

**CITY OF FORT LAUDERDALE  
SUSTAINABILITY ADVISORY BOARD  
100 N ANDREWS AVE, 1<sup>st</sup> FLOOR COMMISSION CHAMBERS  
FORT LAUDERDALE, FLORIDA 33301  
January 27, 2020 - 6:15 PM**

Cumulative Attendance					
1/2020 through 1/2020					
	Members	Appt By	Attendance	Present	Absent
<b>1</b>	Jason Liechty, Chair	IV	A	0	1
<b>2</b>	Lawrence Clark, Vice Chair	I	A	0	1
<b>3</b>	Carol Tamburry	III	P	1	0
<b>4</b>	Carolann Mazza	III	P	1	0
<b>5</b>	Cushla Talbut	II	P	1	0
<b>6</b>	Douglas Meade	I	p	1	0
<b>7</b>	Elizabeth Adler	M	A	0	1
<b>8</b>	Enrique Vadiveloo	IV	A	0	1
<b>9</b>	Muge Nurgun	II	P	1	0
<b>10</b>	Owen Cylke	C	P	1	0
<b>11</b>	Susan Wood	M	P	1	0

**Staff Present**

Public Works Department

Stephanie Wilk, PW Sustainability Specialist  
 Daidre Mitchell, PW Senior Administrative Assistant  
 Jason Bocchinfuso, Sustainability Administrator  
 Estevan Baza, Sustainability Analyst  
 Carina Flores, Green Your Routine Coordinator  
 Marie Pierce, Stormwater Manager  
 Dr Nancy Gassman, Assistant Public Works Director - Sustainability  
 Glen Hadwen, Sustainability Manager  
 Kimberly Pearson, Sustainability Coordinator, Staff Liaison

Department of Sustainable Development

John Travers, Building Official  
 Jim Hetzel, Principal Planner  
 Christian Cervantes, Urban Planner I

City Manager's Office

Chaz Adams, Strategic Communications Manager

Jorge Hruschka, Chief Service Officer

**Panelists**

Shannon Estenoz, Vice President of Policy & Public Affairs/Chief Operating Officer, The Everglades Foundation (Moderator)

Dr Nancy Gasman, Assistant Public Works Director – Sustainability, City of Fort Lauderdale

Mr. Jiro Yates, Architect & Partner, FSMY Architects

Mr. Joe O'Donnell, Owner, Parrot Lounge

**Call to Order/Roll Call**

The meeting was called to order by Ms. Carolann Mazza at 6:15 p.m. The roll was called, and a quorum was present.

**Approval of the Meeting Minutes**

The meeting minutes for December 16, 2019 were introduced. Ms. Pearson noted a correction to the spelling of Ms. Mazza's name. With this correction, a motion was made by Ms. Woods and seconded by Mr. Meade to approve the minutes. Motion passed unanimously.

**Welcome and Introductions**

Ms. Mazza welcomed guests to the Sustainability Advisory Board Public Forum and introduced the Board. Ms. Mazza explained that the function of the Sustainability Advisory Board is to advise the City Commission on sustainability issues. She described some of their initiatives and projects.

**Public Forum**

Ms. Shannon Estenoz of the Everglades Foundation was introduced as the moderator for the event. Ms. Estenoz welcomed guests and reviewed the Questions and Answer (Q&A) colored index card process. She reviewed housekeeping and agenda items. She then introduced the panelists.

- Dr. Nancy Gassman, Assistant Public Works Director – Sustainability
- Mr. Jiro Yates, Architect, FSMY Architects and Planners
- Mr. Joe O'Donnell, Owner, Parrot Lounge

Ms. Estenoz gave an introduction to Sustainability and Resilience in South Florida. She discussed the following points:

- South Florida climate change impacts, including sea level rise, rising temperatures, hurricane intensification, rising evaporation, and changing rainfall patterns;
- The implications of rising temperatures and pollution on increasing algae growth in our waterways;
- The history of the Everglades in which waterways were diverted to accommodate development. That water management system was designed to serve 2 million people and now serves 8 million;

- Taking responsibility to address climate change by reducing our own energy footprint and ensuring that our waste management and wastewater management systems are sustainable for future generations; and
- Commending the City of Fort Lauderdale’s efforts in confronting the vulnerabilities and being an example for other communities.

Dr. Gassman presented on the City of Fort Lauderdale’s sustainability and resiliency initiatives and accomplishments. She discussed the following points:

- Initiatives, awards, and performance metrics of the five groups of the Sustainability Division
  - Sustainability and Climate Resilience
  - Fleet Services
  - Solid Waste and Recycling
  - Stormwater Operations
  - Environmental and Regulatory Affairs;
- Establishing a culture of resiliency in the City;
- Master Planning for resiliency; and
- Funding resiliency.

***For detailed information, see attached presentation.***

Mr. Yates presented on Sustainability and Resilience as it relates to green building and architecture. His presentation included discussion of the following points:

- The Republic Services building in West Palm Beach which is a LEED certified building. Its green features include a highly reflective roof, high efficiency air-conditioning system and LED lights;
- LEED certification becoming easier to obtain because these sustainable practices are now more common;
- A project for Penske Porsche, whose owner wanted the building to be sustainable but the LEED requirements were a burden for the owner, so they decided not to pursue the certification;
- Challenges that Florida faces with rooftop solar panels such as designing them to withstand hurricane force winds and the hot temperatures effects the performance over time;
- A project with the Hilton Fort Lauderdale Beach Resort which incorporated wind turbines. He explained that wind turbines are not prevalent in Florida due to the lack of consistency of windy days but in this case the wind turbines were enough to cover the electrical lighting in the building;
- Examples of resilient construction in Mexico Beach, including features such as metal roofs, hip roofs which are more wind resistant, smaller over hangs, impact windows, and breakaway walls on the ground floor;
- The impact of tidal issues, sea level rise, and salt water intrusion on our underground pipes and other infrastructure.

***The full presentation is attached.***

Mr. O'Donnell spoke about the sustainable initiatives he has taken within his daily operations. These included the following points:

- Alternative solutions to reduce single-use plastic and polystyrene materials which are often cheaper to purchase;
- The importance of businesses taking the initiative on their own to become greener;
- Participation by staff with partner organization in monthly beach cleanups. In that process they have come across many other groups doing the same thing including Surfriders, Oceana, Las Olas Beach Clean Up and Trashy Girls Collective;
- The importance of keeping our beaches clean to the tourist industry; and
- Finding alternatives to plastic straws and other single-use plastics is not difficult. There are straws made of spaghetti, bamboo, and steel. He showed the audience an agave straw. The agave straw cost 2 cents and biodegrades within 240 days.

The Moderator began the Q&A segment with audience.

***See attached questions and priorities submitted.***

### **Adjournment**

The moderator shared a closing synopsis. Ms. Mazza thanked everyone for their attendance and participation. Ms. Talbut made a motion at 8:18PM for adjournment, seconded by Ms. Mazza. Motion was approved unanimously.