

# BAHAMAS LOTUS

Special Edition COP27 in Sharm El Sheik  
November 2022



## Race to Zero's at COP27

At the Climate Change Conference (COP 27), countries came together to take action towards achieving the world's collective climate goals as agreed under the Paris Agreement and the Convention. The conference took place from November 6-18, 2022, in Sharm el-Sheikh, Egypt. Here are some of the highlights for the Race to Zero at COP27.

## Creating The Best Future for the Caribbean

The Caribbean is one of the most vulnerable regions in the world to the impacts of climate change with coastal communities and low-lying areas being particularly exposed to the combined threats of sea level rise and extreme weather events. We can never really foresee the future, which makes it dynamic, ever changing, causing it to be shaped by many unforeseen circumstances. For this very reason the Caribbean must rethink its future, and the time is now. By investing in green transportation, the usage of clean energy, creating environmental services and conservation programs we must ensure the reduction of greenhouse gas to insure our survival. We can dream about the future we want; however, we must take action to make it happen. This is the most important challenge that lies before the Caribbean.



Rt. Hon. Philip Davis of The Bahamas, Bahamas Lotus President Ms. Dwina Higgs, Senior Medical Officer Dr. Calae Philippe & COP27 National Youth Delegate

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## Our Youth, Moving the Needle

During the Egyptian Youth Panel presentation panel members discussed SEVERAL potential solutions that would help in reaching zero net emission. These individuals presented solutions on Green Hydrogen, Renewable, Cybernetics, Green Wells (application in Egypt), Carbon Capture Utilizing storage, Increasing Consumer de-carbonizing in Product Purchase.

One of the topics discussed was Climate Change a System of Cybernetics, which resonated with the youth in the audience. Cybernetics is a way of setting up models, while using monitors, to compare what is happening to a system at various times through general standards of what should be happening. A controller is used to then adjust the systems accordingly to create a base model.

Incorporating concentrated solar power maximizes absorption, rather than Standard solar where 10% of the panel does not have an opportunity to capture solar energy. Other options were further highlighted, such as using a solar panel central receiver to collect energy and store for later usage.



Founder of Akhepran Int. Acad. (AIA) Dr. Jacinta Higgs, Australian Nat'l Univ. Professor Mina Henein , Bahamas Lotus (BL) President Ms. Dwina Higgs & AIA/BL Youth Ambassadors

With Carbon Consumption we have some interesting takeaways:

- + Start young, educating kids
- + Focus on consumption
- + 70% of Consumers are more likely to purchase environmental friendly products
- + 74% of people can't identify environmental friendly products
- + 73%are willing to pay more for green products
- + Environmental Labeling (A,B,C- lower environmental product carbon, noting footprint, water usage, and harmful products the could have been released during the products life cycle), like food labels for healthier options.

"The future belongs to those who believe in the beauty of their dreams."

ELEANOR ROOSEVELT





# Seedlings

"Those who control seeds, control the world."

BRIGHAM YOUNG



SEED OF LIFE

The essence of plant life starts through seeds. Agriculture is the bases of human life without seeds you cannot garment the regrowth of a plant. China controls two-thirds of the seeds in the world. 90% of the farmers who have their land taken away commit suicide. This is because as farmers, their land is the only thing that they have.

Why is agriculture important? It helps sustain life by providing the food needed to survive. It reduces poverty, raises incomes, and improve food security for 80% of the world's poor work in rural areas. Changes in the ozone, greenhouse gases and climate changes affect agricultural greatly because it is dependent on the climate conditions. Temperature changes can cause habitat ranges and crop planting dates to shift, floods and drought which disrupts food availability, reduce access to food, and affects food quality. Despite agriculture's importance it fails to rank within the top 10 largest commercial industry of the world.

Even though Industrial farms are believed to be feeding the world, it is the small farms, bi-level farms, the ecological farms that produce 75% of the food we consume. Food can be grown in abundance, ecologically sustainable, and just ways. But to do this, we need a shift in our perception, we need a change in paradigm. We are a part of nature, and we must participate in its processes.





## Promoting Adaptation & Resilience for the Poor and Vulnerable.

Have you ever realized that when you are working on an issue, there is a series of other areas that also need to be addressed? This was also true of this session presented. The panel included: Ertharin Cousin former ED of World Food Program, J. Carl Ganter founder of Circle Blue, and Cristina Alonso head of ESG Bayer. Their focus was for people to acknowledge that "Climate is water", "if climate mitigation is about carbon emission, climate adaptation is about water." Adaptation here is not only having the land, or the seeds, not even the physical structure sometimes. It is having more crop per drop. Having access to new tools to allow farmers to produce in a more climate stressed environment. These tools should be available regardless of our location and financial means. When you think about making a community resilient, consider all aspects that hinder them from success.

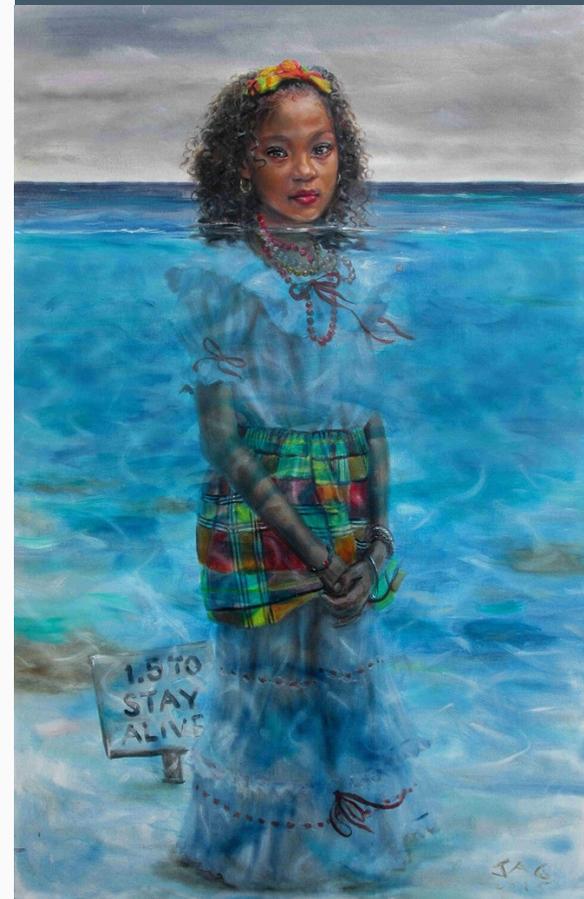
## 1.5 To Stay Alive Campaign

#1point5toStayAlive is a Panos Caribbean initiative to help make the Caribbean's case for 1.5°C. Since 2009, Small Island Developing States and many others have been calling for limiting global temperature rise to 1.5°C above pre-industrial levels to prevent the worst of climate change impacts.

Today, the international community has restored global faith in this critical process that is dedicated to ensuring no one gets left behind. We salute the agreements made at COP27 and anxiously await the results of the decisions made. More than ever before we must solidify the bonds across territories. We must work even harder to ensure that the 1.5C warming limit to operationalize the loss and damage fund, and continue to create a world that is safe, fair, and equitable for all.

"What you do makes a difference and you have to decide what kind of difference you want to make."

DR. JANE GOODALL





“There are no passengers on Spaceship Earth. We are all crew.”

MARSHALL MCLUHAN

## Private sector Investments funds for climate adaptation impact: good practices and learning from leading examples

Climate change is among the greatest challenges of our time. Taking the necessary steps to limit global temperature rise and put the world on a more sustainable path will require transformational leadership, funding, and a re-imagining of economies. Green Climate Fund (GCF) and Global Environment Facility (GEF) brings together experts who are shaping workable solutions for local, national, and global leaders to meet the climate challenge and seize opportunities for climate-resilient growth around the world.

Far too often we do not sit at a table and have conversations, sharing our history and exchanging information on best practices, and lessons learned. Just being in the room like a community and sharing, we can combat climate change. We must realize that by working together we have so much to gain and everything to lose by working in silos. There must be a way to live in harmonization with all stakeholder's, government, CSO's, NGO's and the people.



“Small acts,  
when multiplied  
by millions of  
people, can  
transform the  
world,”

HOWARD ZINN

