Landscapes impact report



Overview

Who we are



We are an impact-driven global non-profit working on the ground to create scalable solutions for nature and people to thrive.

With farmers, local communities, governments, and businesses, we co-create regenerative agriculture practices and protect and conserve forests, **promoting the well-being of people and economic prosperity**. We generate replicable cases of change in landscapes and sourcing regions.

We work with over 50 companies and 20 partners to regenerate the supply chains, the soils, and the communities in 6 countries.

■ | Global map of Landscapes with commodities





Yes ■ How we work in our Landscapes

We achieve impact and drive change

We establish the transformation infrastructure of the Landscape

We create proofs of concept for improving production and sourcing practices

We develop strategies for deepening impact from foundation set by collective actions



Supply chains as entry points



Farmers-centric strategy



Holistic, multi-stakeholder approach



Staff on the ground



Data-driven impact measurement



Scaling-up



■ What we have learned to date: success and challenges

The EF Landscape Programme started in 2021 and is currently in its first phase that lasts until end of 2025. The first phase is generating a foundation for collective action and creating proof-of-concepts for transforming sourcing and production practices. Below we list the main successes and challenges to date.

Successes to date...

The Collective action approach maximizes impact while minimizing costs and successfully blends public & private funding.

The landscapes have led to the construction of many new partnerships and collaboration with local organizations.

A permanent field presence in each project has proved to be key ingredient to building trust, partnerships and capacity locally.

The landscapes are generating recipes for change and innovations to holistically address key sustainability challenges.

EF is today recognised as one of the leading organisations in implementing landscape project.

...But facing key challenges preventing impact at scale

There is insufficient supplier engagement in some of the projects: a stronger value proposition is needed.

Today collectively achieved outcomes cannot be individually reported by company against their KPIs (external and internal)

In some projects, downstream companies are not engaging sufficiently with their supply chain partners to join collective action.

Forest Footprint, No Deforestation Verification (NDV), Carbon projects: elements of sustainable sourcing that are not fully integrated into all landscape projects

The funding model not yet securing the required investment to scale up impact to the full landscape boundary.

Aggregated impact data







16

communities
with more
secure land title,
usufruct rights
or resource
access

5,335

farmers with improved resilience 15,033

workers with improved conditions at work



135,551

ha of key ecosystems protected from conversion & degradation



10,601

ha of key
ecosystems
under
restoration or
with enhanced
ecological
values



1,952

ha farmland improved



81

companies
implementing
'No
Deforestation,
No Peat
and No
Exploitation'



51

companies
with
'Traceability
to
Plantation'



People at the center

Visit

the Stories section

of our website to

meet them and hear

their voices.



In the following pages, we will provide an **overview of the results** of our collective efforts to transform production practices and deepen our impact on people and nature.

At the center of these collective actions are people:

women and men who farm their crops sustainably, children who benefit from improved protection, community members who act as guardians of endangered forests and unique biomes, and workers who share responsibility for creating fair working environments.



Tsay Keh Dene-led initiative, Canada



Commodities

Pulp & Paper

Size

3.2 million ha

Focus areas

British Columbia

Tsay Keh Dene Webpage

3M, Mars, Inc., Nestlé, and Earthworm Foundation are partnering with Tsay Keh Dene Nation – a First Nation in British Columbia, Canada to support their vision for sustainable management of their territory.



"Of all the rights recognized in the UN Declaration on the Rights of Indigenous Peoples (UNDRIP), Free, Prior and Informed Consent (FPIC) may be the most important for realizing the Tsay Keh Dene's vision of a sustainable future. FPIC is the foundation for reconciliation and empowering the Tsay Keh Dene people to become self-determining and self-reliant."

- Chief Pierre, Tsay Keh Dene Nation



■ I Tsay Keh Dene-led initiative, Canada – Supporters & Progress 2022

Financial supporters:



MARS



Project partners

Tsay Keh Dene Nation Chu Cho Environmental

Progress 2022



Establishment of the Ingenika Indigenous Protected and Conserved Area (IPCA), covering 79,220 ha of culturally and ecologically important land in the Ingenika River watershed.



A High Conservation

Value study was carried out for the establishment of the Chuyaza Conservancy, (24,675 ha).



Tsay Keh Dene Nation and Earthworm members are calling on forestry companies operating in the Nation's territory to respect the management rules put in place through the Nation's Forest Stewardship Framework



Aceh, Indonesia



Commodities

Palm Oil

Size

1,116,103 ha

Focus areas

- Aceh Singkil
- Subulussalam
- Aceh Selatan
- Aceh Tenggara

Aceh Webpage

Aceh hosts the Leuser
Ecosystem, which is home to
orangutans, tigers, elephants, and
rhinoceroses, as well as oldgrowth tropical forests and
carbon sinks. Earthworm
collaborates with consumer
goods companies sourcing raw
materials such as palm oil from
the area to motivate suppliers to
change their land use and
support rural communities in
finding alternative income
sources.

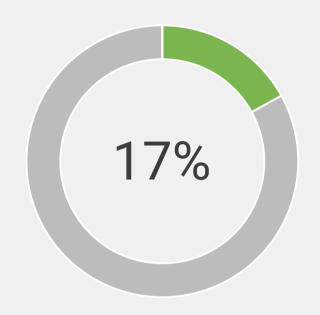


"Generating profits was our only focus. The partnership with Earthworm made us incorporate sustainability principles into our daily work and improve workers' safety and well-being. Clients are more eager to buy our products thanks to our enhanced reputation and continuous improvement."



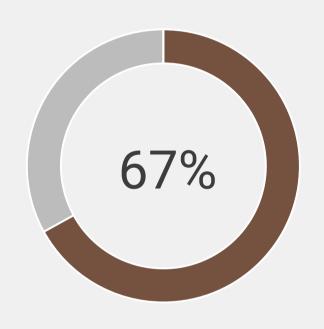
Aceh, Indonesia – Progress 2022





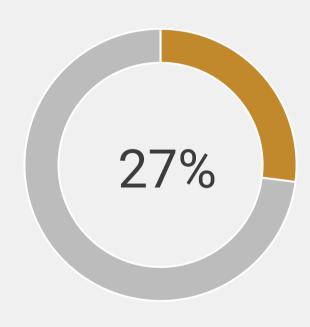
7,485 ha of forest

protected by 3 communities, representing 17% of our 2025 outcomes



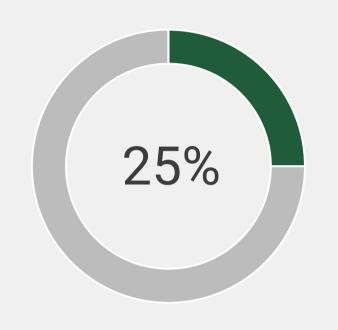
668 workers

directly impacted with improved working conditions



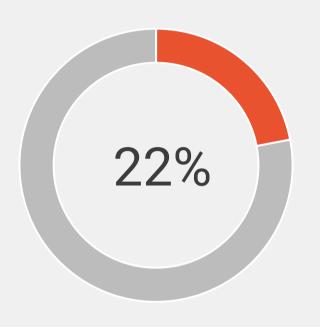
8 communities

with strengthened land tenure on 413 ha of land



13 stakeholders

from public, private sector and civil society developed one Collective Action Plan in Subulussalam to implement NDPE in the district's oil palm sector



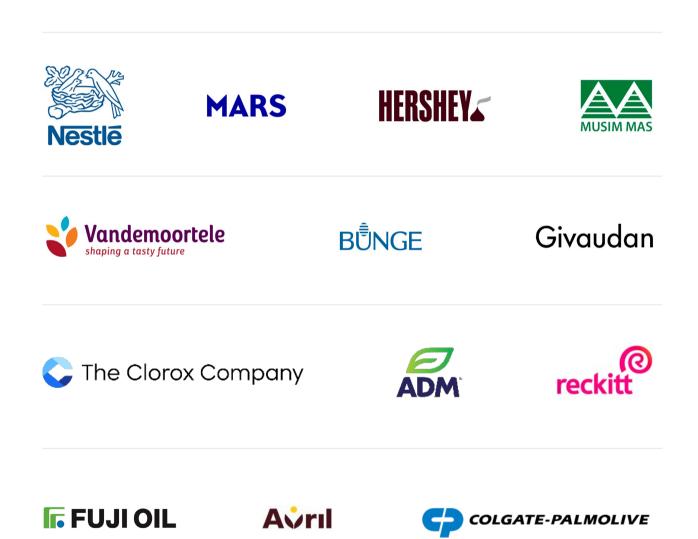
222 smallholders

improved their livelihoods



Aceh, Indonesia – Supporters & Partners

Financial supporters:



Project partners

Subulussalam city government

National Land Agency

PT Asdal Prima Lestari

PT. Laot Bangko

Sadakata Farmers' Cooperative

Land College Aceh Singkil

Sultan Daulat Farming Technical High School



Riau, Indonesia



Commodities

Palm Oil | Pulp & Paper

Size

8,297,525 ha

Focus areas

- Bengkalis
- Siak
- Pelalawan
- Indragiri Hulu

Riau Webpage

Riau is a major producer of palm oil and paper, but its protected areas are still vulnerable to exploitation by industries and smallholders. Despite government efforts, it's essential for all parties to collaborate to ensure that production is sustainable. Earthworm plays a vital role in this effort by promoting responsible practices through collective action initiatives.



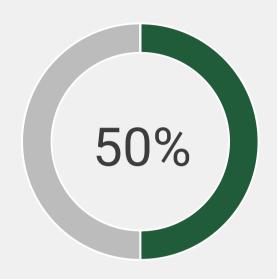
"Replanting old oil palm trees ensures long-term farmer livelihoods, but many farmers delay due to a 3-4 year fruitless period affecting income. Earthworm supported farmers with alternative incomes, resulting in 642 ha replanted in 2022 under the EF program. Together with 6 cooperatives, EF identified corn as an ideal intercrop for intercropping with oil palm. Consequently, a farmer corporation was created to pilot corn farming. With a 67,000 USD investment, 30 ha of corn is expected to yield 135,000 - 225,000 USD through this alternative livelihood program."

- Member of the Earthworm Team in Riau

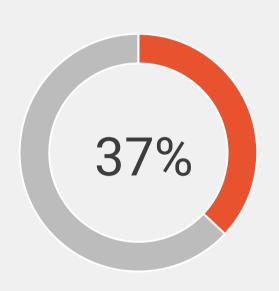


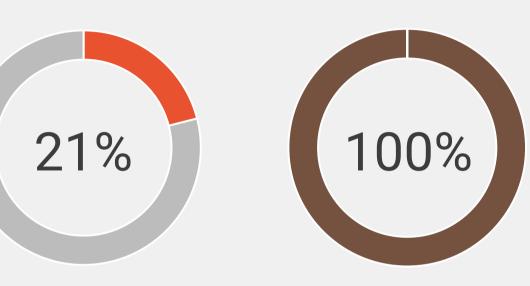
Riau, Indonesia – Progress 2022

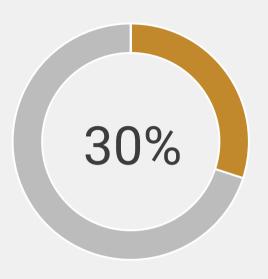
2025 Outcomes Progress 2022



16%







2 Collective Action Plans

were approved in 2022 by district governments, NGOs, companies, villages, and educational institutions. These CAPs oversee about 75,863 Ha of forest and map smallholder plantations in forest zones.

9,668 ha

of forest areas protected outside concession- That's 16% of our 2025 outcomes.

914 farmers

adopt Good Agricultural and Best Management Practices

642 ha

replanted by 321 farmers

11,662 workers

were indirectly impacted through direct work with 16 companies

3 at-risk communities

have developed effective conflict resolution systems



Riau, Indonesia – Supporters & Partners

Financial supporters:

















Project partners

Pelalawan district Government

Peranap sub-district Government

Indragiri Hulu district government

Siak district Government

PT Surya Bratasena

High School Pangkalan Kuras

Bogor Agricultural Institute (IPB)

Universitas Riau

PT. Mitra Agung Swadaya

PT. Muara Agro Lestari (farmer corporation)

PT Petani Bumi Makmur (farmer corporation)

APRIL

Villages of Surya Indah, Sialang Indah, Sidomukti , Harapan Jaya., Punti Kayu, Pandan Wangi, Pulau Muda, Teluk Meranti, Beringin Indah, Air Hitam, Bagan Limau, Tasik Serai, Pelalawan, Bandar Jaya, Bencah Umbai, Lubuk Umbut, Semelinang Tebing, Tasik Betung, and Dayu

SCFS, Malaysia



Commodities

Palm Oil

Size

1,631,842 ha

Focus areas

- Pahang
- Johor
- [Rompin, Pekan, Kota Tinggi and Segamat]

SCFC Webpage

The group of forest complexes known as the Southern Central Forest Spine (SCFS) is host to critical wildlife corridors and flora and fauna species. Significant land conversion to palm oil plantations since the 1980s has resulted in a fragmented forest ecosystem and caused land- and workers-rights-related issues. We work closely with a diverse group of partners to address these pressing issues.

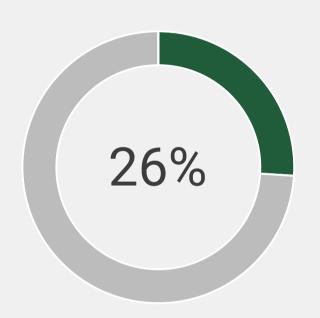


"My indigenous community in Sg. Mok, Rompin, Pahang is closely tied to the land and struggles with land rights and deforestation threats, especially since we are adjacent to the Rompin state park. We rely on the forest for sustenance and spiritual nourishment. To address these issues, our committee is documenting ancestral lands and exploring income sources such as eco-tourism. Earthworm is helping us protect our land through community mapping, with efforts extending into 2023 for robust land planning."



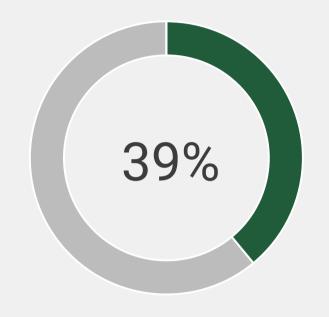
SCFS, Malaysia – Progress 2022

2025 Outcomes Progress 2022



26% of PO mills

are 100% traceable to plantations



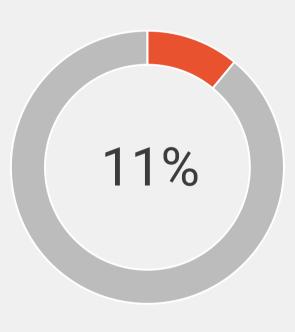
38.5% of PO mills

have action plans to address NDPE



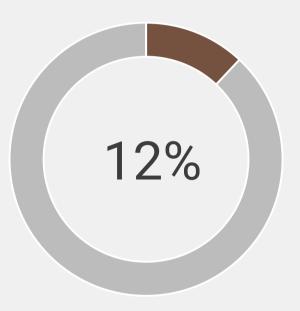
67% reduction

in deforestation in the landscape's key sensitive areas



206 engaged farmers

to improve their livelihoods



274 workers directly

and 1,934 workers indirectly impacted with improved welfare & working conditions



■ I SCFS, Malaysia – Supporters & Partners

Financial supporters:



FUJI OIL







Project partners

IOI Group

Malaysian Palm Oil Board

Malaysian Palm Oil Certification Council

Management and Ecology of Malaysian Elephants (MEME)





Sabah, Malaysia



Commodities

Palm Oil | Rubber Forestry/Logging

Size

2,340,949 ha

Focus areas

- Beluran
- Kinabatangan
- Lahad Datu
- Telupid
- Tongod

Sabah Webpage

Sabah is home to many species, including Bornean Pygmy Elephants, Orangutans, and Rafflesia flowers. It also has a large area of oil palm plantations. Since 2011, Earthworm has been working in Sabah to address issues such as smallholder resilience, biodiversity conservation, and workers' welfare.



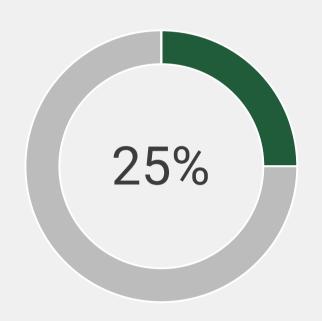
"Ending forced and child labour is urgent and can't solely rely on government agencies. Palm oil companies, trade unions, and civil societies must collaborate to meet our goals. Earthworm has teamed up with the Sabah Labour Department to enact the National Action Plan on Forced Labour, targeting child labor in Sabah's palm oil industry."

- Director of Sabah Labour Department



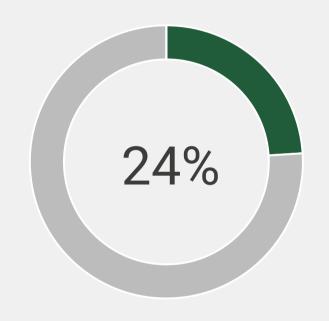
■ I Sabah, Malaysia – Progress 2022

2025 Outcomes Progress 2022



25% of PO mills

(23 mills) are 100% traceable to plantations



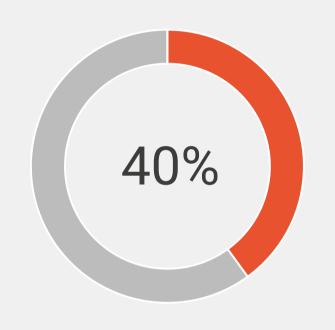
23.7% of PO mills

committed to time bound action plans to address NDPE issues.



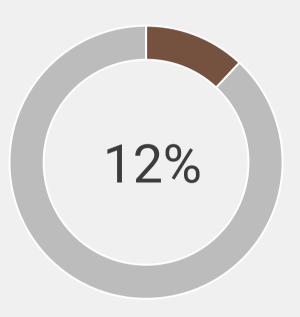
9,547 ha

of elephant ranging area currently being managed



2,054 smallholders

reached of which 513 are improving their livelihoods



486 children

benefited from the completion of the Child Risk Assessment Framework pilot



■ I Sabah, Malaysia – Supporters & Partners

Financial supporters:



Project partners

KLK Sawit Nusantara

Malaysian Palm Oil Board

Sabah Wildlife Department

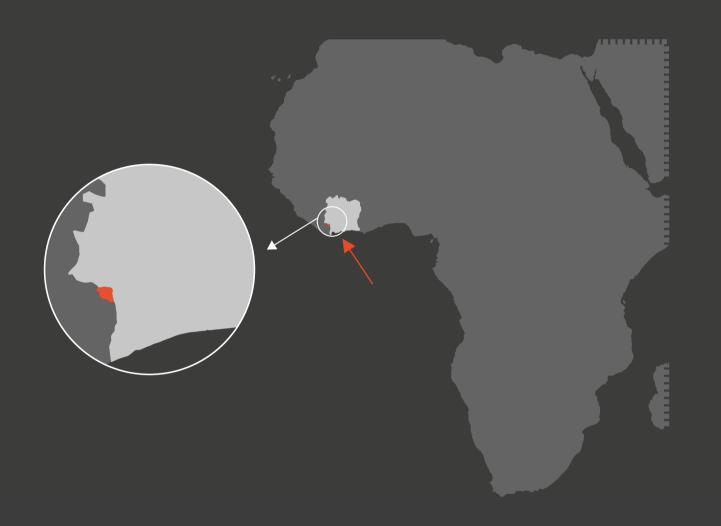
Seratu Aatai

MEGES Nature Farm Enterprise

Agrovet Citra Trading



Cavally, Côte d'Ivoire



Commodities

Cocoa

Size

144,311 ha

Focus areas

Cavally region

Cavally Webpage

The Cavally Forest Reserve covers an area of 67,541 ha and is home to endangered species such as chimpanzees and pygmy hippos. Our goal is to restore the Cavally Forest and its key habitats while also working to enhance the resilience of local farmers.



"During the final months of phase one, our top priority is to meet the planned targets for all objectives and collect data to measure and report on impact. We are also preparing for phase 2 of the project by meeting with several partners on the ground. In early 2023, a delegation from Touton visited our field activities. Our EF field team also met with Cocoa source and their cooperative, Ocean, to review progress and discuss future collaboration. Additionally, we have engaged with CHC (Cavally Rubber Company) to explore opportunities for working together in phase 2, as the extended scope includes rubber. Finally, the team from the DRCF (Regional Direction of Forest Cadaster) of the Ministry of Water and Forests conducted a visit to monitor and evaluate the Cavally project."

- Senior Manager at Earthworm



■ I Cavally, Côte d'Ivoire – Supporters & Progress 2022

Financial supporters:



Project partners

Ministère des Eaux et Forêts

SODEFOR

Communities on the outskirts of the Cavally Forest Reserve

Cavally Regional Council, Subprefect of Zagné

Progress 2022



36 192 ha of preserved forest since Q1 2018



3 new partners are adopting Cavally landscape vision by joining the phase 2



6 959 ha naturally regenerated since Q1 2020



413 people ongoing coaching transitioning to new sources of revenue other than production in the forest

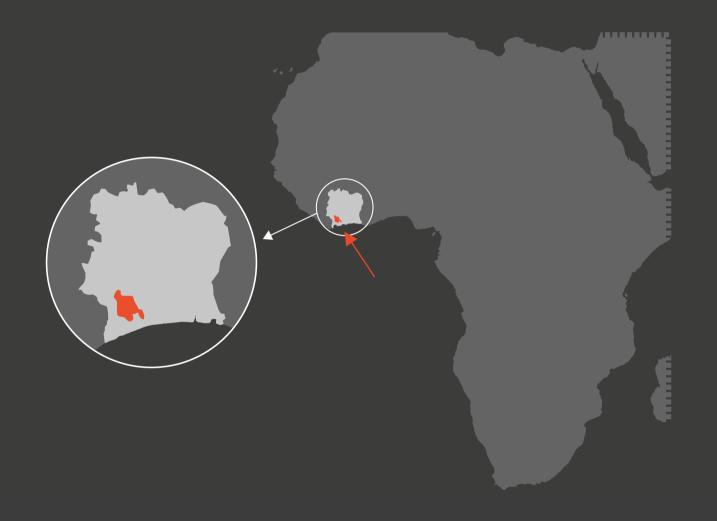


112 farmers involved in agroforestry in 117 plantations (187 ha)



306 people are continuously coached and monitored on nurseries' activities

Soubré, Côte d'Ivoire



Commodities

Cocoa | Palm oil

Size

977,565 ha

Focus areas

Nawa
 [Soubré, Méagui, Gueyo, Buyo]

Soubre Webpage

Soubré is the largest cocoaproducing region in Côte d'Ivoire. About 40% of the cocoa in the country is grown there. The region has several protected areas threatened by cocoafarmers, who rely on the land for income, due to poverty. Finding a balance between providing livelihoods for farmers and reducing pressure on forests is the main focus of our work in Soubré.



"I'm a farmer from Okrouyo in the Soubré Region. I had to renew my oil palm plot as it was no longer productive. Unfortunately, there's limited access to quality seedlings in our area. The National Center for Agronomic Research is located far away, and there's a high demand for their seedlings. Earthwom offered us the opportunity to register our interest and directly discuss with the National Center for Agronomic Research to help us get access to quality seeds. With their advice, I was able to replant 2 hectares of my plot, and over the next 4 years, I will continue to renew my entire plantation of 8 hectares."



■ I Soubré, Côte d'Ivoire – Supporters & Progress 2022

Financial supporters:





Givaudan



Project partners

SODEFOR

MINEF

SIPEF-CI

Care

COOPAGRIS (cooperative)

COOPALM (cooperative)

Gory Scoops (cooperative)

CPAY (cooperative)

ECASO (cooperative)

UEPAO (cooperative)

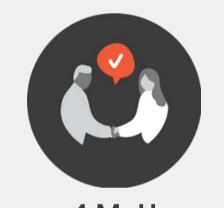
SCOPACI (cooperative)

CNIBO (cooperative)

SOCAGS (cooperative)

COLOMBE IVOIRE

Progress 2022



4 MoU signed with cooperatives



731 farmers reached





369 women have access to finance



1 maintenance activity undertaken to facilitate the restoration and monitoring of 2 zones by communities



Longitudinal Landscape, Peru



Commodities

Palm Oil | Cocoa

Size

6.5 million ha

Focus areas

- San Martin
- Loreto
- Ucayali

Longitudinal Webpage

The Longitudinal Landscape area is a biodiversity hotspot that contains six critical protected areas. It has been a focus area for agricultural development in recent years, resulting in 2 million ha of forest loss between 2001 and 2018 and various active social conflicts. We use the landscape approach to leverage the influence of value chain actors to drive change.



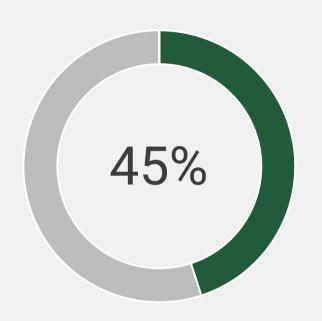
"I manage a 56-hectare farm in Padre Abad (Ucayali), having moved here young for a better life. I cultivate oil palm on 7 ha, yielding 17 tons per hectare annually. My family engages in fish farming with three pools, two active, housing 4,000 fish. We also grow cocoa (4 ha) and citrus (0.63 ha). Committed to conserving 15 ha of forest and 7 ha riverside, we've collaborated with Earthworm Foundation and UNDP on the Holistic Farm Plans and the HCS/HCV Farm Management Plan."

- Smallholder based in the province of Padre Abad (Ucayali



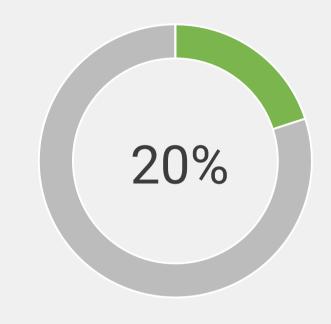
■ Longitudinal Landscape, Peru – Progress 2022

2025 Outcomes Progress 2022



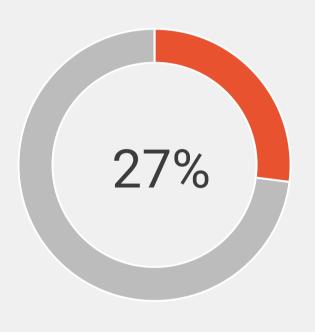
9 local companies

are adopted no deforestation, no peat and no exploitation policies



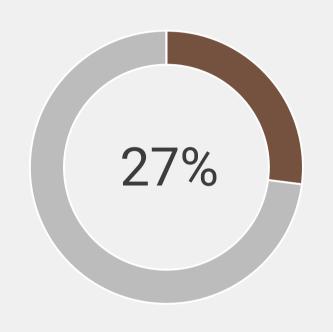
404 ha

of key ecosystems covered by management plans



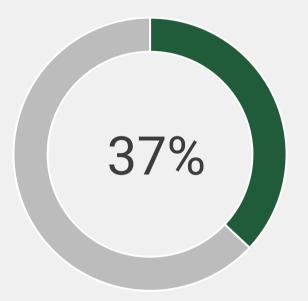
1,373 farmers

reached to increasing their resilience



80 workers

with improved working conditions



3 local stakeholders

are implementing sustainability initiatives



■ Longitudinal Landscape, Peru – Supporters & Partners

Financial supporters:



Schweizerische Eidgenossenschaft Confédération suisse Confederazione Svizzera Confederaziun svizra

Swiss Agency for Development and Cooperation SDC



Project partners

Alicorp

HELVETAS

OLAMSA

Gobierno Regional de Ucayali

Gobierno Regional San Martin

ASPASH

ECOM

CHOBA CHOBA

Central cacaoteros de Curimana

Reforesta Perú

SUMAQAO

Coalición por una Producción Sostenible

Cooperativa Agraria de Cacao Aromatico Colpa de Loros

Cooperative Agroindustrial ASPROC-NBT LTDA

Indolmasa

Acopagro

Earth Innovative Institute

Municipalidad Provincial de Tocache

Sociedad Peruana de Ecodesarollo

Cooperativa Agraria Apahui

Solidaridad

Comite Central de Palmic ultores de Uacayali (COCEPU)

Proforest

Tropical Forest Alliance



Chiapas, Mexico



Commodities

Palm Oil

Size

7,342,942 ha

Focus areas

- La Encrucijada
- Marques de Comillas

Chiapas Webpage

Chiapas produces nearly half of Mexico's palm oil, with 90% of farmers being smallholders. The state is also second in the country in terms of biodiversity and forest cover. We work in Chiapas to protect nature while addressing poverty, commodity price changes, and low productivity.

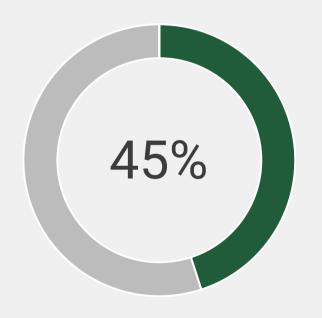


"EF's main challenge in Mexico has been to shift the perspective of the mills and small-scale farmers in the supply chain regarding sustainability. To achieve this, EF has been working to encourage government collaboration with mills and support farmers in diversifying their crops while implementing best practices in palm, cocoa, and livestock. EF has also been promoting the implementation of the HCS and HVC protocols with mills. Though the road to sustainability is a long one, it has already begun and its impacts will soon be visible."



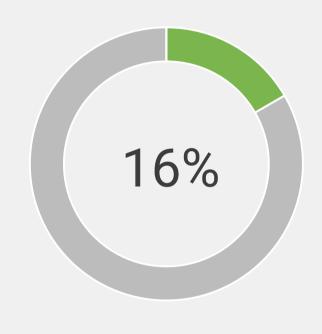
□ Chiapas, Mexico − Progress 2022

2025 Outcomes Progress 2022



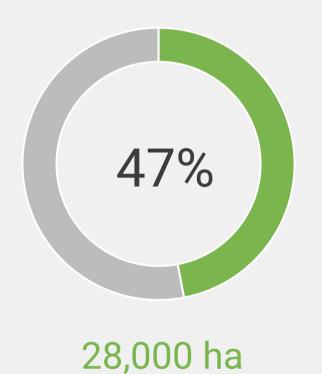
are implementing nodeforestation policies and action plans

5 mills

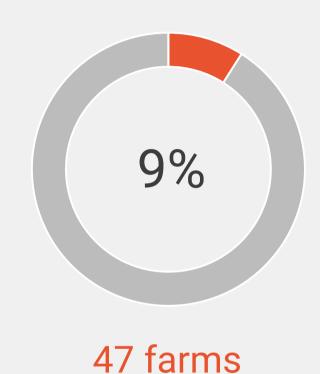


of mangroves restored and monitored

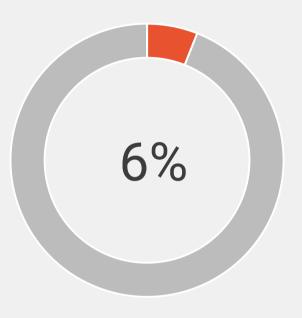
16 ha



(core area of reserve) free from encroachment to date

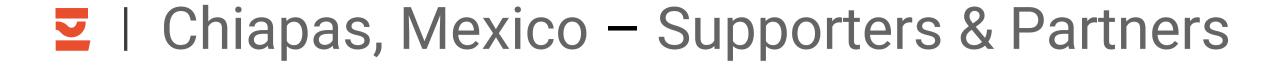


have implemented holistic farm plans



implementing regenerative agricultural practices

54 farmers



Financial supporters:



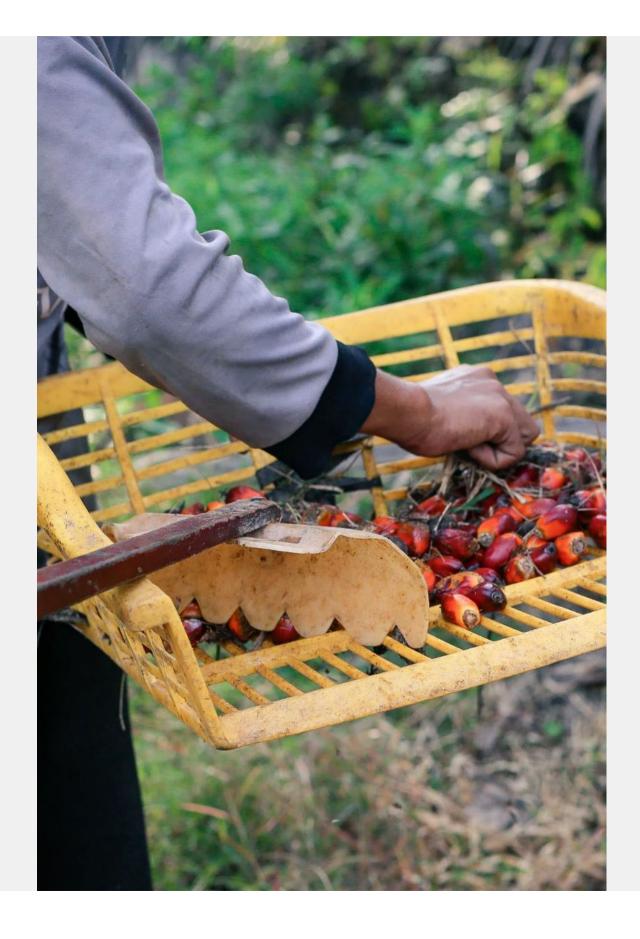


Project partners

ESI A. C.

Oleofinos

Reserva de la biósfera La Encrucijada



Tomé-Açu Landscape, Brazil



Commodities

Palm Oil | Cocoa

Size

2.3 million ha

Focus areas

- Acará, Concórdia do Pará
- Moju
- Tailândia
- Tomé-Açu

Tomé-Açu Landscape Website

The Tomé-Açu micro-region in Brazil faces conflicts over land rights and the expansion of commodity supply chains in the Amazon biome. To address these challenges, we adopt a rights-based approach to promote conflict-free supply chains with a positive impact on nature



"Thanks to our extensive field presence, we were able to establish a network of small rural businesses. Additionally, we successfully gained the trust of smallholders. We have also recognized that the involvement of rural businesses is crucial in order to foster a more inclusive participatory process. ."



■ I Tomé-Açu Landscape, Brazil – Supporters & Progress 2022

Financial supporters:



Givaudan





Project partners

Pará State Government

Tomé-Açu City Government

Federal University of Pará

Polytechnic institute of Pará

Belem Bio Energia

CAMTA Farmers' Cooperative

ICRAF

TNC

IPAM

EMBRAPA

Agropalma

Progress 2022



Engaged 3 different refineries

within the NDPE Policies, Deforestation free supply chain, Traceability to plantation completed, Grievance and Conflict resolution process working, Assessment of Human Rights.



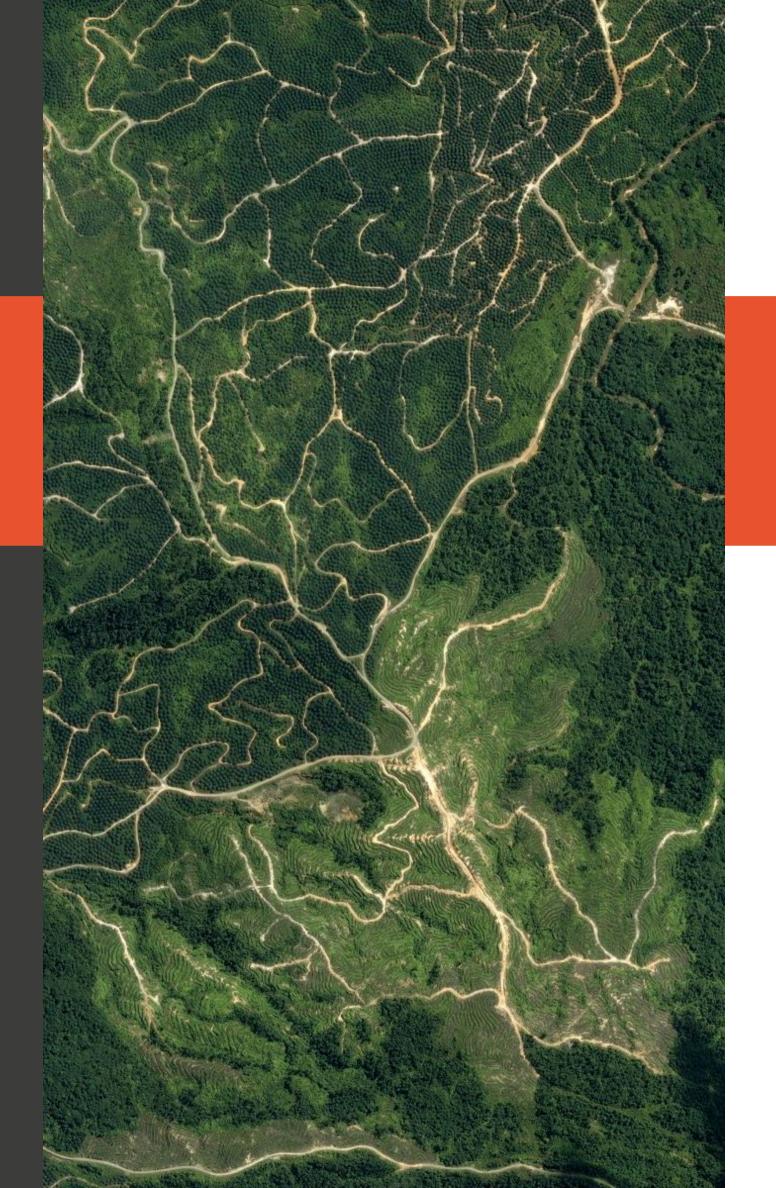
173,200 ha benefit from land management initiatives.



400 farmers engaged and 120 women trained in Leadership.

Looking forward:

next steps for the landscape programme



What does the future hold for landscapes?

Our vision is to leverage the achievement and lessons learnt to date to strengthen existing projects as well as launching new landscapes where relevant to continue increasing positive impacts.

By doing this, the programme will accelerate the creation of sustainable, nature and people positive landscapes in key sourcing regions across the globe.

Thank you! Get in touch with us:

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Giacomo Tabacco Landscapes Engagement Manager g.tabacco@earthworm.org