

CORAL GABLES SUSTAINABILITY ADVISORY BOARD  
 CORAL GABLES GARDEN CLUB  
 1200 ANASTASIA AVENUE  
 CORAL GABLES, FL 33134

WEDNESDAY, JANUARY 24, 2018 @ 5:00 P.M.

MINUTES

MEMBERS	F	M	A	M	J	J	A	S	O	N	D	J	APPOINTED BY:
	17	17	17	17	17	17	17	17	17	17	17	18	
Martin Pinilla						P	P	P	E	*	P	P	Mayor Valdes-Fauli
Sharon Trbovich	P	A	E	P	P	P	P	P	P	*	E	P	Commissioner Quesada
Rhonda Anderson	P	P	P	P	P	P	P	P	P	*	P	P	Commissioner Lago
Greg Hamra					P	P	P	P	P	*	P	P	Commissioner Mena
Marlin Ebbert	P			E	P	P	E	P	P	*	P	P	Vice Mayor Commissioner Keon
Enrique Bernal	P	P	P	E	P	E	P	P	E	*	P	P	City Manager Swanson-Rivenbark
Irela Bague	P	P	E	P	P	P	P	E	P	*	P	P	City Commission-As-A-Whole

A – Absent  
 P – Present  
 E – Excused  
 (\*) no meeting

**STAFF:**

Matthew Anderson, Sustainability Advisory Board Staff Liaison  
 Jeannette Reyes, Administrative Assistant  
 David Lindsey, Administrative Analyst

**CALL TO ORDER:**

The Chairperson, Irela Bague called the meeting to order at 5:05 pm.

**GUEST:**

Ray Airan, Coral Gables Resident  
 Teddy Lhoutellier, Sustainability Manager at the University of Miami  
 Jasper Brock, Coral Gables Resident  
 Marianna Yerak, Coral Gables Resident  
 Luiz Rodriguez, Coral Gables Resident

**MOTIONS:**

**December 12, 2017 SAB meeting minutes - Marlin made a motion to approve the meeting minutes, Sharon seconded the motion. The motion was unanimously approved.**

**Marlin made a motion for the City Commission to draft a Proclamation for Biscayne National Park 50<sup>th</sup> Anniversary, Rhonda seconded the motion. The motion was unanimously approved.**

*Sustainability Master Plan Presentation (please see attached presentation)* – Matt provided an overview of the City’s Sustainability Master Plan. The development of the plan originally started in 2015. Staff had kick off meetings to identify data sources for the green-house gas emissions inventory. There were also collaborative workshops with the City’s Directors focusing on City operations and public involvement plans. The focus areas of the plan include: **energy, water, materials** (waste, solid waste, recycling), **fleet, climate, land use & transportation, outreach and finance.**

**There are 23 proposed projects** which include upgrading the City’s irrigation system and flow and flush fixtures, adding Electric Vehicles to the fleet, increasing our building energy efficiency (HVAC, lighting, building automation, etc.), LED Streetlights and Garage Lighting, exploring renewable energy (Solar PV and Solar Thermal), vulnerability assessment, adding more bike and pedestrian infrastructure, increasing waste diversion and recycling efforts.

### **Coral Gables Government Operations and Community Wide Greenhouse Gas Inventory (Calendar Year 2013)**

#### **Community Wide Emissions- 771,972 metric tons CO<sub>2</sub> e**

- **39% Commercial Sector:** (300,866 tons CO<sub>2</sub> e) : Electricity and Natural Gas Consumption
- **31% Transportation:** (238,983 tons CO<sub>2</sub> e): Gasoline and Diesel Fuel Vehicle Miles Traveled
- **27% Residential:** (209,547 tons CO<sub>2</sub> e): Electricity, Natural gas, and Propane consumption

#### **Local Government Operations Emissions- 13,762 metric tons CO<sub>2</sub> e**

- **50% Buildings/Facilities:** (6,873 tons CO<sub>2</sub> e) : Electricity and Stationary Fuel Consumption
- **23% Fleet:** (3,130 tons CO<sub>2</sub> e): Fleet Vehicle and Off highway vehicle Emissions
- **13% City Streetlights:** (1,844 CO<sub>2</sub> e): Streetlight Electricity consumption

The City has set preliminary goals of reducing energy and water consumption, fuel usage and overall greenhouse gas emissions by 20% by 2025. The City has also set a goal of diverting single family residential and municipal operations solid waste by 75% by 2020 which aligns with the State of Florida’s waste diversion goal.

**Below are the sustainability goals included in the City’s 3-year Strategic Plan and 10-year Sustainability Master Plan:**

Action	2013 Baseline	Intermediate Target (2019)**	Long Term Target (2025)
Reduce electricity use	<b>15,151,043 kWh</b>	2,272,656 kWh (15%)	<b>3,030,208 kWh</b> (20%)
Reduce water consumption	<b>101,893 kgal</b>	8,151 kgal (8%)	<b>20,378 kgal</b> (20%)
Divert solid waste*	<b>44,428 tons</b>	20,336 tons (60%)	<b>33,321 tons</b> (75%)
Reduce fossil fuel use	<b>436,106 gallons</b>	8,722 gallons (2%)	<b>87,221 gallons</b> (20%)
Reduce GHG emissions	<b>13,762 mtCO<sub>2</sub>e</b> <b>771,972 mtCO<sub>2</sub>e</b>		<b>2,752 mtCO<sub>2</sub>e</b> <b>154,394 mtCO<sub>2</sub>e</b> (20%)

The progress on the Sustainability Master Plan since 2013 is currently at: electricity usage from 14.5 million kilowatts per hour down to 14 million kilowatts per hour (down 4.5%), buildings water efficiency went from 26 million gallons to 18 million gallons (down 30%), Irrigation use has increased primarily due to the added green space (up 16%). Matt highlighted a number of the City's sustainability initiatives such as LED Lighting upgrades, Electric Vehicle Fleet, Smart Irrigation installations, education and outreach, sea level rise efforts, etc.

The City is currently conducting a 2017 update to the 2013 GHG Inventory to be included in the final plan that will be brought forward to the City Commission for approval.

To view the Sustainability Master Plan process, please visit the City of Coral Gables web-site at [www.coralgables.com/sustainability](http://www.coralgables.com/sustainability)

The S. A. B. Chair commended Matthew on his efforts and passion on Sustainability. The Chair is pleased on how far the City has come due to Matt and staff's efforts.

### **MEMBER'S REPORT:**

*Rhonda:* has a sample of a metal roofing display by Decra ([www.decra.com/products](http://www.decra.com/products)), she will be taking it to Chelsie at City Hall and encourages the members to stop by and take a look at.

*Martin:* met with Mayor Valdez-Fauli who is interested in the ideas Martin presented to him. Matt will have Martin get in touch with Jorge Acevedo, Public Works Utilities Division Director for information on waste water re-use.

*Sharon:* spoke with Brook Dannemiller who said he would try to get some trees for her to present at *Family Fun Day*.

*Marlin:* wants to ask the Cinema if they have availability on Tuesday, April 17, 2018 to show a good movie, open it up to the City. She will try to get the cinema to do it as a \$5 ticket event.

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Marlin would like to see the City partner up with the Cinema, the Museum and Books & Books and make it an Earth Day week event.

*Enrique:* has been speaking with the contractor who is installing the Solar Roof at Biltmore Park, the contractor will be making a presentation next month at the Sustainability Advisory Board meeting scheduled for Wednesday, February 28, 2018.

*Greg:* The Climate Solutions Caucus started in Miami, at the time there were only six people in the Caucus now there are 66 members. The Annual CLEO Training is scheduled for February 3, 2018 and therefore the Miami Chapter of Citizens Climate Lobby is now scheduled for February 17, 2018.

*Irela:* Rhonda, Matt, David and Irela attended the 9<sup>th</sup> Annual South Florida Regional Climate Compact in Broward County (The Business of Resilience), updating what all Communities, Cities and Governments should be doing to lower, mitigate and adapt to climate change. Tomorrow Matt and Irela will attend the Resilient Utility Summit that Miami Dade will be hosting.

Matt mentioned that on Friday, January 26, 2018 the City will be recognized at the Resilient Utilities Coalition Annual Conference as an Resilient Utility of the Year Award Recipient for the Cocoplum Pump Station, which will be ENVISION Certified. The first water and waste water project certified in South Florida.

Irela would like to add Biscayne National Park to the agenda as they celebrate their 50<sup>th</sup> anniversary this year (est. October 18, 1968). Irela would like for the Board to recommend that the City Commission participate with Biscayne National Park and providing a Proclamation as well as having a Biscayne Day in the City of Coral Gables in support of.

Marlin mentioned that she had a meeting with the City Manager regarding the trash piles that some of the Commissioners would like to eliminate. There was discussion of maybe having a drop box at the Coral Gables Library or at some centralized permanent location, for people to drop off their cardboard boxes.

**GUEST COMMENTS:**

Teddy mentioned that tomorrow night at 6:00 pm, there will be a Conference Symposium at the UM Law School. The discussion will be about the rule of municipalities and local government in shaping climate resiliency and sustainability. Matt will be attending and the City Attorney's Office will be speaking at the event.

**ADJOURNED: 6:30pm**