Dear Friends,

2022 witnessed growing global awareness and alarm about the urgency of climate action. There is also an increasing appreciation of ocean-related climate solutions. We at the Blue Climate Initiative are honored to be accelerating ocean protection and programs in concert with a tremendous network of collaborators.

2022 was a major year for us, with strides in all of our programs. There’s no doubt that the challenges we face mandate collaboration and cooperation at unprecedented scale.

Our year’s highlight was the Blue Climate Summit in French Polynesia in May 2022. This provided the opportunity to work with many ocean and climate advocates in advancing important programs and initiatives. We were fortunate to have enormous support from the Government of French Polynesia -- which has become a global leader in ocean protection with highly effective traditional programs and advocacy of a moratorium on deep sea mining.

Support from ocean leaders in 2022, including the visionary Richard Bailey and other generous ocean/climate advocates, enabled us to encourage, incentivize and support other innovative projects and community programs through our Ocean Innovation Prize and Community Awards. This was a powerful way to maximize impact at a global level.

We have many to thank for allowing us to have the impact we had in 2022. Rather than attempting to list everyone, we want to simply, gratefully and humbly thank all of our collaborators, partners and donors for helping us to achieve the impact we have had and enabling us to continue with our efforts.

With deep appreciation and a renewed sense of urgency,

Stan Rowland  
For the Blue Climate Initiative Team
This global convening in French Polynesia brought together 250 ocean and climate advocates from around the globe to advance 20 projects targeting ocean protection and climate change. Participants included scientists, community and cultural leaders, government officials, youth representatives and environmental organizations.

The Summit Co-Conveners included Prince Albert II of Monaco, Richard Bailey, Marc Benioff, Dr. Sylvia Earle, Andrew Forrest, French Polynesia President Edouard Fritch, Laura Turner Seydel and Nainoa Thompson.

Projects ranged from a new blue carbon exchange and an MPA watch to a wave energy incentive competition and a deep sea mining (DSM) moratorium project. Traditional knowledge and youth involvement were a major focus - providing valuable new perspectives and insights.

Special thanks go to the Government of French Polynesia, which provided invaluable support and hosted the opening session at the Presidential Palace, a special welcome ceremony at the sacred site of Taputapuata, and an Ocean Concert which brought together Summit participants and the public.

For more information, please see the following on our website:

- Blue Climate Summit Website Page
- Summit Outcomes Report
- Summit Highlights Video
We raised $1 million to encourage and support innovations that mitigate climate change through ocean-related strategies. We then conducted a global incentive challenge in collaboration with the United Nations Decade of Ocean Science for Sustainable Development and the Sustainable Ocean Alliance that attracted 235 applicants from 60 countries. In 2022, we had the honor of awarding $1 million to the most promising programs. The winners were:

**USA** - Seaweed feed supplements reducing livestock methane emissions by 90%

**Guadeloupe** - Carbon capture and energy from Sargassum seaweed

**Indonesia** - A seaweed-based solution for a plastic-free ocean

The Honorable Mentions were:

**Clean energy from ocean waves**

**Clean electricity from ocean and sea waves**

Special thanks to our High Level Judges: Richard Bailey (Pacific Beachcomber), Craig Cogut (Pegasus Capital Advisors), Daniela Fernandez (SOA), Françoise Gaill (CNRS), Margaret Leinen (Scripps), Vladimir Ryabinin (IOC/UNESCO), and Jyotika Virmani (Schmidt Ocean Institute), plus our Expert Evaluators listed at the end of this report.

For more information, see: BCI's Innovation Prize Website Page
At the Blue Climate Summit we recognized the winners of our global challenge seeking the most promising community-based programs working on ocean-related solutions to climate change. Winners have been successfully expanding their projects, building on the total of $200,000 awarded to these programs in 2021.

**Blue Action Lab**
**Bahamas** - Turning urgently needed ideas for coastal climate resilience solutions into reality

**Futuro Sostenible**
**Peru** - Strengthening adaptive and resilient development in the northern part of the great marine ecosystem of the Humboldt current in Peru

**Te Pu Atitia**
**French Polynesia** - Moorea 2030 Citizens Assembly for Island Sustainability.
SeaPoWer

**Tanzania** - Improved seaweed farming for women’s empowerment, livelihoods and environmental protection

Rare

**Philippines** - Building a network of climate-resilient coastal communities through community engagement and behavior adoption

OneReef

**Micronesia** - The Ocean Guardian Project, combining Pacific Island traditional stewardship with science and tech to build a nature-based climate solution
Our 2022 missions and projects included the following:

**Ocean Carbon Dioxide Removal:** Sequestering carbon through ocean-related strategies
- The Blue Carbon Exchange (BCX)

**Blue Climate Change Mitigation:** Avoiding carbon emissions through ocean-related innovations
- Tahiti Wave Energy Challenge
- Marine Permaculture Project
- Solar Power Installation at Moorea Research and Cultural Center

**Ocean Protection:** Scaling up conservation efforts benefitting nature and people
- Deep Sea Mining Moratorium
- Rights of the Ocean Coalition Building
- Mangrove Restoration
- MPA (Marine Protected Area) Watch

**Sustainable Blue Tourism:** Supporting tourism programs contributing to climate change mitigation
- Net Zero Tahiti

**Ocean/Climate Outreach and Education:** Advancing climate and ocean protection awareness, education and action
- “Blue Climate” Education Program in French Polynesia Schools
- “Deep Rising” Deep Sea Mining Moratorium Impact Campaign
The following are our top priorities for 2023:

**Deep Sea Mining (DSM) Moratorium**
Help achieve a DSM moratorium through work with governments, ports, corporations, individuals and the International Seabed Authority.

**Net Zero Tahiti**
Support an effort to reduce the carbon footprint of tourism in Tahiti through engagement with policy-makers and the tourism industry.

**Tahiti Wave Energy Challenge**
Support an international wave energy demonstration project in Tahiti in conjunction with the 2024 Olympic surfing competition in Tahiti.

**Marine Permaculture**
Help establish a seaweed farming and carbon capture and sequestration pilot project in French Polynesia that can be scaled and replicated globally.

**Blue Ecosystems & Carbon Exchange**
Assist in the development of a blue carbon exchange that avoids the problems with green carbon exchanges.

**MPA Watch / Marine Protection Atlas**
Support partners in the adoption of global standards and a monitoring and evaluation system for MPAs.

**Hokulea/ Moananuikea Voyage**
Support the Polynesian Voyaging Society’s historic circumnavigation of the Pacific carrying a call for greater ocean protection.
We thank our many supporters and collaborators including the following who have generously provided their time, energy and ideas to support our programs. Please visit our website for a more comprehensive list.

**Summit Co-Convenors**
H.S.H. Prince Albert II of Monaco  
Sylvia Earle, Mission Blue  
President Edouard Fritch, Government of French Polynesia  
Richard Bailey, Pacific Beachcomber  
Marc Benioff, Salesforce  
Andrew Forrest, Minderoo Foundation  
Nainoa Thompson, Polynesian Voyaging Society  
Laura Turner Seydel, Turner Foundation

**Prize Judges**
Tamatoa Bambridge, CNRS  
Kate Brown, GLISPA  
Craig Cogut, Pegasus Capital  
Daniela Fernandez, Sustainable Ocean Alliance  
Françoise Gail, CNRS  
Margaret Leinen, Scripps Institution of Oceanography  
Vladimir Ryabinin, UNESCO IOC  
Rebekah Shirley Lukera, World Resources Institute  
Jyotika Virmani, Schmidt Ocean Institute

**Ocean Innovation Prize Expert Evaluators**
Louis Metzger, Rejuvenate Bio  
Bela Hanratty, Keeling Capital  
Nina Boys, Beyond Green Travel  
Christian Vanizette, MakeSense.org  
Teresa Christopher, Amazon  
Thierry Chopin, University of New Brunswick  
Donna K Hazard, SeaAhead  
Trisha Atwood, Utah State University  
Elena Perez, World Economic Forum  
Tony Charters, Global Ecotourism Network  
Imogen Rose-Smith, Combine Capital  
Alison Clausen, Ocean Decade  
Neil Davies, Gump Research Station  
Craig Dudenhoefner, Sustainable Oceans Alliance  
Mevin Kistnassamy, Blue Pelican Capital  
Megan Morikawa, Iberostar Group  
Loreley Picourt, Ocean & Climate Platform

**Summit Program Committee**
Joachim Claudet, CNRS  
Neil Davies, Gump Research Station  
Loreley Picourt, Ocean & Climate Platform  
Lorin Fries, FutureTable  
Ignace Beguin Billecocq, UNFCC  
Gigi Brisson, Ocean Elders  
Kate Brown, GLISPA  
Alison Clausen, Ocean Decade  
Emanuele Di Lorenzo, Ocean Visions  
Craig Dudenhoefner, Sustainable Oceans Alliance  
Sylvie Goyet, Fondation Prince Albert II de Monaco  
Dan Hikuroa, University of Auckland  
Fabien Laurier, Deloitte  
Rebekah Shirley Lukera, World Resources Institute  
Megan Morikawa, Iberostar Group  
Hinano Teavai Murphy, Te Pu Atiti’a  
Gerard Siu, Maritime Cluster of French Polynesia  
Torsten Thiele, Global Ocean Trust
The Team

MEET

The Team

Core Team

Stan Rowland
CEO
Victoria Rowland
Director of Strategic Partnerships
Lorin Fries
Strategic Advisor
Jeanne Everett
Director of Program and Operations
Kathy Maye
Project Officer, Operations

Transformational Opportunity Leads

Diva Amon, Benioff Ocean Initiative
Robert Blasiak, Stockholm Resilience Centre
Costas Christ, National Geographic
Joachim Claudet, CNRS
Chris Costello, UC Santa Barbara
Michael Depledge, European Centre for the Environment & Human Health

Lora Fleming, University of Exeter
Steve Gaines, UC Santa Barbara
Sandra Howard, Colombia Vice-Minister of Tourism
Dan Kammen, UC Berkeley
Phil Landrigan, MD, Boston University
Yadvinder Malhi, University of Oxford
John Stegeman, WHOI

Steering Committee

Costas Christ
Founder & CEO, Beyond Green Travel
Neil Davies
Executive Director, University of California Berkeley South Pacific Research Station, Moorea
Richard Bailey
Chairman & CEO, Pacific Beachcomber
Daniel Kammen
Director, Renewable and Appropriate Energy Laboratory University of California Berkeley, & Senior Adviser for Energy, Climate and Innovation for USAID
Stan Rowland
CEO Blue Climate Initiative
Victoria Rowland
Director of Strategic Partnerships Blue Climate Initiative
To support our work, please make a donation through our website or contact Victoria Rowland at victoria@blueclimateinitiative.org.