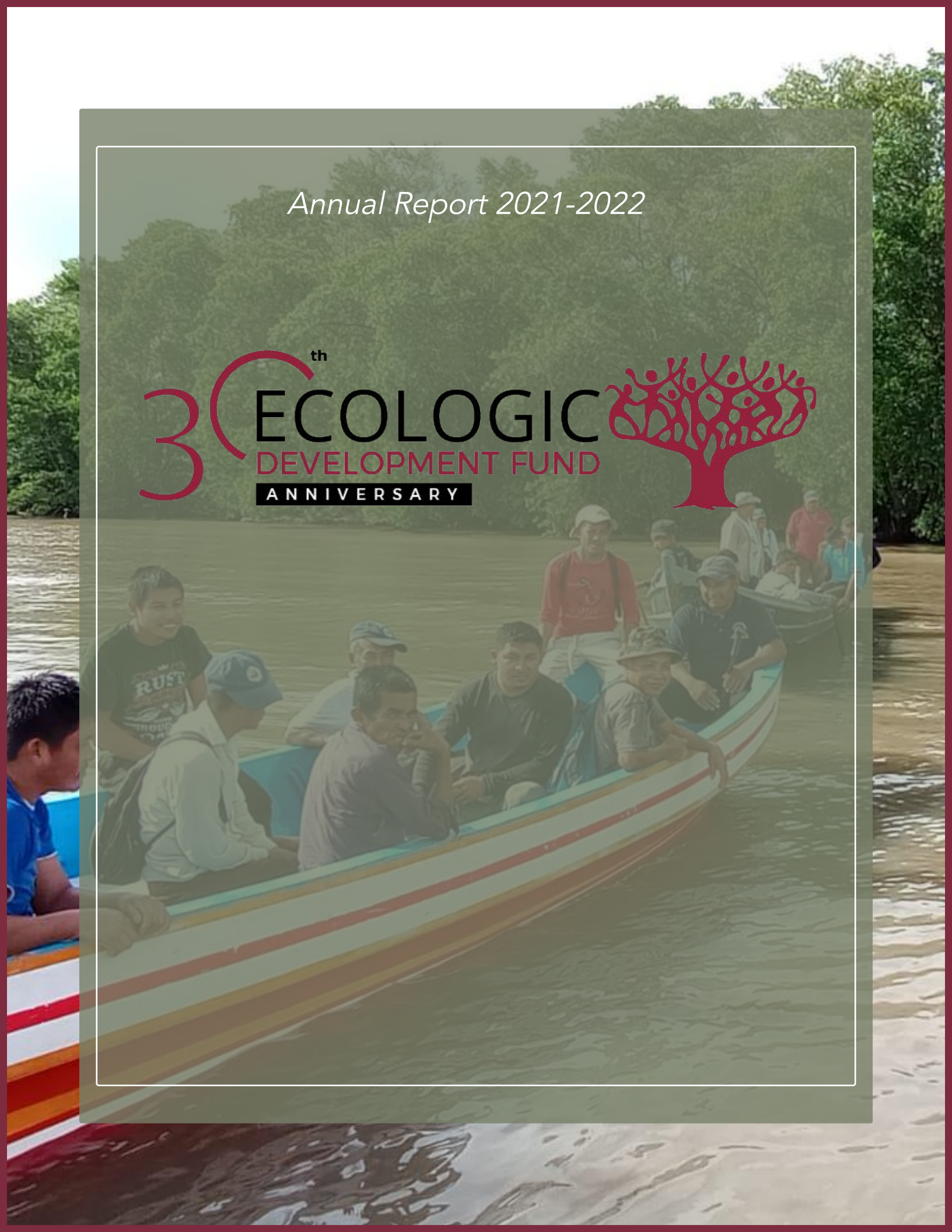


Annual Report 2021-2022

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3 **ECOLOGIC** 
DEVELOPMENT FUND
ANNIVERSARY



A Message from our Executive Director

EcoLogic's mission is to empower rural and indigenous peoples to restore and protect tropical ecosystems in Central America and Mexico. Our work is centered on the precept that those who live in communities in close proximity to biodiverse ecosystems can and should play the central role in preserving these areas, on a national and global scale. As these communities are most impacted by local ecosystems, they must be empowered to be stewards, both for the sake of their own communities and for the benefit of their children and future generations.

We believe that, together, we can create a world full of possibilities for rural communities. From sustainable agriculture and beekeeping to watershed management and community ownership of forest resources—for the past 30 years, our team has deployed the tools necessary for sustainability to deliver profound and immediate impact in regions where it is needed the most.

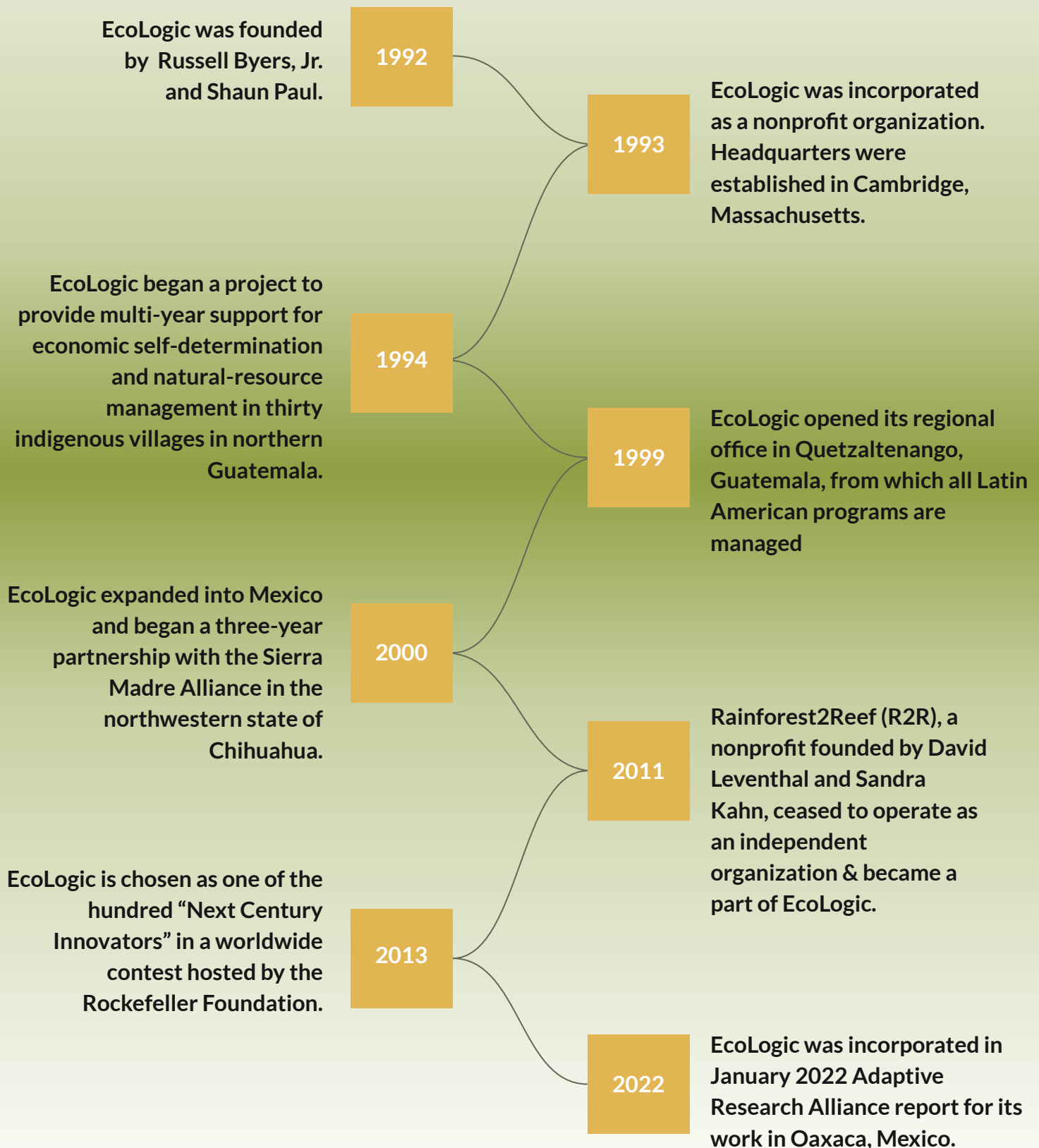
It is thanks to EcoLogic's supporters that we have been able to create a track record of restoration and conservation. In our years of operation, we have ensured that communities in Guatemala, Honduras, and Mexico have access to the knowledge, networks, incentives, and tools that they need to take the lead in conserving their environment. We hope you take just as much pride in the progress and impacts featured in this report as we do!

Barbara Vallarino

Executive Director



EcoLogic's 30-Year Timeline



EcoLogic's 30-Year Impact

Over the last 30 years, EcoLogic has:



Served **1,286** communities in **5** countries
(Guatemala, Honduras, Mexico, Belize, Panama)

Launched **11** programs



Grown **5,525,122** trees



Reforested and regenerated
10,344 acres
(4,186 hectares) of land



Produced **344,471**
plants for agroforestry



Developed **426**
home gardens
**since 2017*



Supplied **6,059**
stoves **since 1994*



Trained **512**
novice beekeepers
**since 2013*



Taught environmental
education to
6,534 youth
**since 2015*



Generated **\$1,354,345**
through financial incentives

A Year of Impact

EcoLogic is implementing eight active projects in Guatemala, Mexico, and Honduras, along the Mesoamerican Biological Corridor — a system of protected areas and connecting wildlife habitat corridors that extend through the length of Central America and part of Mexico. Mesoamerica is classified as a biodiversity hotspot for conservation priority and has also been recently identified as a global restoration hotspot.



In 2022, EcoLogic and our partners worked to:

Empower **328** rural and indigenous communities to restore and protect tropical ecosystems in Guatemala, Honduras, and Mexico

Reforest and regenerate **4,699** acres of degraded land.

Install **303** new fuel-efficient stoves and **52** home gardens and trained families in their use and ongoing maintenance.

Train **30** new beekeepers and produce **19,468 lbs** of honey for sale.

Produce **290,127** trees, contributing to the restoration and regeneration of previously degraded land.

Generate **\$132,601** in new income for rural and Indigenous families who are engaged in sustainable practices and enterprises.

Provide technical support to farmers on **155** acres of diversified agroforestry systems, including cardamom, cacao, and fruits with basic grain production.

Our Approach

We work in partnership with rural and indigenous-led organizations and communities to provide access to:

Tools and training to build skills, capacity, and awareness within

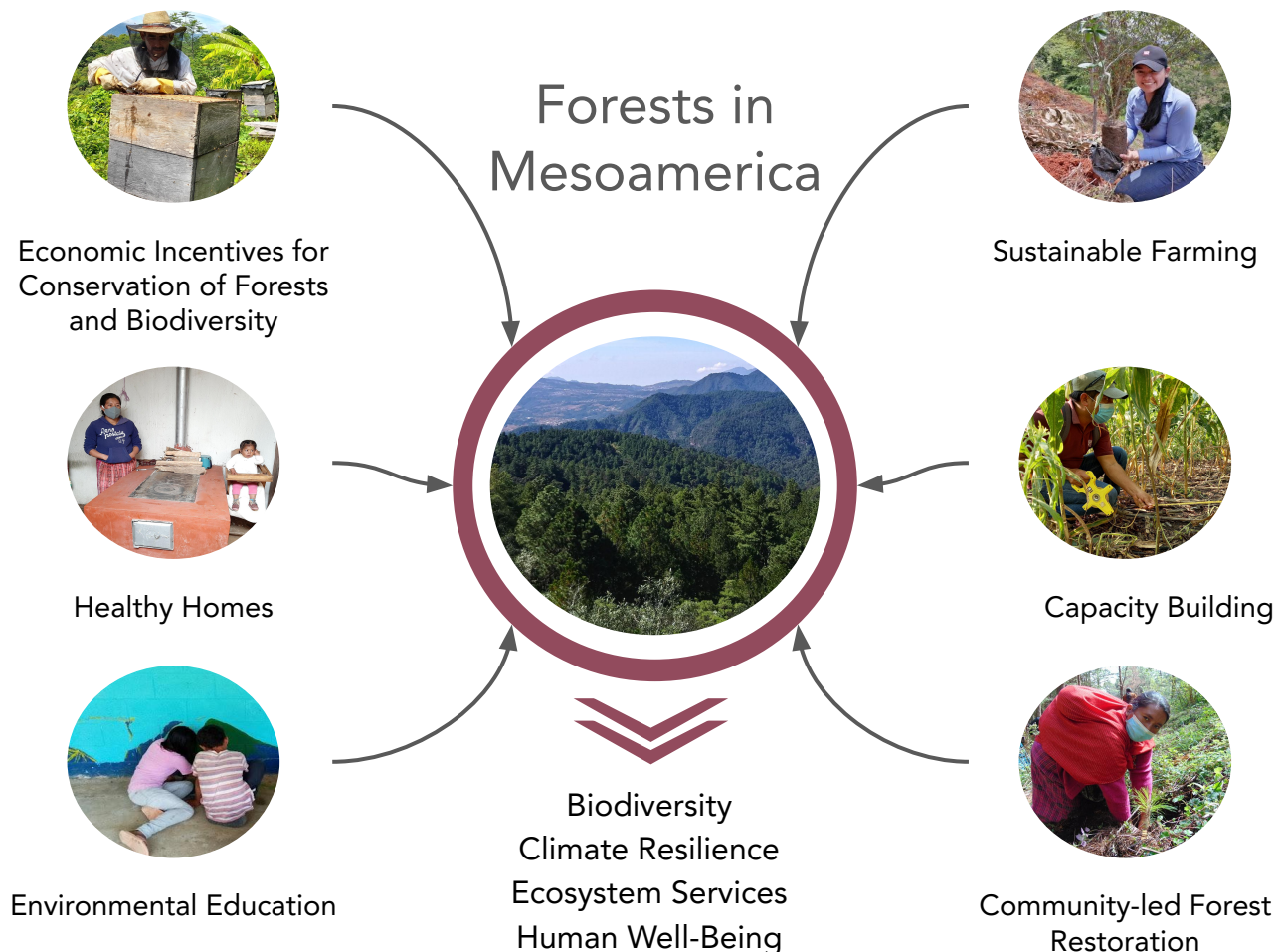
Incentives that catalyze the adoption of sustainable practices

Networks with local, regional, and international actors and initiatives

Our approach fosters holistic, sustainable development in which conservation, human well-being and community development are mutually reinforcing.

Action Areas and Tools

We conduct participatory planning with our local partner and community members that maps out a process to jointly implement strategies and tools to reach the communities' conservation and development goals. EcoLogic offers a comprehensive package of integrated tools and services that help communities execute their plans and balance conservation with human needs, including:



2022 Project Highlights



Sustainable
Agriculture

Community-led Forest
Conservation, and
Mitigation of Pressure
on Forests

Financial
Incentives

Healthy Homes
and Community
Gardens

Mangrove Conservation
Initiative

Environmental
Education

Women-Focused Enterprises

Community-led Forest Conservation, Reforestation & Mitigation

Throughout 2022, EcoLogic has continued its work of purchasing and collecting seeds, compost, and other materials to get new seedlings ready and growing. The seedlings are grown in plastic trays, which are handed out to communities during the reforestation process and then are collected and reused.

Seeds of Change

EcoLogic's tree nursery specialists, César and Don Agustín, tended to the seedlings growing in the greenhouses to keep them healthy and ready for the 2022 reforestation season.



Totonicapán, Guatemala

In our work in Totonicapán, Guatemala, our local partner recently launched the 2022 reforestation campaign, where community volunteers and associations lead the way in planting 198,000 trees grown in the 13 greenhouses of the 48 Cantones' nursery over the last year.



In our work in Northern Honduras, we have recently renewed the agreement between AJAASSPIB, the Municipality of Olanchito, and EcoLogic to protect and restore the 6,100-hectare Uchapa-Pimenta watershed. This includes providing support and training to forest guards like [Meme](#), who used to be a hunter and now is a fierce advocate for conservation, and fire brigades during the fire season.

Sustainable Agriculture

EcoLogic and community partners have established **63** new hectares of agroforestry parcels and produced **40,451** plants for agroforestry.

Ixcán, Guatemala

In our work in Ixcán, Guatemala, we are currently working with **211** new farmers to help them establish **38** diversified parcels including *Inga edulis*, cardamom, corn, beans, and mahogany. In addition, we are supporting the farmers to develop management plans that will allow them to receive incentive payments from the PROBOSQUE program.



Power in Partnerships

In our work with MAMUCA, we are **currently working with 21** farmers who expressed interest in diversifying their income. We provide materials, training, and follow up with technical assistance visits. We focused on farmers located on land surrounded by palm oil, with some having palm oil as monoculture on their land. These farmers were ready to replace this destructive crop, with a more sustainable and diversified production system.



Healthy Homes & Community Gardens



EcoLogic and community partners installed **303** fuel-efficient stoves in rural homes and established **52** diversified home gardens in 2022.

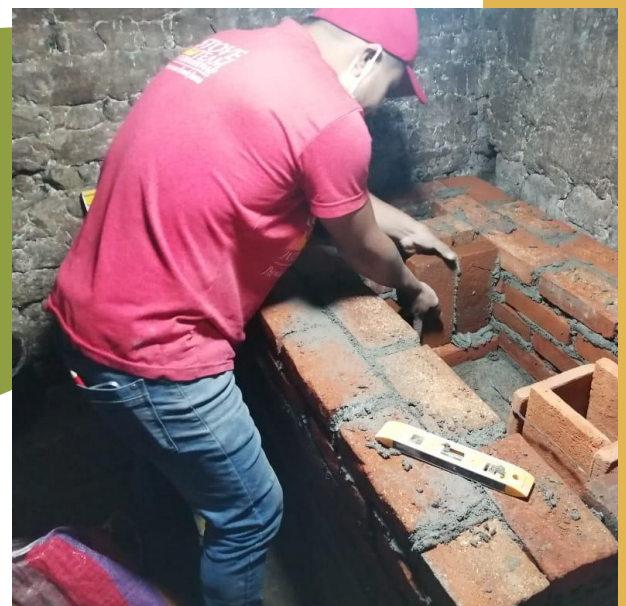
EcoLogic is addressing the communities' needs, first and foremost, by providing food security and better nutrition at this critical time. The garden materials we use also emphasize sustainability by focusing on native species and incorporating perennial plants.

EcoLogic in Mexico

In our work with FARCO, in Oaxaca, Mexico, we are partnering with students from the Universidad del Pueblo de San José Chiltepec to bring food and economic security to the communities surrounding the conservation areas. The program will last six months and includes training for establishing and growing home gardens, with a particular emphasis on the use of native seeds, medicinal plants, and fruit trees. EcoLogic aims to empower young students with the necessary knowledge to replicate these activities and their positive effects in their own communities.

Northern Honduras

In our work in northern Honduras, we have been able to invest in the construction of **100** fuel-efficient stoves to date. We are always seeking to improve the fuel-efficiency of the stoves we use and are expecting to pilot new models in Honduras and Guatemala later this year.



Financial Incentives



In 2022, we generated **\$132,601** for communities through the sale of honey, small enterprises, and their participation in incentive initiatives.

Partnership with APROSARSTUN

In collaboration with our partner APROSARSTUN in Guatemala, we have recently supported Women's Committees in 3 communities of the Sarstun Multiple Use Area go through a process of capacity-building and selection of an income-generating alternative. In late June we concluded the first phase of the process by delivering corn mills that they will use to provide milling services to their community.



Beekeeping in Ixcán

In Ixcán, Guatemala we have been working to train and equip 75 beekeepers. In June we were able to sponsor 12 beekeepers to enhance their technical knowhow at the Beekeeping Technology Transfer Center in Suchitepequez, Guatemala, one of the most technical in Central America, to contribute to their ongoing training in good beekeeping practices. They will be putting this new knowledge to use back in their apiaries and sharing it with their fellow beekeepers.



Environmental Education



EcoLogic and community partners trained 241 youth, and conducted 70 workshops in 2022.

Creative Collaborations

On World Rainforest Day, EcoLogic collaborated with the Creative Action Institute to host a discussion on the use of art and creative approaches in conservation. The presentation – Leveraging Art to Advocate for Forests – highlighted three of Creative Action Institute’s partners and how they have implemented creative workshops, projects, and initiatives to foster a new culture and awareness around sustainability and forest protection.



Fostering Environmental Awareness

In collaboration with our partner AJAASSPIB, the National Autonomous University of Honduras-Aguan Campus (UNAHTEC-Aguan), and our field staff in Honduras, we are fostering greater environmental awareness and encouraging youth to become champions of their local ecosystem.

Students between the ages of 18 and 22 are involved in the establishment of a nature trail that will serve local school children in Honduras through activities at an outdoors environmental education experience. The students are planting native trees and plants that attract pollinators.



Mangrove Conservation Initiative

This initiative has included the delimitation and georeferencing of **49.35** hectares of tropical forest owned by the Barra Sarstún Fishermen's Committee to develop management plans.

In addition, EcoLogic is working with the community to conduct assisted regeneration of **2.09** of red mangrove, black mangrove, and white mangrove in the community of Barra Sarstún. This was done using the island sowing technique (11 plants per position), a total of **1,800** mangrove plants were planted in the designated degraded area.

Tree nurseries were established in each community to produce **7,243** plants of native tropical species in Barra Sarstún and San Juan. We also developed a management plan for **65 ha** of mangroves in El Cayo, and the community will continue to conserve the area. **6** monitoring visits were carried out, three in each community with the support of active members of the monitoring brigade.



Women-Focused Enterprises

EcoLogic local staff worked closely with the Office of Women in the Municipality of Livingston to establish 3 Women's Committees in the communities of Sarstún Creek, Lo En Medio II, and Playa Sarstún. Together we developed a training plan for women leaders from these communities, covering topics such as leadership, self-esteem, and entrepreneurship, with the aim of creating 3 rural micro-enterprises in the communities of the IBAMHA micro watershed.

The first workshop of the training plan was held for women leaders, stressing the importance of women's participation and community organization, an activity moderated by Feve Cabnal, Director of the Office of Women of the Municipality of Livingston, Izabal. We are awaiting the final legal recognition of the 3 women's committees, to be able to provide the following training workshops to define micro-enterprises in a participatory way in each community. The document shown on the left is part of the process of obtaining this recognition for the women to operate in a coordinated way.



2021 Financials

Summarized Statement of Activities for 2021 Fiscal Year*

Support & Revenue

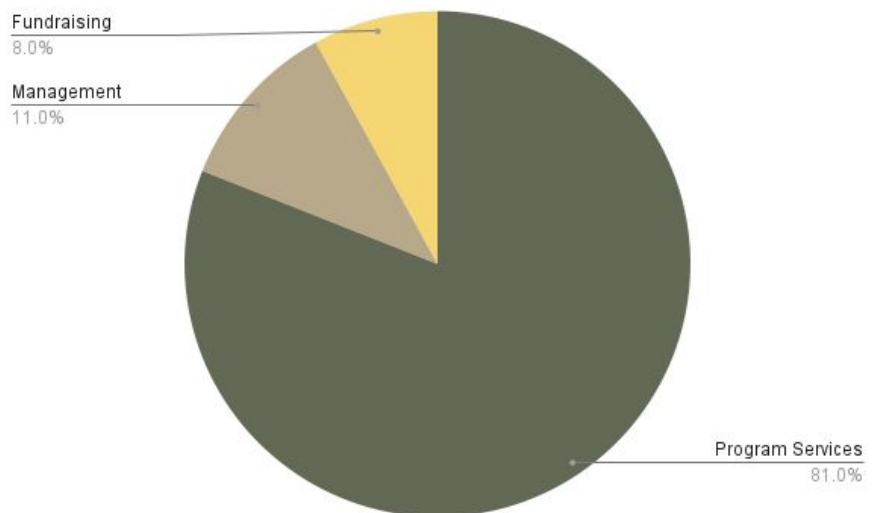
Grants & Contributions	\$441,528
In-Kind Donations	\$43,962
Contract Income	\$11,682
PPP Income	\$19,665
Interest & Other	\$231
Gain on Investments	\$222
Loss on investments in subsidiary	(\$2,336)
Loss on exchange rate	(\$1,742)
Total Support & Revenue:	\$514,212

Expenses

Program Services	\$345,368
Management & General	\$57,028
Fundraising	\$35,973
Total Expenses:	\$438,369

In 2021, 81% of EcoLogic's expenditures went directly to implementing programs in Guatemala, Honduras, and Mexico. Crucial to our success on the ground is the fact that the amount of direct investment by EcoLogic is only a small piece of the overall support generated by our funding.

We could not achieve the results we do without the commitment and investment of our local partners, volunteers, and the communities with whom we work!



*Financials listed are from one year prior to the program activities highlighted throughout this report in order to provide financial information.

Our People

Staff (US and Regional)

Marco Aurelio
Acevedo

*Program
Officer, Mexico*

Mario Ardany de
León Benítez

*Program Officer,
Guatemala*

Carlos Duarte
Euraque

*Program
Officer,
Honduras*

Ernesto Frias

*Sr. Finance
Officer*

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Mark Spranca,
Chair

Nicholas Shufro,
Vice-Chair

Bill Green,
Treasurer

Patricia Goudvis,
Secretary

Dr. David
Barton Bray

Dr. Robin L.
Chazdon

Kendra Ferraro

Eva Gurria

Dan Tunstall

Barbara Vallarino,
Ex Officio

Our Partners

Field Technicians As of December 2022

**Elmer Urizar
Reyes –**
*Mancomunidad
de Municipios
Frontera del
Norte*

**Carlos Roberto
Hernandez
Maradiaga –**
*Asociación de
Juntas
Administradoras
de Agua del
Sector Sur de
Pico Bonito*

**Antonio Reyes
Montejo Caba –**
*Mancomunidad
de Municipios
Frontera del Norte*

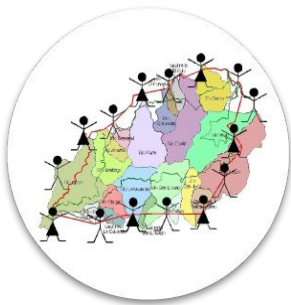
**Fernando
Recancoj –**
*Junta de Bienes y
Recursos
Naturales de los
48 Cantones*

**Eliazar Isaac Bo
Che –**
APROSARSTUN

**Victor Daniel
Escobar –**
MAMUCA

**Severiana
Dominguez –**
FARCO

Roberto Valerio –
MACO



Our Supporters

We are deeply grateful to the many loyal donors who supported our work with gifts up to \$1,000.

Special recognition is provided in this Annual Report to the following individuals and organizations who contributed \$1,000 or more.

Amy and Michael Thornton
Angela Lewandowski
Bill Green
Blossom Fund
Cell Signaling Technology
Clif Bar Family Foundation
Creative Action Institute
David Bray
Dudley T. Dougherty
Foundation, Inc.
Eleanor Andrews
Joseph Levine
Judi Cantor
Kendra Ferraro
Lakeshore Foundation
Leiter Family Foundation

MAR Fund
Marcella Vallarino
Monica Molina-Austin and
Jason Austin
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Towards Sustainability
Foundation
Warren Darrell

Pro Bono Services

Goulston & Storrs
Westwind Coach

Interns and Volunteers

Jade Austin Seren Ozkan
Warren Darrell Beaujena Stoyancheva
Caitlin Lupton Cindia Wong
Dr. Marc Mayes

We honor our donors and regret any errors or omissions. To correct an oversight please contact us at info@ecologic.org.

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