

EDITORIAL LETTER

REGENERATING TRUST REGENERATING THE LAND

June – July 2025 | The Earth Lab & Ban.CO2 de Carbono Mestizo®



At The Earth Lab, we believe sustainability cannot be decreed: it is built — with each community, each voice heard, each root planted. In this special edition from Chiapas, we celebrate the power of unity, participation, and collective memory.

Through new portfolios, partnerships, and methodologies, we reaffirm our commitment to solutions that restore, integrate, and endure.

We proudly dedicate this issue to the state of Chiapas and its ejido communities, especially to our founding partners of “Ecos de Chiapas”, Blue Carbon Portfolio.

— *Jorge Calderón Álvarez*
Strategic Ecosystems Leader | The Earth Lab





Ecos de Chiapas

Portafolio de Carbono Azul



Located in the heart of La Encrucijada Biosphere Reserve, “Ecos de Chiapas: Portafolio de Carbono Azul”, is much more than a group of projects: it is a living alliance between ejido communities, conscious investors, and committed developers.

With this Aggregated Project Portfolio we aim to initially restore over 2,400 hectares of mangroves, strengthen community ties, and generate carbon credits with tangible, sustainable benefits for the planet — and for those who care for it. Our medium-term goal is to grow to 10,000 hectares.

Today, the voices of the founding Ejidos resonate as one: they are regenerating what gives life.



PARTICIPATORY CHARRETTE & FIELD VISITS:

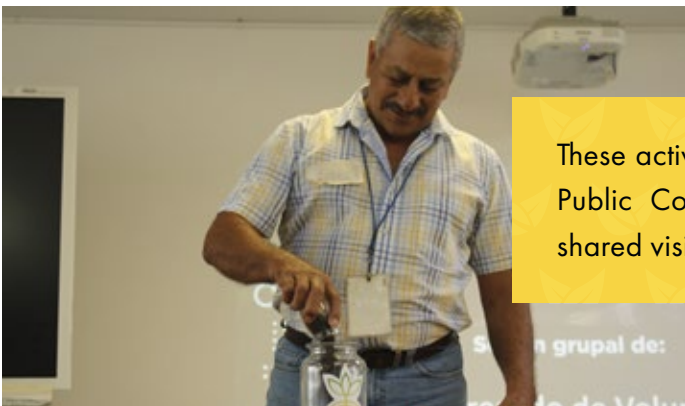
VOICES INTERTWINING LIKE MANGROVE ROOTS

On May 23, during the recent multi-stage “Ecos de Chiapas” Charrette, we applied the Earth Charrette methodology — designed to align key actors and foster inclusive, transparent processes. Participants included founding ejidos, Ejido Authorities, Federal Agencies represented by CONANP, Academia via ECOSUR, project developer The Earth Lab, BCO2M, and strategic allies like Invert, Inc.



We created a symbolic “living mangrove” where each person added symbols, words, and colors representing the balance of a real mangrove — real voices from committed communities making themselves heard.

As a symbolic act, representatives from each group blended soil samples into a shared urn and delivered emotional speeches of unity and shared vision.



These activities strengthen Free, Prior and Informed Consent, the Public Consultation process, and Governance, nurturing the shared vision behind the Blue Carbon Projects.

ECHOES FROM CHIAPAS:

FIELD VISIT REFLECTIONS

Throughout the technical and participatory activities in Chiapas, we gathered lessons, dreams, and commitments that reflect the collective value of “Ecos de Chiapas”:

“When we mixed the soil from each ejido, I felt we were making history: this Portfolio is now part of us.”

— Ejido representative.

“Restoration isn’t just ecological, it’s also social. And we’re proving that here in Chiapas.”

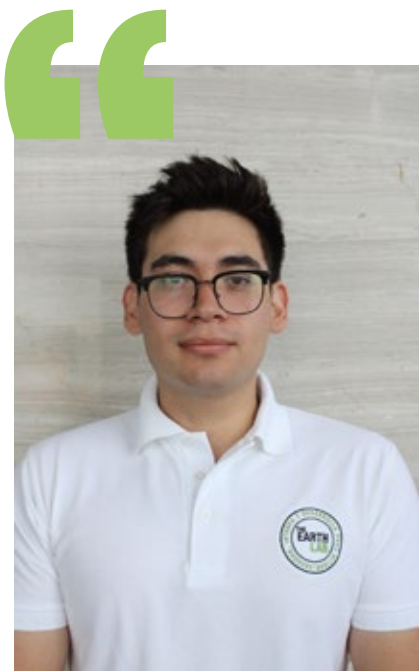
— Ban.CO2 de Carbono Mestizo® team member.

“The living mangrove mural showed us that every part of the system, like every person, has a role to care for.”

— Participant from Ejido Emiliano Zapata.

“All voices were heard: from young girls to technical experts.”

— The Earth Lab field team.



THE QUOTE OF THE MONTH FROM OUR TEAM OF COLLABORATORS:

“Strong communities grow from living roots and shared purpose.”

— Mauricio Rivera Hernández

Administrative and Human Resources Coordinator

NOTABLE DATES:

- 🌱 **June 5** – World Environment Day
- 🌱 **July 1** – National Plant Health Day (Mexico)
- 🌱 **July 8** – Anniversary of the State of Chiapas
- 🌱 **August 9** – International Day of the World's Indigenous Peoples
- 🌱 **August 19** – World Humanitarian Day

INTERESTING NEWS

PLANTS ALSO COOPERATE TO RESIST HEAT

New studies on microbacteria associated with mangroves reveal that some species help roots resist salinity and high temperatures. This type of symbiosis inspires our carbon projects, where community and environment regenerate each other.



LOCUST OUTBREAK IN SOCONUSCO REIGNITES PLANT HEALTH DEBATE

Coinciding with National Plant Health Day, local authorities activated an emergency plan in Chiapas. The Earth Lab's mangrove restoration projects help reduce pests by improving the hydrological and biological balance of the area.



THE EARTH LAB FUN FACT

Did you know?

A mature mangrove tree can store up to 1,000 tons of carbon per hectare. Restoring mangroves is not only a climate strategy, but also a way to protect food security, biodiversity, and coastal traditions.

ACTIONABLE RECOMENDATIONS:

- 🌱 Join reforestation campaigns in your region.
- 🌱 Research the history of your territory.
- 🌱 Support projects that respect local governance and traditional knowledge.

HIGHLIGHTED QUOTE

"We mixed our soils to remember there's no sustainable future unless we walk together."

— Ejido member.

WANT TO KNOW MORE?

Visit www.earthlab.mx or follow us on social media.

THE EARTH LAB

WWW.EARTHLAB.MX



Because sustainability should be accessible and actionable.



FROM DIALOGUE TO ACTION: INVERT'S VISIT TO THE MANGROVE

In May 2025, we welcomed Chris Heider, Head of Carbon Development at Invert Inc., a key partner and investor. His visit reaffirms international commitment to blue carbon projects that center communities and living territories.

During his tour of potential restoration and monitoring sites, Chris, along with The Earth Lab and ejido technicians, witnessed the social and environmental impacts of the Aggregated Projects comprising the Portfolio. Accompanied by technical teams and ejido leaders, he observed women-led restoration work, visited the Sea Turtle Museum, and participated in dialogue spaces during the Territorial Charrette, sharing joyful moments showing drone footage to communities.

His presence is not only a technical and financial validation but also a clear signal that voluntary carbon markets can—and must—be built on shared responsibility, active listening, and collective regeneration.

Like us, Invert believes in a new generation of climate projects: those where science, justice, and community action converge.





PORTRAIT OF THE RECENT MANGROVE CONGRESS

KEY TAKEAWAYS FROM THE VII MEXICAN MANGROVE ECOSYSTEMS CONGRESS

-Tapachula, June 2025

From June 24 to 27, 2025, in Tapachula, Chiapas, the VII Mexican Congress on Mangrove Ecosystems brought together researchers, government agencies, civil organizations, and local communities committed to strengthening mangrove conservation and restoration in Mexico.



WHO PARTICIPATED

-  University and research institute representatives.
-  Officials from CONANP and other federal and state agencies.
-  NGOs and community projects, including The Earth Lab and its technical allies.

MAIN THEMES

-  Monitoring and applied science: methodologies for measuring carbon and biodiversity.
-  Governance and participation: dialogue spaces with physical and Indigenous communities.
-  Nature-based solutions: socio-ecological benefits such as flood control and sustainable fisheries.
-  Innovation and good practices: success stories using Ecological Mangrove Restoration (EMR).
-  Connectivity and climate resilience: tools to protect coasts from hurricanes, high tides, and climate change.



IMPACTO Y AVANCES CONCRETOS

Strengthened networks across Mexico, Latin America, and globally, positioning Chiapas as a biodiversity and community leadership reference.



¿POR QUÉ ESTE CONGRESO IMPORTA PARA ECOS DE CHIAPAS, PORTAFOLIO DE CARBONO AZUL?

- ✔ Promoted social and environmental safeguards in Aggregated Projects: transparent, multidisciplinary, and participatory processes.
- ✔ Reinforced the technical legitimacy of the Portfolio, aligned with international standards and alliances like CONABIO, CONANP, and UNFCCC.
- ✔ Opened pathways for innovation in monitoring, citizen science, environmental education, and blue carbon finance.

This Congress is not just a discussion space—it is a platform that strengthens the national mangrove conservation ecosystem. From The Earth Lab, we take these learnings to continuously improve Ecos de Chiapas: Blue Carbon Portfolio and continue connecting land, science, and community.



WOMEN WITH STRONG ROOTS

ROOTS THAT SUSTAIN THE MANGROVE



At the VII Mexican Congress on Mangrove Ecosystems in Chiapas, we had the honor of sharing space with the group Women with Strong Roots—community leaders who show that mangrove restoration is not just a technical job, but a living task nourished by care, identity, and hope.

Their participation stood out as they shared local reforestation experiences, community organization efforts, and knowledge transmission to younger generations. These women have led nurseries, cleanup days, and environmental education sessions for children and youth in the community.



They remind the world that restoring a mangrove also means restoring trust between communities, ensuring dignified livelihoods, and sustaining networks of mutual support.

In their hands—and roots—grows the certainty that restoration must include, highlight, and recognize the work of women.

LOOKING TO MAKE YOUR FOOTPRINT MATTER THROUGH MEANINGFUL IMPACT?

Join the Bonos Jaguar del Mayab Portfolio

Get High-Integrity carbon credits with tangible benefits for the communities protecting the land.

The time to act is now. Contact us at: bco2m@bonosdecarbono.org



— PORTFOLIO —

Bonos Jaguar del Mayab



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