



Miami-Dade County Office of Resilience



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MITIGATION

reducing climate pollution



ADAPTATION

preparing for climate change



COMMUNICATION

engaging & connecting





305
RESILIENT

GREATER MIAMI & THE BEACHES RESILIENT305 STRATEGY



PLACES

OBJECTIVES

- ◆ Enhance Natural Systems
- ◆ Safeguard Urban Systems
- ◆ Create Mobility Options
- ◆ Increase Energy Efficiencies
- ◆ Enhance Housing Options

19 actions | **5** spotlights
11 case studies



PEOPLE

OBJECTIVES

- ◆ Cultivate Financial Stability
- ◆ Advance Public Health Priorities
- ◆ Strengthen Community Response
- ◆ Communicate the Concept of Resilience

22 actions | **13** spotlights
8 case studies



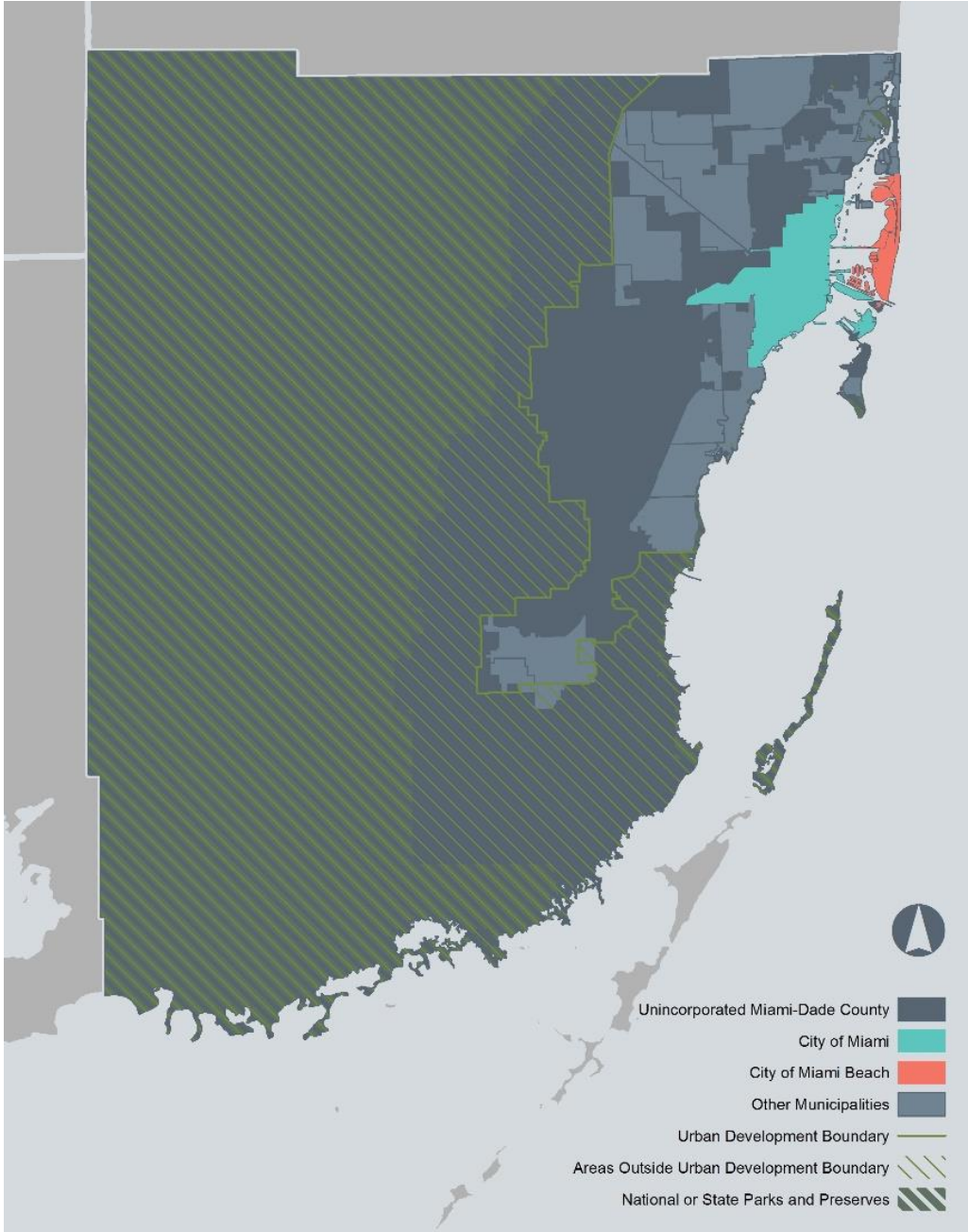
PATHWAYS

OBJECTIVES

- ◆ Pre-plan for Post Recovery
- ◆ Cultivate Resilience Expertise
- ◆ Leverage our Experience
- ◆ Develop Shared Resources
- ◆ Leverage our Dollars

18 actions | **6** spotlights
9 case studies

Inspiring resilience projects happening in every corner of GM&B



BE305 is part of the Resilient305 Strategy



**PLACES**

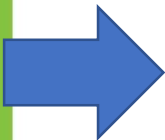
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ACTION 17: BUILDING EFFICIENCY 305

TIMEFRAME: SHORT-TERM (1-5 YEARS)

DESCRIPTION

In Miami-Dade County, energy use in buildings accounts for 37 percent of the County's energy use and climate pollution; these buildings waste an average of about 30 percent of their energy and water use due to building inefficiencies. To help mitigate these

GOAL 1: PLACES



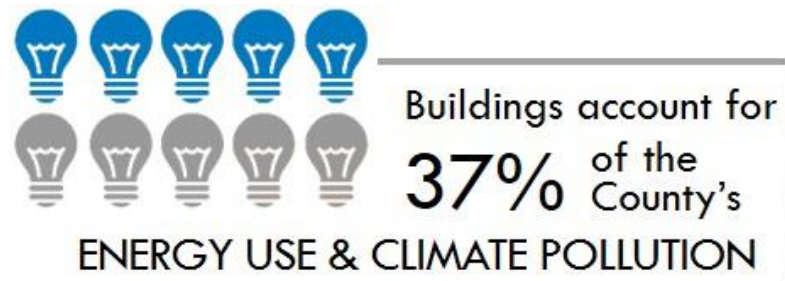
OBJECTIVE 4: INCREASE ENERGY EFFICIENCIES



HOW THIS WILL HELP US

- ◆ Improves air quality
- ◆ Improves housing affordability
- ◆ Creates community wealth
- ◆ Creates job opportunities
- ◆ Reduces water usage

The future of energy and water efficiency in our community's large buildings



4 Part Program

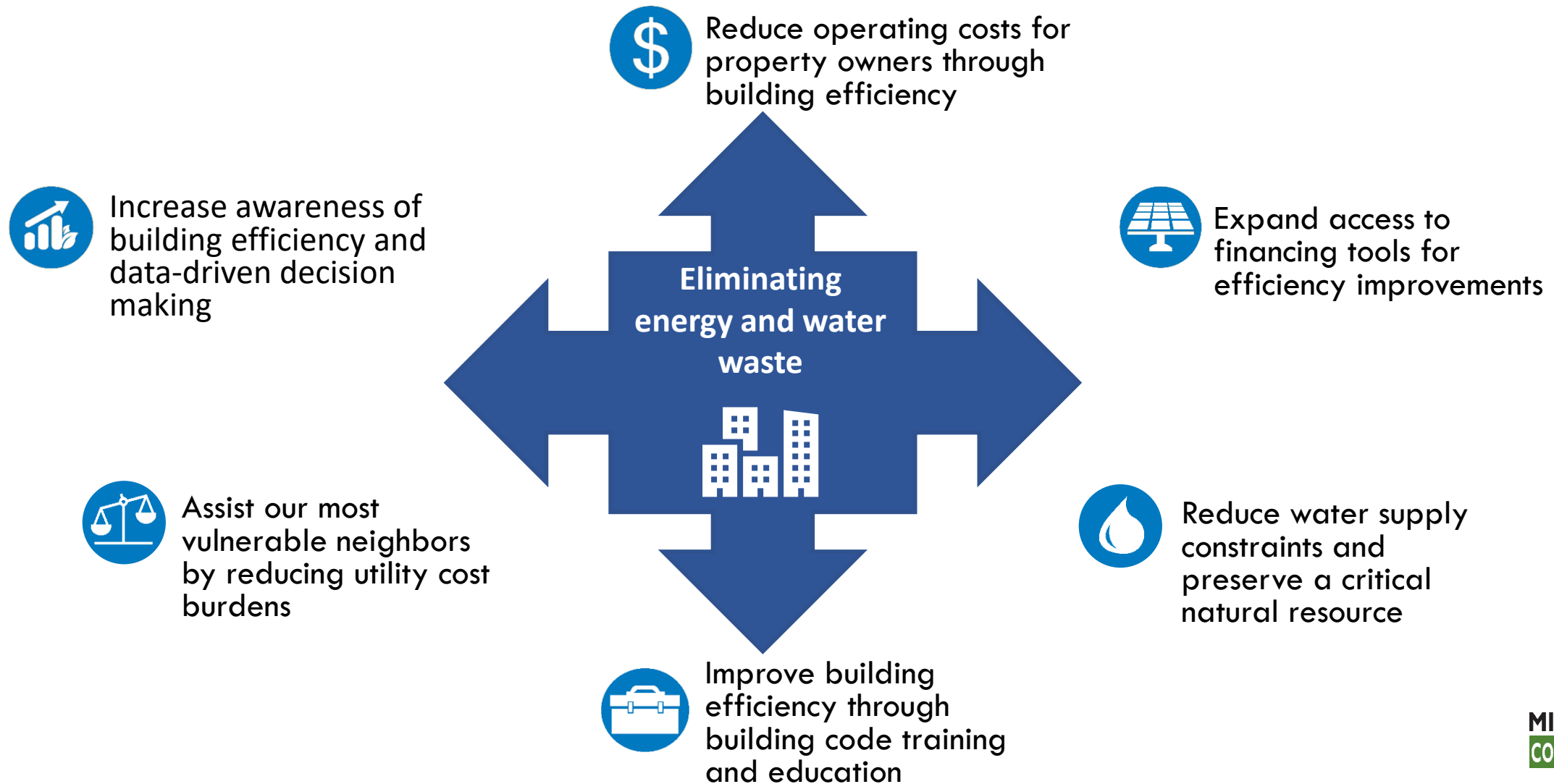
- Benchmarking buildings
- Financing (PACE + C-PACE)
- Training w/ University of Miami
- County Leadership (EnergyCAP)



Benefits


- \$37-112 millions in savings/yr
- 61 million gallons of water saved
- 1 million metric tons of GHG emission eliminated

Benefits of energy and water efficiency in existing buildings = Goals



BE305 Hub

- <https://be305about-mdc.hub.arcgis.com/>



Building Efficiency 305

The proposed Building Performance Ordinance: what it is, how to comply, useful tips and resources

Learn about requirements for building owners and managers under the proposed Building Performance Ordinance and use the resources below to get started

Communities that have passed similar policies have experienced between 1.6 and 14% savings after the first four years.

Benefits for Building Owners and Managers

- Save on utility bills
- Save on operating dollars
- Improved tenant retention

Benefits for the Community

- High-skill job creation
- Enhanced economic activity
- Water conservation
- Improved air quality

Benefits for Tenants

- Improved indoor air quality and comfort
- Ability to choose buildings with lower energy costs
- Increased consumer awareness of energy-efficient



<https://resilient305.com>



12 options to reduce emissions now

Thank You!

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www.miamidade.gov/resilience

Office of Resilience Newsletter