

**PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS**

AGENDA ITEM SUMMARY

Meeting Date: November 30, 2010 [] Consent [X] Regular
[] Ordinance [] Public Hearing

Department

Submitted By: Administration

Submitted For: Administration

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to adopt:

- A) Southeast Florida Regional Climate Change Compact Counties 2011 State and Federal Energy and Climate Legislative Program; and
- B) Resolution addressing Participation of the Southeast Florida Regional Climate Change Compact Member Counties in the ICLEI Climate Resilient Communities Program.

Summary: On January 20, 2010, Palm Beach, Broward, Miami-Dade and Monroe Counties (Compact Counties) ratified the Southeast Florida Regional Climate Change Compact (Compact). The Compact calls for the development of joint State and Federal policies representative of shared climate change challenges and priorities and to advocate for increased state and federal funding for mitigation and adaptation projects. The policies included in the legislative program were developed and approved by the Climate Compact Steering Committee. The Resolution obligates the Compact Counties to consider the following milestones identified by ICLEI-Local Governments for Environmental Sustainability: completion of a climate resiliency study; prioritizing areas for action and setting goals; publishing a climate resilience action plan; implementing the plan; and monitoring, reporting and reevaluating the plan. The Compact Counties will also be encouraging individual municipalities and the local leagues of cities to support the Regional Climate Change Compact and to participate in the Regional Climate Change Action Plan development process. Countywide (GB)

Background and Justification: On October 23, 2009, Palm Beach County participated in the first Southeast Florida Regional Climate Leadership Summit in partnership with Broward, Miami-Dade and Monroe Counties. The Climate Change Compact ratified shortly thereafter, was designed to help insure a resilient and sustainable Southeast Florida and to foster partnerships among the participating entities. The Compact requires that the County develop joint state and federal climate and energy-related policy positions, create a regional climate team for the purpose of constructing a regional action plan, and convene an annual climate leadership summit. The second annual Regional Climate Leadership Summit was held recently in Miami.

Attachments:

- 1. Compact Counties Energy and Climate Legislative Program – 2011
- 2. Resolution
- 3. Compact

Recommended By: NA

Department Director

Date

Approved By: [Signature]

Assistant County Administrator

11/23/10

Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
Capital Expenditures	_____	_____	_____	_____
Operating Costs	<u>-0-</u>	_____	_____	_____
External Revenue	<u>-0-</u>	_____	_____	_____
Program Income (County)	_____	_____	_____	_____
In-Kind Match (County)	<u>-0-</u>	_____	_____	_____
NET FISCAL IMPACT	<u>\$</u>	_____	_____	_____
# ADDITIONAL FTS POSITIONS (Cumulative)	_____	_____	_____	_____

Is Item Included In Current Budget: Yes _____ No _____
 Budget Account No.: Fund _____ Dept. _____ Unit _____ Obj. _____
 Program Code _____ Program Period: _____

B. Recommended Sources of Funds/Summary of Fiscal Impact:

* There is no direct fiscal impact associated with this item. However, County obligations will require an undetermined amount of staff time which will be absorbed by existing personnel or assigned to future grant-funded position(s). Any other expenses that may arise from this effort will be incorporated in future budget requests and/or agenda items.

Departmental Fiscal Review:

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Administration Comments:

N. Davis 11/24/10
 OFMB
 11/23/10

Dr. J. ... 11/24/10
 Contract Administration

B. Legal Sufficiency:

[Signature] 11/24/10
 Assistant County Attorney

C. Other Department Review:

 Department Director

This summary is not to be used as a basis for payment.

**SOUTHEAST FLORIDA REGIONAL CLIMATE CHANGE COMPACT COUNTIES
2011 STATE AND FEDERAL ENERGY AND CLIMATE LEGISLATIVE PROGRAM**

On January 20, 2010, Broward, Palm Beach, Miami-Dade and Monroe Counties (Compact Counties) ratified the Southeast Florida Regional Climate Change Compact (Compact). The Compact calls for the development of joint State and Federal policies representative of shared climate change challenges and priorities and to advocate for increased state and federal funding for mitigation and adaptation projects.

In pursuit of achieving the shared goal to enhance regional adaptation projects, the Compact Counties jointly developed and advocated to Congress for support of the 2010 Southeast Florida Climate Adaptation Pilot Project, a model for regional collaboration in climate change adaptation planning and a project of potential national significance.

In support of the Climate Compact, Sections 1 – 4, and in recognition of the value of collaboration and joint advocacy, the (Boards of County Commissioners and or Mayors/Managers) supports the Southeast Florida Regional Climate Compact Counties 2011 State and Federal Energy and Climate Legislative Program which is as follows:

PRIORITY POLICIES

FEDERAL - legislation, direct or indirect appropriations, or any other policy vehicle that will provide funding for the 2011/2012 Regional Adaptation Pilot Project Proposal.

STATE – legislation that establishes a renewable energy portfolio standard for the State of Florida and that adopts a standard of 20% renewable energy by 2020.

FEDERAL AND STATE – recognition in law of a definition of regional **Adaptation Action Area** for the purpose of focused funding, research and technical assistance.

FEDERAL POLICIES

- **SUPPORT** - greater Congressional recognition of adaptation as a critical climate change issue in the development of all legislation and appropriations priorities;
- **SUPPORT** - specific recognition of an “*Adaptation Action Area*” through designation or any other appropriate policy tool, in federal legislation for those areas, such as Southeast Florida, that are uniquely vulnerable to climate impacts, including sea level rise, to encourage enhanced research, technical assistance, and increased funding (direct and competitive) opportunities to these areas based on their vulnerability;
- **SUPPORT** – federal climate legislation that includes: local government funding; adaptation program and funding; and technical assistance to state and local governments in developing multi-sector mitigation and adaptation plans covering natural systems, human health and the built environment;
- **SUPPORT** – federal legislation that furthers local Property Assessed Clean Energy (PACE) efficiency and renewable energy improvements. To ensure the strongest foundation on which to succeed in Florida and around the Nation, it is imperative that the Congress pass legislation that removes barriers to PACE and PACE like programs to ensure broad applicability and access for residential and

commercial interests and provides sufficient Congressional guidance for property owners, lenders and investors protections;

- OPPOSE – oil drilling and exploration in Federal waters on Florida's Outer Continental Shelf;
- SUPPORT - continued focus on Everglades Restoration as essential component of building regional climate resilience;
- SUPPORT - Amendment of the National Flood Insurance Act of 1968, National Flood Insurance Program (NFIP) to provide for the NFIP to make available multiperil coverage for a national catastrophic insurance fund.

FEDERAL POLICIES – Appropriations and Funding

- SUPPORT - the 2011/2012 Southeast Florida Regional Climate Adaptation Pilot Project Proposal for \$2 million for Phase I of a multiphase project to provide tools for the development and implementation of a regional climate change adaptation strategy for SE Florida;
- SUPPORT – continued funding in FY 201/2012 and beyond for the Department of Energy's Energy Efficiency and Conservation Block Grant program;
- SUPPORT - funding for weatherization programs provided by the U.S. Department of Energy that work in conjunction with My Safe Florida Home to harden buildings against windstorm impacts;
- SUPPORT - continued and expanded funding for the Federal Emergency Management Administration's natural hazard mitigation programs to include mitigation for hazards associated with global climate change impacts;
- SUPPORT – funding for HUD Sustainable Communities Program for the 7 county South Florida Regional Partnership Consortium project;
- SUPPORT – funding federal programs that provide technical assistance for counties to review and revise their comprehensive plans and land development regulations or codes to incorporate climate change mitigation and adaptation planning strategies.

STATE POLICIES

- SUPPORT - passage of a bill by the Florida Legislature that establishes a renewable energy portfolio standard of 20% renewable energy by 2020 and which defines renewable energy sources as wind, solar, geothermal, biomass, landfill gas, qualified hydropower, and marine and hydrokinetic energy and also including nuclear energy;
- SUPPORT - continued development and implementation of the state comprehensive climate change action plan, energy policies, and other initiatives to reduce carbon dioxide and other compounds in the atmosphere which will help provide solutions to present and future generations, including ecosystem

sustainability, long term water supply, flood protection, public health and safety, and economic growth and prosperity;

- SUPPORT - greater incorporation of adaptation strategies in the development and implementation of state climate and energy legislation and appropriations priorities;
- SUPPORT - naming Southeast Florida, through an Executive Order or other means, a Pilot Adaptation Action Area;
- OPPOSE - any efforts of the Florida Legislature to lift the ban on oil drilling within Florida's Territorial Waters;
- SUPPORT - expansion of criteria under the Florida Communities Trust land acquisition program to enable local governments to purchase (both fee simple & easements) parcels to serve as buffers to sea level rise, storm surge, community flooding, and other adverse impacts of climatic events;
- SUPPORT - continued focus on Everglades Restoration as essential component of securing regional water supply and building regional climate resilience;
- SUPPORT - development of alternative energy sources and programs that provide incentives for local governments to assist in state energy policies such as green building and carbon emission reductions;
- SUPPORT - the Florida Department of Transportation's initiative to incorporate climate adaptation considerations in the current round of statewide transportation planning.

STATE POLICIES – Appropriations and Funding

- SUPPORT – funding for the Florida Solar Rebate Program and call for the Florida Legislature to fund the \$52.7 M backlog of unpaid solar energy rebates;
- SUPPORT - funding for My Safe Florida Home to harden buildings against windstorm impacts in conjunction with weatherization funding provided by the U.S. Department of Energy;
- SUPPORT – State legislation that would provide technical assistance and funding for local governments to review and revise their comprehensive plans and land development regulations or codes to incorporate climate change mitigation and adaptation planning strategies;
- SUPPORT - alternative water supply funding to support communities vulnerable to climate change and saltwater intrusion.

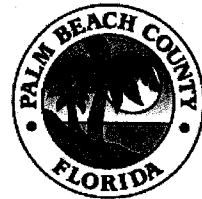
Advocacy to Governor and Cabinet Transition Teams

- SUPPORT - efforts that focus on ensuring that regional climate change needs are addressed and prioritized by incoming administrations during the upcoming statewide executive transition processes for Governor, Attorney General, Chief Financial Officer and Agriculture Commissioner;



SOUTHEAST FLORIDA

CLIMATE
CHANGE



Participation of the Southeast Florida Regional Climate Change Compact Member Counties in the ICLEI Climate Resilient Communities Program

WHEREAS, there is consensus among the world's leading scientists that global climate change is among the most significant problems facing the world today; and

WHEREAS, the United States Environmental Protection Agency has determined that climate change, in conjunction with changes in land use and demographics, will affect important human dimensions in the United States, especially those related to human health, settlements and welfare; and

WHEREAS, Florida is considered one of the most vulnerable areas in the country to the consequences of climate change with Southeast Florida on the front line to experience the impacts of climate change, especially sea level rise; and

WHEREAS, Broward, Miami-Dade, Palm Beach and Monroe Counties (Compact Counties) as the four counties party to the Southeast Florida Regional Climate Change Compact have demonstrated national and international leadership through the formation and execution of the Compact; and

WHEREAS, local and regional governments, and Southeast Florida as a whole, must give significant consideration to adaptation strategies designed to protect public infrastructure, property, water resources, natural areas and native species, and basic quality of life; and

WHEREAS, the four counties of Southeast Florida have independently joined ICLEI as Full Members and are currently participating in the ICLEI Climate Mitigation Campaign; and

WHEREAS, local government actions taken to prepare for climate change impacts provide multiple local benefits by building a more resilient economy, and by helping to reduce the physical impacts and costs to people, property and resources associated with a changing climate; and

WHEREAS, the organization ICLEI–Local Governments for Sustainability USA has invited the four counties of the Southeast Florida Regional Climate Change Compact to participate in their Climate Resilient Communities adaptation Program; and

WHEREAS, the Compact Counties recognize that climate adaptation planning is paramount to the establishment of Climate Resilient Communities, consistent with priorities of the Compact Counties and efforts being undertaken in development of a Regional Climate Change Action Plan; and

WHEREAS, the Compact Counties further recognize that collaboration and partnerships between all governments, particularly those involving local municipalities within the region, will help develop regional planning strategies that will ensure the environmental, economic and social sustainability and climate resilience of Southeast Florida; and

WHEREAS, local municipalities within the Southeast Florida region are formally invited to participate with the Compact Counties in the Regional Climate Team planning process to develop the Southeast Florida Regional Climate Change Action Plan and the incorporation of the ICLEI Climate Resilient Communities Five Milestone process into the Action Plan.

NOW THEREFORE, BE IT RESOLVED BY THE BOARDS OF COUNTY COMMISSIONERS OF THE FOUR COUNTIES OF SOUTHEAST FLORIDA:

SECTION 1: That each county will participate in the ICLEI Climate Resilient Communities adaptation Program and pledge to promote public awareness about the causes and impacts of climate change.

SECTION 2: That each county will consider the Climate Resilient Communities Five Milestones in both individual county and regional climate adaptation planning efforts. The Five Milestones include:

- (a) Conducting a climate resilience study,
- (b) Prioritizing areas for action and setting goals,
- (c) Publishing a climate resilience action plan,
- (d) Implementing the plan, and
- (e) Monitoring, reporting and re-evaluating the plan.

SECTION 3: That the Compact Counties will seek to address the Climate Resilient Communities' Five Milestones in the development of the Southeast Florida Regional Climate Change Action Plan.

SECTION 4: That the Compact Counties encourage individual municipalities and the local Leagues of Cities to support the implementation of the Southeast Florida Regional Climate Change Compact and to consider participation in the Regional Climate Team process to develop the Southeast Florida Regional Climate Change Action Plan.

Broward County

Miami-Dade County

Monroe County

Palm Beach County

Attachment 3



Regional Climate
LEADERSHIP SUMMIT



Southeast Florida Regional Climate Change Compact

WHEREAS, there is consensus among the world's leading scientists that global climate change is among the most significant problems facing the world today; and

WHEREAS, Florida is considered one of the most vulnerable areas in the country to the consequences of climate change with Southeast Florida on the front line to experience the impacts of climate change, especially sea level rise; and

WHEREAS, Broward, Miami-Dade, Palm Beach and Monroe Counties, herein the four counties that constitute the Southeast Florida Region, share in common a strong quality of life rooted in the region's rich cultural heritage, vigorous economy, and environmental resources of global significance; and

WHEREAS, the aforementioned four counties of Southeast Florida, which represent approximately 30% of the population of the State of Florida, are physically linked one to the other by the Atlantic Ocean coastline and share some of the world's most renowned natural resources such as the Everglades, our unique coral reefs, beautiful beaches, and fragile Keys ecosystem; and

WHEREAS, the four counties of Southeast Florida and their respective populations, totaling more than five million residents, are expected to share in disproportionately high risks associated with climate change due to low land elevations, rising sea level projections, and anticipated increases in tropical storm events; and

WHEREAS, rising sea levels could limit the effectiveness of critical drainage infrastructure, endanger beaches, and coastal natural resources and increase incidents of saltwater intrusion on the Biscayne Aquifer – putting at risk the drinking water supply for the entire population of Southeast Florida; and

WHEREAS, local governments, and the region as a whole, must give significant consideration to adaptation strategies designed to protect public infrastructure, property, water resources, natural areas and native species, and basic quality of life; and

understanding that no county will work at cross-purposes with the other counties. The Action Plan could, at a minimum, include the following components:

- (a) A baseline of greenhouse gas emissions for Southeast Florida;
- (b) Strategies for coordinated emission reductions throughout the built environment to include the use of energy efficiency, energy conservation, and the use of demand-side renewable energy resources;
- (c) Strategies for coordinated emission reductions from the transportation sector to include increased reliance on public transit, emerging vehicle technologies, and advanced biofuels;
- (d) Strategies for coordinated emission reductions resulting from changes in local and regional land use;
- (e) Strategies for the coordinated regional preparation for and adaptation to a rapidly changing global environment based upon regional mapping of projected sea-level rise and any resulting amplification of localized impacts of tropical cyclone events. Such strategies shall incorporate climate preparation concerns for the regional economy, regional infrastructure and the built environment, social and cultural needs, and natural systems within the four counties party to this compact.

SECTION 7: That each county shall commit to participating with other counties party to this compact in hosting the Second Southeast Florida Regional Climate Change Summit in October, 2010.



Adopted December 8, 2009



Adopted December 1, 2009



Adopted January 20, 2010¹*



Adopted December 15, 2009

*City of Key West: Resolution of support for the Compact – December 15, 2009

¹ Second adoption date following minor changes made by partnering Counties