



GLOBAL WARMING MITIGATION PROJECT ANNUAL REPORT 2019

Thank you!

It has been a banner year for the Global Warming Mitigation Project. In finding and funding our ten new laureates, the KCP has striven for impact, efficiency, and world-changing climate renewal. We're looking forward to another transformative year. Thanks for being a part of it!

LETTER FROM THE DIRECTOR

I could not be more pleased with our second year for the GWMP and the Keeling Curve Prize! We are thrilled to welcome 10 more Laureates to the KCP family. The prize money and recognition bestowed on each of them will amplify their success in correcting our climate! Congratulations to all of our 2019 Prize winners and many thanks to everyone who applied. We truly wish that we could award each and every applicant. We at the KCP team are so inspired and grateful for the incredible work being done by all of our applicants - the many seeds that are growing the progress our planet needs.



Launching Keeling Curve Prize 2.0 gave us the opportunity to look deeply at where and what climate solutions are really needed. As a result, we reworked our Prize categories in a way that we believe addresses all of the sectors that need action and innovation to lower our collective carbon footprint. We are pleased with the outcome, which recognized a broad spectrum of projects; from Three Wheels United's electric rickshaws to Opus 12's recycled emissions project to Solar Sisters' training and supporting women who deliver solar energy to their communities. The KCP strives to demonstrate the variety of efforts that are being implemented around the world to bring us back to carbon balance.

Our second round prompted my own reflection of what role the GWMP plays in reducing the amount of greenhouse gases in our atmosphere. Like you, I acutely feel the urgency of our circumstances, and the need to act quickly and broadly. GWMP's flagship effort on this front is with the Keeling Curve Prize, which rewards excellence in climate programs and projects worldwide, and amplifies their work not just with funding, but with recognition and inclusion in a growing network of scientists, influencers, leaders and innovators. We recognize that the seeds of success are sown all over the world, in great abundance. The KCP is a welcome rainstorm, fortifying those seedlings to help them bloom and flourish.

JACKIE FRANCIS, FOUNDER & EXECUTIVE DIRECTOR

"FROM MANY SEEDS, THE SOLUTIONS GROW!"



KCP IMPACT SPOTLIGHT

Around the world, people are diligently at work on projects that address the complexity of skyrocketing greenhouse gas emissions. The success of a diversity of projects is essential. Harnessing the expertise of global leaders, scientists and innovators, we activate an array of solutions that are germinating across the planet. The Keeling Curve Prize is proud to 'water the grass' to accelerate solutions!

THE PEOPLE



"There's nothing more critical in today's world than acknowledging the trend the Keeling Curve has been following and doing everything we can to reverse it. It was a no-brainer to apply given our work advancing soil health and carbon drawdown, and we're so excited to see groups like the Keeling Curve Prize putting themselves out there to support these bold and needed initiatives."

Bobby Gill
Savory Institute



"It really takes an exceptional award to get my attention. The KCP makes it straightforward for impactful companies with actual proven impact to take a small amount of thoughtful effort to put themselves forward for consideration by qualified people who won't waste their time, and will, in fact, reward their achievement. I was surprised by the KCP team, and how collaborative they have been since we've won the award. They want to see our story told. That has been wonderful."

Ruben Walker
African Clean Energy



"The KCP has greatly contributed to the success and growth of our climate-related activities for church-run schools, Sunday schools and summer camps. Winning the KCP has immediately led to enthusiasm and increased prioritization of member churches to expand their climate emergency responses with church-run schools, Sunday schools and Summer camps."

Frederique Seidel
World Council of Churches

THE INNOVATIONS

Opus12's sleek device packs the photosynthetic power of 37,000 trees in a suitcase by recycling CO2 into the building blocks for petrochemicals and other materials.



Three Wheels United is financing the transition to electric rickshaws in India, curbing air pollution and emissions.



THE FUTURE

"Just wanted to mention to you, that I've never heard of a platform like this before - one which provides funding and encouragement to people like me who're doing things way out of the ordinary in tiny pockets and far flung regions. I'm grateful that forums like these actually exist. Thank you for doing what you do."

Riddhi Shah, Mumbai

2019 KEELING CURVE PRIZE WINNERS AND FINALISTS

CARBON CAPTURE & UTILIZATION

WILDCOAST
COSTASALVAJE

opus12

is developing a device that recycles carbon dioxide into cost-competitive chemicals and fuels via electrochemical conversion.

WILDCOAST

works to secure a resilient coastline, which will act as a carbon sink and help protect communities, economies and ecosystems from climate change impacts in the Gulf of California.

FINALISTS

Regen Networks
BlueField Technologies

— opus 12

JETTY

TRANSPORTATION

FINALISTS

Bridges to Prosperity
Green Gas

Jetty

uses technology to establish and enforce improved reliability, safety, and security in mass transit systems to mitigate congestion and waste caused by single-passenger transit options.

Three Wheels United

uses technology and finance to decarbonize the rickshaw market while putting the auto-rickshaw drivers first - empowering them to own and operate electric vehicles and to integrate with public transport.

THREE WHEELS UNITED

SOCIAL & CULTURAL IMPACTS

SCIENCE
BASED
TARGETS
DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

Science Based Targets

provides companies with a clearly defined pathway to future-proof growth by specifying how much and how quickly they need to reduce their greenhouse gas emissions.

World Council of Churches

has worldwide partnerships supporting adolescents engaging in climate justice through church-run schools, Sunday schools and summer camps.

FINALISTS

Ecochallenge.org
Doc Society

World Council of Churches

ENERGY

SOLAR SISTER

FINALISTS

Oorja
10Power

Solar Sister

delivers trusted, sustainable energy access, and building climate resilience in remote and underserved communities.

African Clean Energy

produces the ACE 1 solar biomass energy system: an advanced cookstove which reduces smoke to negligible levels while offering solar energy.

ACE

FINANCE

California
Clean Energy Fund

CalCEF/Nexus

is forming a qualified Clean Energy Opportunity Zone Fund to allow developers to improve economics and to deploy resources to higher risk projects in clean energy.

Clean Energy Works

accelerates investments in distributed clean energy through inclusive investments, or Pay-As-You-Save (PAYS).

FINALISTS

Odyssey Energy Solutions
Ma'anshan Rural Commercial Bank

Clean Energy
WORKS

GWMP JOINS GLOBAL FORUM

GROWING OUR NETWORK



THE AWARDS CEREMONIES

The Keeling Curve Prize joined the EarthX Conference in Dallas on April 28th to announce our 20 finalists. In June, we hosted a Winner's announcement event in Aspen, Colorado as part of the Aspen Institute's Ideas Fest. (Watch a video of the Awards Ceremony on our website!) Several Judges,

Analysts, Advisory Council Members, and our Board Chairman participated. Charles David Keeling's daughter Emily spoke on behalf of the family. Congratulations KCP 2019 Laureates! We salute you!

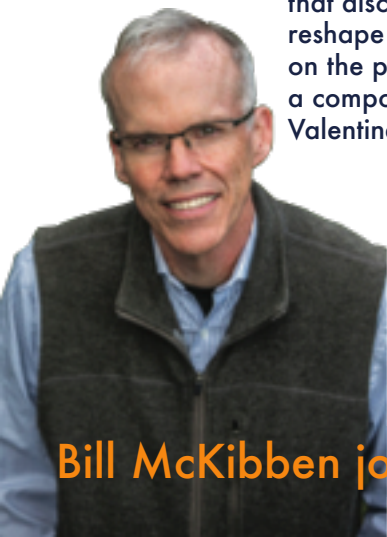
The 2020 Keeling Curve Prize kicked off on November 1st with the opening of the application period. We are confident that we will achieve our goal of 300 applications! Our finalists will be announced on Earth Day, and the winners will be celebrated in June.



JACKIE ON A PANEL AT NEW YORK CLIMATE WEEK

Bill McKibben kicked off the sold-out evening, dubbed Action, at the Explorer's Club, reflecting on how the climate movement has changed over the last thirty years and how quickly we need to act now. Jackie represented GWMP/KCP on a multi-disciplinary panel

that discussed the many different ways we need to reshape the way we think and act. Joining Jackie on the panel were Paul D. Miller, aka DJ Spooky, a composer, multimedia artist, and writer, Valorie Valentine Aquino, a scientific researcher, anthropological archaeologist, and Executive Director and co-founder of March for Science, and Mitchell Joachim, Co-Founder of Terreform ONE and faculty at NYU. Jackie focused her participation on action and how the the Keeling Curve Prize catalyzes solutions and impacts that are working today.



Bill McKibben joined the GWMP board!

KCP AT COP25



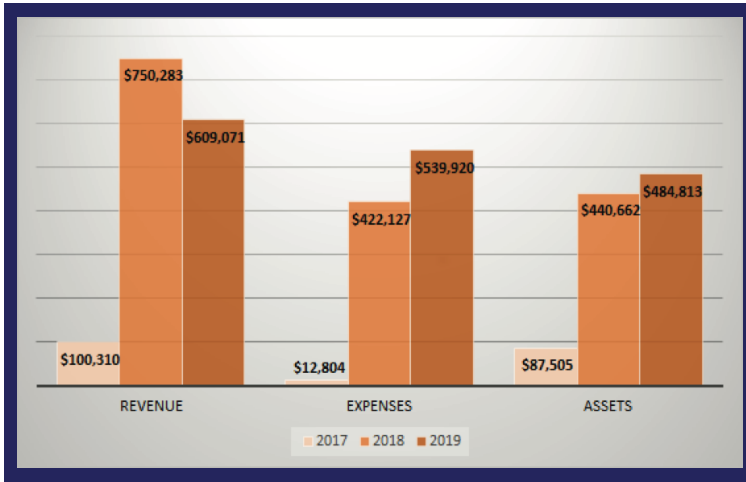
Ruth Metzel

In an otherwise lethargic and disappointing COP25 at the beginning of December 2019, the Keeling Curve Prize was an unusually inspiring presence, announcing the opportunity to gain support for climate change solutions through individual meet & greets, announcements at several events and social media presence. In a sea of inertia, we could see many participants' eyes light up as they realized the opportunity this Prize provides to accelerate concrete and tangible climate change action. Participating in the COP connected us to the international community, and many participants and UNFCCC accredited entities spread the word about the Prize to their networks after the event. Given this expanded network, we hope to see an expansion of the Keeling Curve Prize's global reach once the 2020 applications are in!

FINANCIAL PERFORMANCE

GWMP's FINANCIAL MANAGEMENT

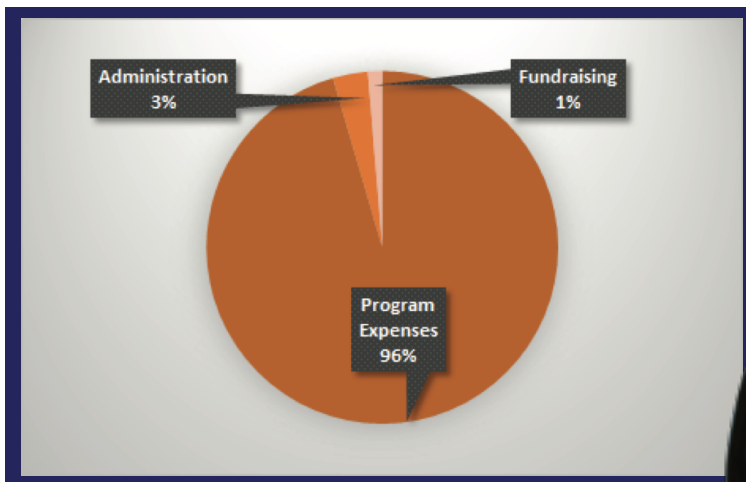
GWMP has demonstrated excellent fiscal management and continues to build capacity for an impactful and sustainable organization.



Financial performance - responsibly managed.

Our expenses shown in the pie chart to the left demonstrate efficient use of organizational funds and fiscal discipline.

We enter 2020 with a focus on expanding our network around the world to tap additional scientific expertise to our analyst staff, attract a greater number of high quality applicants for the 2020 round of the KCP, and garner the financial support that enables us to award more prize money to accelerate the most promising climate solutions. With an eye on the future, we aim to grow the scope and prestige of the Prize and the influence of the GWMP.



2018* expenses - efficient and disciplined.

*2019 data not yet available



ZHEN HAN, ANALYST

"I think of the KCP as an accelerator, incubator and catalyzer. We give bright ideas an extra push towards success. It also serves as a source of inspiration to bring these great efforts across the world into the spotlight."

2019 KCP APPLICANT GEOGRAPHY

PRIORITIZING DIVERSITY

This year's applicant pool hailed from 24 different countries. One third of applications came from outside of the United States.



The Global Warming Mitigation Project and Keeling Curve Prize exist only because of the many amazing people working for our success. My deepest appreciation to everyone in our GWMP/KCP family!"

Jackie Francis, Founder and Director, GWMP/KCP



pool of finalists curated by the Analyst Team and Advisory Council and select the winners by a voting system.



The Navigation Council is made up of former judges, advisory council members, and other key leaders that help us communicate about the Keeling Curve Prize, reach out to applicants and potential supporters to enhance our mission, and serve as a resource for the Prize in their areas of expertise.

STAFF

Paula Creevy
Barb D'Autrechy
Jackie Francis
Ruth Metzler
Vivian Saxon
Judges review the

NAVIGATION COUNCIL

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Rafe Pomerance
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Jackie Francis
Mike Klein
Bill McKibben

ANALYSTS

Zak Accuardi
Zhen Han
Mamta Mehra
Ruth Metzler
Karthik Mukkavilli
Aven Satre-Meloy

Analysts are step one in our review process. The completed applications go to them, and they score them with a rigorous metric to determine our twenty finalists.



ADVISORY COUNCIL

David Bookbinder
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Lucas Joppa
Robin L. Newmark
Richard G. Newell
George Polk
Jonathan Silver
Qi Ye

The Advisory Council helps create and uphold the Keeling Curve Prize mission. They clarify categories, approve updates to the application, and finalize evaluation of applicants, as well as offering guidance on direction of the organization.



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