



# EDITORIAL MESSAGE

This month, we reflect on the role of sustainability in the regeneration of ecosystems and communities. Nature is resilient, and its ability to adapt reminds us that we still have time to change our impact on the planet.

At The Earth Lab, we work under the principle that every action counts. From forest conservation to designing innovative waste management solutions, we strive to integrate Sustainability into every process, inspiring companies and communities to take responsibility for protecting the environment.

This newsletter is dedicated to those who believe in regenerating our surroundings, in science and engineering as tools for sustainable development, and in education as the key to transforming both the present and the future.

All of this is supported by strong and meaningful strategic alliances that continue to grow every day, contributing to a greater impact. These alliances make us stronger and reaffirm that we are on the right path.

Nature has given us signs that we are moving in the right direction—one example is the presence of a jaguar and its natural prey in the Ejido Sisal, proving that our efforts to restore ecosystems are working. This is just one example of what we can achieve when we work with nature, not against it.

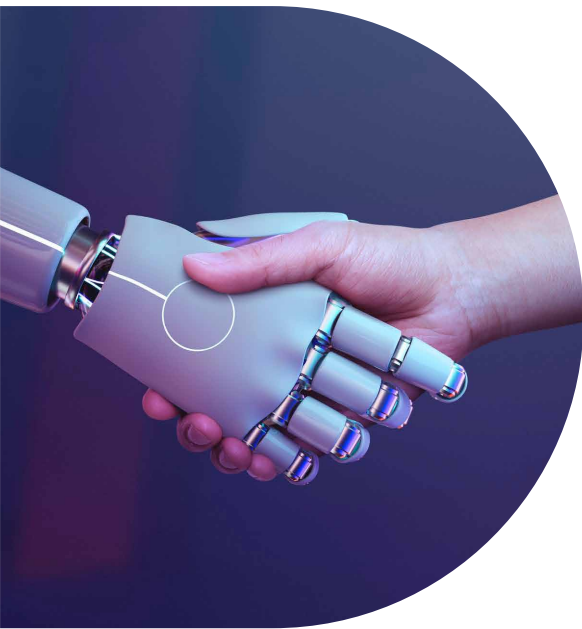
**Let's continue building a  
future where  
sustainability is the axis  
of every decision.**



# CURRENT NEWS

## First Global Agreement to Restore Wetlands

In the framework of World Wildlife Day, a group of 50 countries signed a commitment to restore 30% of their degraded wetlands before 2035. This agreement seeks to stop the loss of biodiversity and mitigate the effects of climate change by recovering essential aquatic ecosystems.



## Artificial Intelligence as a Conservation Tool

A study published in the scientific journal, Nature Communications, showed that a team of scientists developed an artificial intelligence system capable of analyzing sounds from the jungle to detect endangered species. This advance will allow for improved conservation strategies, monitoring of populations and alerting about possible threats in real time.

## Mexico Launches Initiative for Energy Efficiency in the Industrial Sector

In commemoration of the International Day of Energy Efficiency, Mexico presented a national plan to reduce energy consumption in factories and industrial plants, promoting tax incentives for companies that adopt renewable energy sources and optimize their processes.





# INTERESTING FACTS

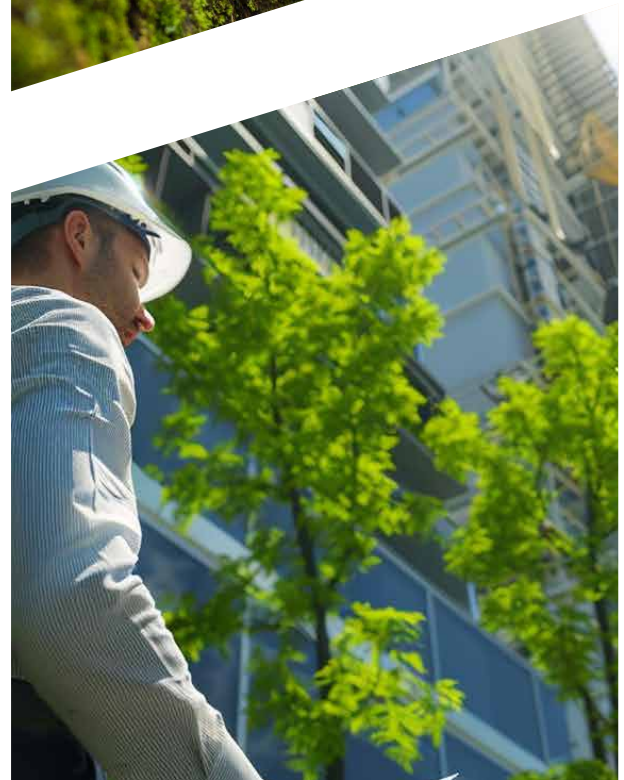
## Trees Communicate with Each Other

Studies conducted by a group of scientists from the University of British Columbia, from which professor Suzanne Simard stands out, have shown that trees use an underground network of fungi called the “wood wide web” to exchange information and nutrients. Through this system, they can warn each other about pests or share resources with younger or weaker trees.



## Why Engineers Are Key to Sustainable Development?

From water management to the design of more efficient cities, engineering is essential to reduce environmental impact. Today, green infrastructure projects, recyclable materials and clean energy systems are being developed that are redefining the future.



# THE COYOTE, AN UNEXPECTED VISITOR IN THE EJIDO SISAL

A recent sighting confirmed the presence of the coyote in Ejido Sisal, a region where this species was not previously common. Historically, coyotes were only found as far south as central Mexico. However, habitat loss due to deforestation and other factors have influenced changes in their distribution, pushing them all the way to the Yucatán Peninsula.

Some research suggests that this shift in distribution is linked to deforestation and the introduction of livestock, as coyotes have found refuge in conservation and restoration areas.



## ANNIVERSARIES OF THE MONTH

-  **March 3:** World Day of Nature and Wildlife.
-  **March 4:** World Day of Engineering for Sustainable Development.
-  **March 5:** International Day of Energy Efficiency.
-  **March 8:** International Women's Day.
-  **March 21:** International Day of Forests and Arbor Day.
-  **March 23:** World Learning Day.
-  **March 27:** Earth Hour.
-  **March 30:** International Zero Waste Day.



# CLIMECO & THE EARTH LAB STRENGTHEN THE VOLUNTARY CARBON MARKET IN MEXICO

## *Global Connection for Sustainability: ClimeCo LLC in Mexico*

The visit by Linda Kelly, ClimeCo's Senior Vice President of Certification Programs, to the Carbon Projects developed by The Earth Lab represents a milestone in the consolidation of the Voluntary Carbon Market (VCM) in Mexico. As a leader in the design and financing of carbon solutions internationally, ClimeCo is committed to identifying solid projects with real social and environmental benefits and connecting investors and high-impact initiatives.

During this tour, Linda Kelly and the Earth Lab team visited the Ejidos (common lands) where the *Bonos Jaguar del Mayab Portfolio* projects are being carried out, integrated by Ban.CO2 de Carbono Mestizo® (BCO2M). These include Ejidos Bacalar, Felipe Carrillo Puerto, X-Hazil and Annexes, and Caoba, where communities have committed to the conservation and sustainable management of their natural resources. The visit provided a firsthand look at the field work, local challenges, and opportunities to strengthen the presence of these projects in the global carbon market.



**Project Evaluation:** ClimeCo and The Earth Lab analyzed the viability and quality of the carbon credits generated in these ejidos, verifying that they meet high-quality international standards.

**Social & Environmental Benefits:** The importance of translating revenue from the sale of carbon credits into concrete improvements for communities was highlighted, such as access to infrastructure, education, and strengthening local economic activities, as well as any other initiatives the community deems necessary.





**Long-term vision:** Linda Kelly emphasized that the continued existence of these projects requires well-structured strategies, partnerships with committed buyers, and transparency in the distribution of benefits.



*"We believe 2025 is a better year for the Voluntary Carbon Market,"* said Linda Kelly, highlighting the market's evolution and the growing demand for projects with real impact. Her strategic vision seeks to ensure that communities like these have access to buyers who value not only carbon capture, but also the positive impact on biodiversity and social well-being.

These types of visits strengthen the credibility and transparency of projects, generating trust among investors and facilitating access to new markets. At The Earth Lab, we continue to promote these connections to ensure that local conservation efforts become real opportunities for sustainable development.

**The carbon market is not only a climate solution, but also a tool for environmental justice.**

**Want to know how  
you can be part of  
this transformation?  
Contact us.**



# VOICES OF THE EJIDOS: CONSERVATION AND CARBON EFFORTS IN ACTION

## **From the voice of the communities:**

The positive impact of carbon projects on *ejidos*

Linda Kelly's visit allowed for an open dialogue with the communities to learn their perspectives, identify areas for improvement, and reinforce the commitment to take these projects to the next level. During the meetings with the commissioners and ejido leaders, the importance of ensuring tangible and sustainable long-term benefits for the communities was discussed.



*"Conservation is good, but it requires resources", said a local leader, emphasizing that ecosystem protection must be accompanied by fair economic incentives.*

*"Women's work doesn't stay at home; the Ejido offers them the opportunity to participate in other activities", highlighting the inclusion of women's brigades in forestry activities.*

*"The EU and the US have already realized the importance of preserving", reflecting the growing international attention to these projects.*

*"We have a green seal (FSC) to sell wood internationally", demonstrating how certification strengthens the sustainable management of forest resources.*

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## **Sustainability with Impact:** Transforming Communities Through Nature

The Earth Lab and ClimeCo confirmed that the income generated from the sale of carbon credits will positively impact the communities. The *ejidos* plan to improve their infrastructure, education, and economic opportunities, promoting local opportunities for young people to build their future without having to migrate to urban centers.

**Biodiversity and conservation:** Strategies were identified to strengthen flora and fauna monitoring programs, integrating new technologies and community training.

**International Market Access:** Linda Kelly highlighted the importance of ensuring the traceability and quality of carbon credits to attract buyers committed to projects with high social and environmental impact.

Linda Kelly emphasized that carbon projects should not be viewed solely as a financing mechanism, but as an opportunity to strengthen the resilience of communities in the face of environmental and economic challenges.

The Earth Lab and ClimeCo will work to structure new commercial alliances that will allow the *ejidos* to expand their presence in international markets and their capacity for adaptation through economic diversification.

The creation of new communication tools will be promoted so that communities can tell their story and showcase the benefits of these projects to the world, strengthening their presence in the Voluntary Carbon Market through the dissemination and preservation of their cultural heritage and ancestral traditions.

Sustainable development is only possible when communities are part of the solution. The Earth Lab and ClimeCo will continue working to ensure that these projects become benchmarks in the voluntary carbon market.

If you'd like to learn more about these projects or how you can contribute to the conservation of our ecosystems, **contact us.**



## Quote of the Month from our team of collaborators



"Strategic alliances are the common language between the global and the local: when a company connects with the world, it returns to communities a symbiotic solution, where every action is a seed and every result a shared harvest."

– Jorge Octavio Calderón Álvarez, International Liaison at The Earth Lab.

## EARTH HOUR: MORE THAN A BLACKOUT

This March 27, millions of people around the world will turn off their lights for an hour in a symbolic action to reflect on the impact of our actions on the planet. However, real change doesn't happen in 60 minutes, but in the habits we adopt every day.

From The Earth Lab, we invite you to go beyond this symbolic action. Reflect: **how can you make your positive impact last longer than an hour?**





# WHERE INDUSTRIAL PRACTICES AND NATURE-BASED SOLUTIONS CONVERGE

Sweden recently inaugurated the first zero-emission green steel plant, led by the startup Stegra. This breakthrough aims to revolutionize the steel industry and comply with the European Union's new climate standards.

At The Earth Lab, we specialize in implementing Nature-Based Solutions (NBS) that promote sustainable industrial practices. Our approach includes integrating natural processes into industrial environments to reduce emissions and improve energy efficiency. The adoption of clean technologies, such as green steel production, aligns with our consulting and sustainable project development services, offering companies strategies to minimize their carbon footprint and comply with emerging environmental regulations.

By collaborating with industries seeking to innovate toward sustainability, we facilitate the transition toward more responsible and environmentally friendly practices, contributing to the development of a circular and low-carbon economy.



**ECOBITES**  
BULLETIN





# SUSTAINABILITY TRAINING: KEY TO BUSINESS SUCCESS

In today's business environment, sustainability has become a fundamental pillar for success and competitiveness. Studies reveal that 61% of companies consider sustainability essential to their corporate strategy, but only 6% have staff trained to implement it.

This gap highlights the urgent need to train teams in green competencies. Green skills not only allow organizations to adapt to environmental regulations, but also drive innovation, improve operational efficiency, and strengthen corporate reputation.

At The Earth Lab, we recognize the importance of this ongoing training. Our Sustainable Footprint Membership offers a scalable model adaptable to the needs of each company, providing tools and knowledge to integrate sustainability into all operational areas. By training their employees, companies not only meet the demands of today's market but also position themselves as leaders in environmental and social responsibility.

Investing in employee education and awareness is essential to building a more sustainable future and ensuring the long-term success of organizations.

## THE EARTH LAB

Listen, integrate and develop to mitigate.

Find out more at: [www.earthlab.mx](http://www.earthlab.mx)



## BCO<sub>2</sub>M

Ban.CO2 de Carbono Mestizo®

Find out more at: [www.bonosdecarbono.org](http://www.bonosdecarbono.org)