

*Monitor*

*Plan*

*Implement*



# Palm Beach County Responding with Resiliency



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## MISSION

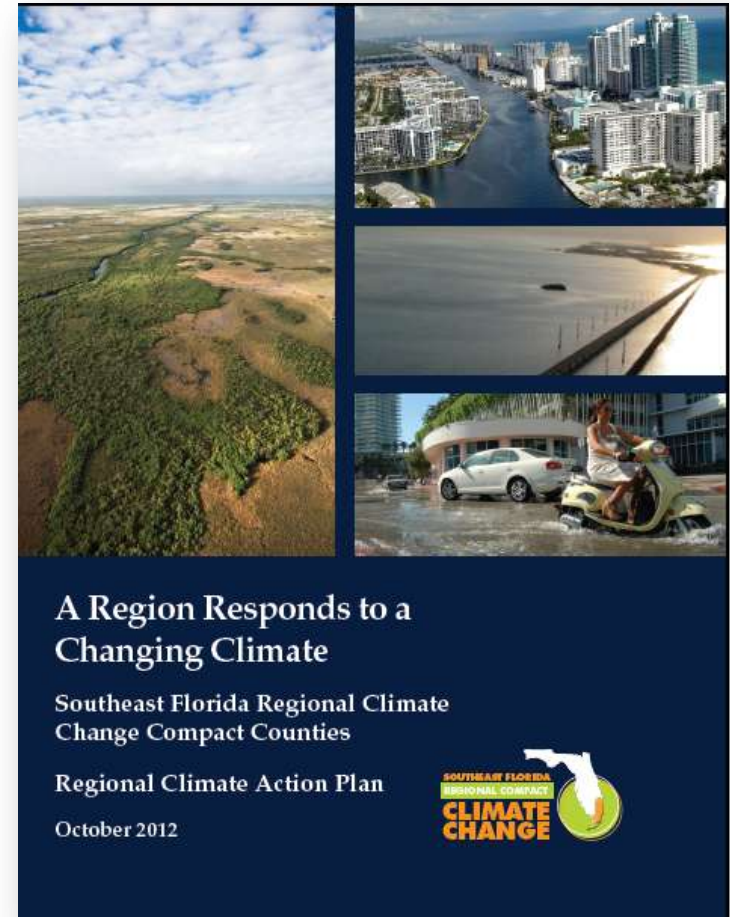
Serve as a resource, catalyst and advocate for the County's climate resilience planning, implementation activities and sustainability efforts. As the County's liaison, collaboratively translate ideas into practical application while communicating those efforts among local, state, and federal agencies, and public and private groups and individuals.

# **Southeast Florida Regional Climate Change Compact Regional Climate Action Plan (RCAP) A Year in Focus and Moving Forward Recommendations**

# Regional Climate Action Plan

PBC MPO

- Completed October 2012
- Product of 3-year planning and public process
- Details 110 mitigation & adaptation strategies across 8 planning areas
- Regional effort reflecting contributions of 135+ work group members
- Companion Implementation Guide and subsequent workshops
- **Adopted by Palm Beach County in April 2014 – Commission direction to prepare implementation scorecard**



# RCAP Scorecard

110 Recommendations : 91 Total Actionable Recommendations  
**80% of actionable items supported by County practices**

RCAP Category	Total	Supporting County Practices	Planned Future Action
Sustainable Communities & Transportation Planning*	27	17	12
Water Supply, Management & Infrastructure	13	9	2
Natural Systems	14	14	1
Agriculture	5	3	0
Energy and Fuel	5	4	0
Risk Reduction & Emergency Management	7	5	4
Public Outreach	10	10	1
Public Policy	10	10	0
<b>Total</b>	<b>91</b>	<b>72 (80%)</b>	<b>20</b>

# Supportive County Practices

PBC MPO

- |  |                  |
|--|------------------|
| • Complete Streets   | MPO, Engineering |
| • Comprehensive Plan Policies                              | Planning         |
| • Palm Beach Commuter Challenge                            | MPO              |
| • Signal Timing for Improved Traffic Flow                  | Engineering      |
| • Energy Efficiency and Diversification of Water Resources | Water Utilities  |



Plan your trip with Transit App | Track your miles commuted  
Improve your health | Save money | Help the environment



# Supportive County Practices

PBC MPO

• Living Shorelines	ERM
• Retrofit of Sports Field Lighting	Parks & Recreation
• Energy Committee PPM and Energy Tracking Software	FDO
• Fixed Route Bus Fleet 40 Hybrid Electric Buses / 156 Vehicles	Palm Tran
• Connection 50 Propane Fueled/241 Vehicles	Palm Tran
• 181 Hybrids	FDO
• Outreach and Viability of Agriculture	ERM & Cooperative Extension
• Updated Flood Maps, and Discussion with CRS and LMS Groups, Review for Fit with PDRP	Emergency Management



# Building on the County's Sustainable Practices



Sustainably sourced and recycled paper products

Multi-Function Device Management Committee



Update PBC webpage, workshops, presentations

# Year in Focus and Moving Ahead

- Regional Coordination
- Interdepartmental Resiliency Team
- Sustainable Municipalities Work Group
  
- Finalize GHGe Inventory for Palm Beach County
- Updated vulnerability analysis
- Identification of data needs for potential integrated ground/surface water model
  
- 8<sup>th</sup> Annual Climate Leadership Summit – October 5-6, 2016
- RCAP Update



# What are municipalities doing?

PBC MPO

## Adaptation

- Infrastructure sales tax assessment
- Adaptation Action Area adoption
- Flood and stormwater retrofits and planning
- Freeboard
- Adoption/use of unified SLR projections

## Mitigation

- LEED standards for new buildings
- Complete Streets
- PACE
- Infrastructure Sales Tax language
- Outreach and community programs

## Coordination and communication

- RCAP update
- Annual Climate Leadership Summits
- Participation in local/regional dialog
- Educational opportunities



# What are other municipalities doing?

PBC MPO

## Adaptation

- Infrastructure sales tax assessment
- Adaptation Action Area adoption
- Flood and stormwater retrofits and planning
- Freeboard
- Adoption/use of unified SLR projections

## Mitigation

- LEED standards for new buildings
- Complete Streets
- PACE
- Infrastructure Sales Tax language
- Outreach and community programs

## Coordination and communication

- RCAP update
- Annual Climate Leadership Summits
- Participation in local/regional dialog
- Educational opportunities



WHEREAS, the County, recognizing Southeast Florida is one of the most vulnerable areas in the country to the impacts of climate change, especially sea level rise, joined with Broward, Miami-Dade, and Monroe Counties to adopt the Southeast Florida Regional Climate Change Compact in 2009-2010 and reaffirmed in 2015 to address and collaborate on the issues of climate change; and

WHEREAS, the County, understanding the importance of building long term resilience and sustainability into County operations, projects, plans, and procedures, has determined projects funded in whole or in part by the sales tax revenue will include an assessment of long term resilience and sustainability measures using climate adaptation/mitigation and sustainability principles, in the design and construction of projects and will provide a description of how the implementing department will apply the results of the assessment; and

Section XX: The Board [language similar to the other sections here] directs County staff to develop guidance for projects funded in whole or in part by the sales tax revenue to undertake and implement an assessment of long term resilience and sustainability measures using climate adaptation/mitigation and sustainability principles, in the design and construction of projects. County staff responsible for these projects will provide a description of how the implementing department will apply the results of the assessment.

Southeast Florida Regional Climate Change Compact  
[www.southeastfloridaclimatecompact.org](http://www.southeastfloridaclimatecompact.org)

8<sup>th</sup> Annual Climate Leadership Summit  
[www.ClimateLeadershipSummit.com](http://www.ClimateLeadershipSummit.com)

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