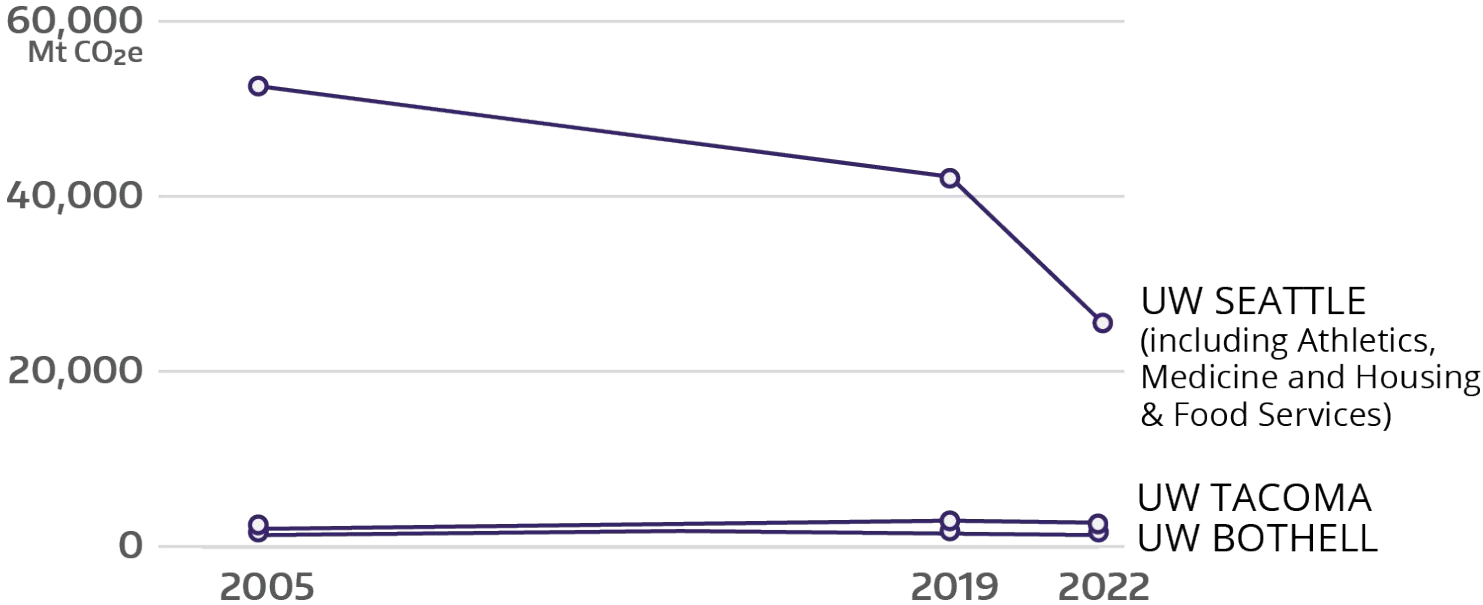
# FOSSIL FUEL COMBUSTION



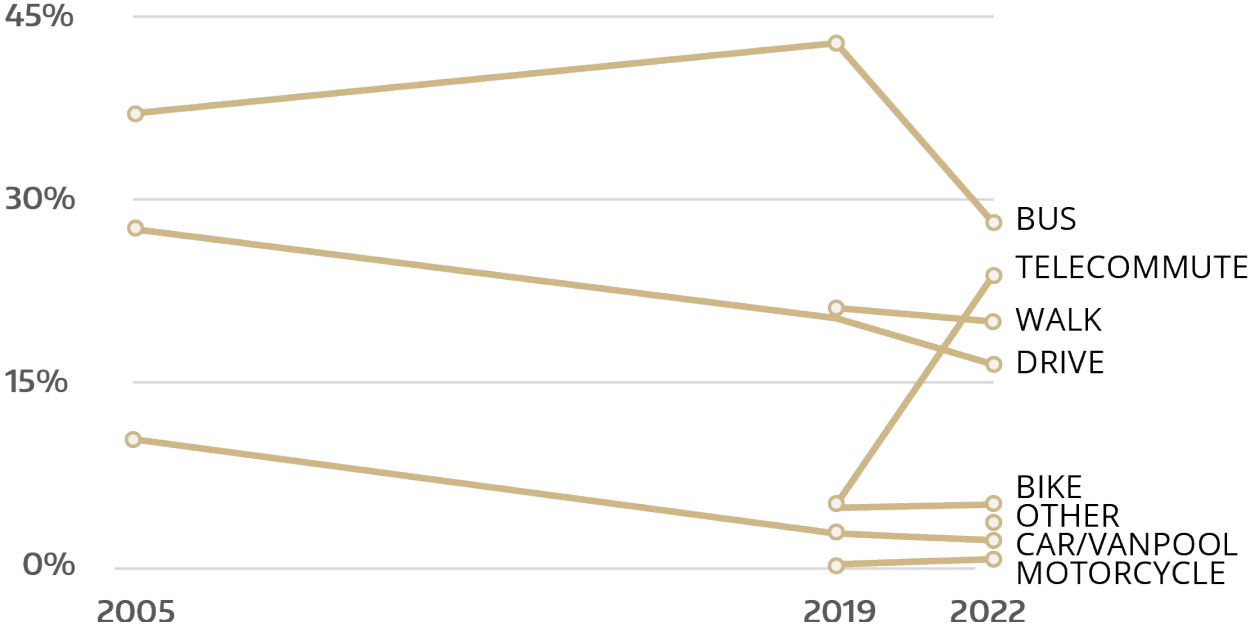
# AIR TRAVEL



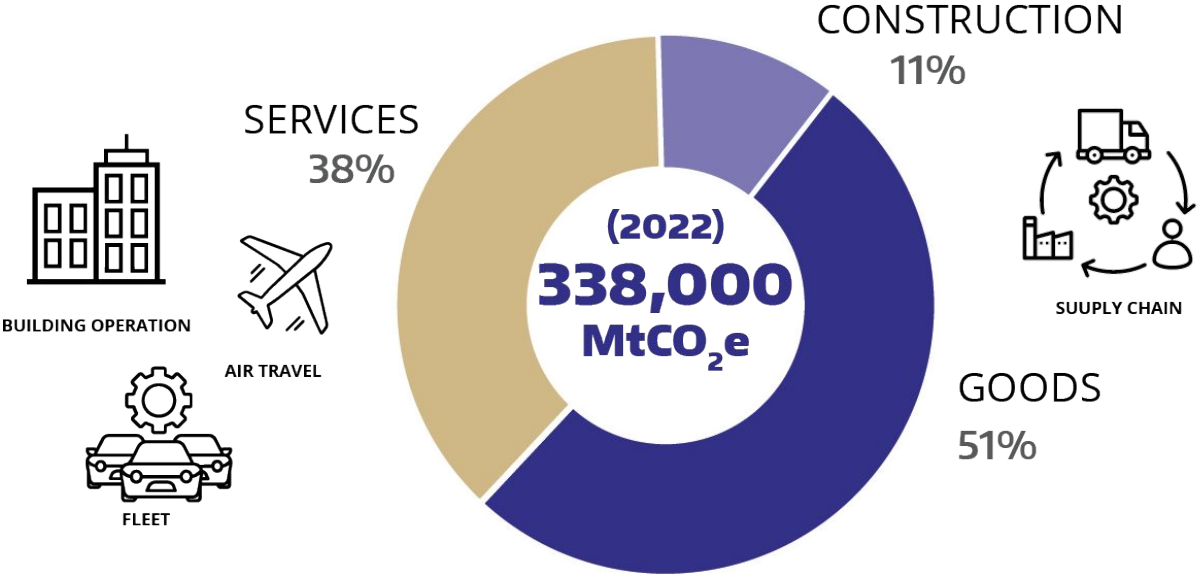
# COMMUTING



# COMMUTING



# GOODS & SERVICES

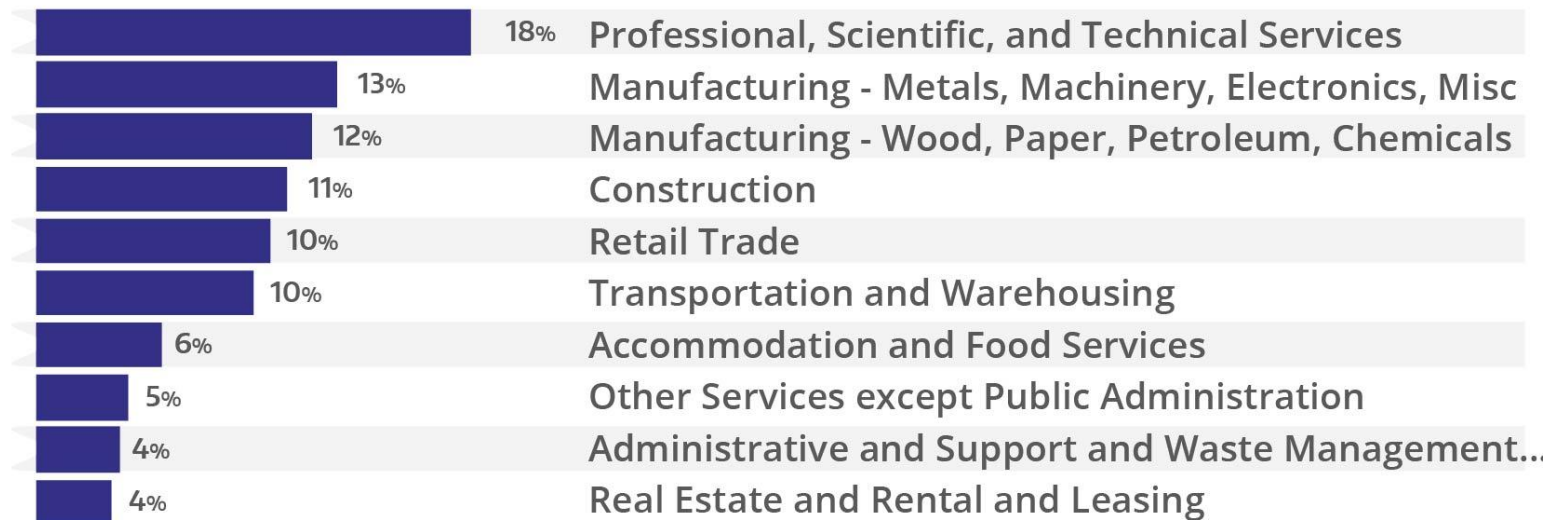




# GOODS & SERVICES

UW TOTAL

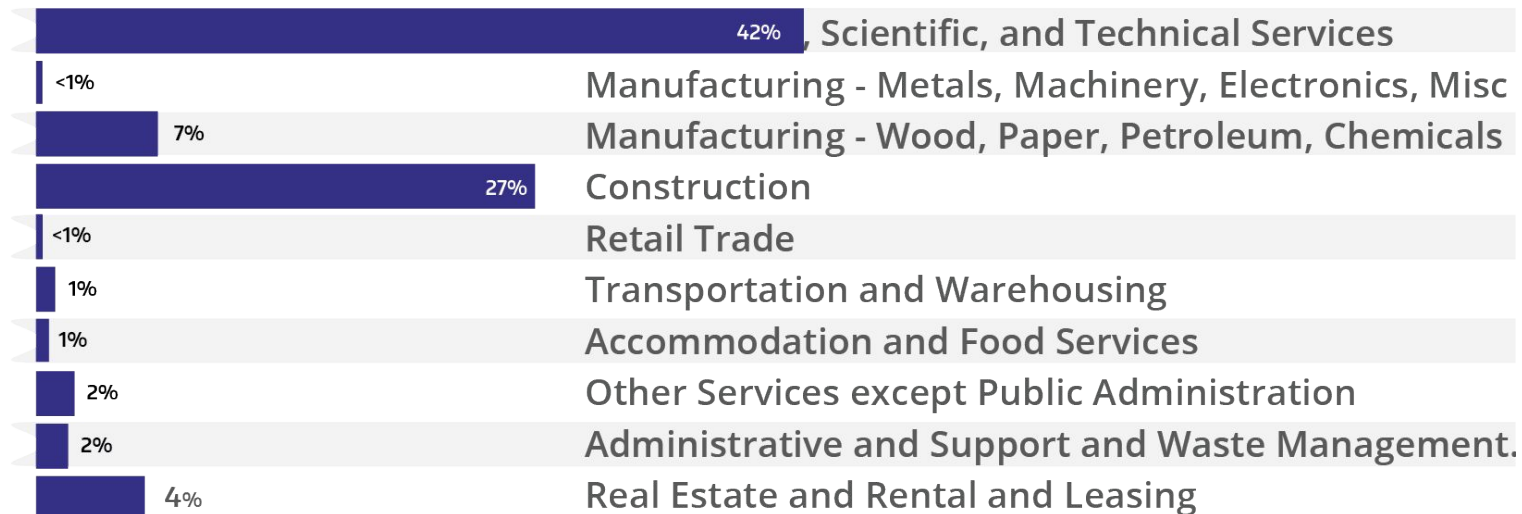
338K  
MtCO<sub>2</sub>e



# GOODS & SERVICES

UW SEATTLE

125K  
MtCO<sub>2</sub>e



# GOODS & SERVICES

HOUSING &  
FOOD SERVICES

15K  
MtCO<sub>2</sub>e



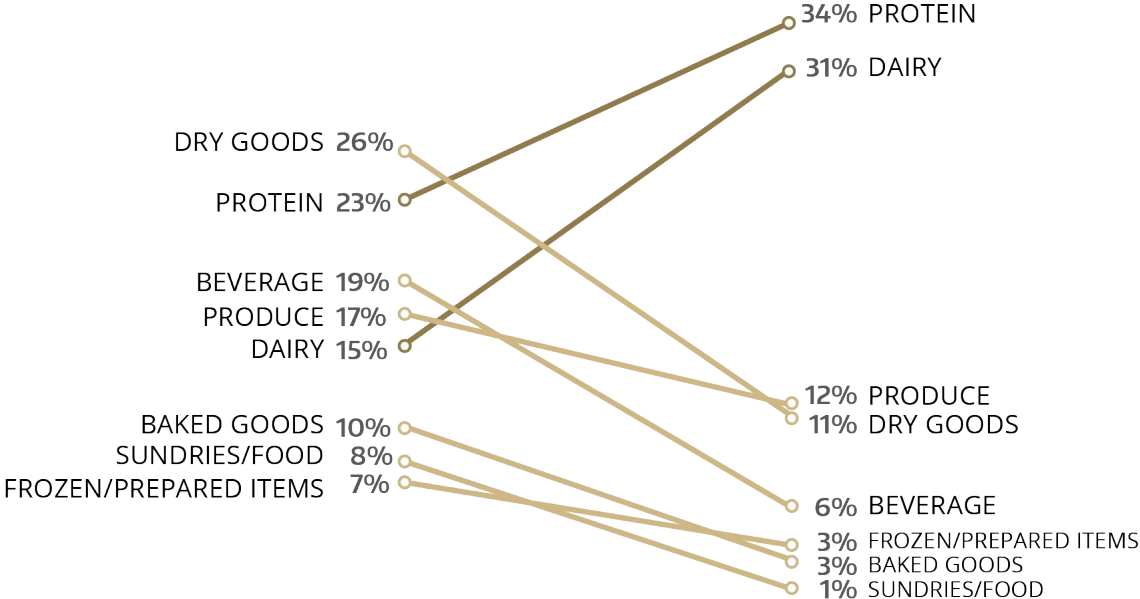
# GOODS & SERVICES: FOOD

## COST

PROPORTION OF DOLLARS SPENT IN 2022

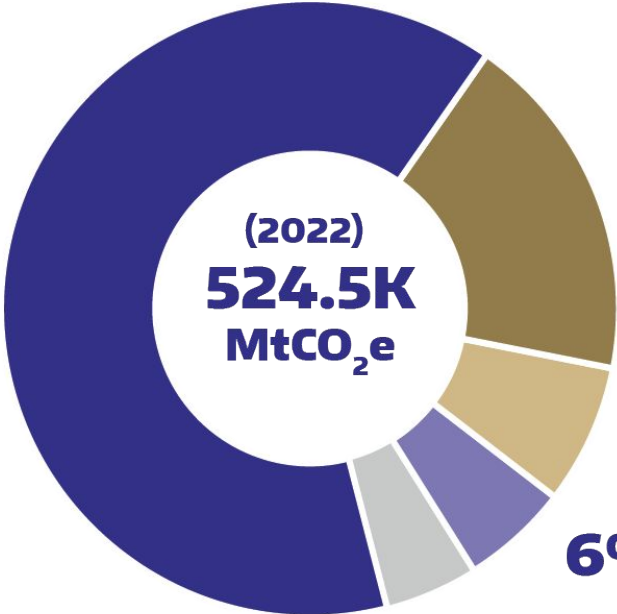
## GHG EMISSIONS

PROPORTION OF FROM FOOD CATEGORY (2022)



# GREENHOUSE GAS (GHG) EMISSIONS

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GOODS &  
SERVICES



(2022)  
**524.5K**  
**MtCO<sub>2</sub>e**



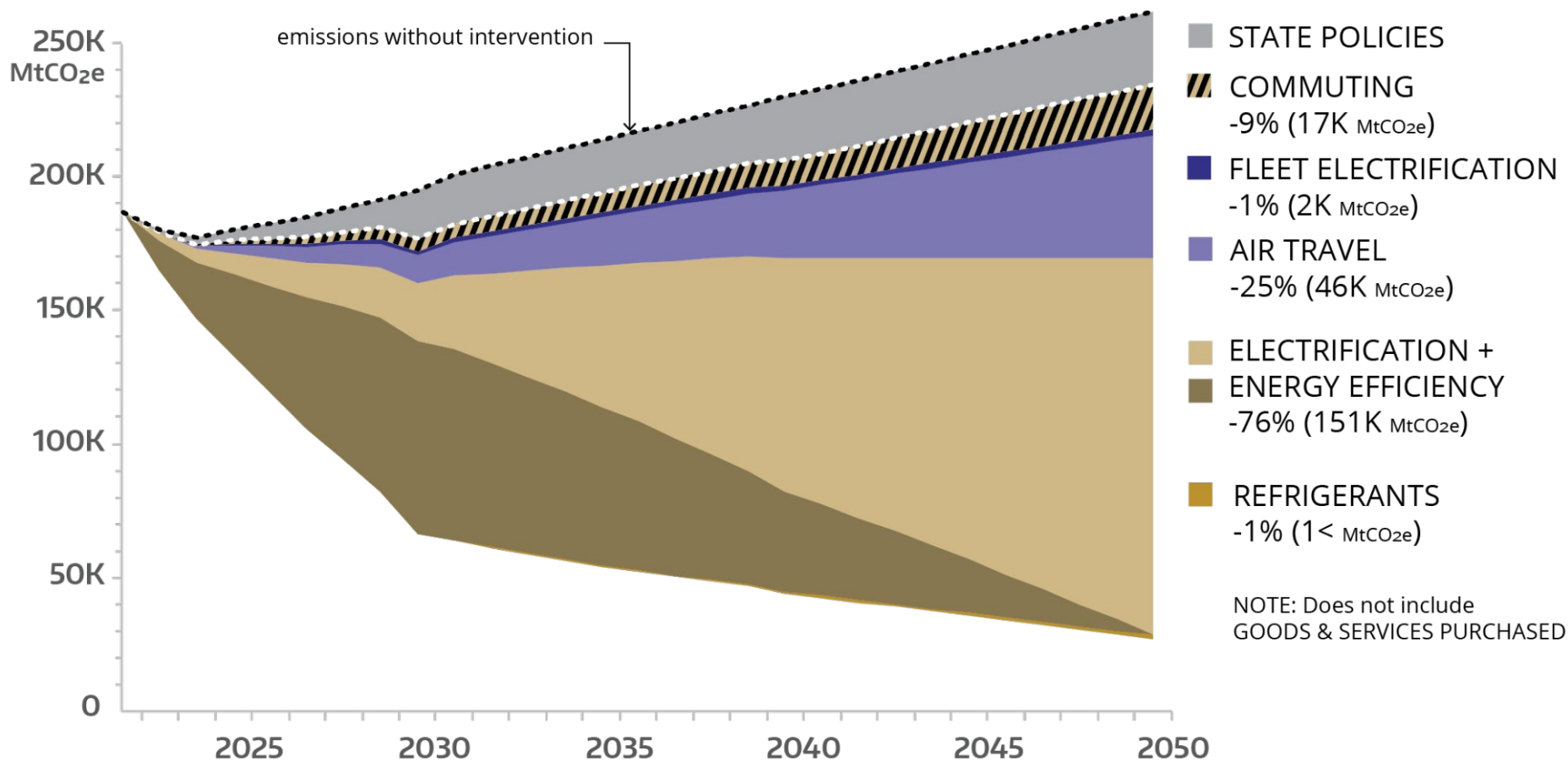
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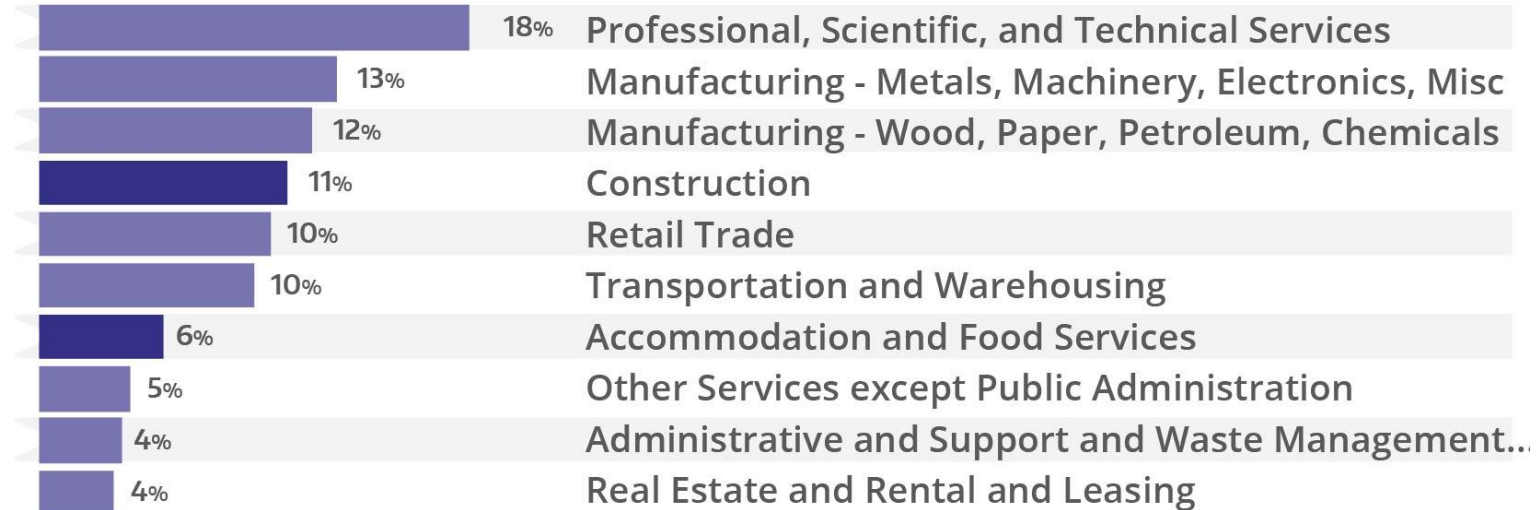
# PROJECTED EMISSION SCENARIOS



# ADDRESSING GOODS & SERVICES

UW TOTAL

**338K**  
MtCO<sub>2</sub>e

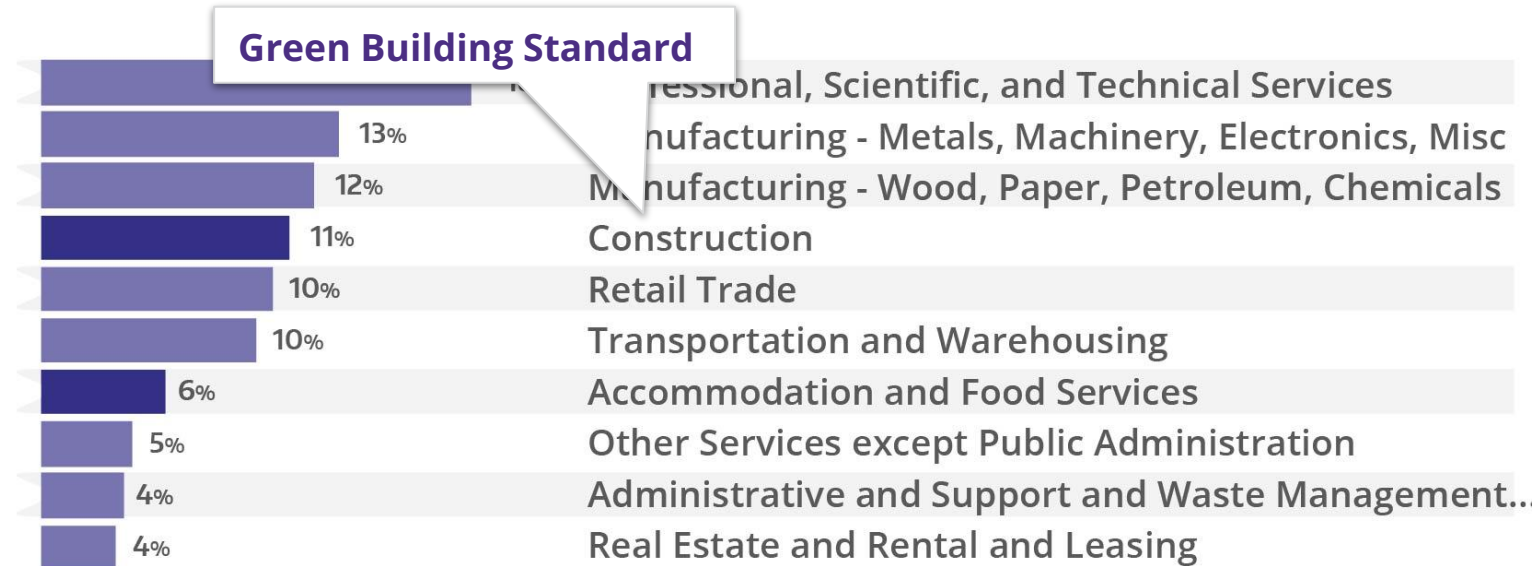


# ADDRESSING GOODS & SERVICES

UW TOTAL

338K

MtCO<sub>2</sub>e

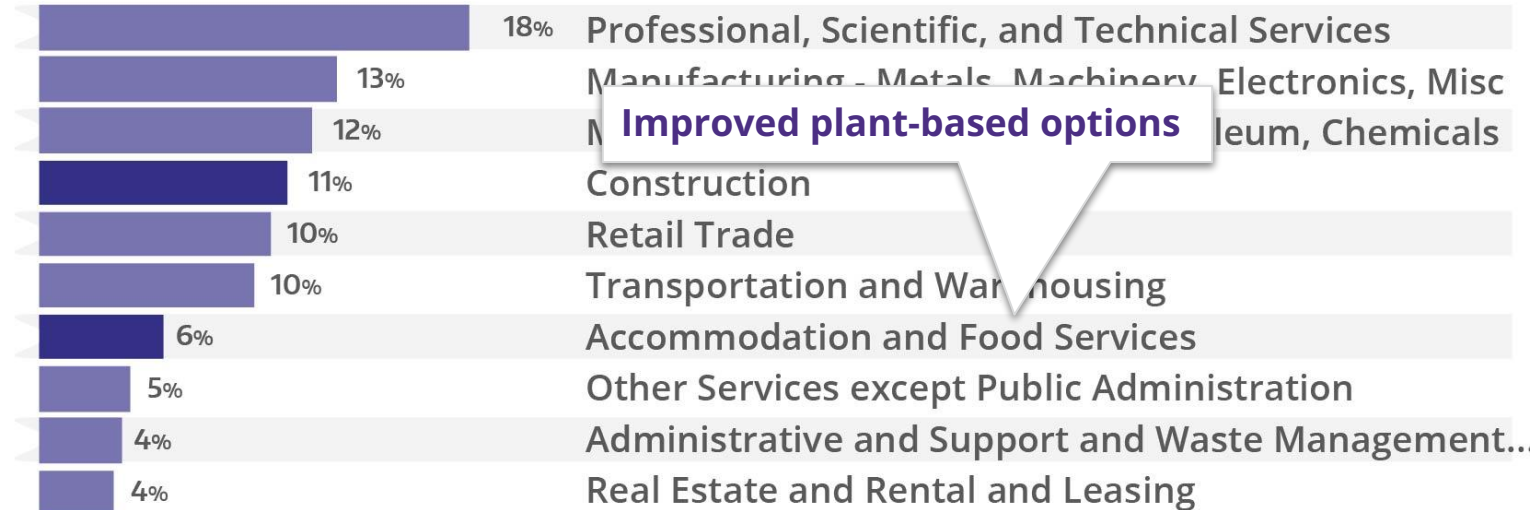




# ADDRESSING GOODS & SERVICES

UW TOTAL

338K  
MtCO<sub>2</sub>e



# ADDRESSING GOODS & SERVICES

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 > Sustainable Purchasing

## Sustainable Purchasing

**Welcome to the University of Washington Green Purchasing Program.**

The University is committed to environmental stewardship by maintaining purchasing practices that promote and encourage the use and purchase of environmentally and socially responsible products.

# QUESTIONS & DISCUSSION

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The final UW 2022 GHG Inventory Report will be published in early January, so stay tuned!

Website: [sustainability.uw.edu](https://sustainability.uw.edu)

Email: [sustainability@uw.edu](mailto:sustainability@uw.edu)

Visit our [staff page](#) for individual contact information

# STAY INFORMED & ENGAGED!

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  - ◆ [Tacoma Sustainability Office](#)
  - ◆ [Bothell Sustainability Office](#)
  
- [UW Sustainability Events Calendar](#)
  
- [GET INVOLVED](#)
  - ◆ [Student Decarbonization Task Force Meetings](#)
  - ◆ [Campus Sustainability Fund \(CSF\)](#)
  - ◆ More opportunities on our website