

# CHARTING EMISSIONS FROM FOOD SERVICES (CHEFS)



Agriculture -> CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O



Processing, packaging -> CO<sub>2</sub>



Transport and delivery -> CO<sub>2</sub>



Preparation -> CO<sub>2</sub>



Waste -> CH<sub>4</sub>



**Helping in the continued development of a tool to help campus-based institutions quantify the greenhouse gas emissions associated with their food purchases.**

- **Surveyed and extracted data from existing Life Cycle Assessment (LCA) studies based on North American agricultural data.**
- **Conducted informational interviews with various experts in the LCA and higher-education sustainability fields to determine how CA-CP can best galvanize increased attention in North American academia to food LCA.**
- **Evaluated food purchasing data from six CHEFS pilot institutions and created reports and graphs to provide these institutions with quantified data for carbon equivalent emissions associated with their purchases and recommendations for more sustainable options.**
- **Assisted the Tulsa Young Professionals Sustainability Crew in creating an Oklahoma congressional legislative review and in planning a sustainable Green Gala.**

**CHarting Emissions from Food Services (CHEFS) is a tool – in beta phase – that quantifies the carbon impact of food production, processing, distribution, preparation and disposal.**



Julie Munro

CLEAN  
AIR



COOL®  
PLANET