

MIAMI BEACH

Sustainability Resiliency Committee Meeting

Commission Chamber

April 18, 2018 - 1:00 PM

Commissioner Micky Steinberg, Chair

Commissioner John Elizabeth Aleman, Vice-Chair

Commissioner Ricky Arriola, Member

Commissioner Mark Samuelian, Alternate

Elizabeth Wheaton, Liaison

DISCUSSION ITEMS

1. DISCUSSION ON THE SEAWALL COALITION MEMBERSHIP FOR THE CITY OF MIAMI BEACH
City Manager's Office
Susanne Torriente, Assistant City Manager/ Chief Resiliency Officer
Item C4H - January 17, 2018 Commission Meeting
2. DISCUSSION URGING MIAMI-DADE COUNTY TO CREATE A MIAMI-DADE COUNTY GREEN COMMITTEE COALITION TO BRING TOGETHER THE VARIOUS CITIZEN SUSTAINABILITY COMMITTEES IN MIAMI-DADE COUNTY
Commissioner Michael Gongora
Environment and Sustainability | Elizabeth Wheaton, Director
Item C4 AC - April 11, 2018 Commission Meeting
3. REFERRAL TO THE SUSTAINABILITY AND RESILIENCY COMMITTEE REGARDING RESILIENCY DESIGN ELEMENTS AT P-LOT PARK
City Manager's Office
City Manager's Office | Maria Hernandez, Project Director for Convention Center District
Item R7K - April 11, 2018 Commission Meeting

REPORTS

4. SUSTAINABILITY COMMITTEE
Dave Doeblar, Chair
 5. REVIEW OF RESILIENCE STRATEGY WORKPLAN - PLANNED AND IN PROGRESS RESILIENCY PROJECTS
Susanne Torriente, Assistant City Manager/ Chief Resiliency Officer
-

MIAMI BEACH

Item 1.
COMMITTEE MEMORANDUM

TO: Sustainability Resiliency Committee Meeting

FROM: Jimmy L. Morales, City Manager

DATE: April 18, 2018

SUBJECT: **DISCUSSION ON THE SEAWALL COALITION MEMBERSHIP FOR THE CITY OF MIAMI BEACH**

RESPONSIBLE DEPARTMENT:

Susanne Torriente, Assistant City Manager/ Chief Resiliency Officer

LEGISLATIVE TRACKING:

Item C4H - January 17, 2018 Commission Meeting

SPONSORED:

City Manager's Office

Analysis

VERBAL REPORT AT COMMITTEE MEETING.

ATTACHMENTS:

Description

Type

No Attachments Available

MIAMI BEACH

Item 2.
COMMITTEE MEMORANDUM

TO: Sustainability Resiliency Committee Meeting

FROM: Jimmy L. Morales, City Manager

DATE: April 18, 2018

SUBJECT: **DISCUSSION URGING MIAMI-DADE COUNTY TO CREATE A MIAMI-DADE COUNTY GREEN COMMITTEE COALITION TO BRING TOGETHER THE VARIOUS CITIZEN SUSTAINABILITY COMMITTEES IN MIAMI-DADE COUNTY.**

RESPONSIBLE DEPARTMENT:

Environment and Sustainability | Elizabeth Wheaton, Director

LEGISLATIVE TRACKING:

Item C4 AC - April 11, 2018 Commission Meeting

SPONSORED:

Commissioner Michael Gongora

Analysis

REFERRAL ATTACHED. VERBAL REPORT AT COMMITTEE MEETING.

ATTACHMENTS:

Description	Type
□ Attachment: Referral C4 AC	Memo

MIAMI BEACH

COMMISSION MEMORANDUM

TO: Honorable Mayor and Members of the City Commission
FROM: Jimmy L. Morales, City Manager
DATE: April 11, 2018

SUBJECT: A REFERRAL TO THE SUSTAINABILITY AND RESILIENCY COMMITTEE
URGING MIAMI-DADE COUNTY TO CREATE A MIAMI-DADE COUNTY GREEN
COMMITTEE COALITION TO BRING TOGETHER THE VARIOUS CITIZEN
SUSTAINABILITY COMMITTEES IN MIAMI-DADE COUNTY.

Legislative Tracking

Environment and Sustainability

Sponsor

Commissioner Michael Gongora

ATTACHMENTS:

Description

- ▣ MD Green Committee Coalition_Summary_V2





MIAMI-DADE GREEN COMMITTEE COALITION

Creating long-term planning for the future economic, social and environmental wellbeing of our community!

The goal of the proposed **Miami-Dade Green Committee Coalition (MD Green)** is to create a platform where Miami-Dade's Green/Sustainability Committees will be able to share with one another their community plans, efforts and successes. It is expected that, by doing so, local municipalities will be able to expedite the implementation of initiatives that will help them become more sustainable communities.

About

Miami-Dade Green Committee Coalition aims to be MDC essential 'go-to' organization for collaboration, information and community engagement on the environment.

Committee Overview

Unlike other coalitions, the **Miami-Dade Green Committee Coalition**, through the collaborative efforts of a variety of green or sustainability committees in the County, aims to address multiple issues simultaneously. To be composed by the Chairs of each committee, the **MD Green** aims to expand the influence of individual groups by joining and/or sharing their efforts with the Chairs of other committees. Through mutual cooperation, **MD Green** will help groups become more effective and expedite the implementation of local sustainable strategies.

The idea, conceived in 2009 by Luiz Rodrigues, has been presented and discussed with several community activists, local Green Committees (City of Miami Beach Sustainability Committee, City of Coral Gables Sustainability Board, City of Miami Office of Sustainability, MDC Office of Resilience, Greater Miami Chamber of Commerce Resilience Committee, Coconut Grove Sustainability and Resilience Board, City of Miami Sea Level Rise Committee, AIA Sea Level Rise Task Force), elected officials as well as with government officers. **MD Green** mission is to transform Miami-Dade County into a leader in **sustainable urban strategies**. Its goal is to evolve into a vibrant and unique coalition of environmental / sustainability committees.

MD Green envisions the implementation of "sustainable community" efforts on a variety of fronts. It is proposed that Chairs of participating Committees would commit to meet once every three months to share their sustainable plans, efforts and successes. In order to expedite communication processes and action, Committee meetings would be open primarily to its Chairs. Some of the main areas of focus to be addressed will include:

- Transportation
- Solid Waste / Recycling
- Energy Conservation
- Water Conservation & Pollution
- Green Building
- Climate Change & Resiliency
- Community Environmental Education and Awareness
- Green Purchasing Program
- Government & Non-Profit Partnerships
- Air Quality
- Habitat Preservation & Restoration
- Green Space



The **Miami-Dade Green Committee Coalition** will ensure that, through collaborative efforts, the following can be achieved:

A distinctive place that:

- Maintains and enhances its outstanding built and natural environment
- Has a dynamic, low carbon economy
- Achieves connectivity
- Has world class arts and culture



Vibrant, sustainable and resilient communities:

- That are lively and inclusive
- Where people feel safe, take responsibility and make a contribution
- That are carbon neutral
- Where people feel proud to live
- Where the community as a whole feel secure against nature's acute shocks and chronic stresses

Communities where everyone fulfills their potential by having an equal opportunity to:

- Learn and develop skills
- Enjoy a healthy, low carbon lifestyle
- Influence the future of their area
- Contribute to the economy and society

Intellectual Property of Luiz Rodrigues
July 2010

Owner/Founder
Eco-Logical Solutions



luiz@ecologicalsol.com

786.853.1855 (m)



MIAMI BEACH

Item 3.

COMMITTEE MEMORANDUM

TO: Sustainability Resiliency Committee Meeting

FROM: Jimmy L. Morales, City Manager

DATE: April 18, 2018

SUBJECT: **DISCUSSION REGARDING RESILIENCY DESIGN ELEMENTS AT P-LOT PARK**

RESPONSIBLE DEPARTMENT:

City Manager's Office | Maria Hernandez, Project Director for Convention Center District

LEGISLATIVE TRACKING:

Item R7K - April 11, 2018 Commission Meeting

SPONSORED:

City Manager's Office

Analysis

PRESENTATION AT COMMITTEE MEETING.

ATTACHMENTS:

Description

Type

No Attachments Available

MIAMI BEACH

Item 4.
COMMITTEE MEMORANDUM

TO: Sustainability and Resiliency Committee

FROM: Jimmy L. Morales, City Manager

DATE: April 18, 2018

SUBJECT: **SUSTAINABILITY COMMITTEE**

RESPONSIBLE DEPARTMENT:

Dave Doeblen, Chair

Analysis

REPORT OF THE MARCH 27, 2018 SUSTAINABILITY COMMITTEE MEETING.

ATTACHMENTS:

Description	Type
□ Attachment A: Draft Minutes of 03.27.18 Sustainability Committee	Other



City of Miami Beach, 1700 Convention Center Drive, Miami Beach, Florida 33139, www.miamibeachfl.gov

Sustainability Committee Chairperson

David Doebler – Appointed by Commissioner Micky Steinberg

Members of the Sustainability Committee

Jeremy Waks- Appointed by Mayor Dan Gelber

David Doebler – Appointed by Commissioner Micky Steinberg

Mohammed Islam - Appointed by Commissioner Mark Samuelian

Luiz Rodrigues- Appointed by Commissioner Michael Góngora

Richard Conlin – Appointed by Commissioner Kristen Rosen-Gonzalez

Mike Gibaldi - Appointed by Commissioner Ricky Arriola

Max Litt - Appointed by Commissioner John Elizabeth Alemán

DATE: March 27, 2018

SUBJECT: Meeting of the Sustainability Committee

A meeting of the Sustainability Committee was scheduled for Tuesday, March 27, 2018 at 3:00 p.m. in the City Manager's Large Conference Room, 4th Floor, City Hall.

The attendees were as follows: Dave Doebler, Jeremy Waks, Luiz Rodrigues, Richard Conlin, Mike Gibaldi, and Max Litt

City Staff: Commissioner Mark Samuelian; Roy Coley, Public Works Director; Margarita Wells, Assistant Director of Environment and Sustainability; Flavia Tonioli, Sustainability Manager; Yanira Pineda, Sustainability Specialist; and Alyssia Berthoumieux, Sustainability Specialist.

Members Absent: Mohammed Islam

AGENDA

1. Minutes

MOTION: Approve minutes of the February 27, 2018 Sustainability Committee meeting. Motion made by Jeremy Waks, seconded by Luiz Rodriguez.

2. SRC Review

Flavia Tonioli, Sustainability Manager and Yanira Pineda, Sustainability Specialist reviewed all the items discussed at the March Sustainability and Resiliency Committee. The meeting included the discussion of the Bloomberg grant, Special Event Guidelines, and the Harvard Partnership. Mike Gibaldi, Member, inquired on the outcome of the special events guidelines. Ms. Pineda explained the guidelines are being reviewed and staff was instructed to involve the Sustainability Committee. She explained staff representatives from the Tourism, Culture, and Economic Development will be added on the agenda for the next meeting to further discuss. Ms. Tonioli announced the funding for sub-meters was approved at the Finance and Citywide Projects Committee (FWCP) meeting and the support of the Sustainability Committee was vital in making this initiative possible.

3. Sustainability Committee Work Plan

a. 2018 Items

- i. Stormwater Management – Roy Coley, Division Director of Public Works Infrastructure provided an explanation on stormwater management within Miami Beach. He explained the city recognized it did not have adequate resources to address the pollutants that are found in stormwater. Mr. Coley

mentioned many cities clean their stormwater system once every three years while Miami Beach cleans it annually. He further explained Public Works identified that the high frequency cleaning was not a realistic goal with the limited resources available. To address these issues, the city purchased additional equipment and hired contractors to carry out the cleaning process. The department also found cleaning the pumps within the system quarterly was not sufficient. This was changed to weekly cleaning for pumps that service the entertainment districts. Mr. Coley informed the committee about the city's water quality monitoring program which included 64 stations that are tested monthly and pointed out Miami-Dade County has about 80 sites for the entire county. Margarita Wells, Assistant Director of Environment and Sustainability explained that in addition to paying for the 64 sites, the city pays the county to carry out the NPDES (National Pollution Discharge Elimination System) program. Mike Gibaldi asked if any of the 64 sites are located on the beachside. Mr. Coley clarified that all sites are located on the bay and the Florida Health Department oversees water quality monitoring on the beachside. Luiz Rodriguez asked about the stormdrain grate and pilot program. Mr. Coley responded the pilot was carried out on Ocean Drive with two different models. The city's experience was that the grates would get clogged during afternoon storms and adjacent properties would complain about water flowing on to their property. Dave Doebler asked whether the issue occurred on both models and if the problem could be the amount of muck and dirt on Ocean Drive. Mr. Coley explained the Sanitation Division would always conduct a thorough job of cleaning the streets and the issue was the afternoon storms. Mr. Doebler inquired on the possibility of following Los Angeles' model of not allowing pollutants larger than 5mm enter the waterways. Mr. Coley explained this would depend on the system Los Angeles was using and how pollutants were measured. Max Litt mentioned the main issue was the source of the litter/pollutants and the question should be why the city is being depended on to fully clean the sewer infrastructure. He added there were opportunities for coordinating behavioral issues instead of searching for technical solutions. Ms. Wells announced the existence of the Grease Trap program to help contain and address sanitary sewer overflows. Mr. Coley summarized although there would always be room for improvement; Miami Beach was currently doing more than any other municipality in South Florida.

ii.

b. New Business

- i. Recycling Program Overview - Ms. Pineda gave a presentation on recycling in Miami Beach. She discussed how the current recycling ordinance came into place, the requirements for each type of property, collaborations with the county on the beach program and what the city was continuously doing to improve overall education. Mr. Doebler inquired on how the committee could support Miami-Dade County to expand the beach recycling and ensure they would provide adequate services and keep all recyclables separate. He expressed concerns on whether the city is following through with recycling practices and shared an interest in helping improve it. Ms. Pineda explained the upcoming recycling assessment will help locate gaps within the program and efforts would be put in place to work towards improving it. Ms. Tonioli suggested bringing Miami-Dade County staff during the next meeting to discuss in detail.
- ii. Earth Month Programming - Ms. Pineda announced she would share the Earth Month flyer with the group due to being short on time.

4. Public Comment

a. Next Meeting

April 24, 2018

MIAMI BEACH

Item 5.

COMMITTEE MEMORANDUM

TO: Sustainability and Resiliency Committee

FROM: Jimmy L. Morales, City Manager

DATE: April 18, 2018

SUBJECT: **REVIEW OF RESILIENCE STRATEGY WORKPLAN - PLANNED AND IN
PROGRESS RESILIENCY PROJECTS**

RESPONSIBLE DEPARTMENT:

Susanne Torriente, Assistant City Manager/ Chief Resiliency Officer

Analysis

VERBAL REPORT AT COMMITTEE MEETING.

ATTACHMENTS:

Description

Type

No Attachments Available