



# 2023 Annual Report

## Dear Friends,

2023 was a significant time for reflection and growth as we entered our second full year as our own 501(c)(3) organization. One Earth is relatively new, yet our work and impact stretch back many years. Our journey began by seeking the answer to a critical question: “Can we solve the twin crises of climate change and biodiversity loss, and if so, how do we get there?” Through this quest, the One Earth research initiative, originally housed at the Leonardo DiCaprio Foundation, was born.

Having the unique opportunity to work with the world’s leading academic institutions and scientists, we published the One Earth Climate Model that showed we can, in fact, solve these global environmental crises with solutions that exist today. In the following years, we continued to lead critical research efforts like the Global Safety Net and our Bioregional Framework while also launching global communications and fundraising campaigns to promote and support the thousands of organizations working on the front lines of change.

Now, with a few years as an independent organization, it was important for us to pause, assess our impact thus far, and develop an evolved strategy to advance One Earth and drive collective action for the planet with the science and tools we have built. While deep introspection is not always easy, I am incredibly proud of what we accomplished this year and what we have planned for the future.

Along with refining our mission, priorities, and structure to maximize our impact, we made several important strides toward our organizational goals, the highlights of which can be found in this report.

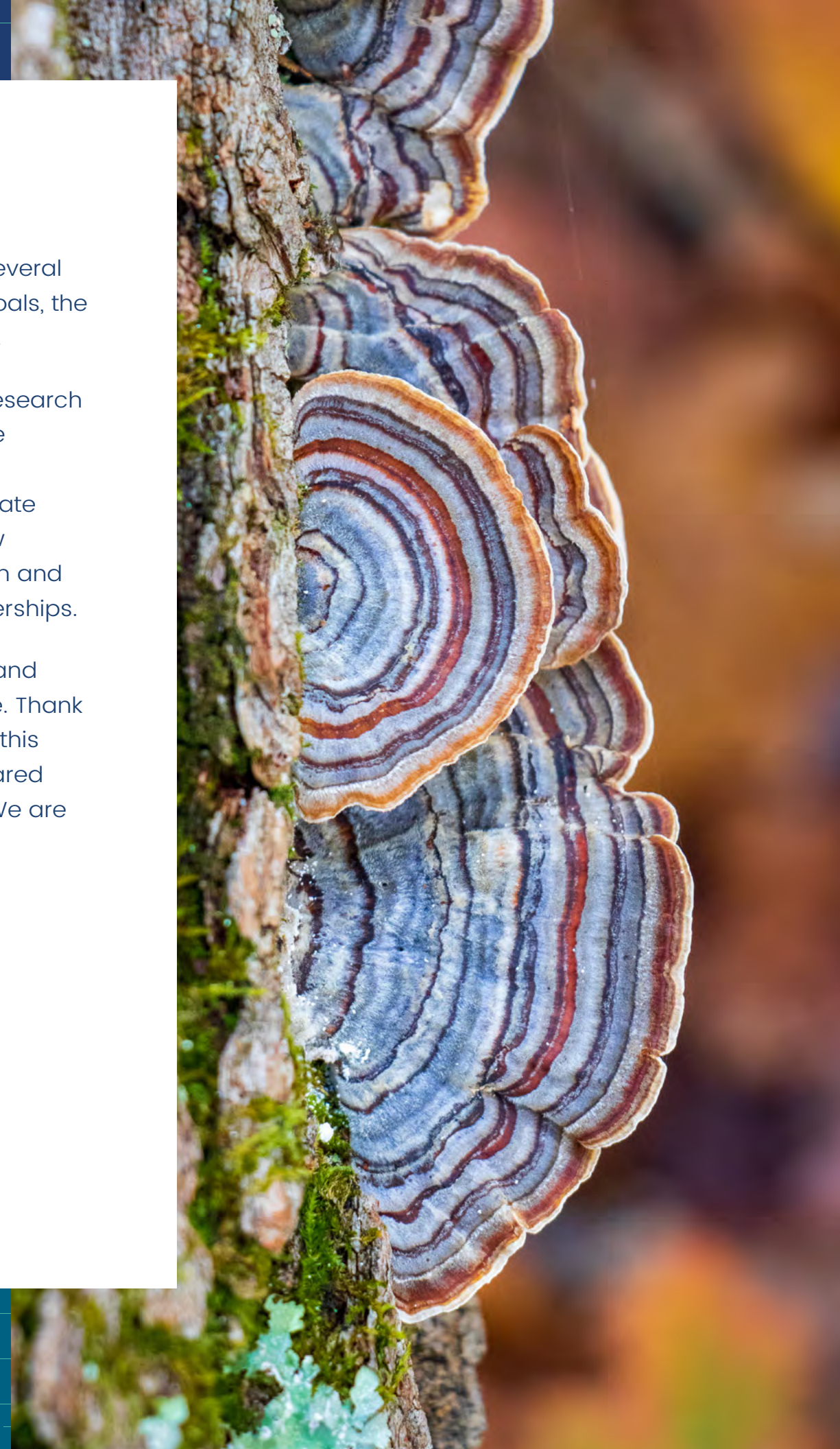
Looking ahead, we are energized to turn our research and insights into action. Over the next year, we will continue to build upon our strengths while maintaining our organizational flexibility to create opportunities for collective action through new scientific innovations, elevated communication and engagement strategies, and expanded partnerships.

We cannot succeed alone. Our philanthropic and strategic partners make our progress possible. Thank you for being a part of our community during this year of evolution; your commitment to our shared vision has been instrumental in our success. We are honored to have you on this journey with us.



**Justin Winters**

*Co-Founder & Executive Director*  
One Earth



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Photo: SeaTrees

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## → Our Mission

To empower everyone, everywhere, with the knowledge, inspiration, and opportunity to heal the Earth and reclaim our future.

## → Our Vision

Together, we will create a just and vibrant future where our climate and biodiversity are back in balance and all people and nature thrive as one.

## → What We Do

We turn knowledge into action by identifying and elevating the most effective climate and biodiversity solutions to shape policy, guide investments, support grassroots organizations, and galvanize a global movement of champions dedicated to regenerating our one Earth.



# Our Approach

## Knowledge Through Science

We develop science to identify and prioritize the most effective solutions to the interconnected crises of climate change and biodiversity loss.

## Opportunity Through Action

We create engaging, actionable tools to galvanize people to drive meaningful change across Earth's 185 diverse bioregions.

## Inspiration Through Storytelling

We elevate solutions through inspiring stories and accessible content to empower all people to envision a new future.



## COLLECTIVE ACTION TO SAVE THE PLANET

JUSTIN WINTERS  
ONE EARTH



“

When people are fighting for the protection and the restoration of their lands and waters, they are also fighting for their communities and their culture. That is a powerful proposition. They are going to be the best advocates to protect those landscapes, and then there's a beautiful co-benefit, which is not only the protection of nature but an understanding and recognition of the beautiful cultural diversity of the planet. The future I'm fighting for is a future that really respects and honors this beautiful fabric of biological and cultural diversity around the world.

Justin Winters

from the [Ma Earth podcast](#),

*The Regeneration Will Be Funded*

“

One Earth is a shining example of what can be achieved when passion and purpose converge. They transform lofty dreams into reality with dedication and determination. Their impact on our world is immense, deserving of our utmost acclaim and gratitude.

Akashinga

(Formerly the International Anti-Poaching Foundation)

One Earth Place-based Partner

# 2023 Impact Numbers

5

Groundbreaking scientific reports and publications developed and supported

1,900+

Stories profiling Earth heroes, keystone species, community-led climate solutions, and science explainers

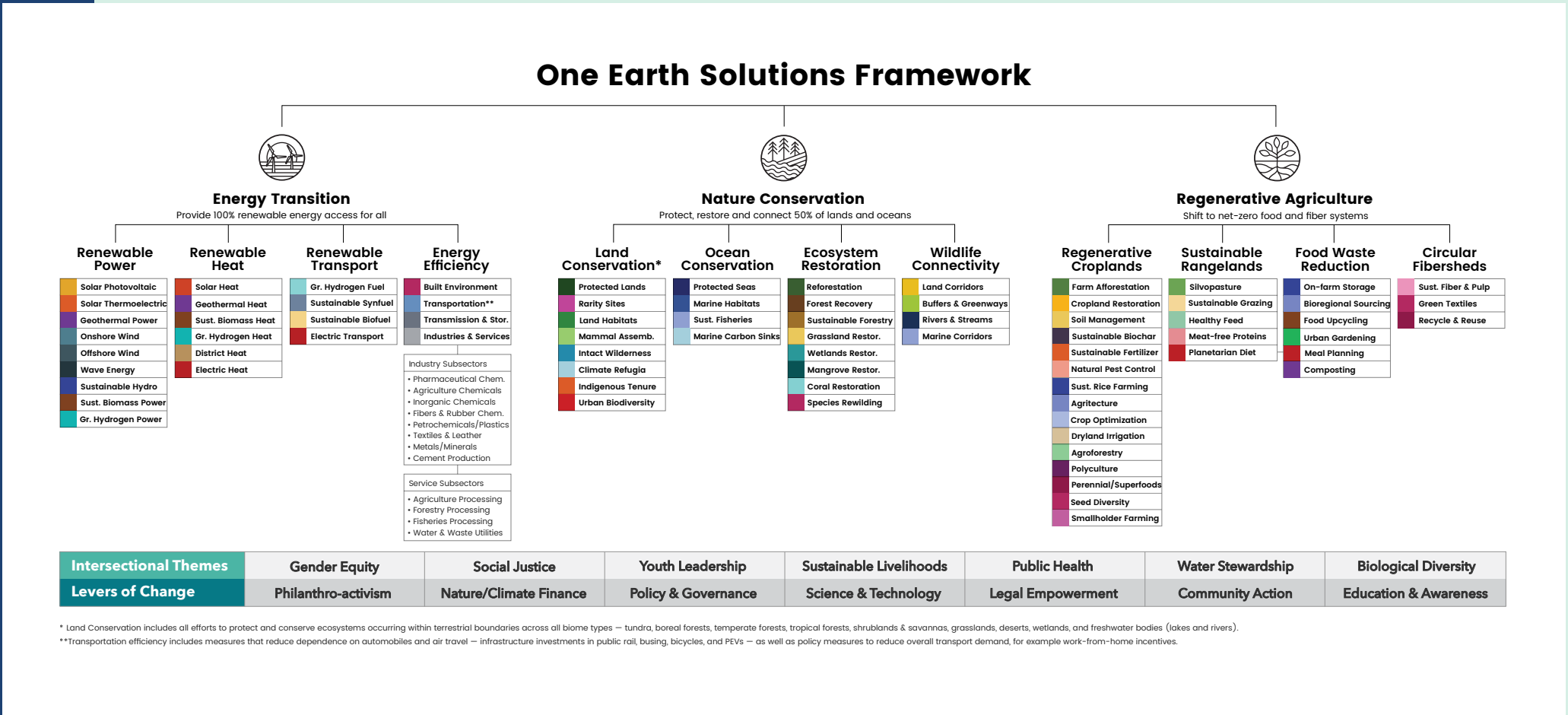
1.8M

People engaged with our content across our digital platforms—exploring the One Earth Solutions Framework, the Global Safety Net, and discovering Earth’s bioregions through our interactive Global Navigator

2023 Project Highlight

# One Earth Solutions Framework

76 science-based solution pathways to stop climate change, protect biodiversity, and regenerate our Earth.



In the fall of 2023, we launched version 1 of the [One Earth Solutions Framework](#), which identifies the 76 most effective climate and nature-based solutions to the interconnected crises across three pillars of action—energy transition, nature conservation, and regenerative agriculture.

Our Framework, rooted in peer-reviewed science and based on the [One Earth Climate Model](#) and [Global Safety Net](#), uniquely integrates a series of intersectional themes and levers of change to ensure that the well-being of people—especially marginalized communities—and nature is at the heart of the global transition.

Taken together, the 76 solution pathways identified in the One Earth Solutions Framework provide sufficient mitigation to achieve the 1.5°C goal of the Paris Climate Agreement, providing a clear roadmap for

decarbonizing the global economy while safeguarding biodiversity and ensuring food security for all.

This year, new strategic and philanthropic partners began to utilize the Framework to help achieve their organizational goals, including educating and empowering a cohort of global climate fellows and applying our Framework to grantmaking and investment strategies—marking an exciting first step in exploring how our tools and knowledge can drive greater impact.



2023 Project Highlight

# One Earth Solutions Framework

To make the Solutions Framework more accessible and actionable, we've created an extensive library of educational and inspirational content—including stories, videos, projects, reports, and citations—available on the [One Earth website](#).

Each piece of content is tagged with the relevant solution pillar, sub-pillar, solution pathways, intersectional themes, levers of change, and regions. This tagging system makes it easy for visitors to navigate our vast ecosystem of content and explore the readily available solutions to solve the interconnected crises of climate change and biodiversity loss.



## Climate Solutions

### The road to 1.5 & finding your place in it

with Justin Winters & One Earth

One Earth’s Executive Director, Justin Winters, addressed the new cohort of aspiring changemakers participating in our partner, The Oxygen Project’s Activate Your Activism program. Over the course of the six-week curriculum, fellows transformed inspiration into action through skill-building workshops, knowledge-sharing sessions with expert speakers, mentorship, and engagement within a like-minded community. One Earth’s tools were central to the program, and the fellows developed their final local climate projects using the Solutions Framework as the guiding principle.

#### Sustainable rangelands

Sustainable rangelands pertain to shifting diets to decrease the strain on our rangelands, managing pastureland to decrease methane emissions, and maximizing

#### Ocean conservation

Ocean conservation is the long-term protection and sustainable management of marine areas and species—from coastal ecosystems and coral reefs to deep ocean

#### Renewable heat

Renewable heat refers to heating water, buildings, and industrial processes using carbon-free energy sources that are naturally replenished. Read more about the [global transition to 100% renewable heat](#).



##### Solar Heat

Solar heat is the process of harnessing thermal energy from the sun, commonly achieved through a sealed flat plate with copper pipes, utilized for residential, commercial, or industrial space heating or water heating.

##### Quick Fact

Solar thermal heating and cooling



##### Sustainable Biomass Heat

Sustainable biomass heat refers to the controlled combustion of cellulosic waste products, including wood scraps, agricultural residues, and other organic materials, to generate renewable heat without depleting forests or croplands.

##### Quick Fact



##### Geothermal Heat

Geothermal heat involves the extraction and distribution of subsurface latent heat for residential or industrial heating.

##### Quick Fact

Geothermal resources are classified by their temperature level, ranging from low temperature (<90°C) to high (150-250°C), which differentiates their



##### Green Hydrogen Heat

Green hydrogen heat involves using sustainably produced hydrogen to generate heat through combustion for high-heat industrial needs or co-generation fuel cells for lower-heat commercial and residential markets.



##### Marine Carbon Sinks

Marine carbon sinks are natural reservoirs in the ocean that absorb and store carbon dioxide from the atmosphere through various physical and biological processes.



##### Healthy Feed

Healthy feed refers to a nutritionally balanced diet provided to livestock that contains essential macronutrients, vitamins, minerals, and adequate fiber, fostering animal well-being, reducing reliance on antibiotics, and mitigating methane emissions.

##### Quick Fact

## Global Safety Net

Imagine a future where half of our planet's lands and oceans are safeguarded—a world where both people and nature thrive together.

At One Earth, we are working to make this vision a reality through the [Global Safety Net](#) (GSN), a science-based plan that identifies the critical ecosystems that are essential for biodiversity and climate stability. This strategy aims to protect, restore, and connect 50% of our planet, creating a foundation for a resilient future.

### What Is the Global Safety Net?

The GSN is a science-based blueprint that identifies areas globally where conservation efforts will have the greatest impact. It highlights the importance of Indigenous land rights, supporting the leadership of communities who have cared for these lands for centuries.



# Global Safety Net

Achieving the GSN’s 50% protection will require ongoing collaboration across all sectors to build a future that safeguards our planet’s rich biodiversity and all those who call it home.

## GSN Key Milestones

These milestones represent significant steps toward a nature-positive future:

### 2019

One Earth launches the Global Deal for Nature petition, calling for the protection of 50% of Earth’s land and seas and supporting Indigenous land rights. The petition gathers nearly **4 million signatures**.

### 2020

One Earth launches the Global Safety Net, mapping essential lands for biodiversity and carbon storage, with a free online map tool ([globalsafetynet.app](https://globalsafetynet.app)) that has been used in **195 countries**.

### 2021

The International Union for Conservation of Nature (IUCN) Motion 101 officially recognizes the GSN’s 50% target and the critical role of Indigenous communities in conservation.

### 2022

The Kunming-Montreal Global Biodiversity Framework secures commitments from over 190 countries to achieve the interim goal, as stated by the GSN science, of **30% conservation by 2030**.

### 2023

One Earth co-authors the paper “Priorities for Protected Area Expansion,” **guiding governments** in creating robust conservation networks that uphold Indigenous rights and support the Global Biodiversity Framework commitments.



## 2023 Project Highlight

# One Earth Bioregions Framework

The [One Earth Bioregions Framework](#) redefines conservation by dividing the planet into 185 bioregions based on natural, ecological boundaries instead of political lines. By focusing on these interconnected ecosystems, the framework supports conservation tailored to each region's unique needs.

# What if Nature drew the map of the world?



**European bison (*Bison bonasus*)**  
Iconic Species of the Central  
European Mixed Forests bioregion

**Wolverine (*Gulo gulo*)**  
Iconic Species of the  
Siberian Boreal Forests  
& Mountain Tundra bioregion

**Hartmann's zebra (*Equus zebra hartmannae*)**  
Iconic Species of the Southwest African Coastal  
Drylands bioregion

## Supporting Global Conservation Goals

The Bioregions Framework aligns with global targets like the Kunming–Montreal Biodiversity Framework, helping guide conservation efforts toward protecting 30% of Earth by 2030. It enables governments, communities, and organizations to protect ecosystems in a unified, impactful way.

## Inspiring Everyone to Engage with Nature

One Earth's interactive Global Navigator tool brings this framework to life, inviting people to explore bioregions, discover iconic species, and see community-driven solutions in action. Through projects in energy, conservation, and agriculture, the Navigator shows how local actions help build a sustainable, vibrant future—encouraging everyone to reconnect with and protect the natural world.

“

Through the Bioregions Framework, we can localize the global commons, creating a just, equitable, and science-based approach to conserving the biodiversity that makes all life on Earth possible.

**Karl Burkart**

*One Earth's Deputy Director*

Presenting the Bioregions Framework at TEDx Porto

# Empowering Collaboration Through the Bioregions Framework

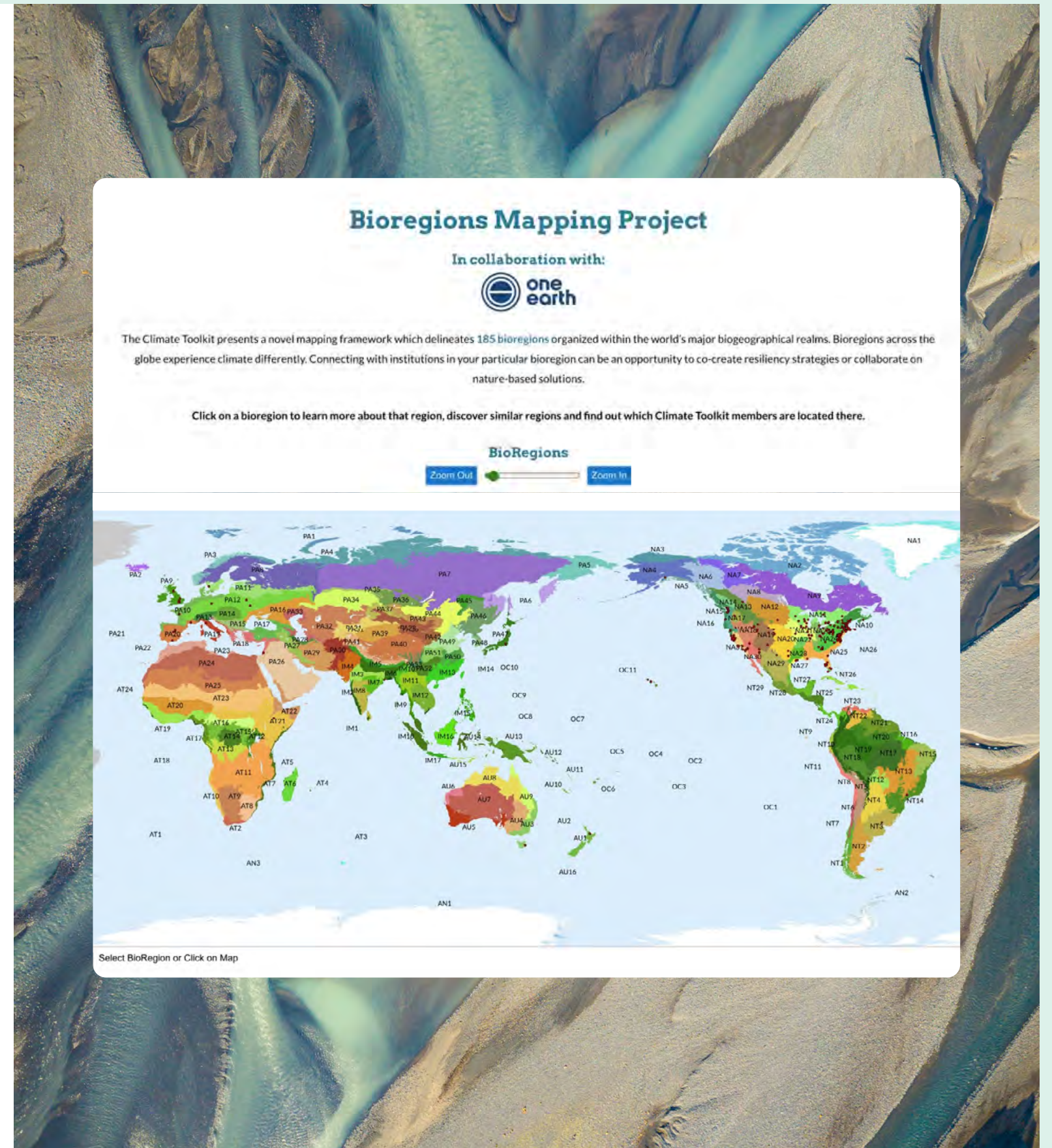
The Bioregions Global Navigator is making an impact: The Climate Toolkit, led by Phipps Conservatory, recently integrated One Earth's Bioregions Framework which allows museums, zoos, and botanical gardens worldwide to connect with other organizations in their bioregions, fostering meaningful collaborations to drive climate action and decarbonization.

“

For several years, The Climate Toolkit Initiative had been attempting to create an interactive global map of participating institutions based on bioregions. When we discovered One Earth's Bioregions Framework, I knew we had found the gold standard. One Earth was incredibly responsive when we asked permission to utilize the map for our initiative and also wonderfully collaborative...I highly recommend their work.

**Andrew Lampl**

*Climate Toolkit Manager*



## Our Model in Action

# Making Science Accessible

How restoring key wildlife species can be a game-changing climate solution.

One of our core goals is to bridge the gap between complex climate and conservation science and the diverse audiences—individuals, organizations, and companies—that need clear solutions to urgent environmental issues. We achieve this by translating scientific research into accessible content.

In March 2023, we demonstrated this approach by supporting the launch of [Trophic rewilding can expand natural climate solutions](#), a study co-authored by 15 scientists from eight countries. The report shows that by protecting and reintroducing key species, we could significantly boost ecosystems' carbon storage capabilities.

The impact of this study was amplified by our concise, bilingual video, which makes the findings accessible in both Spanish and English. Our collaboration with the Global Rewilding Alliance, which includes over 160 member organizations, further extended its reach.

The study received coverage in over 70 major media outlets worldwide, including Time, Forbes, Mongabay, The Guardian, Grist, and The Washington Post, ranking in the top 5% of impactful scientific papers and highlighting One Earth's role in shaping global climate dialogue.



See the Video:  
**Trophic rewilding can be a game-changing climate solution**

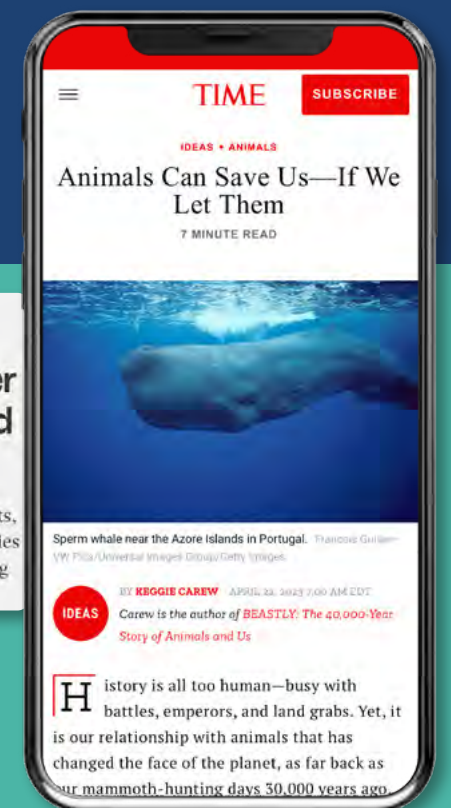


“

This may be the most important scientific study I've ever read.

Glenn Horowitz

Founder and CEO of Mighty Earth



DAUGHTERS FOR EARTH

## Grantmaking Strategy

Applying our innovative science and tools to a philanthropic effort for women-led climate solutions.

In 2022, One Earth helped launch Daughters for Earth, a fund dedicated to advancing women-led climate actions based on the principle that women's inclusion is essential to addressing the climate crisis. With One Earth's scientific guidance, the fund focuses on biodiversity protection and scaling regenerative agriculture as key climate solutions.

In 2023, One Earth developed a strategic process for sourcing and selecting grant recipients for Daughters for Earth, drawing on the Bioregions Framework to ensure regional diversity. From over 400 global submissions of women-led initiatives, projects were evaluated using a methodology grounded in One Earth's solutions science.

Additionally, One Earth helped establish the Wise Daughters Council, a diverse panel of women experts tasked with final grant decisions. This approach exemplified a strategic, equitable grantmaking program that values transparency and amplifies voices often overlooked in the process.

\$1 million was awarded to 43 women-powered projects implementing nature conservation and regenerative agriculture solutions across 24 countries.



# Recognition



## **Anthem Awards**

### **Silver: Best Strategy for Community Engagement in Sustainability, Environment, & Climate**

One Earth's Global Navigator of Climate Solutions was awarded silver in Best Strategy for Community Engagement in Sustainability, Environment, & Climate in the 2nd Annual Anthem Awards.

Launched in 2021 by The Webby Awards, The Anthem Awards honors the purpose- and mission-driven work of people, companies, and organizations worldwide. The 2nd Annual competition received nearly 2,000 entries from 43 countries.



## **The Climate Awards**

### **Audience Choice Winner**

In December, our [Biocultural Diversity video](#) received the People's Choice Award at the Climate Awards—part of the United Nations Act Now campaign.

Selected as the audience favorite from 70 submissions, the video was featured at COP28 in Dubai, in the United Nations SDG Pavilion. It was also played in the Barcelona Metro, which boasts 650,000 daily riders, in January and February of 2024.

# 2023 Audited Financials

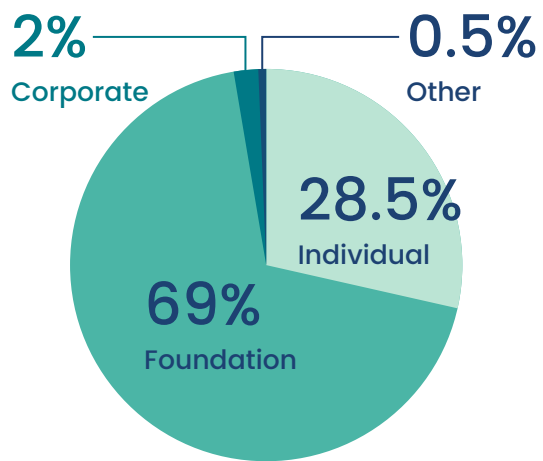
## Statement of Financial Position

|                                           | 2022               | 2023               |
|-------------------------------------------|--------------------|--------------------|
| <b>Assets</b>                             |                    |                    |
| Cash & Cash Equivalents                   | \$3,172,244        | \$1,831,133        |
| Investments                               | \$27,924           | \$27,924           |
| Contributions Receivable, Net             | \$1,429,656        | \$450,161          |
| Prepaid Expenses                          | \$28,677           | \$40,607           |
| Fixed Assets, Net                         | \$47,739           | \$47,974           |
| <b>Total Assets</b>                       | <b>\$4,706,240</b> | <b>\$2,369,875</b> |
| <b>Liabilities &amp; Net Assets</b>       |                    |                    |
| Accounts Payable                          | \$71,438           | \$44,351           |
| Accrued Expenses                          | \$378,105          | \$88,792           |
| Grants Payable                            | \$1,310,000        | \$60,000           |
| Total Liabilities                         | \$1,759,543        | \$193,143          |
| Without Donor Restrictions                | \$821,028          | \$84,504           |
| With Donor Restrictions                   | \$2,125,669        | \$2,092,228        |
| <b>Total Net Assets</b>                   | <b>\$2,946,697</b> | <b>\$2,176,732</b> |
| <b>Total Liabilities &amp; Net Assets</b> | <b>\$4,706,240</b> | <b>\$2,369,875</b> |

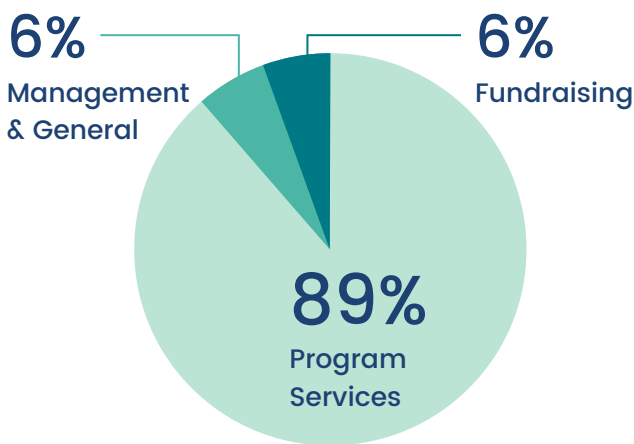
## Statement of Activities

|                          | 2022               | 2023               |
|--------------------------|--------------------|--------------------|
| <b>Revenues</b>          |                    |                    |
| Individual Contributions | \$2,863,039        | \$1,454,526        |
| Foundation Contributions | \$2,393,219        | \$3,506,579        |
| Corporate Contributions  | \$63,995           | \$102,519          |
| Other Revenue            | \$24,870           | \$30,466           |
| <b>Total Revenues</b>    | <b>\$5,345,123</b> | <b>\$5,094,089</b> |
| <b>Expenses</b>          |                    |                    |
| Program Services         | \$5,270,953        | \$5,166,832        |
| Management & General     | \$499,460          | \$342,204          |
| Fundraising              | \$217,754          | \$324,638          |
| <b>Total Expenses</b>    | <b>\$5,988,167</b> | <b>\$5,833,675</b> |

## 2023 Revenues



## 2023 Expenses





The One Earth team would like to express our profound gratitude to all of our donors and supporters. We could not have accomplished any of this work without you. Your trust, support, and commitment to One Earth mean the world to us.

We're thrilled to continue this journey with you in 2024 and will share our progress with you every step of the way. Thank you for being a vital part of our mission.





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