

# City of Miami Beach Sustainability Plan Updates

Biscayne Bay Regional Restoration Coordination Team

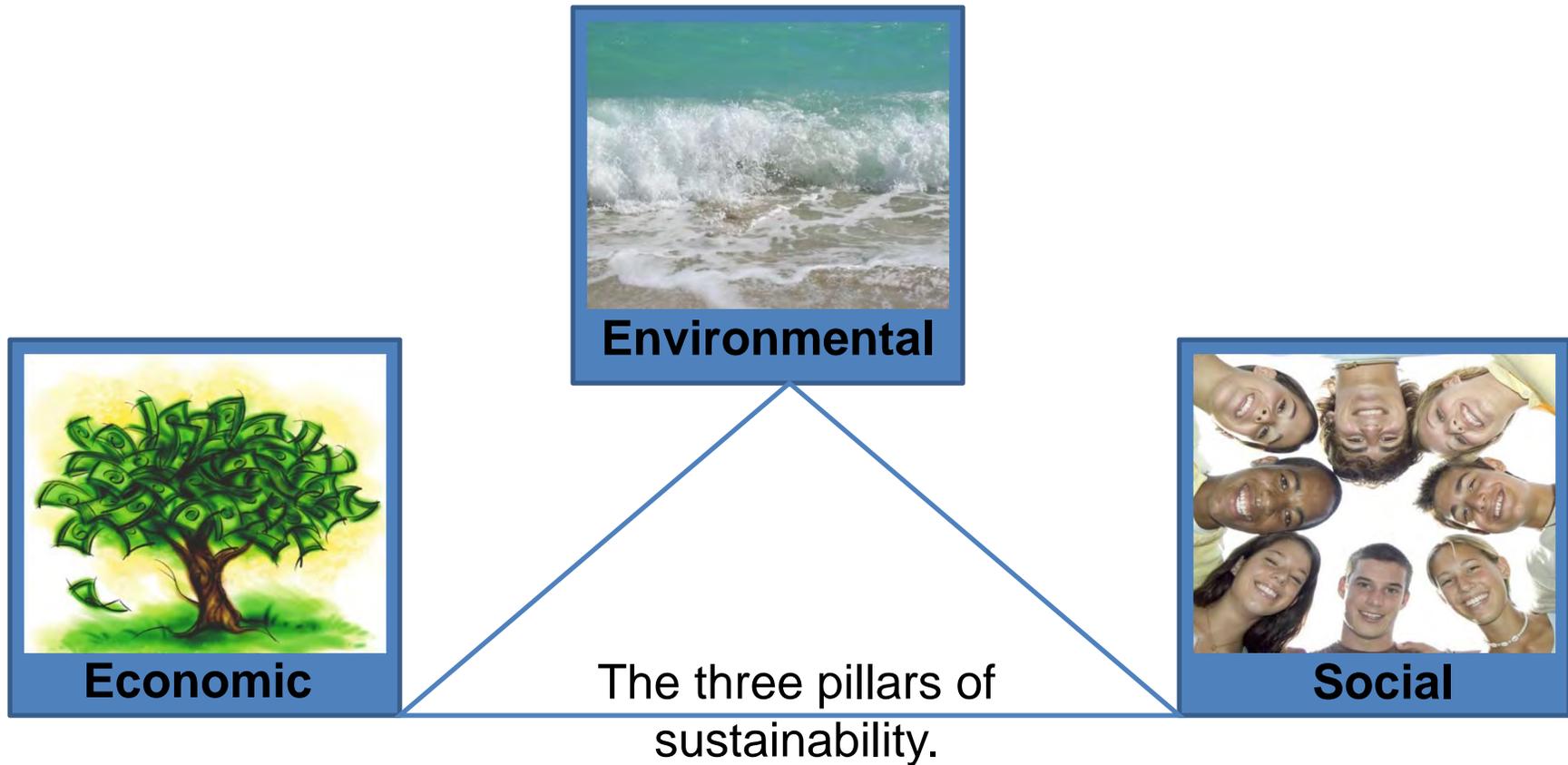
February 22, 2012

Betsy Wheaton

Environmental Resources Management Division, Public Works

# What is Sustainability?

**“Meeting the needs of the present without compromising the ability of future generations to meet their own needs.”**



# Sustainability Miami Beach

- **2007 Ad-hoc Green Committee**
- **2008 Sustainability Committee**
- **2011 Sustainability Plan Approved by Commission**
  - **10 Program Areas**
  - **Goals, Indicators, Targets, Initiatives**
- **2011/2012 Energy Economic Zone Pilot Community**



# What is our Sustainability Plan?

The City of Miami Beach's Sustainability Plan is a cohesive **roadmap** that details:

**Guiding Principles** that provide a framework within which to execute sustainability planning.

**Program Areas** to concentrate efforts aimed at city-wide environmental improvement.

**Goals and Objectives** to define and measure successes and challenges of the sustainability plan.



# Guiding Principle Examples

- To **sustain** and enhance our **natural resources**- airshed, waterways, shorelines, vegetation & wildlife, greenspaces
- To **reduce consumption** and increase efficiency in resource and material use
- To foster an **educated community** acting as stewards of the City's environment



# Why Plan for Sustainability?

Implementation of the **Sustainability Plan** will provide:

## **Short-term Benefits:**

- Decreased energy costs
- Increase diversion of solid waste from landfill
- Improved alternative transportation/mobility
- Improved urban forest and local air quality
- Improved community stewardship & awareness

## **Long-term Benefits:**

- **Reduce costs** from environmental impacts and potential liabilities & risks
- Maintaining a high **quality of life** for residents and visitors
- **Preservation** of resources for future use & benefit

# Program Areas

- Green Building & Housing
- Solid Waste Management
- Water Conservation & Quality
- Energy Conservation
- Alternative Transportation
- Natural Resource & Ecosystem Management
- Community Outreach & Education
- Green Procurement
- Economic Development
- Air Quality & Climate Change



# Green Building & Housing



- Green Building Ordinance
- LEED Silver Certification (expedited permitting)
- Green Building Sub-Committee (March 2012)

# Solid Waste Management

- Community Recycling
- **Mandatory Recycling Ordinance**
- Hazardous Waste Drop-Off Days
- Wasteful Weekends
- Green Waste
- Coca-Cola Recycling Partnership



## DROP-OFF

### COMMUNITY SINGLE-STREAM RECYCLING DROP-OFF

#### ALLOWED/PERMITIDO



Paper Products



Cardboard



Metal Food/  
Beverage Containers



Aseptic  
Containers



Glass (Clear,  
Brown and Green)



Plastic Containers  
(No caps or lids)

#### NOT ALLOWED/NO PERMITIDO



Batteries



Unnumbered  
Plastics, Bags



Certain Glass  
Products

Please DO NOT dispose of chemical or hazardous materials, batteries, tires, paints, or car parts into the dumpsters. Contact the Sanitation Division at 305.673.7616 for more information. The Police Department is dedicated to the detection, investigation and apprehension of those responsible for polluting the lands, waters and atmosphere of the City of Miami Beach. If you witness an illegal dumping incident in progress, please call 305.673.7901. You may be eligible for a \$250 reward.

Sanitation Division  
Public Works Department  
305.673.7616

MIAMIBEACH

# Water Conservation & Quality

- Showerhead Exchange Program
- Stormwater Master Plan
- Marine Debris Removal
- Green Parking Lots



# Energy Conservation

- AMERESCO's Performance Contract
  - Municipal Buildings: Lighting & Lighting Controls, Water Conservation, HVAC Controls, Transformer Replacement
  - Geothermal District Cooling Plant Optimization: City Center + Police Station
- Energy Economic Zone Pilot Program
- Electric Vehicle Charging Stations
- Florida Green Lodging Certification
- LED Lighting in Parking Lots



# Alternative Transportation

- Atlantic Greenway Network
- DECOBIKE
- Hybrid/LEV Incentive Program
- Electric Vehicle Charging Stations
- Car-Sharing Program
- Affordable Public Transit Options



**Hertz** **ON Demand**  
Rent Spontaneously™



# Natural Resource & Ecosystem Management

- Dune Restoration & Enhancement
- Beach Litter
- Adopt-a-Beach Program
- Sea Turtle Protection
- Urban Reforestation Program





**THANK YOU!**

**Betsy Wheaton  
Acting Environmental Manager  
1700 Convention Center Drive  
Miami Beach, Florida 33139  
305.673.7080**

**[elizabethwheaton@miamibeachfl.gov](mailto:elizabethwheaton@miamibeachfl.gov)**

