



CITY OF FORT LAUDERDALE
City Commission Agenda Memo
CONFERENCE MEETING

#20-0892

TO: Honorable Mayor & Members of the
Fort Lauderdale City Commission

FROM: Chris Lagerbloom, ICMA-CM, City Manager

DATE: November 5, 2020

TITLE: City's Carbon Footprint - (**Commission Districts 1, 2, 3 and 4**)

In its 2011 Sustainability Action Plan (SAP), the City of Fort Lauderdale committed to reducing its carbon footprint and, therefore, lessening its contributions to the fundamental cause of climate change. The SAP set goals of reducing Greenhouse Gas (GHG) emissions by 20% by the year 2020 from a 2010 baseline for both internal operations and citywide. As a result of efforts to date, the City has developed a broad policy foundation for addressing carbon emissions, achieved substantial GHG emissions reductions and has been recognized for those efforts with numerous national awards.

The presentation will review the achievements the City has made in reducing its carbon footprint and offer next steps (Exhibit 1). To date, the City has seen a 19.53% reduction in the GHG emissions in City operations through 2019 on track for its 2020 goal. Community emissions have shown per capita decreases in the electricity sector. We have seen increases in community emissions from transportation proportional to population increase.

To make substantial progress in reducing Fort Lauderdale's carbon footprint will require a commitment to not only adopt scientifically-based long-term GHG reduction goals and regulations to support community emission reductions, but also to fund the incremental costs of building greener facilities and continue to invest in building retrofit and cleaner emission vehicles. Achieving these goals requires a shift to more carbon-neutral design and an organizational dedication to the mission of a carbon-free future in our operations and in our community. Reducing emissions is essential to lessen the climate change impacts the City of Fort Lauderdale is already experiencing.

Resource Impact

There is no fiscal impact associated with this action.

Strategic Connections

This item supports the *Press Play Fort Lauderdale 2024* Strategic Plan, specifically advancing:

- The Infrastructure Focus Area
- Goal 1: Build a sustainable and resilient community.

- Objective: Ensure climate change resiliency and implement mitigation strategies, incorporating partnership actions and cross-jurisdictional plans.
- Objective: Promote energy efficiency and the expansion of renewable energy sources; and
- The Internal Support Focus Area
- Goal 8: Build a leading government organization that manages all resources wisely and sustainably.
- Objective: Integrate sustainability and resiliency into daily operations.

This item advances the *Fast Forward Fort Lauderdale 2035 Vision Plan: We Are Ready*.

Attachments

Exhibit 1 – Overview of Fort Lauderdale's Carbon Footprint Achievements

Exhibit 2 – City's Carbon Footprint Presentation

Prepared by: Nancy J. Gassman, Ph.D., Assistant Public Works Director –
Sustainability, Public Works
Glen Hadwen, Sustainability Manager, Public Works

Department Director: Raj Verma, Public Works