



RESILIENT
ENVIRONMENT

BROWARD COUNTY NET-ZERO STRATEGY

January 15, 2025



Objectives



Broward County is committed to achieving net-zero GHG emissions **by 2050**.

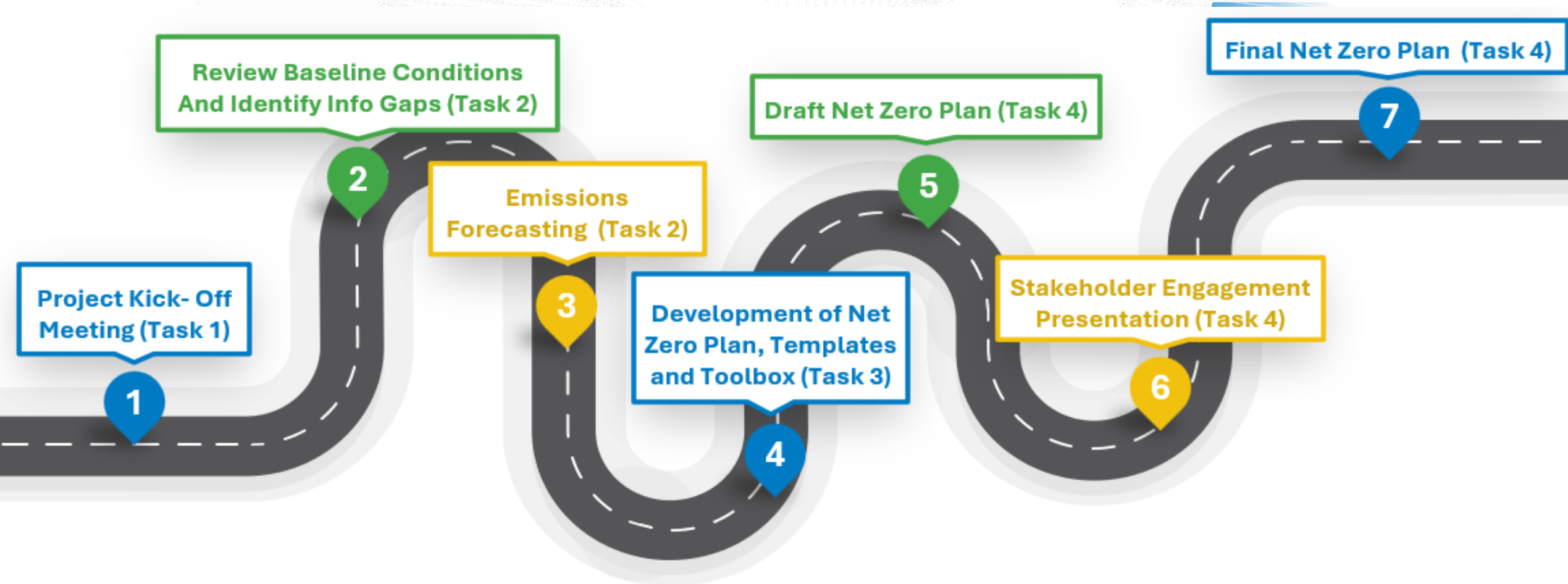
The project team is developing a baseline conditions and emissions forecast using available data.

This Net-Zero Plan will provide strategies for achieving carbon neutrality.

Municipalities will be able to use tools developed by the Net-Zero Plan.

A decorative graphic in the bottom right corner consisting of several overlapping, wavy lines in shades of light blue and green, creating a sense of movement and flow.

Net Zero Plan Pathway for Broward County



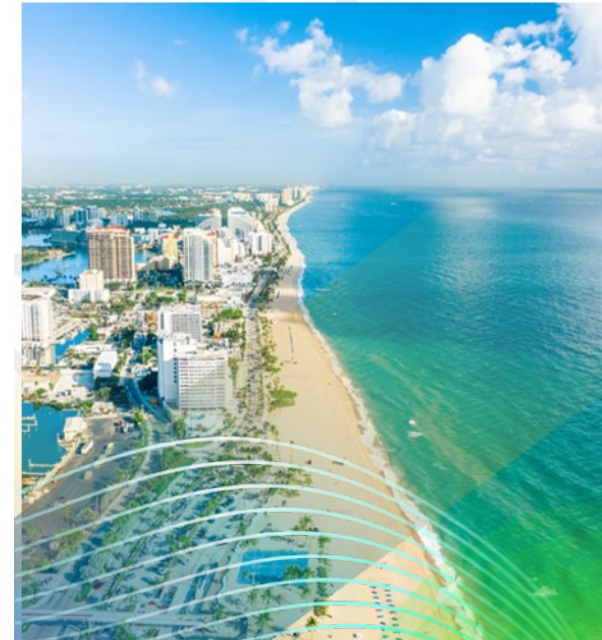
Progress to Date

Baseline Conditions & Emissions Forecasting- DRAFT

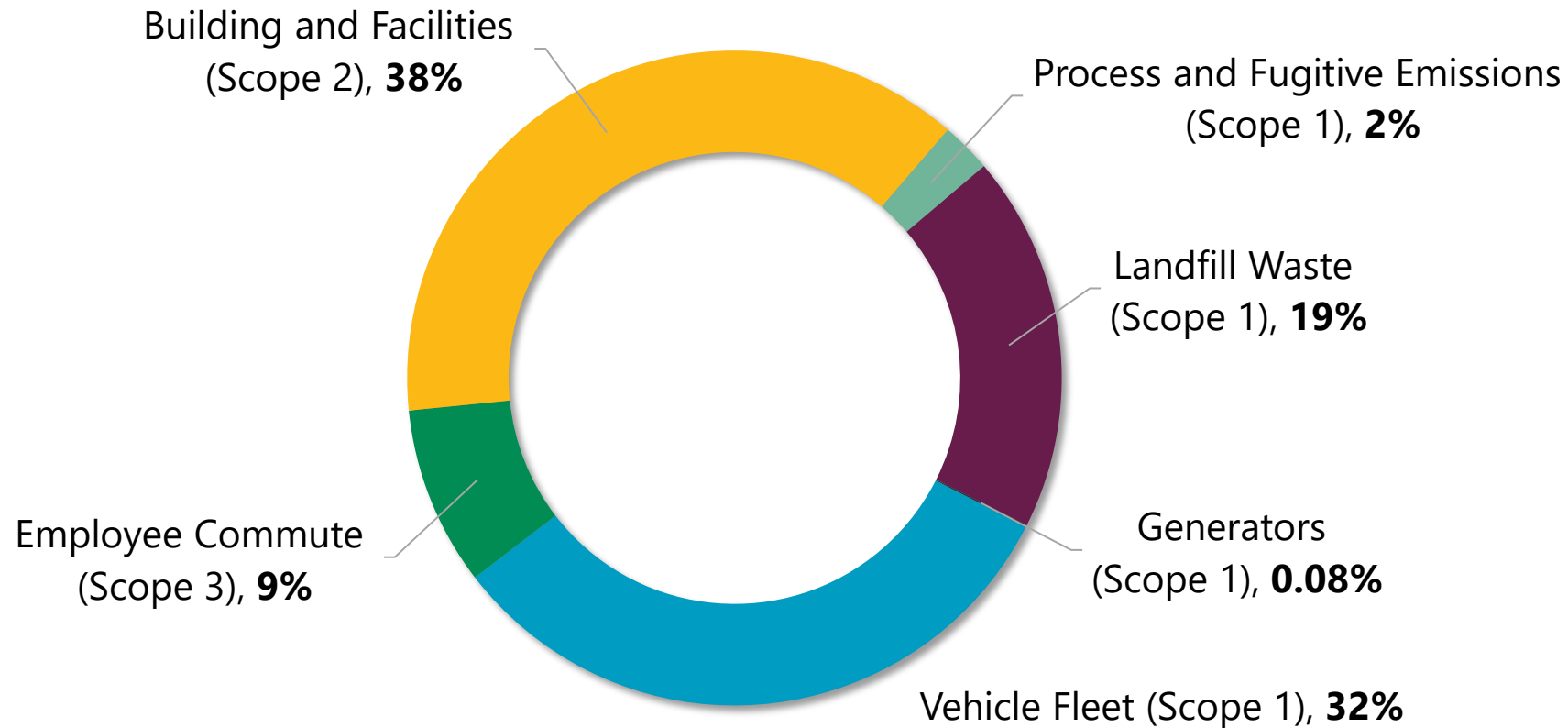
- Gathered information
- Reached out to Broward Municipalities to request available data
- Report was drafted and is being reviewed by County
- Reaching out to Broward Municipalities a second time to:
 - Provide update and talk about next steps
 - Discuss tools that will be developed for municipalities (with your feedback)



Broward County, Florida
Baseline Conditions and
Emissions Forecasting Report

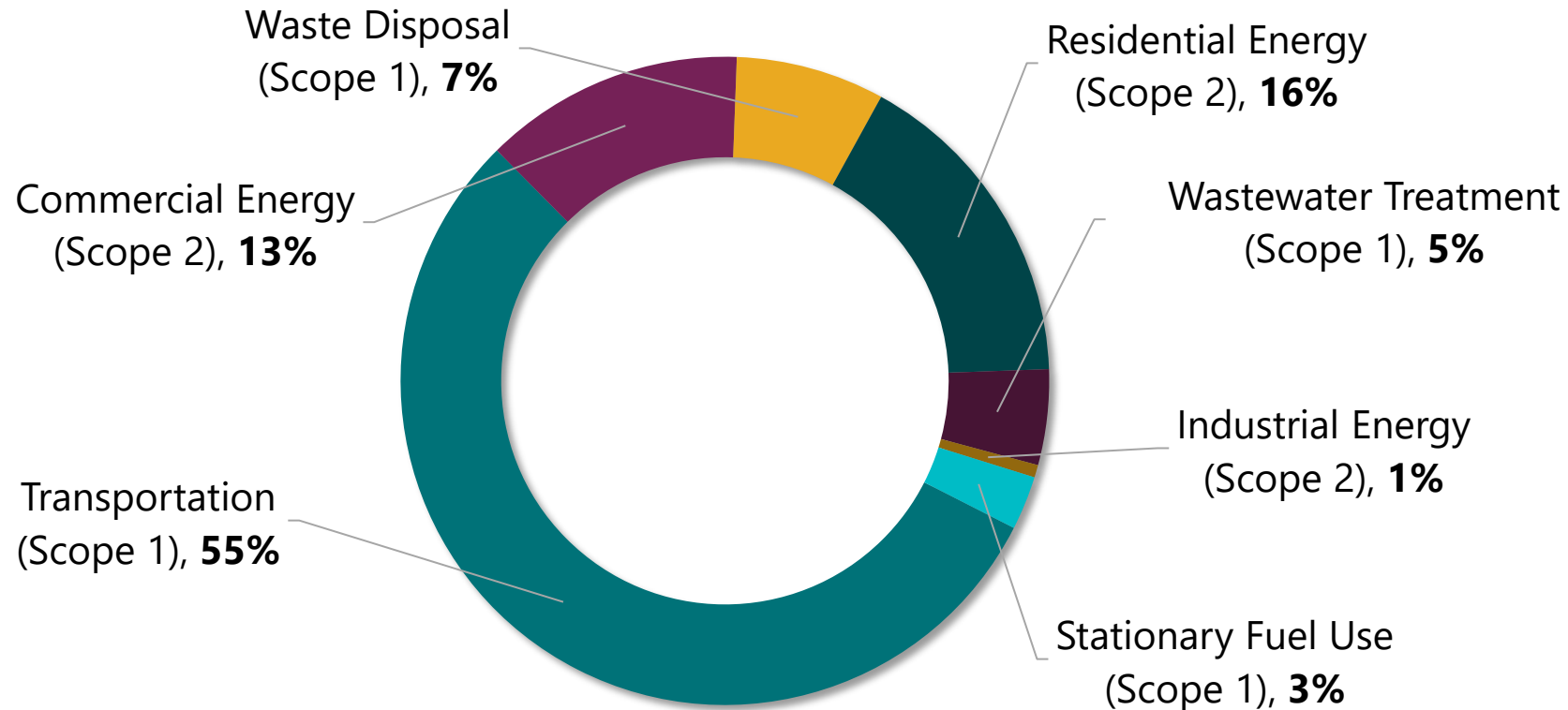


2023 Broward Local Government Operations Emissions by Sector



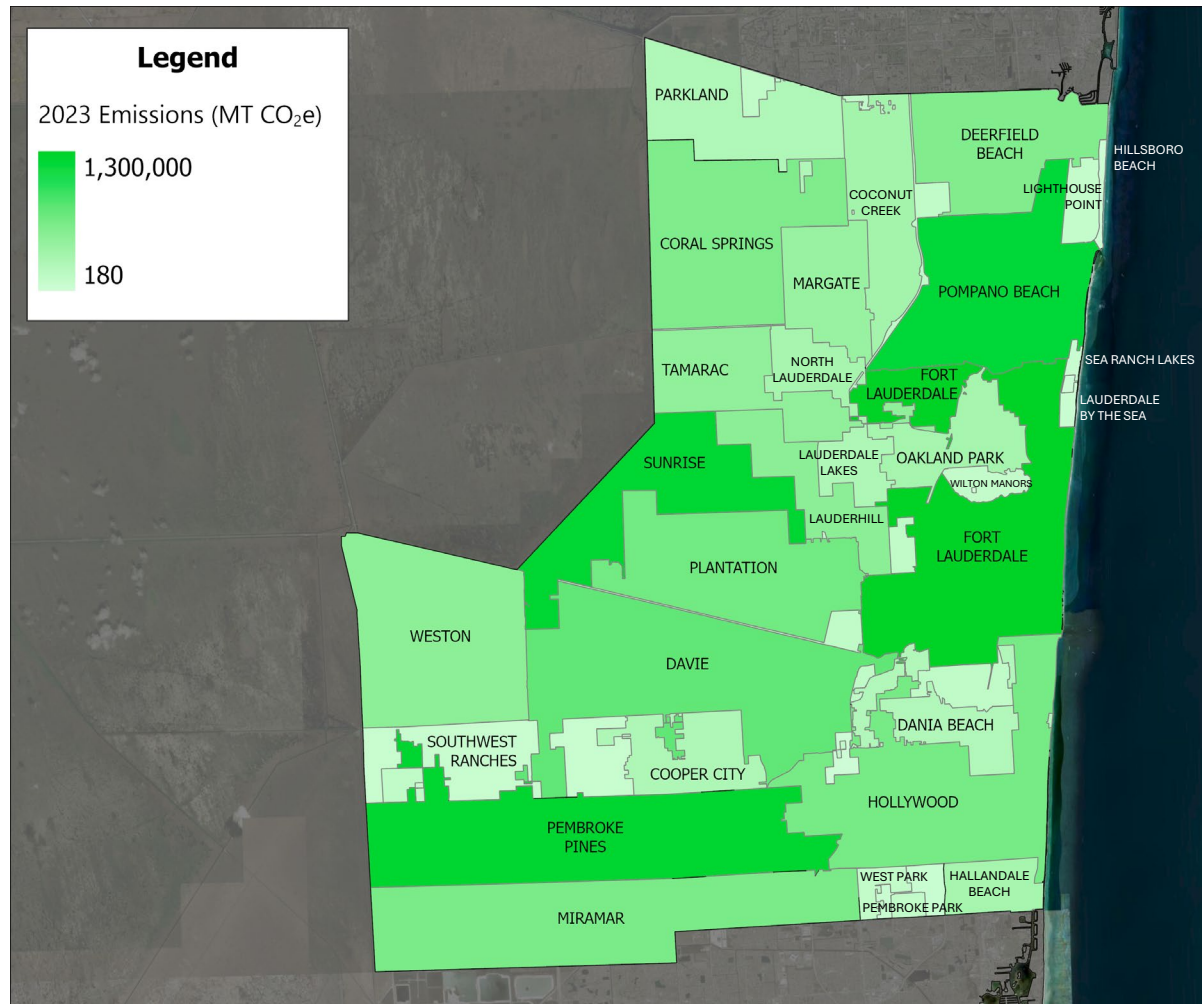
2023 Summary of Percentage Share by Sector of Annual LGO Baseline Emissions

2023 Broward Community Emissions by Sector



2023 Summary of Percentage Share by Sector of Annual Community Baseline Emissions

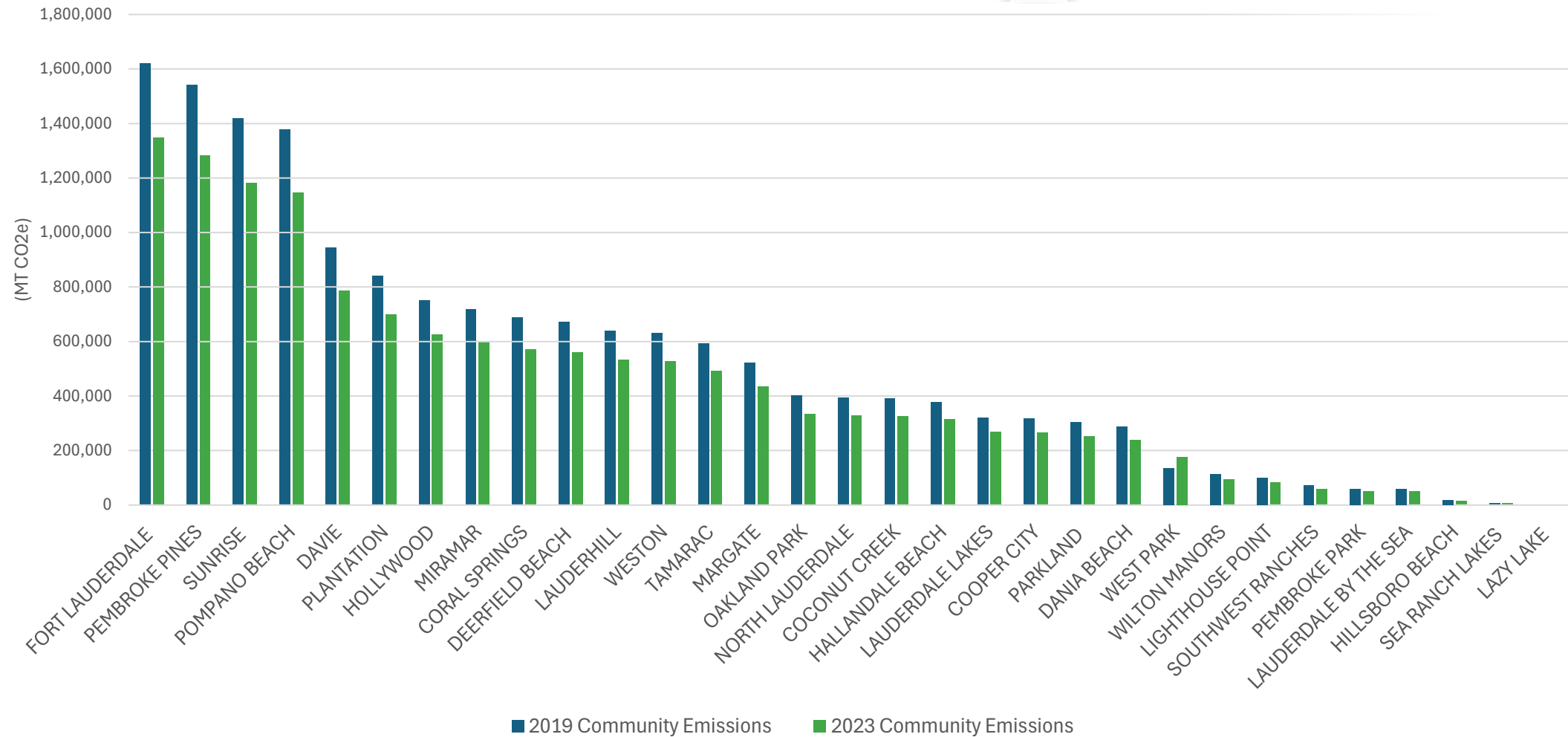
2023 Community-wide Emissions Estimates by Municipality



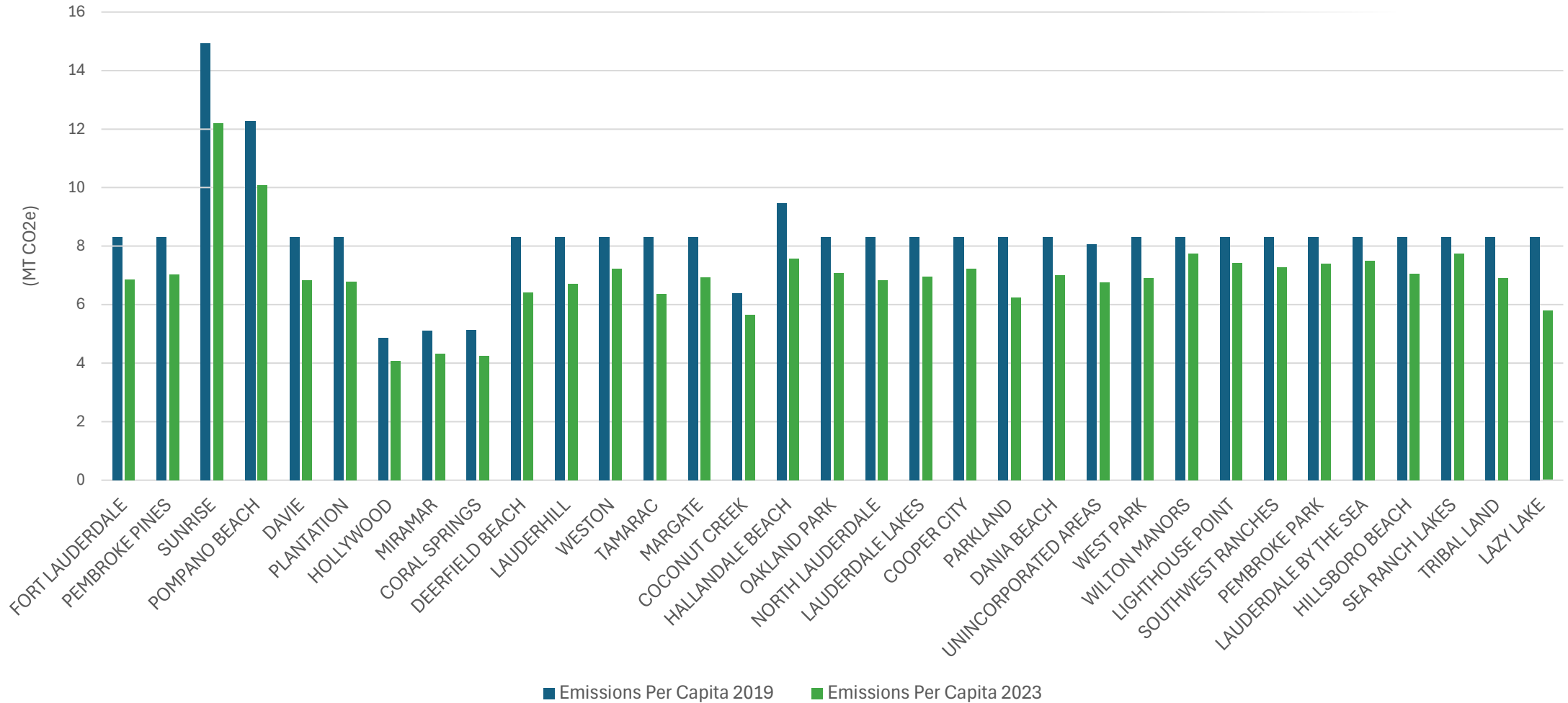
- Broward County Community-wide Emissions totaled **13,160,538 MT CO₂e** in 2023.
- The average Broward County Citizen emitted **6.71 MT CO₂e** in 2023.
- 2023 Community-wide Emissions decreased by **20.2%** from 2019 Baseline levels.

Note: Exhibit values are estimated based on available historic emissions data and population. Estimates are approximate. In addition to demographics, greenhouse gas emissions are a function of regional and local operations and infrastructure. Broward County municipalities should conduct greenhouse gas inventories to develop precise understanding of emissions.

Community-wide Emissions Estimates by Municipality



Community-wide Emissions Estimates Per Capita by Municipality



Project Outcomes

COUNTY-WIDE NET-ZERO PLAN

Model pathways
by sector

Prioritize investments for
project planning horizons
(current to 2050)

Propose partnership
models and incentives
programs

COUNTY-WIDE NET-ZERO TOOLBOX

A public-facing, interactive, data-driven platform

Model effects of net-zero
strategy implementation

Track and evaluate
performance

Prioritize
strategies

Municipal Templates

Municipalities will have access to resources to help them start their net zero journey.



Framework



Benchmarking Tools



Collaborating on Partnerships and Programs



Funding Opportunities

Opportunity to create your own tailored net-zero plan by piggy-backing off the County's contract.

BROWARD COUNTY CARBON CONSCIOUS BUSINESS PROGRAM



Partnership between Broward County and the business community.

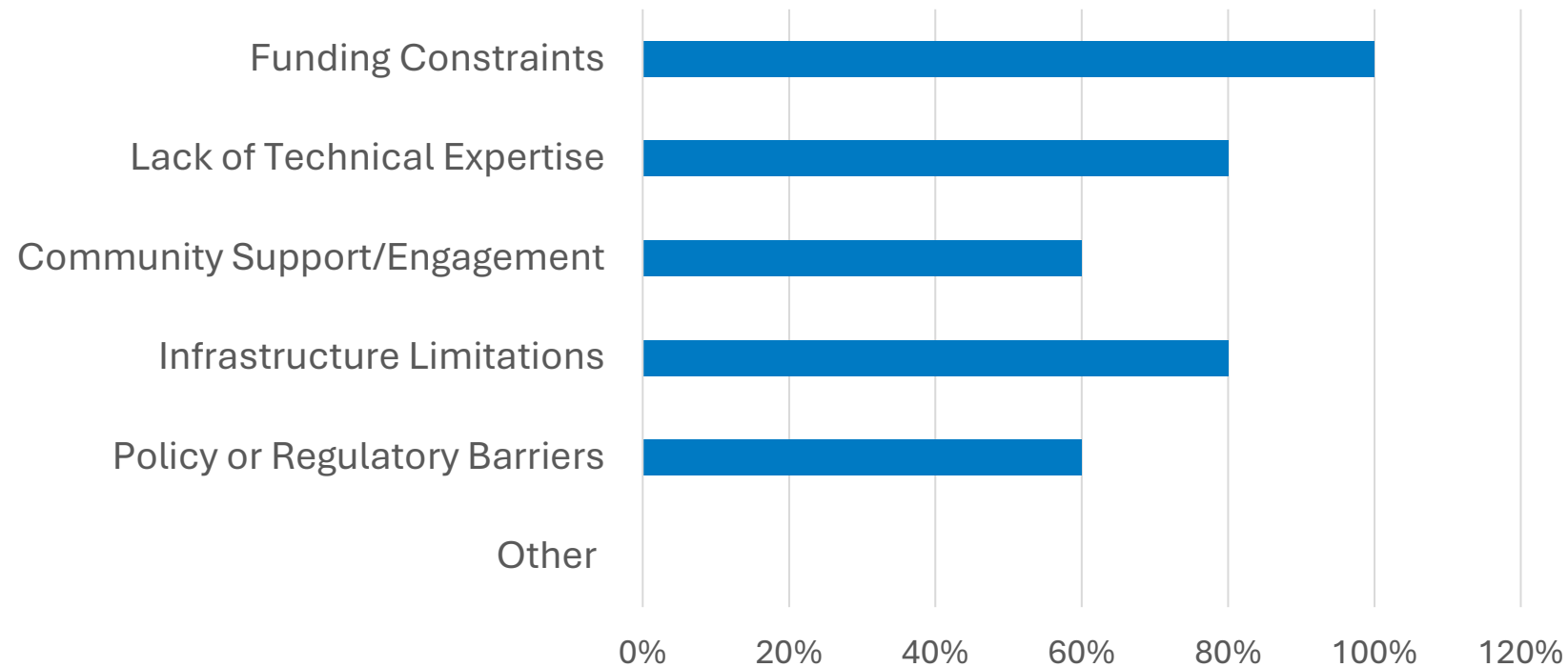
[BROWARD.ORG/CLIMATE/CARBON](https://www.broward.org/climate/carbon)

Provides resources to:

- calculate and manage emissions,
- identify potential cost savings,
- strategize investments,
- and join a network of forward-thinking resilience leaders in Broward County.

Municipal Feedback

What challenges or barriers does your municipality face in advancing sustainability or emissions reduction efforts?



Please participate
in our survey:



What Can You Do?

Public-sector organizations have a unique role in managing uneven effects of GHG emissions on sectors and communities.

First Steps for Carbon Reduction:

1. Conduct the greenhouse gas inventories
2. Report and track performance



What is Next?

- Meeting about the Net Zero Templates Development- **Spring 2025**
- Survey regarding Net Zero Templates- **Spring 2025**
- Stakeholder Presentations- **Summer 2025**

Conclusion

- Broward County is committed to achieving net-zero emissions by 2050
- The Net-Zero Plan will:
 - Provide a roadmap for achieving the county's goals.
 - Provide public facing, interactive, data driven platform.
- Municipalities will have access to resources and support to help them implement their own net-zero plans

Get Involved!

Follow our progress:

   @BrowardResilience



QUESTIONS ?

Carmen Olazabal
Carmen.Olazabal@exp.com

Nicole Barnett
Nicole.Barnett@exp.com



RESILIENT
ENVIRONMENT

