



2023

ANNUAL REPORT



INDEX

Cover letter	03.
Our pillars	04.
Conservation	
Science	
Awareness	
Conservation activities	05.
Advances in science	06.
Expanding awareness	07.
Our team	10.
Our allies	11.
Awards	13.

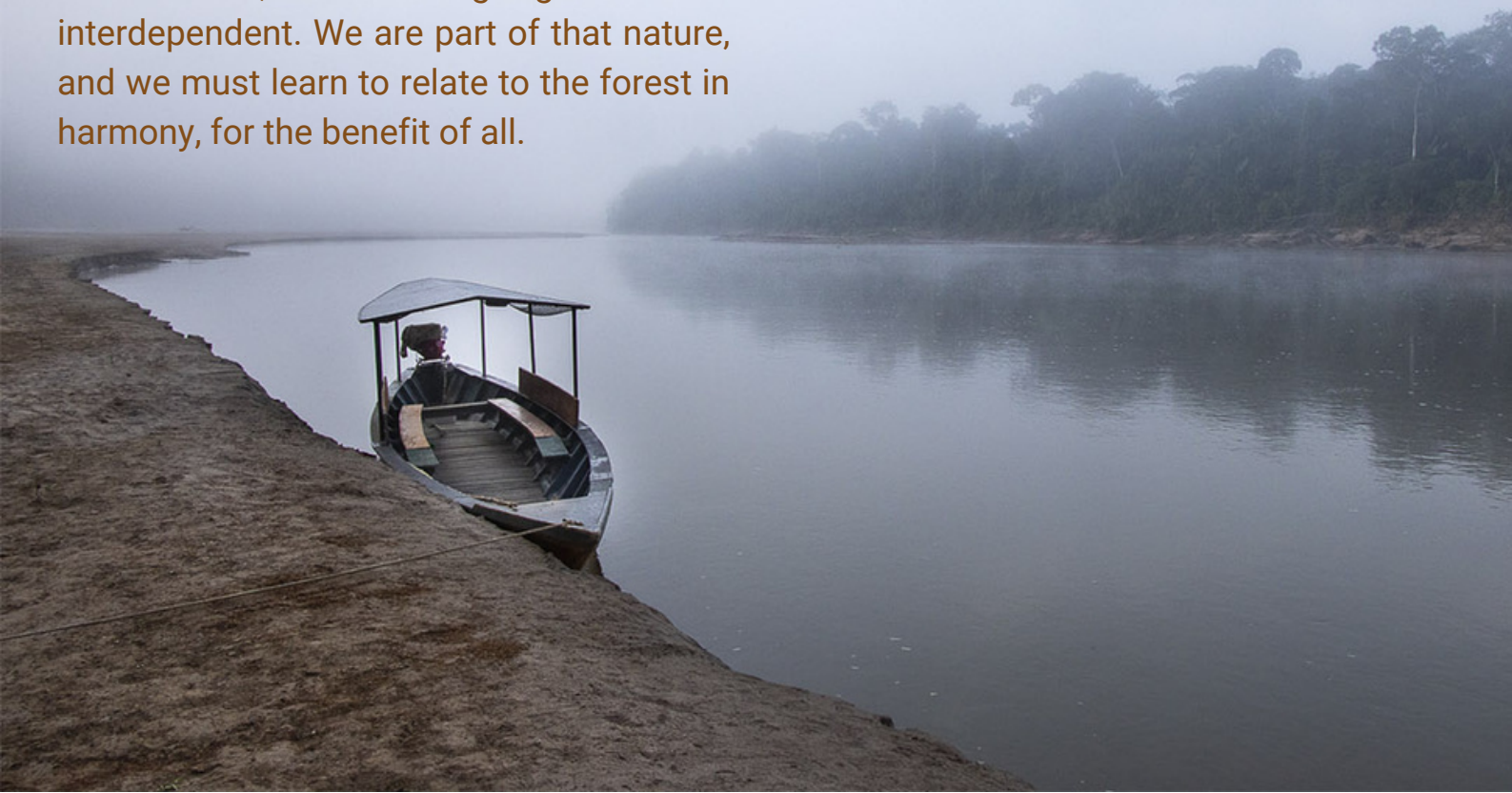


COVER LETTER

If the year 2023 would have a name would be “Reconnection with the Forest” because we believe that it is essential reestablish this link between the human being and the nature. In that year, we have achieved to start that connection between our clients and our forest in ARBIO.

The best example of connections is found in the nature. There are close relationships among the living organisms, and the links result in evolutionary adaptations. This co-evolution allows that those living organisms can develop for mutual benefit. A great example is the case of hummingbird which presents changes in its morphology, having a beak larger to adapt it to the kind of the flowers and the same happens in the corolla of the flowers. The flower benefits because it obtains pollination and the hummingbird benefits because it obtains nectar where other animals cannot access. In nature all is connected, and the living organisms are interdependent. We are part of that nature, and we must learn to relate to the forest in harmony, for the benefit of all.

This year has been a year of reconnection with our contributors, clients, and allies to strengthen the protection of the area of the forest in which we develop activities in Madre de Dios. Our field operations have ensured that the area remains pristine and intangible, offering 100% the ecosystem services of a healthy primary forest. Regarding commercial issue, despite the recession that is experienced nationally and internationally, we have achieved the retention of 100% of our corporate allies and all this confirms that our purpose is shared!



OUR PILLARS

CONSERVATION

The conservation pillar is focused on the active protection and the sustainable management of ARBIO Peru Conservation concession.

This approach includes a constant commitment to preserve not only the different species of plants and animals which live in this ecosystem, but also its ecological integrity and functionality.

Our work is essential to guarantee the long-term survival of this natural treasure, ensuring that it will be a vital refuge to the biodiversity and an invaluable resource to human and planetary wellbeing.

SCIENCE

This pillar is concentrated on taking a close look at understanding and the appreciation of the Peruvian Amazon, an ecosystem of a unique and vital biodiversity to the global ecology balance. By the scientific investigation, we seek to discover and document the rich diversity of flora and fauna that resides in our forest, as well as the complex ecological processes that support it.

AWARENESS

The awareness pillar represents our dedication to make sensitive and educate the public about the vital importance of the Amazon and the urgent necessity of its conservation. This pillar involves the main task of connecting people with the reality of the Amazon forests, highlighting not only their beauty and biodiversity, but also the challenges that they face. We believe that the change begins with the awareness, so this pillar is essential to drive a positive transformation toward more sustainable and respectful practices.



OUR ACTIVITIES IN CONSERVATION

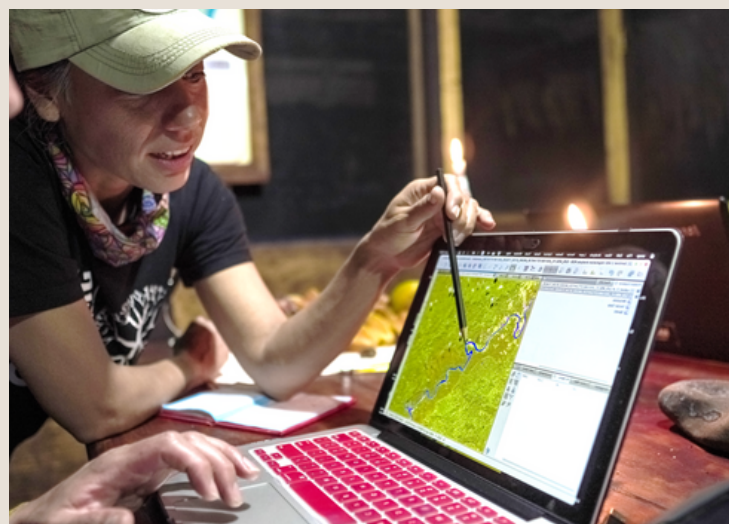
- Maintenance of the health of this forest has been one of the main achievements. Despite the unstoppable opening of informal motorable trails that derives from the interoceanic highway, we have achieved the intangibility of the area. We have not had invasions by loggers or hunters in the entire 916-hectare concession in Las Piedras River basin, Madre de Dios.



- To avoid the entry of hunters an agreement with the neighboring community has been signed, where our boundaries are recognized, and we commit to respecting our limits. The Threat Map for illegal activities was obtained from a USAID[1] team that certifies on behalf of this entity the situation of deforestation in the bordering concession, caused by the neighboring community. The report shows, through in situ images, the state of deforestation that threatens the ARBIO concession.
- Our forest ranger team remains vigilant at the station. The monitoring and patrol program has achieved a total of 4050 km in land and river surveillance in the basin, in 2023. We maintain strategic allies in the Las Piedras River basin with whom we carry out training and joint patrols.
- Continue training to the park ranger team about surveillance and health in the job, first aid, composting, analog forestry techniques and agriculture for consumption.
- Participation in the meeting with concessionaires of the Voluntary and Communal Conservation Network (Amazonia que Late), which brings together 2 million hectares of forests conserved with their own resources. The meeting was carried out in Moyobamba.
- Training concerning forest restoration with Analog Forestry to communities in Bolivia and Ecuador. It was addressed to 60 people. IAFN program (International Analog Forestry Network)

[1] United States Agency International Development

ADVANCE IN SCIENCE



- Checking and adjusting data of each large tree, monitored from the database.
- Calculation of accumulated carbon by type of forest in the concession area: 311 thousand MT of carbon in the 916 hectares, avoiding the release of 1,139,335 MT of CO₂ – equivalent.
- Development of the prototype “Tracker for monitoring large trees” for use in the trunk or crown of trees at risk.
- Recovery of vulnerable or endangered species, by seed collection and propagation (storax, copaiba, shihuahuaco, quillobordón, among others).
- Support the publication “Evaluation of deforestation (2000-2020) in Peruvian forest concessions in the province of Tambopata (Madre de Dios) using open data platforms.” (D. Valle, T. Espinosa, D. Limache) [**READ HERE**](#)



International award for the advertising campaign “Es hora de parar” (It's time to stop) in the environmental category in Cannes, thanks to the creative team of the TBWA agency. The winning campaign consists of 3 sequences that merge images from the James Webb Space Telescope with photographs of tree trunk sections. They highlight the growth rings of the trunk, comparing them to nebulae, clusters, and galaxies in the space: “Buscamos vida, destruimos otras” (We look for life, we destroy others).

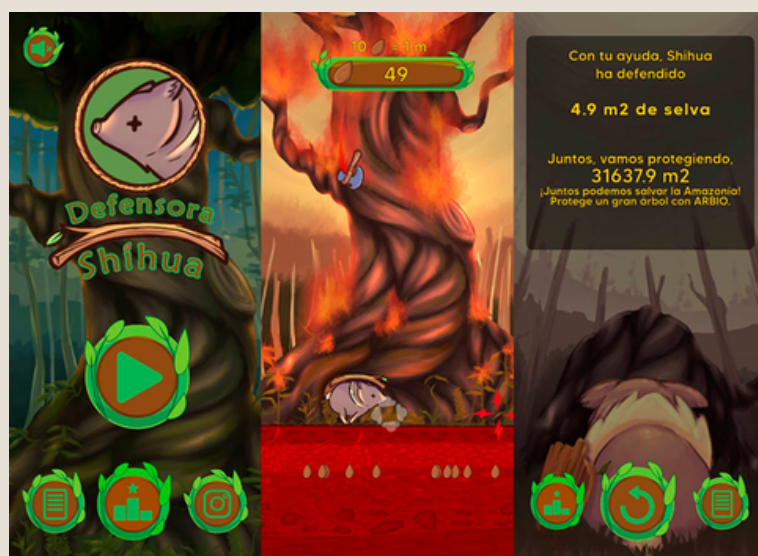
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BanBif campaign “Guardianes de la Amazonía” (Guardians of the Amazon) with a raffle for a trip to the jungle. The happy winner, among almost 1000 participants, had the experience of the trip to Madre de Dios where she met the legendary Shihuahuaco and the fauna that inhabits it.





At the international level, PromPerú edited a video with ARBIO's forest conservation thematic content to promote destinations in the Amazon. It was broadcast on its channels to an audience of 165 thousand people in North America.



At the national level, thanks to an alliance with Toulouse Lautrec institute, a video game was developed with the students of the program inspired by a true ARBIO story. The protagonist, Shihua, a sajina that accompanied the rangers on their surveillance tours, must defend the forest from loggers in the video game. The game allows to add points and square meters of conserved forest, and more than 45,000 square meters (4.5 hectares) were achieved. It is called "Defensora Shihua" (Shihua Defender) and is available for iPhone or Android.

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- Thanks to scientific research on the Shihuahuaco (T. Espinosa, D. Valle, 2021), the average age of these trees in the ARBIO forest was determined: 68% are over 500 years old. As a result, journalist Adrian Estrada's articles were published in Holland in 2023. He visited the forests in Madre de Dios where Shihuahuaco wood is harvested. In Rotterdam, the journalist investigated the installation of more than 300 benches made from this ancient tree's wood.



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- Drawing contest with BBVA[2] in which more than 30 children participated who were inspired by the Shihuahuaco, the trees, the forest fauna, and its conservation.



- Greater presence on social networks with a focus on education and awareness messages about large trees, the services they provide and the importance of conserving the Amazon Forest. Valuable and differentiated content shows increasing public interest in these topics.



[2] Financial institute

OUR TEAM

Tatiana Espinosa



Rocio Espinosa



Gianella Espinosa



Carlos Yumbato



Mario Yumbato



Jeffry Yumbato



Ronald Taboada



Nicoletta Zucconi



Margarita Caller



OUR NATIONAL ALLIES

Fundación

BBVA



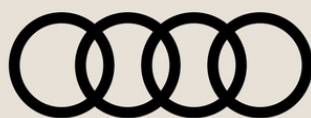
BanBif



MAGNESOL



•buk•



TOULOU
LAUSE
TRE
C



PUCP



SERFOR

Servicio
Nacional
Forestal y
de Fauna
Silvestre

OUR INTERNATIONAL ALLIES



Milkywire



GIANT TREES
FOUNDATION



REGENERATORS



BluoVerda



FOR THE
PLANET



blossom
INSPIRATIONS

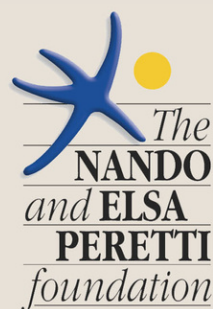


FOCUS ON
WOMEN
INSPIRING TRAVELS



International
Ranger
Federation

LCMU



BNI®



IAFN RIFA
analogforestrynetwork.org

AWARDS

WHICH WE ARE PROUD FOR

NAME	FROM	TO	PLACE, DATE
Jane Goodall Hope and Inspiration Ranger award	International Ranger Federation, IUCNN y The Thin Green Line Foundation	Tatiana Espinosa	Nepal, 2019
Honor al Mérito	Ministerio de la Mujer (Women Department)	Tatiana Espinosa	Lima, 2020
MoveTheDate Solutions Map contest	Global Footprint Network	ARBIO	2020
Fragile Ecosystem	SERFOR[1], Ministerio de Agricultura (Agriculture Department)	ARBIO	Lima, 2020
Héroes del Bicentenario (Bicentennial Heroes)	América Televisión Producciones[1]	Tatiana Espinosa	Lima, 2021
Carlos Ponce del Prado Award	Artífice de la Conservación (Conservation Architect)	Tatiana Espinosa	Lima, 2021
Award for women who fight for the common good	Municipality of Metropolitan Lima	Tatiana Espinosa	Lima, 2022
Sacha Award	Mentor for climate action	Tatiana Espinosa	Costa Rica, 2023
100 Peruvians who make Homeland	Libro "Tengo el Orgullo" de Ingrid Yrivarren (Book "I have Pride" by Ingrid Yrivarren)	Tatiana Espinosa	Lima, 2023
Certificate of compliance conservation concession	OSINFOR [1]	ARBIO	Moyobamba, 2023
Advertising campaign award – environment category	Great Ads for Good. Act Responsible.	ARBIO – TBWA	France, 2023

[3] National Forest and Wildlife Service

[4] Name of a Peruvian channel

[5] Forestry and Wildlife Resources Supervision Agency



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 Asociación ARBIO Perú



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