

TO: Mayor Philip Levine and Members of the City Commission

FROM: Jimmy L. Morales, City Manager

DATE: January 18, 2017

SUBJECT: MEETING OF THE SUSTAINABILITY AND RESILIENCY COMMITTEE (SRC) ON
WEDNESDAY, JANUARY 18, 2017

A meeting of the Sustainability and Resiliency Committee was held on Wednesday, January 18, 2017, in the City Manager's Large Conference Room, 4th Floor of City Hall. Commissioners in attendance: Commissioner Michael Grieco, Commissioner Ricky Arriola, Commissioner Joy Malakoff, Commissioner Micky Steinberg and Commissioner John Elizabeth Aleman. Members of the administration and the public were also in attendance.

Meeting was called to order at: 1:10 PM

1. **A Resolution of the Mayor and the City Commission of Miami Beach, Florida, Incorporating Best Management Practices for Landscaping by Including the Use of the Florida-Friendly Landscaping Guide to Plant Selection And Landscape Design When Redeveloping City Parks and City-Owned Land**

AFTER-ACTION

Item presented by Elizabeth Wheaton, Environment and Sustainability Director. She informed the committee that the resolution was created to promote best management practices that help in reducing the use of water, fertilizers and pesticides through the use of Florida-Friendly Landscaping.

MOTION: Motion to approve and refer the resolution to the City Commission. Motion made by Commissioner Malakoff, Seconded by Commissioner Arriola.

2. **Discussion on Requiring Sustainability Standards Similar to LEED for Retrofits in City-owned Properties**

AFTER-ACTION

Susanne Torriente, Assistant City Manager/Chief Resiliency Officer explained that staff has researched potential pilot projects and have been populating information in the EPA Energy Star Portfolio to better understand the use of energy within municipal buildings. Ms. Torriente suggested that prior to picking a pilot project for the LEED retrofits, staff should be allowed to complete the energy evaluation in order to make a more informed decision.

Commissioner Grieco inquired on whether there are companies that can be hired to conduct energy audits as part of the energy evaluation process.

Adrian Morales, Property Management Director informed the committee that the Art Deco Welcome Center, South Shore Community Center and Fire Station 3 would be the best

candidates for the LEED silver retrofit projects. He added that it would help staff with identifying projects if standards are designed.

Ms. Wheaton added that as staff is evaluating the projects, it is also important to understand the costs associated to it. For active projects, it has been found that it would not be feasible to conduct a retrofit and it is better to incorporate the standards in future projects.

ACTION: Staff to return with an update and guidelines to the July 2017 Sustainability and Resiliency Committee.

3. Discussion Regarding How Green infrastructure including Living Or Hybrid Shorelines Can Complement Grey infrastructure In Our Climate Adaptation On Going Work

AFTER-ACTION

Item presented by Margarita Wells, Environmental Resources Manager. She presented to the committee on the incorporation of green infrastructure on projects that were previously in the design phase. Projects included the red mangroves at Muss Park, the flood mitigation project between 25 and 41 street as well as Brittany Bay Park. She added that Brittany Bay Park provides an opportunity to create the longest living shoreline in Miami Beach at an estimated 400 liner feet. The project will include living shorelines and overlooks that will allow the public to interact with the different natural components and provide an opportunity learn about the vegetation.

Commissioner Malakoff inquired on how far out the overlooks go. Ms. Wells responded that the project will not extend the overlooks past the seawall and will be moving inland towards the park.

MOTION: Motion to support the conceptual design of for Brittany Bay Park. Motion made by Commissioner Malakoff, Seconded by Commissioner Arriola.

ACTION: Staff directed to provide an update on the item in April 2017 and continue updates on a quarterly basis.

4. Discussion Regarding the Securing and Storage Of Commercial Dumpsters

AFTER-ACTION

Item Deferred to the February 15, 2017 Sustainability and Resiliency Committee

5. Discussion on St. Petersburg's Initiative to Run on 100% Renewable Energy and Possibilities in Miami Beach

AFTER-ACTION

Elizabeth Wheaton, Environment and Sustainability Director presented the item. The Sierra Club has developed the "Ready for 100 initiatives" to encourage the City to be 100% on renewable energy by 2050. Many cities have signed up including St. Petersburg who received 1 million dollars from BP from the Deepwater Horizon Oil Spill for climate action and resiliency/adaptation planning.

ACTION: Staff to work with Sierra Club to obtain information on how the City of Miami Beach can participate and move towards the 2050 renewable energy goal.

6. Discussion on Active Design Miami: Design & Policy Strategies for Healthier Communities

AFTER-ACTION

Item presented by Cheryl Jacobs, Executive Vice-President, American Institute of Architects. Ms.

Jacobs presented on the various policies and strategies outlined by Active Design Miami. This includes 96 strategies that follow principles such as health, safety, equitable policy, communications, and sustainability.

Commissioner Aleman suggested working with the Miami Beach Chamber of commerce to incorporate these strategies as a category in the Best of the Beach awards.

MOTION: Motion to conceptually approve and refer the resolution to the full City commission. This includes approval on the macro concept of the strategies outlined in the guide.

Motion made by Commissioner Arriola, Seconded by Commissioner Malakoff.

7. Discussion on Best Practices for Beach Sand Sifting and Maintenance

AFTER-ACTION

Item Deferred to the February 15, 2017 Sustainability and Resiliency Committee

8. Discussion on the City to offer Christmas Tree Recycling, Commencing in 2017

AFTER-ACTION

Item continued to the February 15, 2017 Sustainability and Resiliency Committee

9. Mayor's Blue Ribbon Panel on Flooding and Sea Level Rise

AFTER-ACTION

Susanne Torriente, Assistant City Manager/ Chief Resiliency Officer presented the item. She provided an overview of the meeting and informed that group that the Planning Department developed a series of land use regulations and discussed how they could be made more resilient. These regulations currently have cosponsors and will be brought to the next commission meeting. Eric Carpenter, Assistant City Manager/Public Works Director provided a summary of the public works projects that were discussed during the meeting. He explained that the city is in the process of rolling out a citywide groundwater monitoring program which will allow real time information on how the groundwater is being affected by outside factors.

Commissioner Malakoff suggested that staff develop information signage for public areas that have to be closed off for safety reasons as a result of a project.

ACTION: No further action taken.

10. Sustainability Committee

AFTER-ACTION

Item presented by Dave Doebler, Committee Chairman. Mr. Doebler provided a brief recap of the voluntary smoke-free zones event and its success. He also gave a brief overview of the December 13, 2016 Sustainability Committee.

ACTION: No further action taken.

11. Resiliency Strategy

AFTER-ACTION

Susanne Torriente, Assistant City Manager/ Chief Resiliency Officer presented the item. She informed the committee of an upcoming resiliency strategy workshop that will address the top priorities in the City. Amy Knowles, Deputy Chief Resiliency Officer presented on the Community Resiliency Program. The programs goal is to create an effective plan when disseminating flood information to a community.

Commissioner Grieco inquired on the status of Sardinia Restaurant and the insurance claim issue. Mrs. Torriente explained that the City assisted the owners of the restaurant with obtaining an elevation certificate and that the claim has been successfully processed.

Commissioner Arriola inquired on whether staff can produce an assessment/ comprehensive economic analysis to show what our storm water and other investments are paying for.

ACTION: No further action taken.

JLM/SMT/ESW/FCT/YP