



INSTITUTE FOR
Sustainable
Communities

Southeast Florida Regional Climate Change Compact

RCAP Implementation Workshop: Transportation

April 30, 2015



WELCOME!

RCAP Implementation Workshop: Transportation

Our Goal

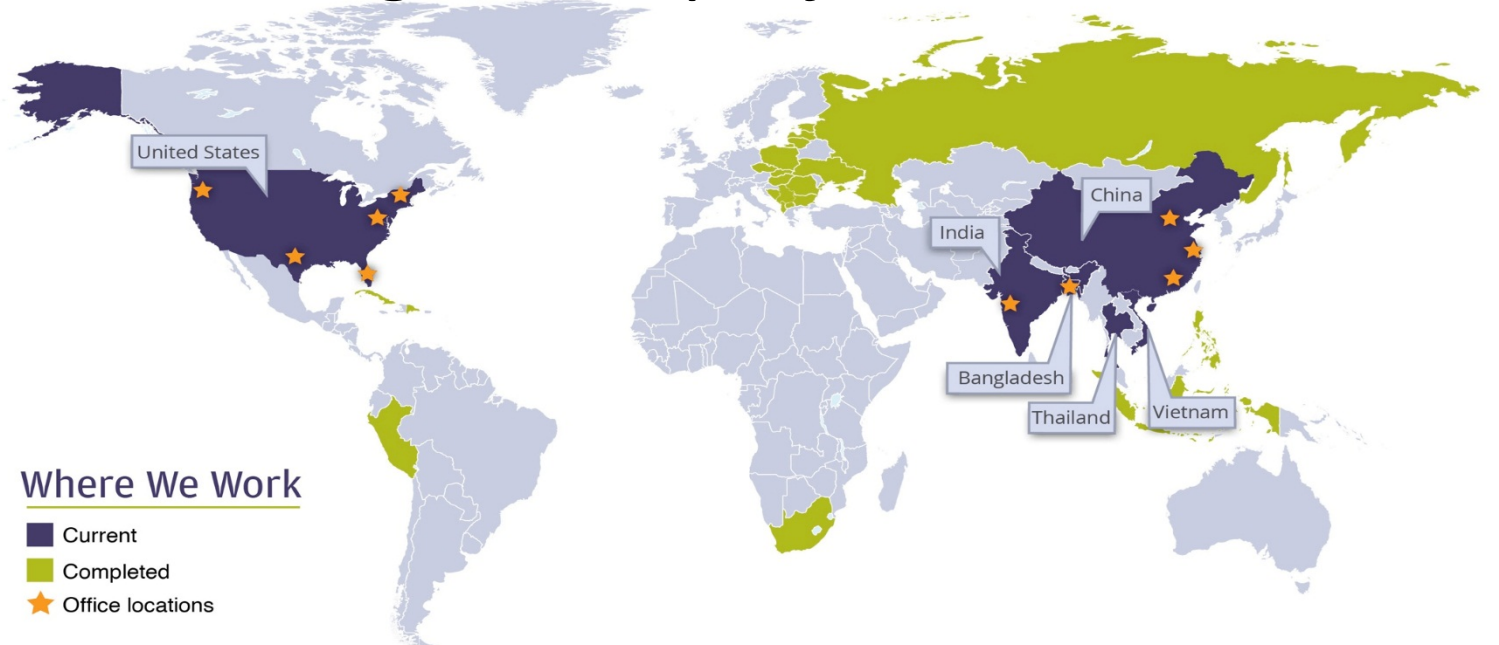
Help you do your jobs even better by providing **TRAINING** and **ACCESS** to

- High-caliber information
- Expertise
- Each other

At ISC, our global mission is...

...to help **COMMUNITIES** around the world address environmental, economic, and social challenges to build a better future shaped and shared by all.

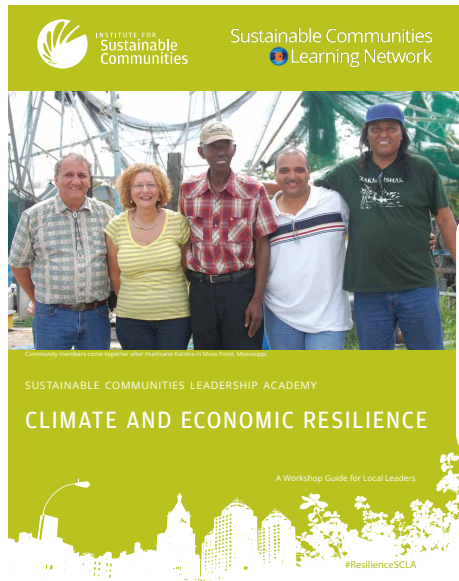
ISC has managed **103** projects in **30** countries



Approach to Capacity-building



Peer-learning & training workshops



Efficient access to high-caliber information

On-going support/direct engagement

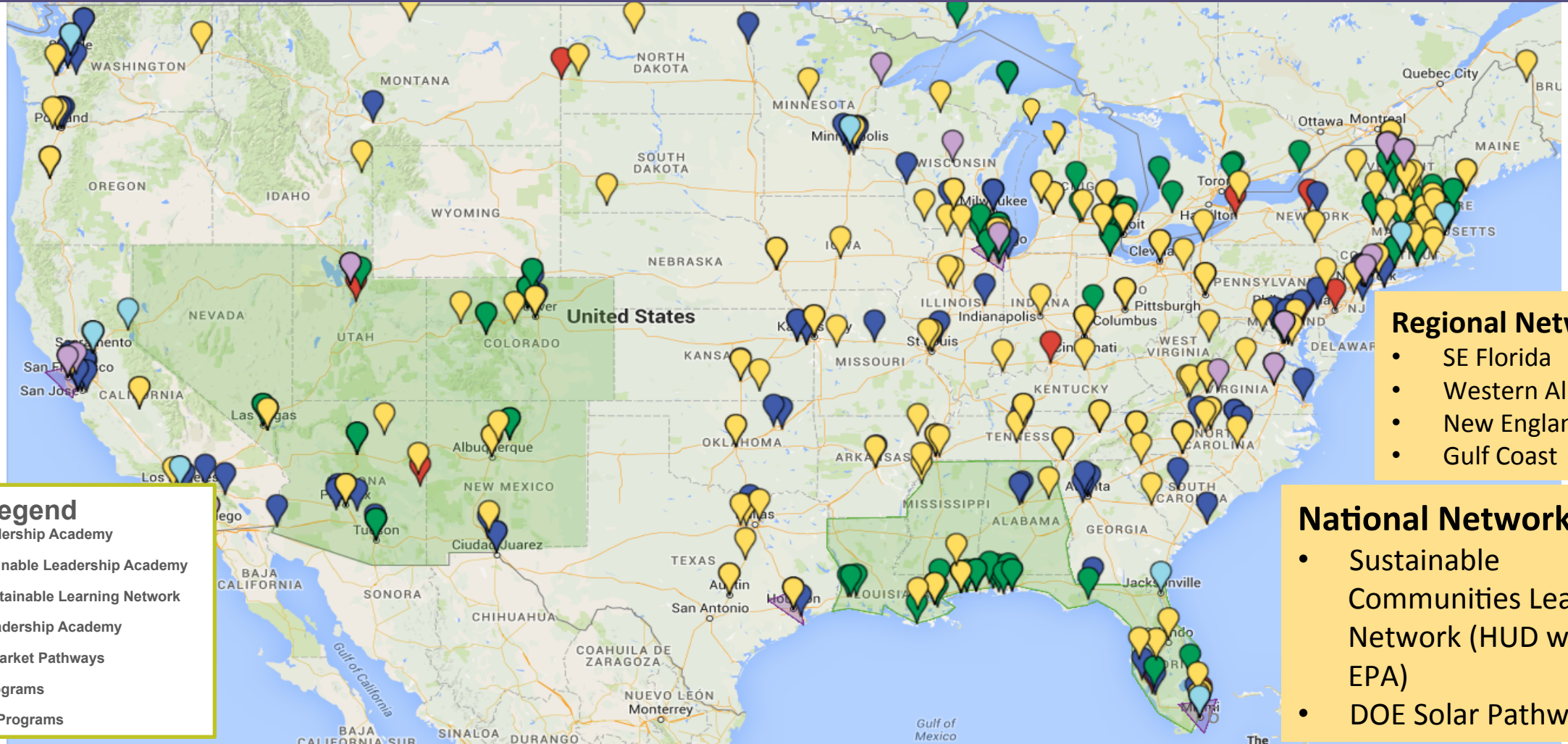


US Communities Served (so far)

380+ Teams

500+ Communities

2,200+ Practitioners



Regional Networks:

- SE Florida
- Western Alliance
- New England
- Gulf Coast

National Networks:

- Sustainable Communities Learning Network (HUD with EPA)
- DOE Solar Pathways

Legend

- Climate Leadership Academy
- Urban Sustainable Leadership Academy
- National Sustainable Learning Network
- Regional Leadership Academy
- DOE Solar Market Pathways
- Regional Programs
- Metro-scale Programs

Southeast Florida Regional Climate Change Compact



SOUTHEAST FLORIDA
REGIONAL COMPACT
CLIMATE CHANGE



www.southeastfloridaclimatecompact.com

Implementation support to
the Compact is provided by:



INSTITUTE FOR
Sustainable
Communities

With funding
support from:

THE KRESGE FOUNDATION

Agenda

- Morning Sessions with Breaks
- Lunch
- Afternoon Sessions

We Want to Hear from You

- You own the event!

We Want to Hear from You

- You own the event!
- Real-time feedback is ALWAYS welcome!

We Want to Hear from You

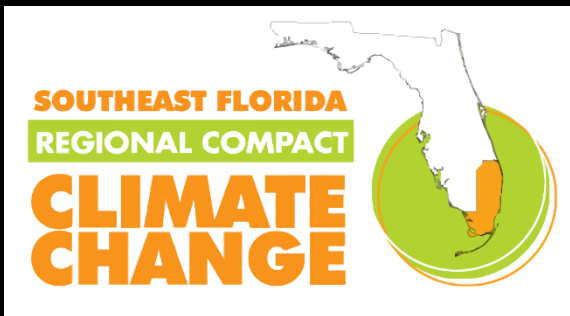
- You own the event!
- Real-time feedback is ALWAYS welcome!
- Follow up Survey: we pay attention!

Thank you!

Nancy Schneider
nschneider@iscvt.org



think globally, act regionally



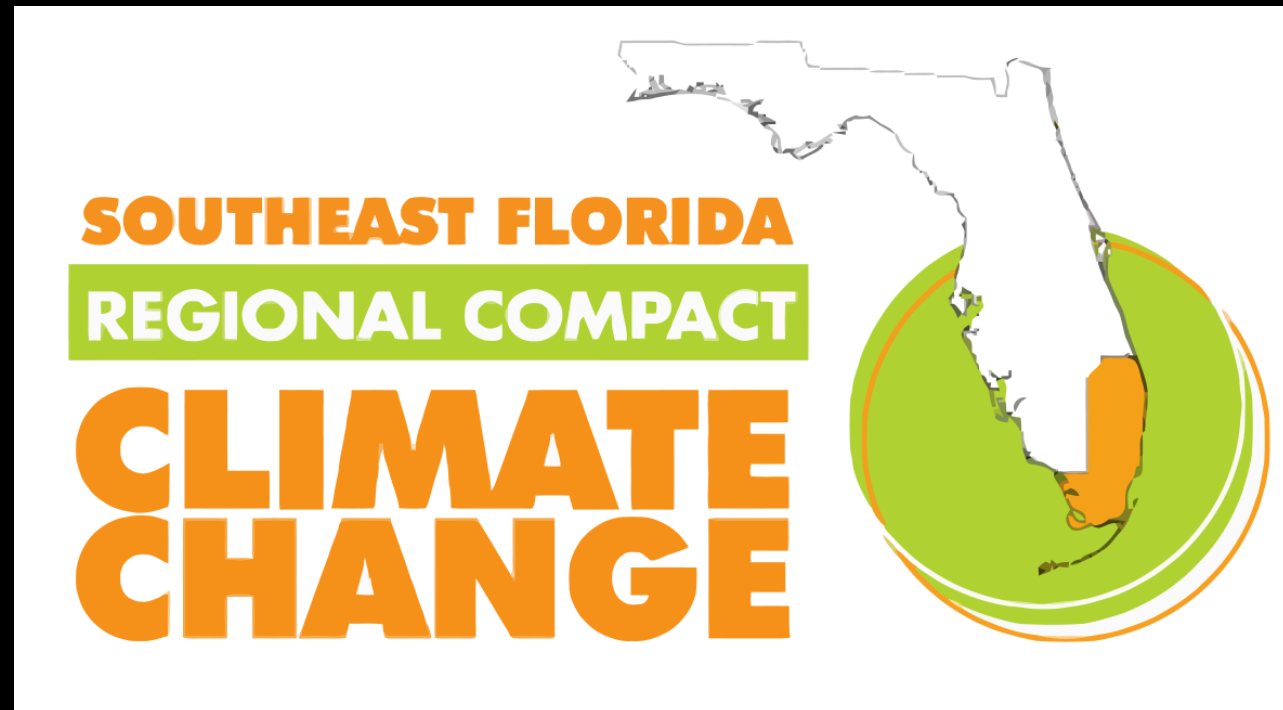
southeast florida regional climate change

Jason Liechty

environmental projects coordinator

broward county

the southeast florida regional climate change compact



dual identity

- **strictly speaking:**

an agreement by palm beach, broward, miami-dade, and monroe counties to work collaboratively on climate issues

Southeast Florida Regional Climate Change Compact

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

SECTION 1: That each county shall work in close collaboration with the aforementioned counties of Southeast Florida party to this compact to develop a joint policy position urging the United States Congress to pass legislation that recognizes the unique vulnerabilities of Southeast Florida to the impacts of climate change and to further a joint policy position that includes specific recommendations regarding the allocation of federal climate change funding based on vulnerability to climate change impacts. Such recommendations might include designation of areas of Southeast Florida as uniquely vulnerable and of federal interest for the purpose of securing enhanced levels of federal participation in regional adaptation projects.

SECTION 2: That each county shall work in close collaboration with the other counties party to this compact to develop additional legislative policy statements relating to global climate change and future legislation to be considered by the Congress of the United States for transmittal to the Congressional Delegation representing, in part or in whole, districts within the area covered by this compact.

SECTION 3: That each county shall work in close collaboration with other counties party to this compact in developing joint position statements on proposed State legislation and energy/climate policies including but not limited to issues such as the region's energy and climate security and a renewable energy portfolio standard that defines renewable energy sources as wind, solar, geothermal, biomass, landfill gas, qualified hydropower, and marine and hydrokinetic energy, and also including nuclear energy, and to collaborate on other emerging energy/climate issues that may be considered by the 2010 Florida Legislature for transmittal to the Legislative Delegation representing, in part or in whole, districts within the area covered by this compact.

SECTION 4: That each county shall work with other counties party to this compact in developing joint position statements for future State legislation that may be considered by the Florida Legislature for transmittal to the Legislative Delegation representing, in part or in whole, districts within the area covered by this compact.

dual identity

- more broadly:

a way of describing the working relationships and collaborative efforts taking place



genesis



- arose out of shared recognition of regional vulnerabilities and challenges
- october 2009: leaders from the four counties convene first summit
- january 2010: ratification by all four counties complete



governance

- staff steering committee
 - 2 members from each county
 - 1 municipal member from each county
 - non-voting representatives
 - usually operates by consensus

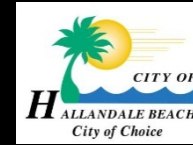


governance

- teams and working groups
 - policy
 - summit
 - sea level rise projection
 - municipal
 - greenhouse gas emissions inventory
 - indicators
- institute for sustainable communities (isc) support
- future structure and financing under review

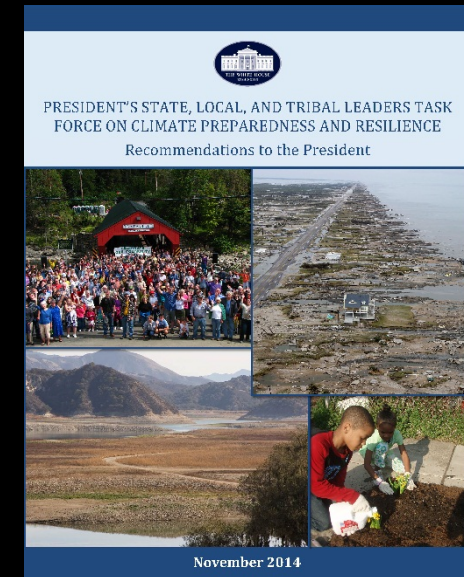


collaborating partners



national/international model

- interest in replication in other parts of florida/united states
- frequent media coverage
- recognition in National Climate Assessment
- representation on presidential task force on climate
- international exchanges



four commitments

- annual climate leadership summits
- regional tools
- regional climate action plan (RCAP)
- policy and resource coordination

annual climate leadership summits


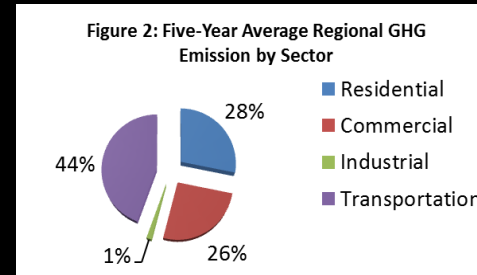


2015 summit: december 2 and 3 in key west


regional tools

Analysis of the Vulnerability of Southeast Florida to Sea Level Rise

Southeast Florida Regional Climate Change Compact
Inundation Mapping and Vulnerability Assessment
Work Group
August 2012





Southeast Florida Regional Climate Compact
Regional Greenhouse Gas Emissions Inventory
Baseline Period: 2005 - 2009



Produced by the Regional Compact
GHG Inventory Working Group

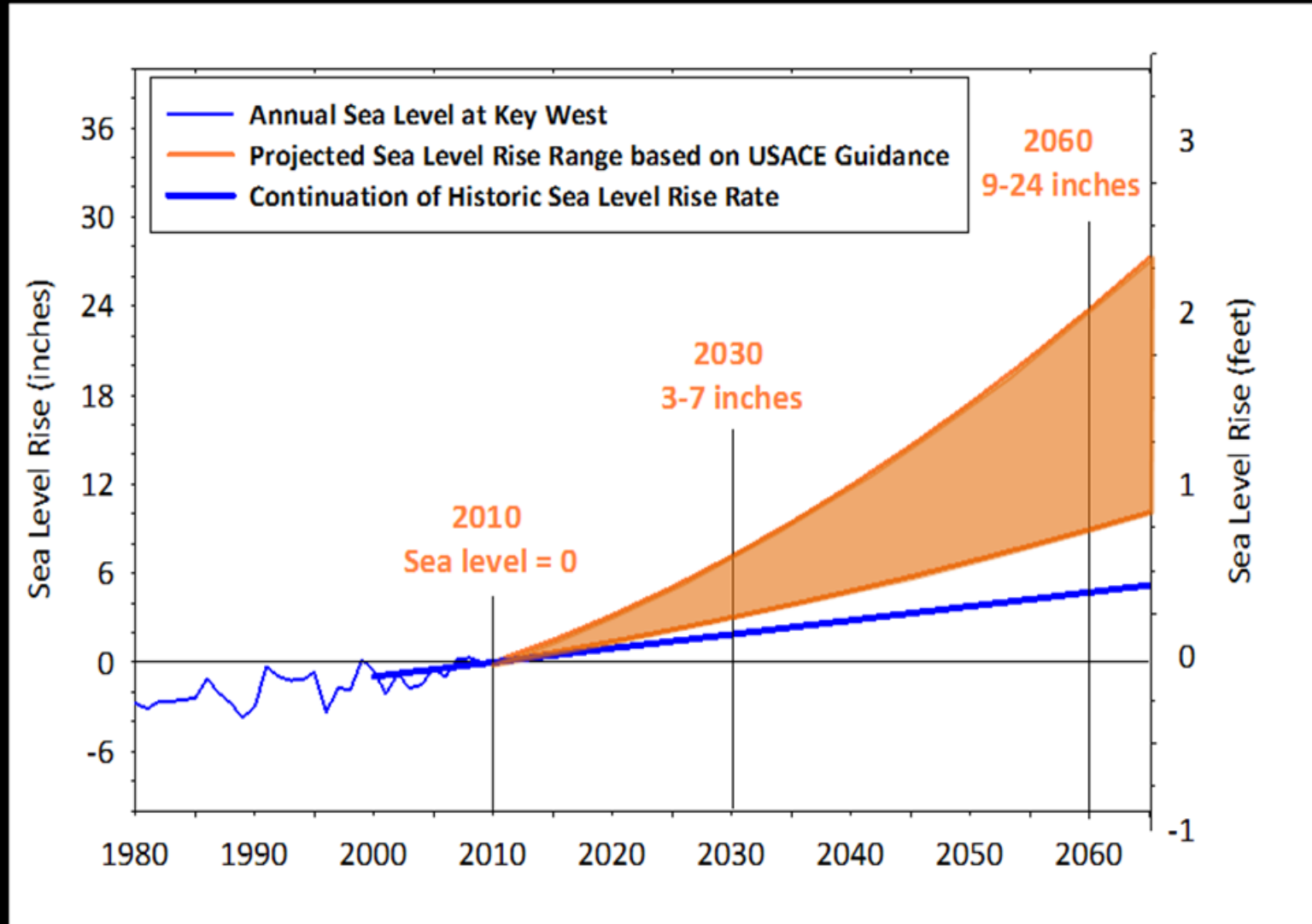
November 2011



<i>Taxable Value of Property Impacted</i>				
	Monroe	Broward	Palm Beach	
1 foot	\$ 2,763,294,786	\$ 403,069,831	\$ 396,618,089	
2 foot	8,388,138,219	1,751,104,870	1,251,877,561	
3 foot	15,087,755,147	6,900,509,868	3,559,471,158	

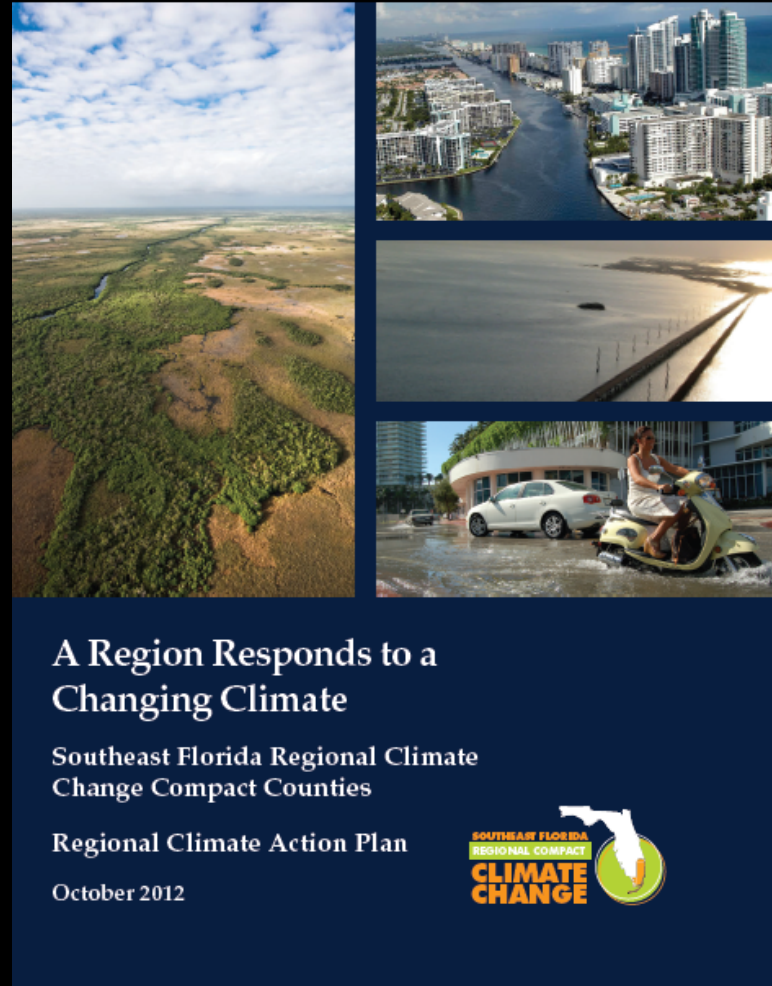
regional tools

unified sea
level rise
projection



regional climate action plan

- completed october 2012
- fully adopted by four counties as of april 2014
- product of 3-year planning and public process
- reflects contributions of 135+ work group members
- includes companion implementation guide



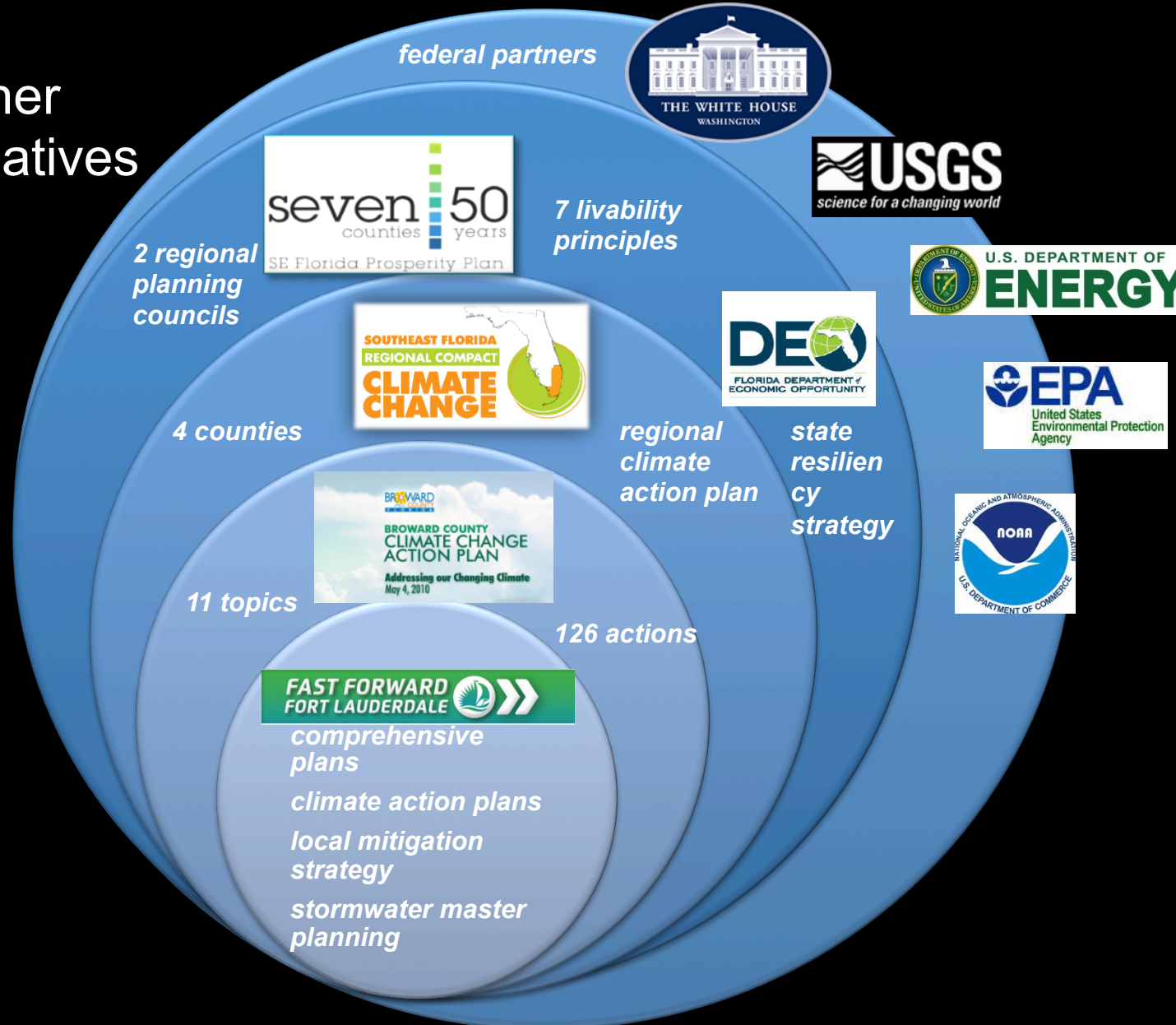
regional climate action plan

- details 110 recommendations across 7 planning areas
 - sustainable communities and **transportation planning**
 - water supply, management, and infrastructure
 - natural systems
 - agriculture
 - energy and fuel
 - risk reduction and emergency management
 - outreach and public policy



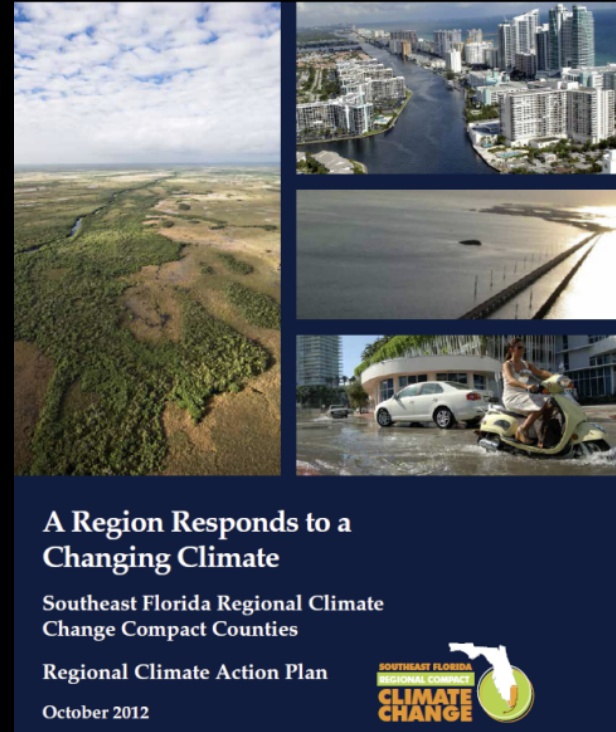
regional climate action plan

aligns with other plans and initiatives



regional climate action plan

- update due 2017
- implementation underway
- RCAP workshops
 - supported by three-year, \$975K grant from kresge foundation to institute for sustainable communities
 - 9 to 12 workshops over three years



THE KRESGE FOUNDATION

workshop topics

- **2013 workshops**
 - incorporating CC/SLR into comprehensive, transportation, emergency management planning
 - community solar
- **2014 workshops**
 - climate communications
 - water supply planning
 - resilient redesign
 - adaptation action areas
- **2015 workshops**
 - stormwater (january 22)
 - transportation (today!)
 - resilient redesign II (july)
 - regional compacts in FL
- **2015 webinars**
 - opportunities for building resilience in florida communities (january 28)
 - qualified energy conservation bonds (later in 2015)

policy and resource coordination

- at the core of the compact
- federal and state legislative advocacy
 - annual legislative programs
 - strong support for clean energy, energy efficiency, smart growth, greenhouse gas emissions reductions
- external funding opportunities
- municipal coordination
- information sharing and replication of initiatives



external funding opportunities

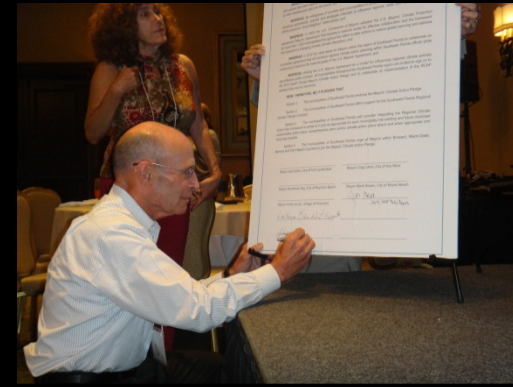
- NOAA grant for AAA pilot project – *fort lauderdale, broward county, south florida regional planning council*
- RE.invest Initiative – *miami beach*
- Federal Highway Administration – Climate Change Vulnerability Assessment Pilot Grant – *led by broward MPO*

external funding opportunities

- Rockefeller Foundation 100 Resilient Cities Challenge
- White House Climate Action Champion designation
 - for past achievements and future potential
 - regionwide goal: 2 percent annual GHG reductions
 - technical assistance, peer exchange, possible preference for grant applications

municipal coordination

- mayors' climate action pledge
 - affirms support for compact
 - agrees to consider integrating the RCAP framework into future plans
 - urges other municipalities to adopt the pledge themselves
- RCAP implementation workshops
- municipal working group – first meeting june 12

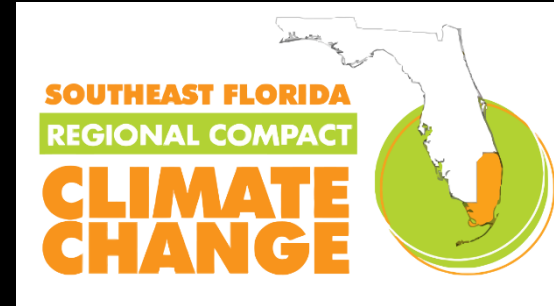


information sharing & replication of initiatives

- annual reports, press releases, etc.
- products of county/city-specific grants and programs
- climate change policies in comprehensive and land use plans
- property assessed clean energy (PACE) programs



<http://www.broward.org>



<http://southeastfloridaclimatecompact.org>

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