



Wild Asia's SPIRAL Programme

Accelerating regenerative agriculture in oil palm to improve farm profitability, ecosystem services and carbon sequestration

Wild Asia @ the SPOD EU Innovations Fair

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Contents

The Problem	3
Our Solution	3
Scalability	3
Measuring Success	4
Our Participation at the Innovations Fair	5
About Wild Asia	5



The Problem

Deforestation and forest degradation are major contributors to global emissions. Oil palm is one of the main drivers of this trend, accounting for 5% of global deforestation¹. The loss of natural forests has been a growing concern since the 1970s, and while voluntary commitments have been made to combat it, a new law in the EU marks a major milestone in the fight against deforestation². Whilst we will see an increasing investment on solutions, we believe that smallholders are the key to making deforestation-free a reality. We have an approach to meeting NDPE compliance that focuses on reversing deforestation and creating positive models for sustainable production.

Our Solution

At Wild Asia, we believe that the solution lies in adopting less intensive agriculture practices that reduce carbon emissions and increase the potential for farms to remove carbon through sequestration. By creating a **"living lab"** that brings together the palm oil industry, producers, and technology partners, we are providing a foundation for early adopters to implement this new approach.

The "living lab" will:

- ✓ Increase the carbon stocks per farm area through BIO intensification (less soil disturbances and crop diversification);
- ✓ Create direct incentives for farmers to adopt biodiversity-friendly practice;
- ✓ Creates other opportunities to enhance farm profitability through crop diversification (inter-crops, agroforestry);
- ✓ Creates a long-term partnerships between brands and producers that meets NDPE compliance and encourages sustainable production.



Scalability

Our solution is **practical and scalable**. Our "living lab" is already enabled through partnerships within the palm oil value chain. Our "BIO intensification" approach targets Wild Asia's existing **network of oil palm producers** in Malaysia (and Thailand). We have already seen a **positive impact** on soils, improved plant

¹ [EPOA, 2022](#)

² [EU Green Deal, 2022](#)



health, and yields, all at a lesser cost to the farmers. Our work has also extended from smallholders to **estate trials**, and this supports our strategy to scale. Our **technical partners** are currently piloting methods to validate carbon gains, and we are working on a workable solution that enables the reporting and incentives for carbon-positive farms from within the supply chain.

Measuring Success

Success for us looks like an increase in the number of farms practicing "regenerative oil palm" approaches, and the validation of carbon gains across the farms. We will see an increase in the volume of palm oil with "low-carbon," "smallholder inclusivity," and "certified oil palm" that are flowing into global consumer goods products. Our solution creates more value for farmers and has a positive impact on communities and the ecosystem where these oil palms are cultivated.

SPIRAL an example of palm oil value chain partnerships



17 partners
(2022)

SPIRAL or, **Small Producer Inclusivity and Resilience Alliance**, is a platform that we created to cultivate partnerships within the **palm oil value chain** (from FMCGs, product manufacturers, refiners, mills, and dealers).

SPIRAL partners provide **grants** or create **working models** to increase the direct opportunities with WAGS-supported producers in the procurement of palm oil products.

SPIRAL partners support the growth and expansion of WAGS, including the continued support for **WAGS BIO** demo farms, not just among the smallholders but larger estates too.

SPIRAL partners include FMCGs, palm oil processors (refiners, mills), oil palm traders and tech partners (research or tech solutions)

L'ORÉAL

Kellogg's

PEPSICO

seventh generation

SARAYA

Cargill

wilmar

FUJI OIL

Sam's Club

GENTING PLANTATIONS

ULULA

UK Centre for Ecology & Hydrology

CarbonSpace

MERIDIA

SPIRAL a "Living Lab for Sustainable Production"



SPIRAL
Small Producer
Inclusivity Alliance

SPIRAL enables the scaling up of **traceable, certified and biodiverse farms** within the **Palm Oil Value Chain**.



SPIRAL Partnerships for Inclusivity & Regenerative Agriculture

Palm Oil Buyers	Refiners	Mills	WAGS
Smallholder inclusivity RSPO certified palm oil Location of farming production	Traceability, Inclusivity and Climate Reporting	Traceability, Inclusivity and Climate Reporting	RSPO Certified Farmer Farmer Identity Farm(s) Boundaries
Verified carbon removals			BIO Farm Education Carbon Monitoring

Sustainability Reporting & Impact Measurements

Sustainable Production



Our Participation at the Innovations Fair

Wild Asia is a unique social enterprise that was founded in Malaysia. Over the last 20 years, we have demonstrated the ability to innovate and seek solutions to encourage sustainable production in oil palm. By participating in the Innovations Fair, we hope to reach out to the very companies we want to see supporting our "living lab" and seek new partners that could help us scale and expand regenerative agriculture in oil palm. We have an approach to meeting NDPE compliance that focuses on reversing deforestation and creating positive models for sustainable production. This will be a critical solution for many production regions where oil palm is a major economic product.

👉 [Learn more](#): how can inclusive and sustainable smallholders transform the palm oil industry

We confirm that:

- ✅ we can be present at the Innovation Fair at the Sustainable Palm Oil Dialogue on 14 June 2023 in Frankfurt, Germany;
- ✅ You are free to showcase our idea on the Sustainable Palm Oil Choice website;
- ✅ We will be up to pitch during the SPOD breakout session on Innovation on 14 June.

About Wild Asia

Wild Asia was first established in 2003 in Malaysia as a **social enterprise**. Wild Asia's mission is to inspire change from within the private sector, through partnerships with businesses, to support initiatives that shape a better future for our environment, biodiversity, and people. Wild Asia has been working over the last decade to understand the principles of sustainable production by educating producers and supporting their efforts towards RSPO certification. This has involved supporting some of the largest oil palm producers and agri-businesses to extend the area under RSPO certification. Through our work with small producers, we have gained the confidence and expertise to develop new models for oil palm that enhance biodiversity and are ultimately more profitable. It is on this experience that the current approach for improving livelihood, biodiversity and resilience has been built. Over the coming years, we see a pathway towards creating a unified programme, on-the-ground, to deliver sustainable production in palm oil that can reach global scale.

👉 **Learn More** about Wild Asia and our SPIRAL Programme: <http://oilpalm.wildasia.org/spiral/>

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