



City of West Palm Beach, FL

Greenhouse Gas Accounting & Communications Support

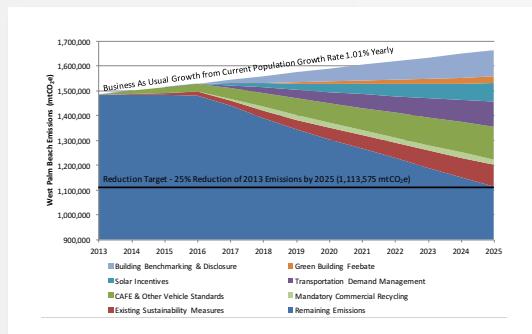
Project Summary

KLA worked with the City of West Palm Beach for several years to support the City's greenhouse gas (GHG) accounting requirements associated with their engagement with the Compact of Mayors. Work has included updating previous community-wide inventories to align with the Global Protocol for Community-Scale Greenhouse Gas Emission Inventories (GPC) and to update Local Government Operations Protocol compliant inventories for their municipal operations. Additionally, KLA provided assistance in identifying an appropriate short- term GHG reduction target and potential strategies to help the City achieve that target in alignment with their commitment to a net zero reduction by 2050. KLA has also provided communications support to West Palm Beach, including the development of social media and a graphical fact sheet on the City's journey to Net Zero.

Timeline: 2015 - 2019

Project Highlight

The KLA Team worked with City staff to identify a set of high impact strategies. KLA then developed three scenarios for each strategy to determine the potential for GHG emissions reductions. The resulting wedge diagram was then used to help the City select a short-term GHG reduction target.



Activities & Outcomes

- Review of all existing raw data, and confirmation of accuracy of data for the 2013 GHG inventory
- Update of community-wide and municipal GHG emissions inventories including spreadsheet and data visualizations to clearly express data and methodology report
- Completion of Carbonn Worksheet with updated data and submittal for CDP
- Creation of wedge diagram showing how the identified GHG reduction strategies could contribute to the reduction target
- Design of a graphically-heavy Executive Summary for public dissemination and final report on GHG reduction potential of key actions
- Analysis of the GHG Inventory and the City's STAR Master Crosswalk to determine the best opportunities for emissions reductions
- Development of social media posts and a graphical fact sheet to illustrate the City's Journey to Net Zero

TARGET CHECK

West Palm Beach is a paradise for visitors and especially for those of us who call it home. Yet we're facing the big challenge of keeping heat increased storms and flooding and take a toll on the health and safety of our families, homes, and economy. To combat climate change, we've got to make some changes. By 2050, we will have cut our net greenhouse gas emissions by 80%. This means that we will have reduced our emissions by 2025, during our part to take on clean energy vehicles, urban transportation choices, and more sustainable buildings. Our actions will help to keep our planet healthy and ensure that future generations can continue to benefit from the resources of the Earth. An important part of our success will be to work together. We believe that by working together, we can achieve our goals. Our actions will help to keep our planet healthy and ensure that future generations can continue to benefit from the resources of the Earth. An important part of our success will be to work together. We believe that by working together, we can achieve our goals.

WHAT THE CITY IS DOING

The City of West Palm Beach has been taking action to reduce GHG emissions and create a more resilient community for all. We track the progress of these actions by measuring our emissions every three years. Some examples include:

- Completed Actions: Expended electric vehicle infrastructure, solar panel installation, and one-way bicycle parking.
- Target Check: Reduction target reached as of 2019.
- What You Can Do: Tips for getting around, being energy efficient, and living sustainably.

OUR TARGETS

WPS' Climate Action Targets: **100% by 2050**, **25% by 2025 (mid-term goal)**, **WHAT WE HAVE ACHIEVED TO DATE: 10% REDUCTION**.

2018 GHG INVENTORY

GHG INVENTORY: 57.3%.

SMARTER TRANSPORTATION

Smart Grid: 2008-2018.

CLEANER GRID

Smart Grid: 2008-2018.

GROWING BETTER

Smart Grid: 2008-2018.

IN OUR HOMES AND OFFICES

Smart Grid: 2008-2018.

OUR LIFESTYLES

Smart Grid: 2008-2018.

OUR COMMUNITY

Smart Grid: 2008-2018.

OUR ENVIRONMENT

Smart Grid: 2008-2018.

OUR ENERGY

Smart Grid: 2008-2018.

OUR CLIMATE

Smart Grid: 2008-2018.

OUR WATER

Smart Grid: 2008-2018.

OUR LAND

Smart Grid: 2008-2018.

OUR AIR

Smart Grid: 2008-2018.

OUR SOIL

Smart Grid: 2008-2018.

OUR FORESTS

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