



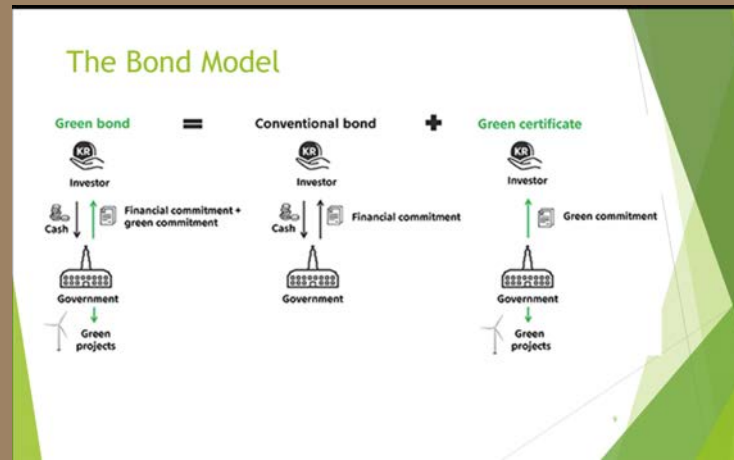
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Hack for Humanity 2022

Global Climate Change:

Organized by the Center for Human Rights and Humanitarian Studies, Hack for Humanity is an annual humanitarian focused hackathon at Brown University that brings together students to learn about the most pressing needs in the human rights and humanitarian sphere and develop creative ideas for innovative programs or technologies that could help improve the lives of disaster and conflict affected communities around the world.

This year's hackathon focused on how to better prepare for and respond to the impacts of climate change on societies across the globe. Students worked together over the course of two days to develop creative ideas for innovative programs, systems, or technologies that could improve how we anticipate, prepare for, and/or respond to climate induced disasters. While the team had the flexibility to address any area that is applicable to the overarching topic of global climate change and the associated societal impacts, we provided a list of potential subtopics that they could draw from to narrow their focus. It was important that the team recognize the listed cross cutting issues they worked towards developing their project pitch.



Respect for Individuals/Communities

- Project Health CV is Cape Verdean based
 - Biannual support
 - Existing relationship is positive
- Materials provided in Creole
- Empower individuals
- Local partners allows for convenience and trusted leaders
- Cape Verdean community has expressed a want for in RI

12 Water Access for All | Hack for Humanity

Microgrid Implementation in the Dzaleka Refugee Camp, Malawi, and Beyond

Training Pamphlets

The pamphlets provide information on heat-related conditions:

- BONITA SALUD - ¿CÓMO DEBERÍAS SENTIRTE DURANTE LAS CALORIAS?** (How should you feel during heat?)
- BONITA SALUD - ¿CÓMO DEBERÍAS SENTIRTE DURANTE LAS CALORIAS?** (How should you feel during heat?)
- HEAT EXHAUSTION V.S. HEAT STROKE**
 - HEAT EXHAUSTION:** Faint or Dizzy, Excessive Sweating, Cool, pale, clammy skin, Nausea or Vomiting, Rapid, weak pulse, Muscle cramps.
 - HEAT STROKE:** Throbbing headache, No sweating, Hot, hot, dry skin, Body temp. above 101°F, Nausea or Vomiting, Rapid, strong pulse, May lose consciousness.
- Agotamiento por Calor V.S. Golpe de Calor**
 - Agotamiento por Calor:** Debil e mareado, sudoración excesiva, piel fría, húmeda y húmeda, Náuseas o vómitos, Pulso rápido y débil, Calambres musculares.
 - Golpe de Calor:** Dolor de cabeza, piel seca, temperatura del cuerpo, Náuseas o vómitos, rápidos, fuertes, respiratorios, pérdida de conocimiento.

STUDENT PITCH PRESENTATIONS

\$3000 Seed Grant Winner: Bonita Salud

2nd Place: Water Access in Cape Verde

3rd Place: Farm Aid: a Soil Health Measuring System

- Microgrid Implementation in the Dzaleka Refugee Camp, Malawi, and Beyond
- Re-Inventing Climate Finance for Climate Change
- MediVive: An Online Extended Medication Stability Management Database
- Tally: Donation Request and Tracking Platform



Bonita Salud

HACK FOR HUMANITY 2022

WINNING PRESENTATION

Socially isolated elderly populations are facing high rates of mortality and heat stroke under increasing extreme heat events, jeopardizing the community's resilience capacity to climate change.

Their mission is to build community resilience against extreme heat events by fostering deep social support networks for isolated elderly populations, preparing them for heat emergencies and monitoring their well-being throughout such events.

Their vision is to help vulnerable communities in Mexico and beyond become resilient against extreme heat events by helping the elderly reintegrate into society.

www.reallygreatsite.com

KEYNOTE ADDRESS

Kim Cobb

Director of Brown University's Institute at Brown for Environment and Society



Kim Cobb is an award-winning climate scientist whose research focuses on building capacity for climate solutions. In her research, Cobb seeks to advance understanding of future climate change impacts, with a focus on climate extremes and coastal flood hazards.



Thank you to our Sponsors

This event would not have been made possible without the generous support from the Hearst Foundations, the Brown Global Health Initiative, the Institute at Brown for Environment & Society and the Climate Solutions Lab and the Watson Institute.



Thank you to our Mentors

Over the course of the hackathon, participating teams interacted with a selected group of faculty, national and international mentors in order to gain a better understanding of the core issues associated with their respective presentations.

KEEP IN TOUCH

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