

Innovative Sustainability Initiatives

Miami-Dade County

APA Florida 2012

Clean Bill of Health: Health & The Built Environment

September 13, 2012

Naples, Florida

Miami-Dade County

- Uniquely located between two national parks
- Population magnet due to proximity to the Caribbean and Latin America
- Net population growth of 25,000/ year for the foreseeable future
- Residential land will be depleted in less than 15 years at the current rate and pattern of development



Top Down Sustainability Focus

SUSTAINABLE COMP PLANS

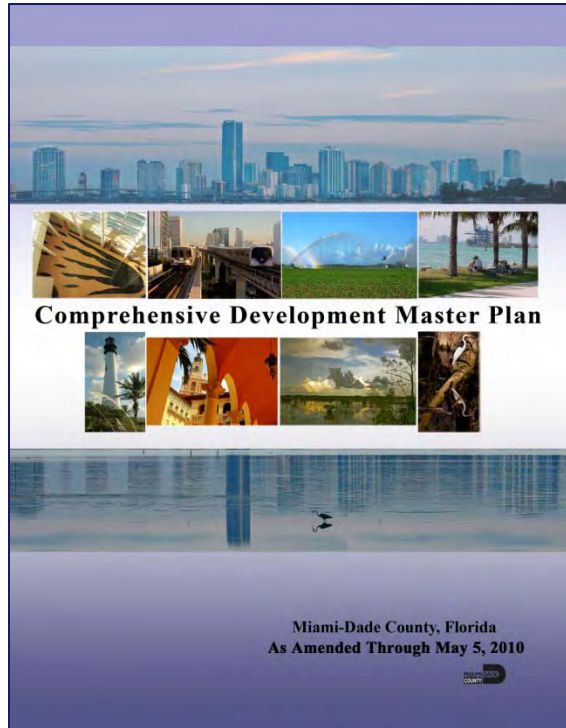


GREEN SUSTAINABILITY PLANS



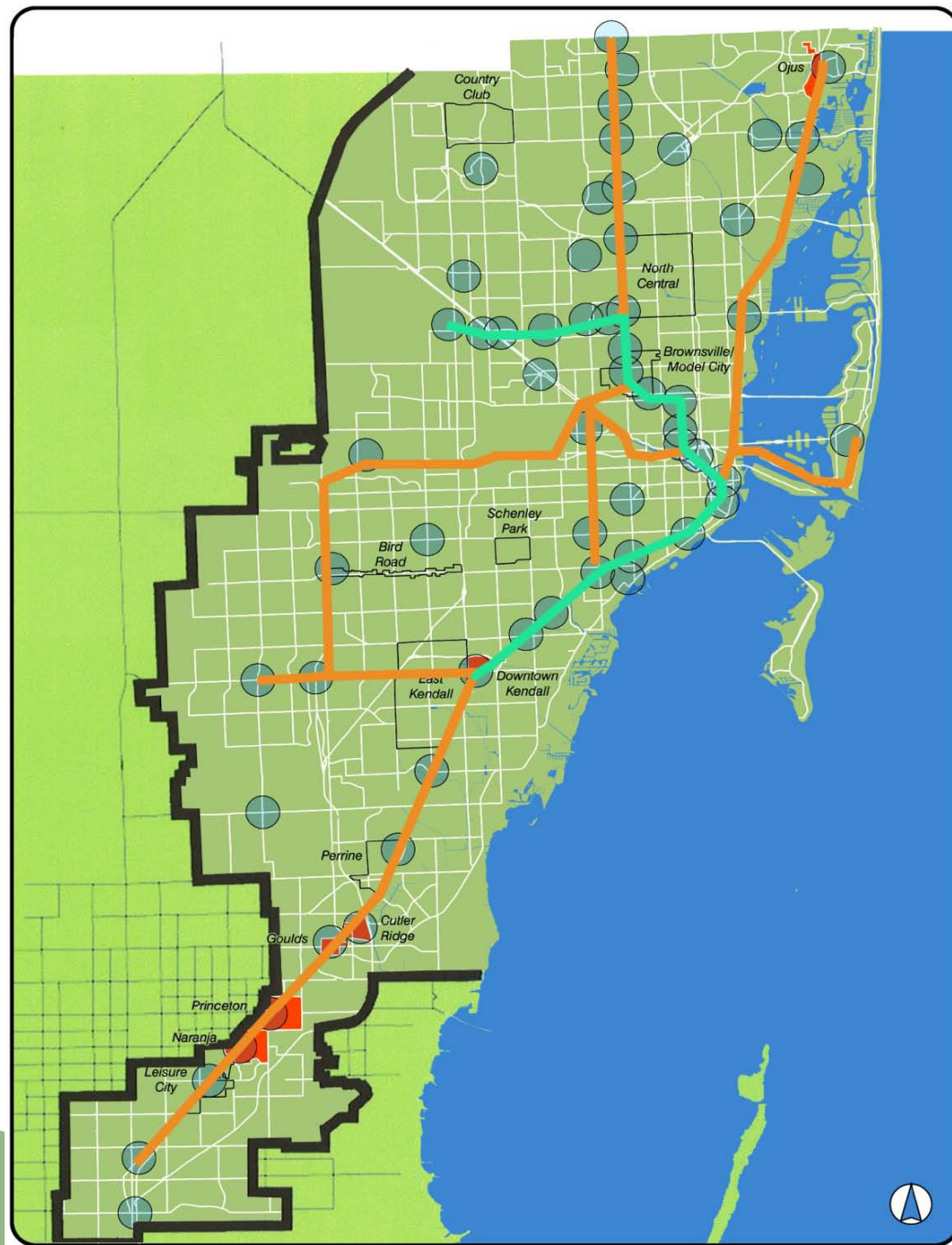
ZONING/DEV REGS

The “sustainable” Miami-Dade County **Comprehensive Development Master Plan (CDMP)** promotes conservation in the consumption of land and other natural resources and efficiency in the provision of public facilities and services, by...



Comprehensive Plan Focus

- ✓ Controlling urban expansion
- ✓ Promoting mass transit
- ✓ Developing well designed mixed-use Urban Centers
- ✓ Encouraging attractive compatible redevelopment and infill
- ✓ Ensuring that sufficient land at key locations are allocated to industry and business
- ✓ Maintaining agriculture as a viable economic use of suitable land
- ✓ Protecting, conserving and properly utilizing our limited natural resources



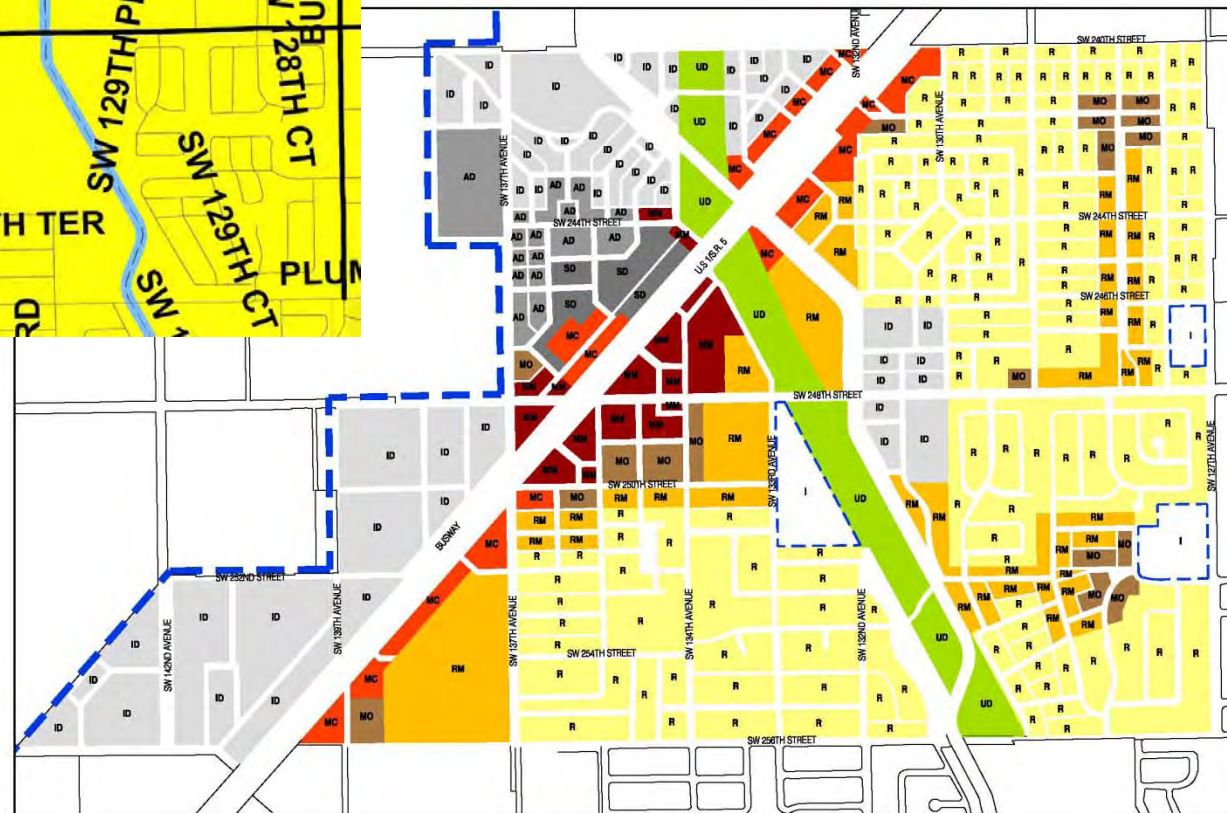
Miami-Dade County Sustainable Urban Form

- Urban Centers
- Transportation/Mass Transit Corridors

CDMP Princeton CUC



PCUCD Land Use Plan





 **greenPrint**
Our Design for a Sustainable Future



RESPONSIBLE LAND USE & SMART TRANSPORTATION

- ***USE OUR LAND WISELY, CREATING AND CONNECTING STRONG SUSTAINABLE NEIGHBORHOODS***
- ***PROVIDE MORE TRANSPORTATION OPTIONS, REDUCING THE TIME WE SPEND IN OUR CARS.***

Strategies

1. Better integrate planning and prioritize investment
2. Support existing communities and value neighborhoods
3. Increasing bicycling and walking
4. Increase transit ridership
5. Improve connectivity and mobility of the system



Transit-Oriented Development

Initiative	Lead & Partners	Funded and Unfunded Costs		Funding Sources	New Legislative Action	Milestones	Emissions Impact	Performance Indicators and Targets
		Capital	Operating					

STRATEGY: Better integrate planning and prioritize investments

56. Increase transit-oriented development (TOD)	<p>Lead Miami-Dade Transit (MDT) Department of Planning and Zoning (DPZ)</p> <p>Partners General Services Administration (GSA), Parks & Recreation (MDPR), Public Works Department (PWD), Metropolitan Planning Organization (MPO)</p>
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**Standard Urban
Center District
Regulations (SUCO)**



Sustainable Code & Permitting

Initiative	Lead & Partners	Funded and Unfunded Costs		Funding Sources	New Legislative Action	Milestones	Emissions Impacts	Performance Indicators and Targets
		Capital	Operating					

STRATEGY: Reduce energy and water consumption through increasing efficiency

14. Incentivize energy efficient development prioritizing walkable, transit-oriented areas

Lead
Building and Neighborhood Compliance (BNC) and Building Code Compliance (BCCO)

Partners
Office of Sustainability (OOS)
Builders Association of South Florida (BASF)
Latin Builders Association of South Florida (LBA)

Code Revision/Implementation

- Accessory Dwelling Unit (ADU) Ordinance
- Bicycle Parking Ordinance
- Complete Streets Resolution
- Solar Photovoltaic Technology Ordinance
- Regulations pertaining to Green/Cool Roofs
- Regulations pertaining to Farmer Markets & Community Gardens

Miami-Dade County Sustainable Development and Building Code Project

- Purpose: Evaluate and incorporate sustainability policies into the county's development regulations and building codes
- Goal: Remove Barriers, Create Incentives and Fill Regulatory Gaps
- Major Task: Diagnosis of land development regulations and building codes, project testing, and recommendations for priority amendments
- Three Main Topics:
 - Energy Efficiency/Conservation
 - Greenhouse Gas Reduction/Climate Change
 - Renewable Energy
- Prepared by Clarion Associates/Farr Associates

Miami-Dade County Sustainable Development and Building Code Project

- Examine street and parking standards – tailor to infill development vs. suburban
- Create mandatory connectivity standards for all projects
- Consider adopting energy efficient standards for outdoor lighting
- Tailor tree protection/mitigation standards for infill
- Create mandatory connectivity standards for all projects
- Provide incentives for composting
- Continue to improve expedited permitting processes

Lessons Learned

- ❖ Ever changing political climate and how to proceed with initiatives, or “seize the moment when you can”.
- ❖ Finding “champions” for initiatives.
- ❖ Avoid being perceived as a job killer or frustrating economic development.
- ❖ Be strategic in advancing, specific initiatives/code amendments, timing is everything.
- ❖ Breaking down County Department silos.

Miami-Dade is planning for a better, sustainable future

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