

# University of Connecticut

Carbon Reduction Working Group  
Meeting #10

April 2023

## Agenda

- Semester Summary
- Next Semester Planning
- Open Discussion



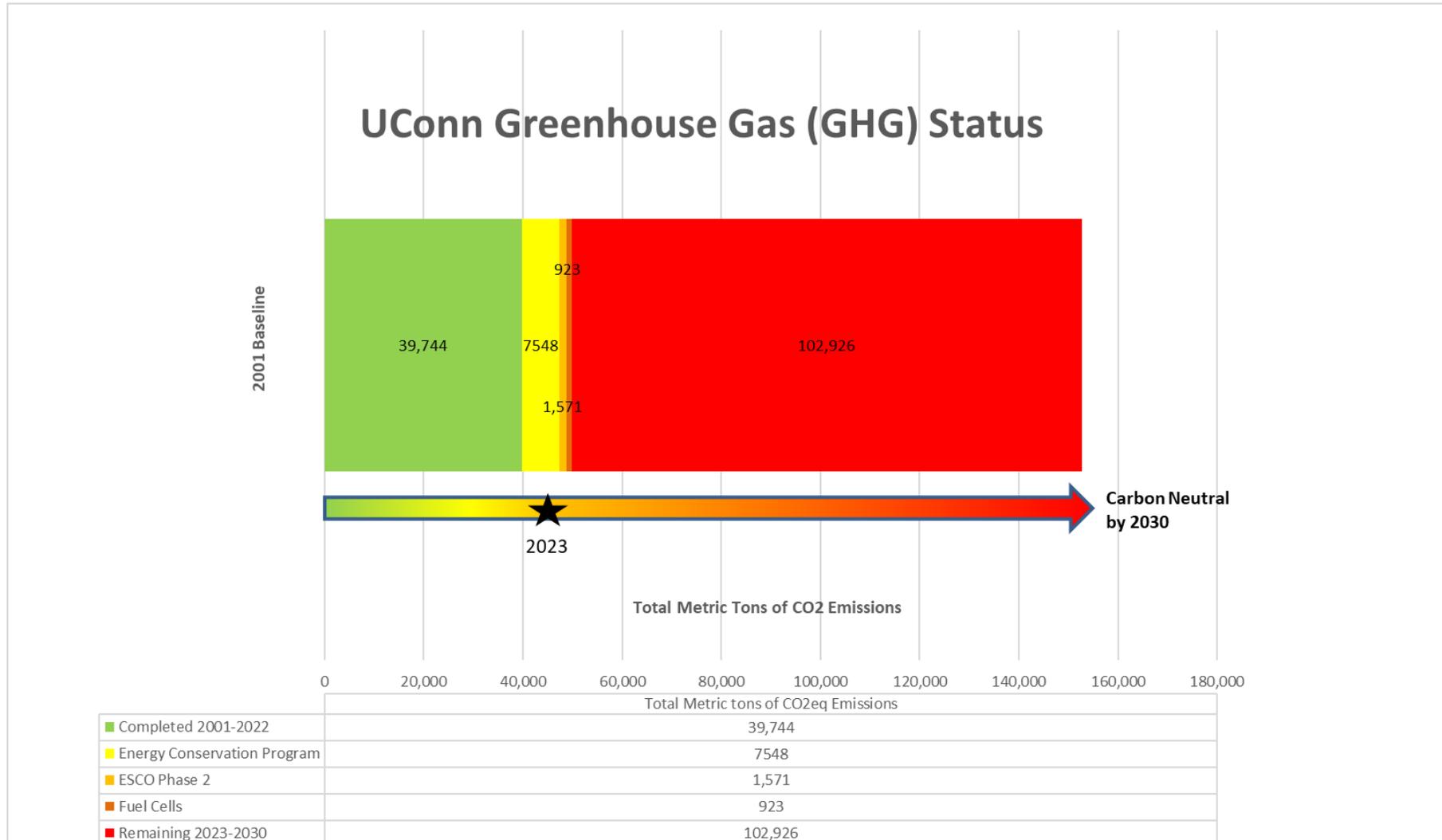


**Task Force Charge** *“The Carbon Reduction Working Group will continue to support ongoing energy conservation efforts but will also identify, evaluate, and recommend specific cost-effective initiatives and actions within the larger context of the university’s available resources. This includes academic research and other programs, that will increase the use of clean and sustainable energy on UConn’s campuses and reduce environmentally harmful emissions. The goals of this group include UConn achieving carbon neutrality on its campuses by 2030, with the ultimate goal of zero carbon by 2040.”*

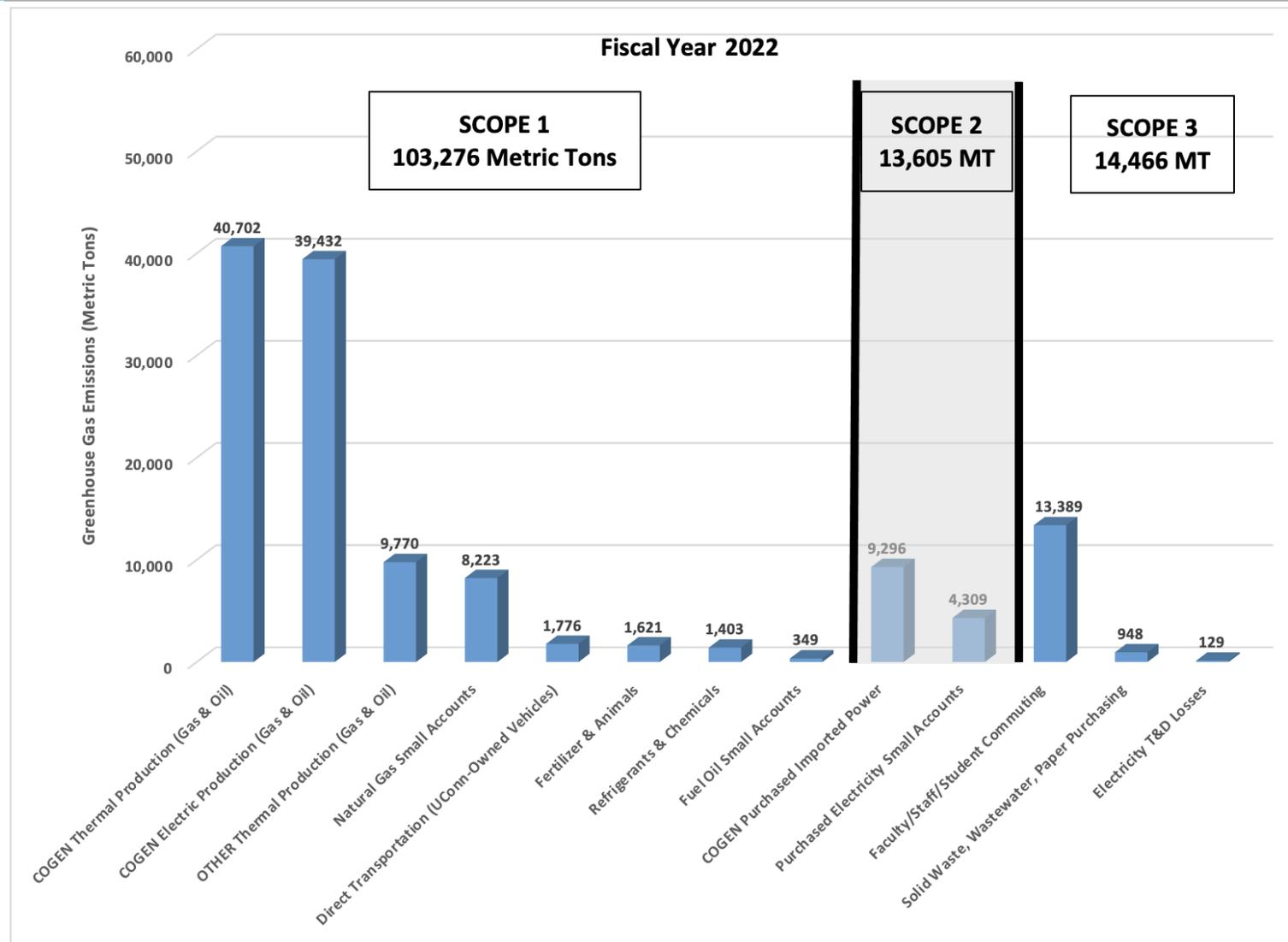
## Topic Review Included:

- Energy Conservation Program
- Solar
- Hydrogen
- Fuel Cells
- REC Funds and Program
- Geothermal
- Scope 1, 2 and 3
- GHG Data and Summary Status
- CRWG website





# Greenhouse Gas Emissions Breakdown by Scope



- <https://president.uconn.edu/communications/carbon-reduction-working-group/>
- <https://fo.uconn.edu/departments/facilities-energy-services/energy-conservation/>



## Completed Projects

1. Solar Array- Solar array on the roof of Science 1 is complete and operating. This is around a 1/2 megawatt.
2. Solar Tree – showcased during Earth Day event
3. Solar Panels - were added to 9 bus stops
4. Electric vehicles – dining services now has 1 new service vehicle that's electric.
5. Spring Fling Earth Day Event – showcased H2 powered generator charging an electric vehicle and 2 hydrogen vehicles.

## Ongoing Projects

1. Conservation program continues as we advance the SLED (Storrs LED lighting) program, ASHRAE audits, etc.
2. Solar Canopy Parking Lots - RFP in process
3. Fuel Cells – RFP in process
4. Hydrogen Vehicles + Fueling Station – purchase of 12 vehicles in process and determining details for the purchase of a fueling station.
5. Electric Buses – WRTD will be getting new electric busses
6. Carbon Reduction Working Group – will continue to meet through the semester, this group will discuss relevant topics and updates towards achieving the University Carbon Neutral Goal by 2030
  - As part of this group's efforts, Carbon Neutral Coffee Talks with experts from the UConn Faculty and Staff will continue.
  - President's website and supporting websites (Facilities, UPDC, Sustainability) will continue to provide updates and data.

# Next Semester Planning – Fall 2023

- Meeting Scheduling – Biweekly? Friday mornings?
- Carbon Neutral Coffee Talks – Topic Ideas and Dates?
- Topic Discussions
  - **Meeting 01 - Project update + GHG Status**
  - Student meeting to discuss topics of interest, etc.



# Open Discussion

