



City's Carbon Footprint Policy Recommendations

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Federal Climate Goals



- 50% reduction in carbon footprint by 2030
- Net zero by 2050
- Increased spending on electric vehicles
- Increased spending on resiliency of electrical grid
- Power sector carbon free by 2035



Administration

BRIEFING ROOM

FACT SHEET: President Biden Sets 2030 Greenhouse Gas Pollution Reduction Target Aimed at Creating Good-Paying Union Jobs and Securing U.S. Leadership on Clean Energy Technologies

APRIL 22, 2021 • STATEMENTS AND RELEASES


Strategic Alignment: Comprehensive Plan

• Evaluation Measures

- Reduce GHG emissions from City Operations by 80% by 2050
- Source 20% of electricity from renewable energy by 2030
- Reduce City vehicle fossil fuel use by 20% below 2015 levels by 2025

• Policies

- Consider GHG emissions in decision making
- Encourage mixed-use and other land-use policies that will reduce vehicle miles
- Ensure multimodal options of transportation exist along key corridors



INFRASTRUCTURE

CLIMATE CHANGE ELEMENT

PRINCIPLES

The City's Core Principles for the Climate Change Element are to:

- Address climate change and its impacts from a holistic and comprehensive standpoint.
- Take active ownership in reducing the magnitude of Climate Change Impacts through mitigation strategies.
- Protect the quality of life within the City through active management of, and preparation for, the needs posed by Climate Change.
- Coordinate Fort Lauderdale's efforts with regional efforts to resolve Climate Change impacts.
- Recognize and utilize the opportunities brought forth by climate change.

CAM #21-0370
Exhibit 4
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Opportunities for Reducing Carbon Footprint

- Net Zero
- Renewable energy
- Energy efficiency
- Fleet electrification
- Multimodal transportation
- Reduce community emissions



Net Zero

- Achieve Government operations net zero emissions by 2040 and community net zero emissions by 2050 (Ready for 100)



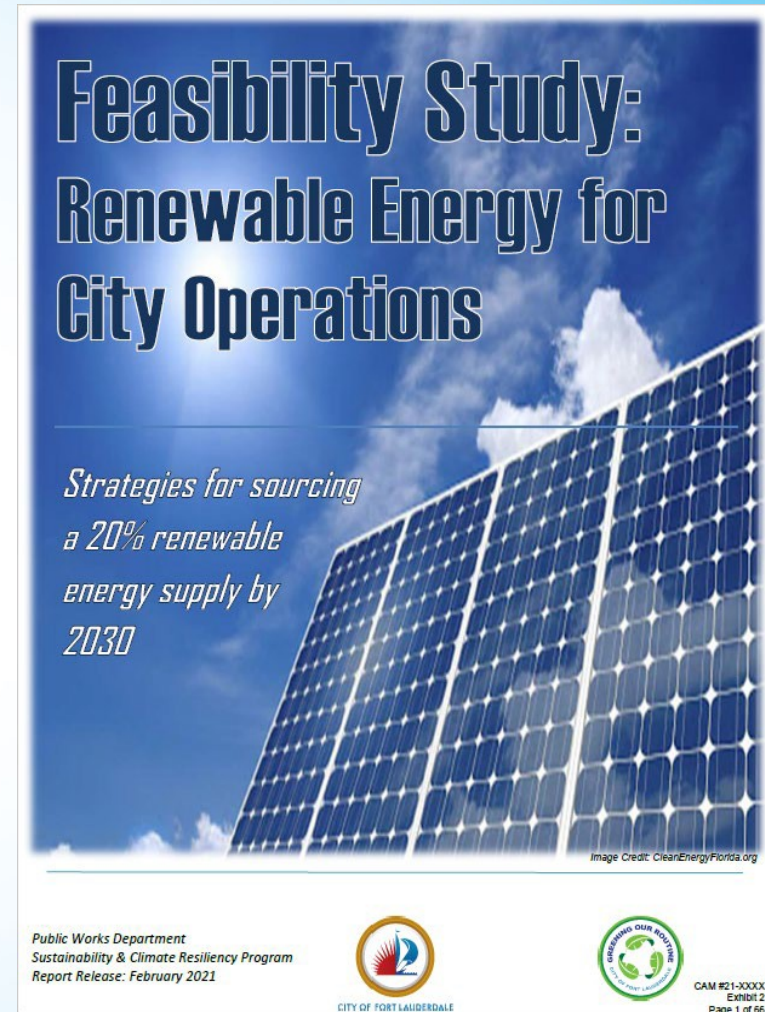
CNCA
CARBON NEUTRAL CITIES ALLIANCE





Renewable Energy

- Require sourcing of 20% of electricity from renewable energy by 2030 through
 - Addition of solar with all roof replacements;
 - Requiring at least a 20% renewable energy on all new facilities; and
 - Purchases of renewable energy credits





Energy Efficiency

- Achieve 10% reduction in electricity usage in City Operations from 2020 to 2030 by investing in energy efficiency retrofits, energy management programs, and battery storage.



Energy Efficiency (Efforts to build on)



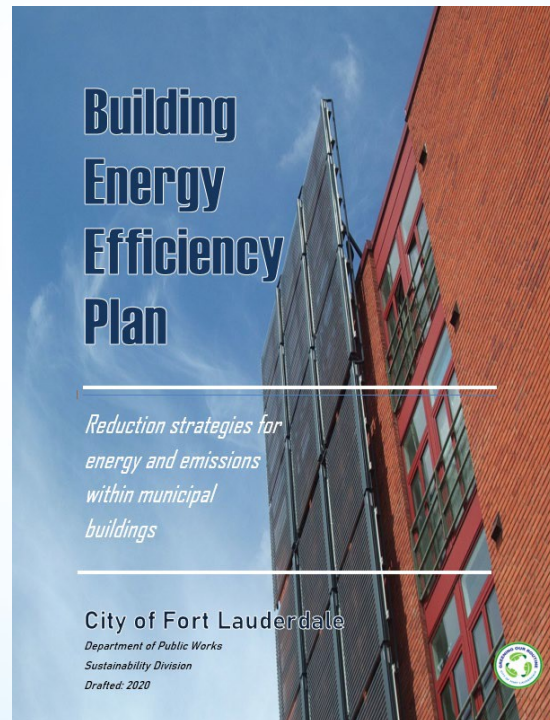
City of Fort Lauderdale
Fort Lauderdale, FL

December 2019 – November 2020

Year 3 Cost Avoidance Report for City of Fort Lauderdale
Energy Savings Performance Contract



Helping customers manage energy resources
to improve financial performance





Fleet Electrification

- Achieve 50% of fleet as low emission, electric, and hybrid vehicles for all non-emergency vehicles with available alternative fuel models by 2030.



9.6%

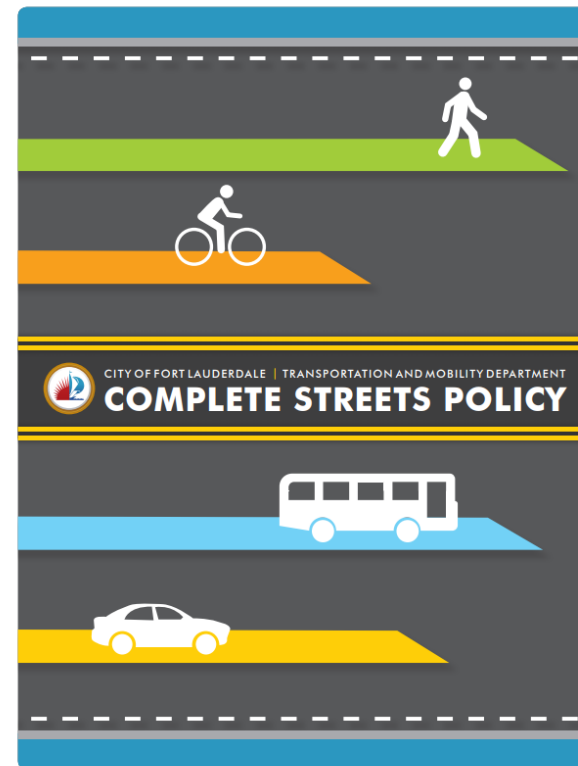
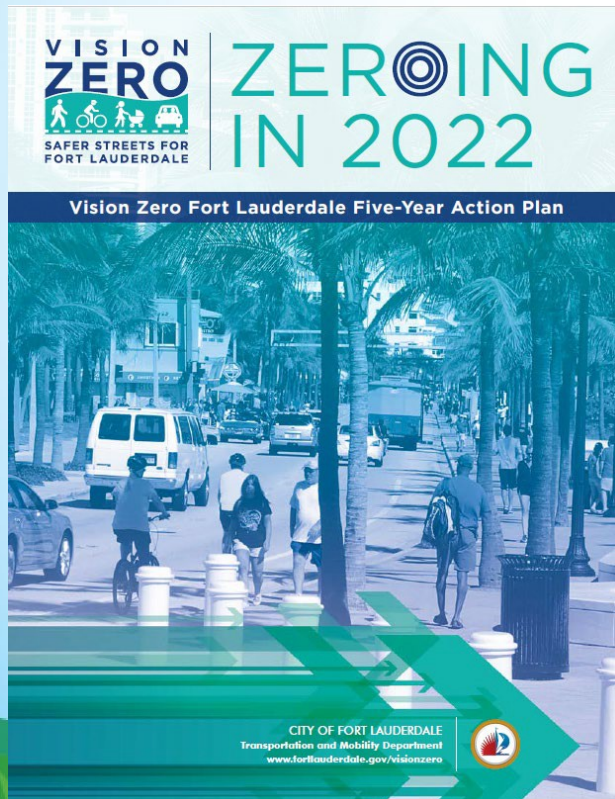
Percentage of the
Hybrid/Electric
Vehicles in the Fleet

In FY 2021



Multimodal Transportation

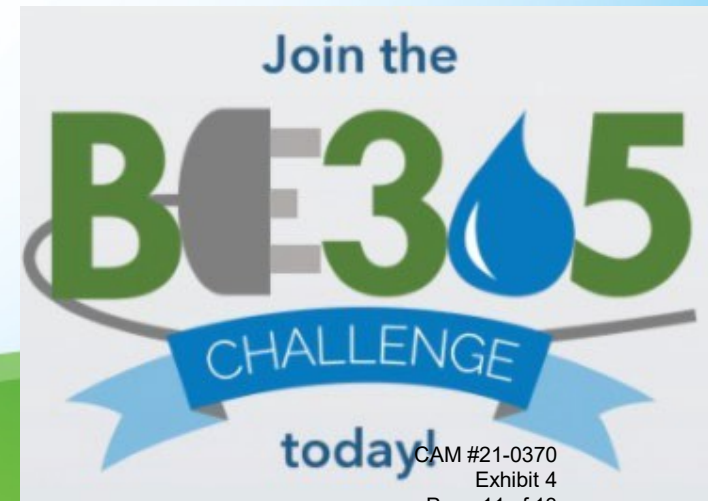
- Prioritize advocacy for and investment in multimodal transportation





Community Emissions

- Adopt ordinances, policies and programs to reduce community emissions :
 - Cool roofs and hardscapes
 - Green building requirements
 - Solar and EV ready
 - Energy benchmarking
 - Mixed use development





Benefits of Policies, Programs, and Ordinances

- Investments in
 - Increasing resiliency
 - Reducing energy bills
 - Reducing operational costs
 - Decreasing congestion



Discussion

- Should these ordinances, policies, and programs be officially adopted by the City?
 - Costs and benefits
 - Investment required

- Net Zero
- Renewable energy
- Energy efficiency
- Fleet electrification
- Multimodal transportation
- Reduce community emissions