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

- **Canada**
  - Tsay Keh Dene
  - Pulp & Paper

- **Mexico**
  - Chiapas
  - Palm Oil

- **Peru**
  - Longitudinal Landscape
  - Palm Oil
  - Cocoa

- **Brazil**
  - Tome Açu
  - Palm Oil
  - Cocoa

- **Côte d'Ivoire**
  - Cavally
  - Cocoa
  - Rubber
  - Soubre
  - Cocoa
  - Palm Oil

- **Indonesia**
  - Aceh
  - Palm Oil
  - Rubber
  - Riau
  - Palm Oil
  - Pulp & Paper

Legend:
- EF leads the programme
- Communities or other partners led landscapes
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

Earthworm Foundation
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'
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.

Visit the Stories section of our website to meet them and hear their voices.
"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

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.

**Commodities**
- Pulp & Paper

**Size**
- 3.2 million ha

**Focus areas**
- British Columbia

[Tsay Keh Dene Webpage](#)
Financial supporters:

Tsay Keh Dene Nation
Mars
3M

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

"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."

- Representatives of PT Asdal Prima Lestari

Aceh hosts the Leuser Ecosystem, which is home to orangutans, tigers, elephants, and rhinoceroses, as well as old-growth 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.

Commodities
Palm Oil

Size
1,116,103 ha

Focus areas
- Aceh Singkil
- Subulussalam
- Aceh Selatan
- Aceh Tenggara

Aceh Webpage
Aceh, Indonesia – Progress 2022

- 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.
- 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.
- 222 smallholders improved their livelihoods.

Earthworm Foundation
Financial supporters:

- Nestlé
- MARS
- HERSHEY
- MUSIM MAS
- Vandemoortele
- BÜNGE
- Givaudan
- The Clorox Company
- ADM
- Reckitt
- FUJI OIL
- Avril
- Colgate-Palmolive

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

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.

Commodities
- Palm Oil
- Pulp & Paper

Size
8,297,525 ha

Focus areas
- Bengkalis
- Siak
- Pelalawan
- Indragiri Hulu

🔗 Riau Webpage

“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

- 50% 16% 37%
- 2025 Outcomes Progress 2022

- 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.

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Earthworm Foundation
## Riau, Indonesia – Supporters & Partners

### Financial supporters:

- PZ Cussons
- Nestle
- Reckitt
- Colgate-Palmolive
- LVMH
- Johnson & Johnson
- Walmart.org
- Oleon

### 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

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.

Commodities
Palm Oil

Size
1,631,842 ha

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

SCFC Webpage

“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.”

- Indigenous Community Member
SCFS, Malaysia – 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.
- **100%** of mills to improve their livelihoods.
- **206 engaged farmers**
- **11%** directly and **1,934 workers indirectly** impacted with improved welfare & working conditions.
- **274 workers directly** and 1,934 workers indirectly impacted with improved welfare & working conditions.

Earthworm Foundation
Financial supporters:

- Nestlé
- FUJI OIL
- Ferrero
- Hershey's
- Cargill

Project partners:

- IOI Group
- Malaysian Palm Oil Board
- Malaysian Palm Oil Certification Council
- Management and Ecology of Malaysian Elephants (MEME)
Sabah, Malaysia

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.

**Commodities**
- Palm Oil
- Rubber
- Forestry/Logging

**Size**
2,340,949 ha

**Focus areas**
- Beluran
- Kinabatangan
- Lahad Datu
- Telupid
- Tongod

“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

[Sabah Webpage]
Sabah, Malaysia – Progress 2022

- 2,054 smallholders reached of which 513 are improving their livelihoods
- 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.
- 100% of elephant ranging area currently being managed
- 40% of PO mills committed to time bound action plans to address NDPE issues.
- 2,054 smallholders reached of which 513 are improving their livelihoods
- 486 children benefited from the completion of the Child Risk Assessment Framework pilot
- 9,547 ha of elephant ranging area currently being managed
Financial supporters:

- reckitt
- ADM
- 101 GROUP
- Johnson & Johnson
- COLGATE-PALMOLIVE
- Nestlé
- Givaudan
- GROUPE ROCHER

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

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.

Commodities
Cocoa

Size
144,311 ha

Focus areas
- Cavally region

🔗 Cavally Webpage

“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
Financial supporters:

Project partners

Ministère des Eaux et Forêts
SODEFOR
Communities on the outskirts of the Cavally Forest Reserve
Cavally Regional Council, Sub-prefect of Zagné

Progress 2022

36 192 ha of preserved forest since Q1 2018
6 959 ha naturally regenerated since Q1 2020
112 farmers involved in agroforestry in 117 plantations (187 ha)

3 new partners are adopting Cavally landscape vision by joining the phase 2
413 people ongoing coaching transitioning to new sources of revenue other than production in the forest
306 people are continuously coached and monitored on nurseries’ activities
Soubré, Côte d’Ivoire

Soubré is the largest cocoa-producing region in Côte d’Ivoire. About 40% of the cocoa in the country is grown there. The region has several protected areas threatened by cocoa farmers, 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.

Commodities
- Cocoa
- Palm oil

Size
977,565 ha

Focus areas
- Nawa
  [Soubré, Méagui, Gueyo, Buyo]

“‘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. Earthworm 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.’”

- Farmer from Okrouyo in the Soubré Region
Financial supporters:

- GODIVA
- platis
- Givaudan
- PRO TRADE AC

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
- 132 farmers have replanted their farms
- 369 women have access to finance
- 1 maintenance activity undertaken to facilitate the restoration and monitoring of 2 zones by communities
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.

Commodities
Palm Oil | Cocoa

Size
6.5 million ha

Focus areas
- San Martin
- Loreto
- Ucayali

Longitudinal Webpage

“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)
Earthworm Foundation

Longitudinal Landscape, Peru – Progress 2022

- 80 workers with improved working conditions
- 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

2025 Outcomes

Progress 2022

45%
20%
27%
27%
37%
### Financial supporters:

- Alicorp
- HELVETAS
- OLAMSA
- Gobierno Regional de Ucayali
- Gobierno Regional San Martin
- ASPASH
- ECOM
- CHOBA CHOBA
- Central cacaoteros de Curimana
- Reforesta Perú
- SUMAQAO

### Project partners

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<td>Alicorp</td>
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<td>Solidaridad</td>
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<td>Comite Central de Palmiculadores de Uacayali (COCEPU)</td>
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<td>Proforest</td>
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Chiapas, Mexico

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.

Commodities
Palm Oil

Size
7,342,942 ha

Focus areas
- La Encrucijada
- Marques de Comillas

Chiapas Webpage

“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.”

- Earthworm's head of Chiapas Landscape
Chiapas, Mexico – Progress 2022

- 45% of 5 mills are implementing no-deforestation policies and action plans.
- 16% of 16 ha of mangroves restored and monitored.
- 47% of 28,000 ha (core area of reserve) free from encroachment to date.
- 9% of 47 farms have implemented holistic farm plans.
- 6% of 54 farmers implementing regenerative agricultural practices.

Earthworm Foundation
Financial supporters:

- ESI A. C.
- Oleofinos
- Reserva de la biosfera La Encrucijada

Project partners
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.

Commodities
- Palm Oil
- Cocoa

Size
2.3 million ha

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

“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.”

- Tomé-Açu Landscape Coordinator

Tomé-Açu Landscape Website
Tomé-Açu Landscape, Brazil – Supporters & Progress 2022

Financial supporters:

- Cargill
- Givaudan
- altereco FOUNDATION
- BRANDS4 SUSTAINABILITY

Project partners

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<td>IPAM</td>
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<td>Polytechnic institute of Pará</td>
<td>EMBRAPA</td>
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<td>Belem Bio Energia</td>
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<td>CAMTA Farmers’ Cooperative</td>
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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:

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.

next steps for the landscape programme
Thank you!

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