



December 20, 2021 Meeting

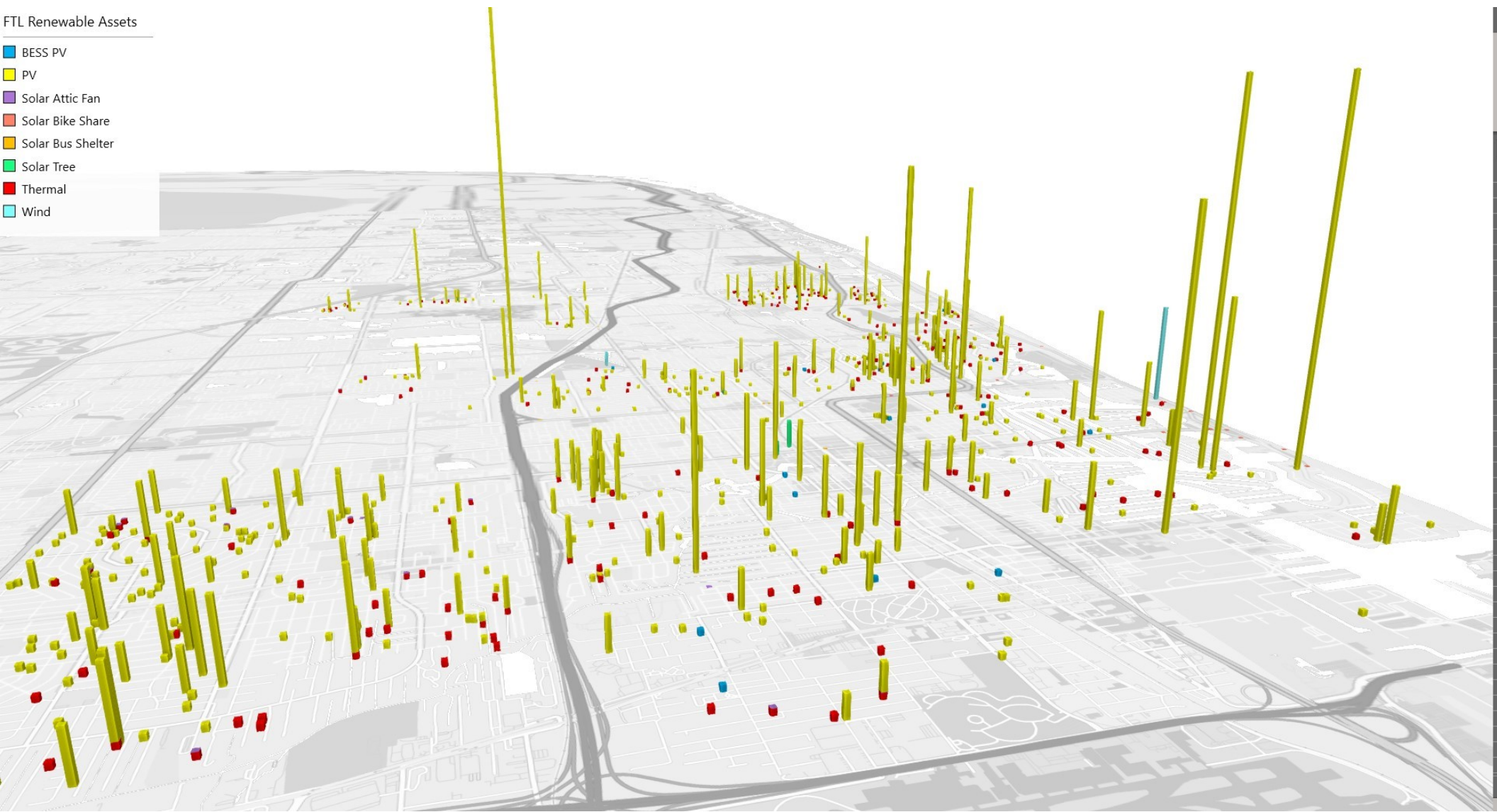
Backup Materials

Contents:

- Presentation: *City of Fort Lauderdale Renewable Energy Installations Analysis* {Jason Bocchinfuso, Sustainability Administrator}
- Presentation: *City of Fort Lauderdale Mixed Use Zoning District* {Jim Hetzel, Principal Urban Planner}
- Document: *SAB Commission Joint Workshop Planning Notes* {Glen Hadwen, Sustainability Manager}

FTL Renewable Assets

- BESS PV
- PV
- Solar Attic Fan
- Solar Bike Share
- Solar Bus Shelter
- Solar Tree
- Thermal
- Wind





CITY OF FORT LAUDERDALE

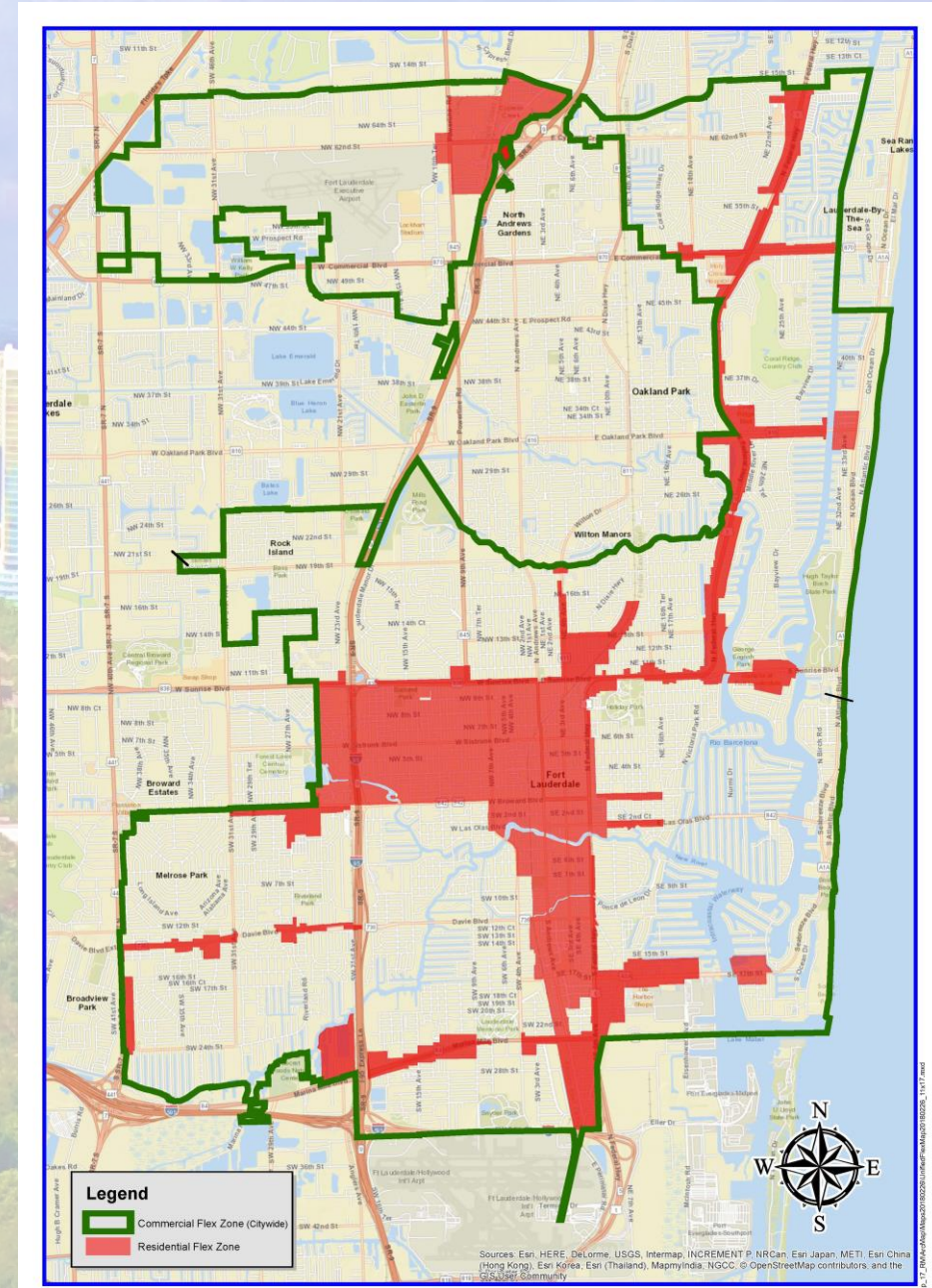
MIXED USE ZONING DISTRICT

DECEMBER 20, 2021
SUSTAINABILITY ADVISORY BOARD



BACKGROUND

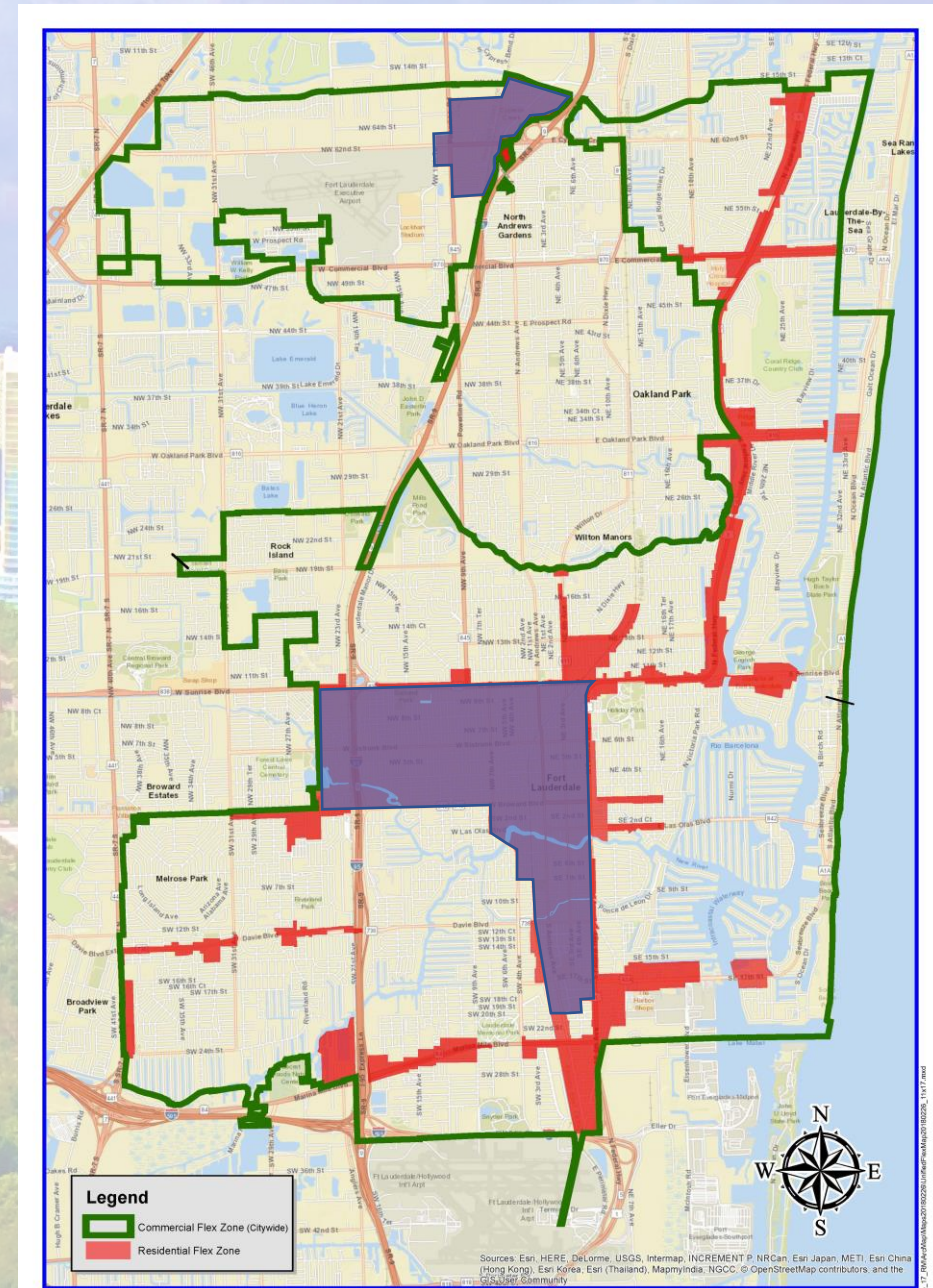
- **Unified Flex Policy**
- Adopted in 2018
- **Receiving Area**
- Indicated by Red on Map
- **Planning Rationale**
- Sustainable Growth Pattern with Mix of Uses and Multi-Modal Options





BACKGROUND

- **Unified Flex Policy**
 - Commitment to Create New Zoning District
- **Portion of the Receiving Area**
 - Indicated by Red on Map
- **Planning Rationale**
 - Sustainable Growth Pattern with Mix of Uses and Multi-Modal Options





MIXED USE ZONING

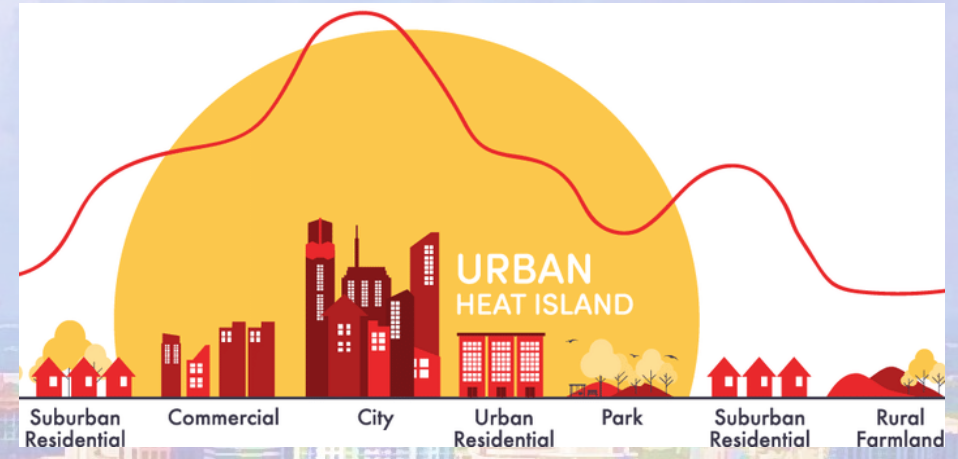
- **Form Based Code**
 - Building Typologies
 - Building Materials
 - Creative Façade Composition
 - Parking Podium Design
 - Quality Public Space
 - Streetscape
 - Multi-modal Connections
 - Neighborhood Transition
 - Compatibility Review
- **ULDR Amendments**
- **Supporting Analysis Document**





SUSTAINABILITY

- Sustainability Elements
 - **Sea Level Rise and Resiliency**
Ground floor to ceiling height increases
 - **Heat Island Effect**
*Roof materials and high albedo
Green roofs*
 - **Solar Installations**
 - **Increased Open Space**
 - **EV Charging Stations**





QUESTIONS

DECEMBER 20, 2021
SUSTAINABILITY ADVISORY BOARD

Planning Notes for 3/15 SAB Commission Joint Workshop on the effects of climate change on the sale of real estate and insurance rates

SAB Communication Presented on 10/25/21

The Sustainability Advisory Board (SAB) believes it important for the Board, Commission, and City Administration to be better informed on the detrimental impacts of climate change on the insurance and mortgage markets in South Florida, the consequential implications for businesses and homeowners in the City, and the potential impact on City tax revenue. The SAB requests that the City Commission allow a presentation at a future City Commission Conference Meeting or Commission Workshop on the subject of the effects of climate change on the sale of real estate and insurance rates.

Prompts for speakers

1. How are climate change impacts affecting real estate and/or insurance markets today and in the future, particularly in South Florida?
2. What can local governments do to address these issues?

Logistical information

- Joint meeting with SAB and City Commission
- Date and time: 3/15 11:30 am – 12:30 pm
- Need to finalize speakers

Logistical questions

1. Confirm that speakers can participate virtually
2. Select and confirm speakers

Local speakers

1. John Rollins, CFO, Olympus insurance,
 - a. spoke at 2019 Climate Summit
 - b. author of "[Climate gentrification and the role of flood Insurance](#)"
2. Katherine Mach, Associate Professor at University of Miami Rosenstiel School of Marine and Atmospheric Science
spoke at 2021 Climate Summit
Video <https://www.youtube.com/watch?v=ZCVUH5X5LW0>
3. Alec Bogdanoff, Senior Scientist, American Flood Coalition <https://floodcoalition.org/about-us/alec-bogdanoff/>
Principal & Co-Founder, Brizaga, <https://brizaga.com/meet-our-team/alec>
Chair of Fort Lauderdale Chamber of Commerce Economic Resilience Committee
Video: <https://www.youtube.com/watch?v=TtxUKFNrUqY&t=9s>
4. Jay Neal, Executive Director, Federal Association for Insurance Reform (FAIR) Foundation – <https://www.fairfound.org/>
Video: <https://hurricanesafety.org/floridas-perfect-storm-extreme-weather-and-insurance/>
5. Others?

Virtual Speakers

1. Rich Sorkin, Jupiter Intelligence, testified before congress does flood risk monitoring.
<https://www.linkedin.com/in/richsorkin/>
2. Daniel Stander, Special Advisor to UN and <https://www.atlanticcouncil.org/expert/daniel-stander/>, <https://resilientcitiesnetwork.org/board/>, formerly of RMS
3. Union of Concerned Scientists staff who wrote <https://www.ucsusa.org/resources/underwater>
Kate Stahl
4. Benjamin J Keys and Phillip Mulder, University of Pennsylvania, authors of “[Neglected No More: Housing Markets, Mortgage Lending, And Sea Level Rise](#)”.