



## Implementation Table

The Implementation Table contains actionable and measureable initiatives designed to achieve our 2015 sustainability goals. As *GreenPrint* is the umbrella for many existing plans, existing sustainability initiatives are included when deemed critical to accomplishing the goal area strategy. Other initiatives were developed through the planning process to address specific sustainability challenges or to expand on strengths. The Planning Process and Acknowledgements chapters highlight that our effort to identify and develop initiatives has been collaborative. It represents the culmination of work completed by the Mayor's Sustainability Advisory Board, the Interdepartmental Team, the Climate Change Advisory Task Force, community stakeholders, cities, the Southeast Florida Regional Climate Change Compact partners, and of course the core planning team. Miami-Dade County is the implementation lead on many initiatives and others are owned by community stakeholders.

### The Implementation Table is organized by each *GreenPrint* Goal Area

The table presents information for each initiative such as the lead entity and partners (internal or external to Miami-Dade County government), funding scenarios, legislative action needed, key five-year milestones, impact on carbon emissions or the value of carbon storage, and performance indicators and targets. It is our action plan and will be used to monitor progress and determine success.

### Mutually Beneficial and Inter-related Goals

The sustainability pillars are overlapping. Benefits in one goal area are often inter-related with benefits in another. Although there are seven different goal areas, the plan is holistic and the order of the goals is purposeful...starting with strong leadership, connections, and commitment to ultimately creating healthy communities. Each area contributes to a solid foundation for the Climate Change Action Plan to adapt and reduce our greenhouse gas emissions. Plans are important, but implementation is crucial for a sustainable Miami-Dade County.





# Leadership, Connections and Commitment

Initiative	Lead & Partners	Funded and Unfunded Costs		Funding Sources	New Legislative Action	Milestones	Emissions Impacts	Performance Indicators and Targets
		Capital	Operating					
<b>STRATEGY: Strengthen regional and local community partnerships</b>								
<b>1. Implement the Southeast Florida Regional Climate Change Compact</b>	<p><b>Lead</b> Office of Sustainability (OOS) and Department of Environmental Resources Management (DERM) for Miami Dade County</p> <p>Regional Climate Action Partners (Leads for Palm Beach, Broward, and Monroe Counties)</p> <p><b>Partners</b> South Florida Water Management District (SFWMD), International Council for Local Environmental Initiatives (ICLEI) Climate Leadership Initiative (CLI) Municipalities</p>	<p>Operating Costs: Funded plus in-kind existing staff</p> <p><b>Year 1:</b> \$75,000 <b>Year 2:</b> \$125,000</p> <p>Seeking additional funding from federal and foundation sources to augment existing resources</p>	<p>Kresge Foundation through the Climate Leadership Initiative. In-kind contributions from ICLEI, participating Counties, National Oceanic and Atmospheric Administration (NOAA), U.S Geological Survey (USGS), and the U.S. Army Corps. of Engineers (USACE)</p>	No.	<p><b>Year 1:</b> Develop baseline and future projections of greenhouse gas missions within Southeast Florida. <b>Year 1-2:</b> Draft Regional Climate Action Plan, Develop mitigation strategies to obtain coordinated emission reductions, and develop sea level rise scenario maps to identify vulnerable areas in the SE Florida region. <b>Year 2-5:</b> Further develop climate change impact scenarios for regional adaptation planning.</p>	Regional emissions baseline and targets TBD through implementation	Achievement of milestones	
<b>2. Codify the sustainability planning process and create a formal leadership structure for GreenPrint implementation</b>	<p><b>Lead</b> Office of Sustainability (OOS)</p> <p>All initiative owners</p>	Within existing resources	Within existing resources	Yes. Approval by Board of County Commissioners	<p><b>Year 1:</b> Planning process legislation Create the internal and external reporting structure and mechanism Establish the implementation team <b>Year 2-5:</b> Report on progress</p>	Indirect impact	Achievement of milestones	
<b>3. Encourage all municipalities to adopt GreenPrint</b>	<p><b>Lead</b> Office of Sustainability (OOS)</p> <p><b>Partners</b> Elected officials, City and County Managers Association (CCMA), Municipal liaisons</p>	Within existing resources	Within existing resources	Yes. Approval by municipal governments	<p><b>Year 1:</b> Continue the municipal liaison meetings. <b>Year 1-2:</b> Present at municipal commissions</p>	Indirect impact	Achievement of milestones  # of municipalities that adopt GreenPrint	



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<p><b>4. Pursue more public-private partnerships to implement policies identified in County plans that improve County services</b></p>	<p><b>Lead</b> County Executive Office (CEO) Individual departments and other entities depending on selected partnerships</p> <p><b>Partners</b> Miami-Dade County School Miami-Dade County Public Schools TBD</p>	TBD through implementation	TBD through implementation	TBD	TBD through implementation <b>Year 1:</b> Identify and prioritize opportunities including partnerships such as increasing green space through shared use agreements with schools and improving bus service following roadway shoulder use model <b>Year 2:</b> Implement selected partnerships.	TBD through implementation	TBD through implementation, Number of PPPs	
<b>STRATEGY: Integrate sustainability into all leadership systems</b>								
<p><b>5. Continue to participate in and influence sustainability policy formulation and decision-making at the national and international level through partnerships, conferences, and legislation</b></p>	<p><b>Lead</b> Local elected officials, Office of Sustainability (OOS)</p> <p><b>Partners</b> Four County Regional Climate Compact, Seven-County Partnership, ICLEI, State and Federal Partners (SFWMMD, NOAA, EPA)</p>	Within existing resources	TBD through implementation	TBD	TBD through implementation	Indirect impact	TBD by specific climate change and energy legislation	
<p><b>6. Integrate sustainability knowledge into existing leadership programs and new elected official orientations countywide</b></p>	<p><b>Lead</b> UM Initiative on Excellence in Public Service</p> <p><b>Partners</b> Office of Sustainability (OOS), Dade Community Foundation Miami Fellows Initiative, Leadership Miami,</p>	Within existing resources	Within existing resources	TBD	<b>Year 1:</b> Inventory and partner with existing leadership programs. Establish sustainability track. <b>Year 2-5:</b> Implement	Indirect impact	Number of participants in leadership programs  Success of participants in their fields	



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	Chamber of Commerce Leadership programs, Beacon Council United States Department of Defense Southern Command							
<b>STRATEGY: Be green government role models</b>								
<b>7. Integrate and prioritize climate change and sustainability in local government strategic planning, business planning and in fiscal decision making</b>	<p><b>Lead</b> County Executive Office (CEO) Office of Sustainability (OOS)</p> <p><b>Partners</b> Miami Dade Office of Strategic Business Management (OSBM), County and Municipal Executive Offices, All County Departments, Municipalities</p>	Within existing resources	Within existing resources	Yes. Codify sustainability planning process.	<p><b>Year 1-3:</b> Establish sustainability organizational measures and targets for strategic and business plans and for agency heads' performance evaluations</p> <p><b>Year 3-4:</b> Monitor and report GHG reductions and other sustainability measures</p> <p><b>Year 5:</b> Recognize agencies that achieve and exceed sustainability targets</p>	TBD through implementation	Achievement of milestones and targets	
<b>8. Develop an interagency working group to ensure implementation of the CDMP by tackling conflicts between different County plans and within the development process</b>	<p><b>Lead</b> County Executive Office (CEO) Office of Strategic Business Management (OSBM)</p> <p><b>Partners</b> All County Departments</p>	Within existing resources	Within existing resources	TBD through implementation process	TBD through implementation	Indirect impact	Completion of charge memo objectives	



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<p><b>9. Work with local Board of Rules and Appeals and other stakeholders to maintain the Florida Energy Code and to better define and set forth responsibilities of each trade in order to improve compliance with and enforcement of the Code</b> (Within the Florida Energy Code and 2010 Florida Statutes, Chapter 468, Part XII)</p>	<p><b>Lead</b> Building and Neighborhood Compliance (BNC)/ Building Code Compliance Office (BCCO)</p> <p><b>Partners</b> Miami Dade Board of Rules and Appeal (and possibly Broward Board of Rules and Appeal), Office of Sustainability (OOS), Builders Association of South Florida (BASF) and other Builder/Trade Associations, Other stakeholder groups to be determined</p>	Unfunded	Approximately (2) energy Code specialist positions Cost would be \$160,000 – 210,000 annually (2 Energy Code specialist positions at \$80k-\$105k each).	Unidentified Perhaps through permit fees.	New legislation is not required, but existing codes and regulations need to be better defined and updated.	<p><b>Year 1:</b> Request/ convene a BORA subcommittee to study the lack of compliance/enforcement program</p> <p><b>Year 2:</b> Establish a check box on permit card that building being reviewed has been inspected for compliance with Florida Energy Code</p> <p><b>Year 3:</b> Lobby for additional State certified energy raters and request more local representation on the Florida Building Commission.</p>	TBD through implementation	<p>Achievement of milestones and targets</p> <p>Compliance with the Florida Energy Code</p>
<p><b>10. Adopt existing draft County Ordinance (per Resolution R468-06) requiring water efficiency retrofits at point of home resale (prior to changing ownership) and later update the ordinance to require additional retrofits focusing on energy efficiency</b></p>	<p><b>Lead</b> Office of Sustainability (OOS)</p> <p>Water and Sewer Department (WASD)</p> <p><b>Partners</b> Building and Neighborhood Compliance (BNC)/ Building Code Compliance Office (BCCO), USGBC South Florida Chapter, Others TBD</p>	Within existing resources	Within existing resources	Within existing resources	Yes. Would require adoption of an ordinance that has already been developed, then modification of this ordinance and subsequent adoption of the modified version.	<p><b>Year 1:</b> Review, update, and finalize draft ordinance and submit through proper channels for adoption</p> <p><b>Year 2:</b> Research and draft modified language for adopted ordinance to include energy efficiency component</p> <p><b>Year 3:</b> Submit revised ordinance through proper channels for adoption</p> <p><b>Year 4:</b> Educate stakeholders about the ordinance</p> <p><b>Year 5:</b> Enforce Ordinance</p>	Indirect impact	Achievement of milestones and targets



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Initiative	Lead & Partners	Funded and Unfunded Costs		Funding Sources	New Legislative Action	Milestones	Emissions Impacts	Performance Indicators and Targets
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<b>STRATEGY: Create ongoing outreach, education, and dialogue with the community about the implications of climate change and the benefits of sustainability</b>								
<b>11. Develop and implement ongoing community outreach about sustainability and climate change</b>	<p><b>Lead</b> Office of Sustainability (OOS), Miami-Dade College (MDC), Florida International University (FIU), University of Miami (UM), Florida Atlantic University (FAU), Barry University, St. Thomas University, Other local universities, Miami Dade Public School System (M-DCPS)</p> <p><b>Partners</b> Media, Museums, South Florida Climate Compact partners (Miami-Dade, Palm Beach, Broward, Monroe counties)</p>	TBD through implementation	TBD through implementation	No.	<p><b>Year 1:</b> Establish partnerships and work plan framework and analysis of current communication mechanisms and competitions</p> <p><b>Year 2:</b> Craft educational content that is aligned with work plan</p> <p><b>Year 3:</b> Conduct outreach</p> <p><b>Year 4:</b> Assess outreach and modify as necessary</p> <p><b>Year 5:</b> Continue outreach and assessment</p>	Indirect impact	Achievement of milestones and targets	
<b>12. Estimate the Costs of Action vs. Inaction and communicate implications to key decision-makers</b>	<p><b>Lead</b> School of Business of St. Thomas University</p> <p><b>Partners</b> Offices of Economic Development Coordination (OEDIT) and Sustainability (OOS), South Florida compact partners (Miami, Dade, Broward, Palm Beach and Monroe Counties), Representatives from academia, and key business leaders through the Beacon Council</p>	Operating funding required (if panel recommends such a study)	TBD through implementation	TBD	<p><b>Year 1:</b> Convene a group of experts to evaluate study merits, options, scope of work, value, etc.</p> <p><b>Year 2:</b> If decision is to initiate the study, identify funding sources and procure.</p> <p><b>Year 3:</b> Conduct the study</p> <p><b>Year 4:</b> Share study with decision makers.</p>	Indirect impact	Achievement of milestones	