



Carbon Negative Technology Innovations Fighting Climate Change

February 10, 2021
Noon - 1:15 PM HST

Welcome!

- **This virtual gathering is being recorded**
- Chat
 - Introduce yourself
 - Where are you calling from?
 - How did you hear about this webinar?
- Q&A
 - What question(s) are you hoping will be answered by today's discussion?



Veronica Rocha
"Co-MC"



David Janes
"Co-MC"



Naoki Nagai
"DJ"

Overview

- Introductions
 - PICHTR's Climate Adaptation Collective
 - OIST Foundation
- Backdrop
- Panel Presentations
- Group discussion

**Please enter your
questions into the
Q&A at any time!**

Climate Adaptation Collective



- PICHTR's newest initiative
- Focus on climate change **adaptation**
 - **Capacity building**
 - **Advocacy**
- Collective refers to the collection of related challenges, opportunities, and people committed to making a meaningful difference in climate change adaptation

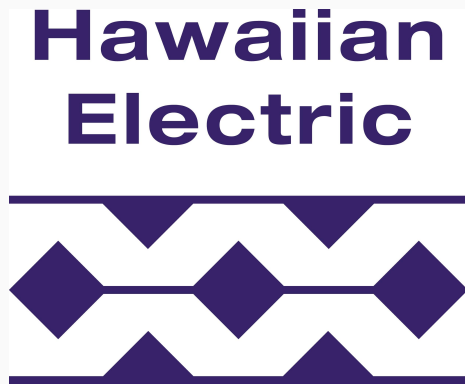
OIST Foundation



- The **OIST Foundation** supports scientific breakthroughs, innovation, and the sustainable development of Okinawa through OIST
- **OIST (Okinawa Institute of Science and Technology Graduate University)** is a pioneering graduate university. We conduct research that bridges disciplines to explore new frontiers of scientific knowledge. We educate a new generation of scientific leaders. We are a catalyst for an innovation hub in Okinawa.
- Strong focus on climate, alternative energy, and environmental research

Thank you to our sponsors!

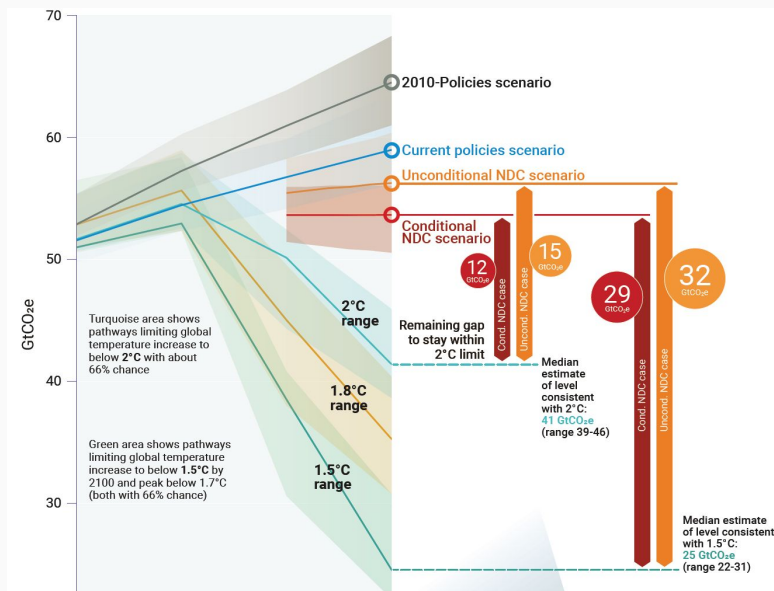
- Today's webinar is made possible thanks to our sponsors:



**Consulate
General of
Japan in
Honolulu**

Carbon Negative Technology Innovations Fighting Climate Change - Backdrop

- Is Climate Change Getting Better? Absolutely not.



“Current NDCs remain seriously inadequate to achieve the climate goals of the Paris Agreement and would lead to a temperature increase of at least 3.0°C by the end of the century.”

-UNEP Emissions Gap Report 2020

NDCs: Nationally Determined Contributions

Carbon Negative Technology Innovations Fighting Climate Change - Backdrop (continued)

- Today we will be discussing three technologies that reduce CO2 in the atmosphere
 - CO2 repurposing → **CarbonCure**
 - CO2 sequestration through enhanced floral activity (seagrass/kelps) → **ECONcrete**
 - Switching from burning fossil fuels to renewable energy through next generation solar cells → **OIST**
- CarbonCure and ECONcrete also support climate change adaptation

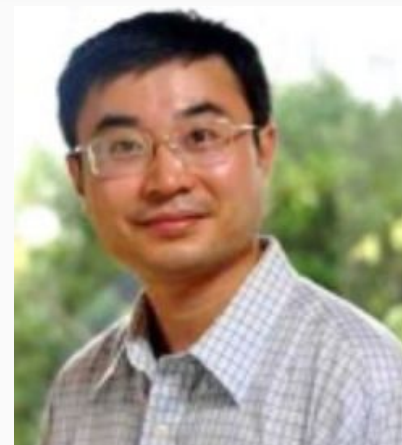
Carbon Negative Technology Innovations Fighting Climate Change - Panelists



Christie Gamble
Senior Director of
Sustainability, CarbonCure
Technologies Inc.



Shimrit Perkol-Finkel, PhD
Co-Founder & CEO,
EConcrete Tech LTD



Yabing Qi, PhD
Professor, OIST

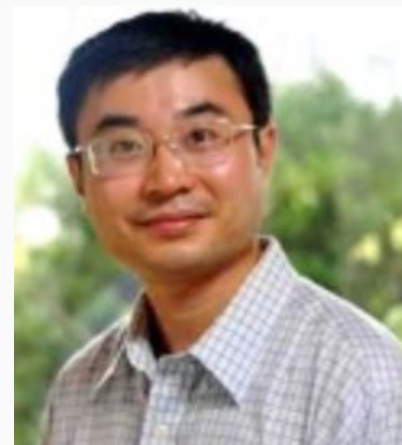
Carbon Negative Technology Innovations Fighting Climate Change - Q&A



Christie Gamble
Senior Director of
Sustainability, CarbonCure
Technologies Inc.



Shimrit Perkol-Finkel, PhD
Co-Founder & CEO,
EConcrete Tech LTD



Yabing Qi, PhD
Professor, OIST

Carbon Negative Technology Innovations Fighting Climate Change - Pau!

- Wrap-up
 - Chat - enter your #1 takeaway from today
- What's next?
 - Video recording and presentations - **see follow-up email**
 - Feedback survey - **see Chat & follow-up email**
 - Next webinar: Climate Change Resilience Planning and Adaptation, March 10 @ 12-1:30 PM HST
- Mahalo! Thank you!

Please get in touch!

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