

A close-up photograph of dark green, elongated leaves with prominent veins. Several small, clear water droplets are visible on the leaf surfaces, reflecting light. The background is a deep, dark green, creating a moody and naturalistic atmosphere.

# RIZOMA

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**COMPANY BRIEF**

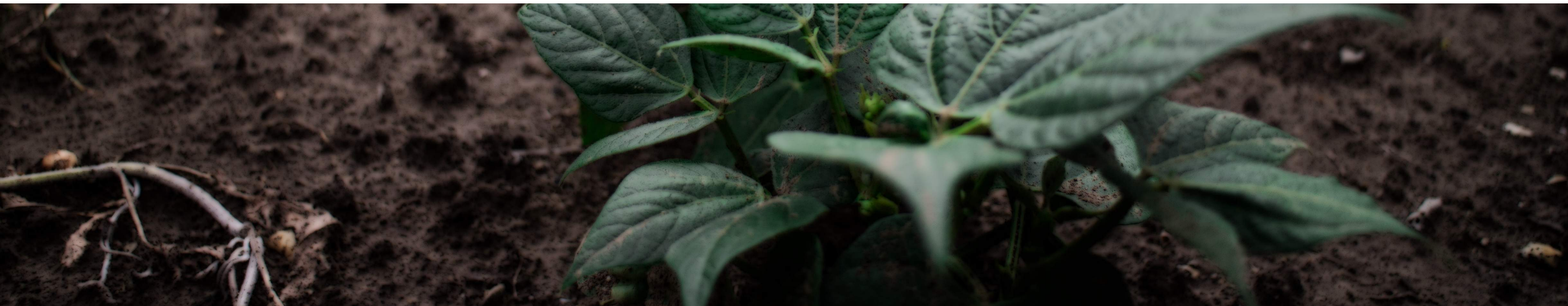
DEC18

# Fast Facts Rizoma

- Regenerative organic crop/livestock/fruit production company
- Based out of São Paulo, Brazil
- Spun-off from Fazenda da Toca (Brazil's largest organic eggs producer)
- Started research in 2013, company born 2018
- 18/19 1st year production ~ 5.000tons soy/corn 1000 cattle
- 19/20 target 25.000 tons ~ 6000 cattle
- *Adolescence* in 5 years ~ 100.000 hectares (soy/corn/cattle/fruit/diverse crops/"real food")
- *Maturity* in 10 years ~ 160.000 hectares
- Vision: 1 million hectares of regenerative organic agriculture in Brazil



**There's a way to farm  
that is good for the environment  
and very profitable.**



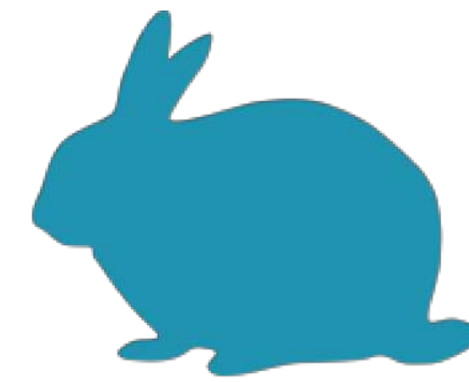
## Regenerative Organic agriculture:

- **ecologically conscious**
  - retains water
  - sequesters carbon
  - builds biodiversity
- **humane handling**
- **socially responsible**
- **economically viable**

### Mammals

1,199

THREATENED SPECIES  
26% OF DESCRIBED SPECIES



### Birds

1,373

THREATENED SPECIES  
13% OF DESCRIBED SPECIES



### Insects

993

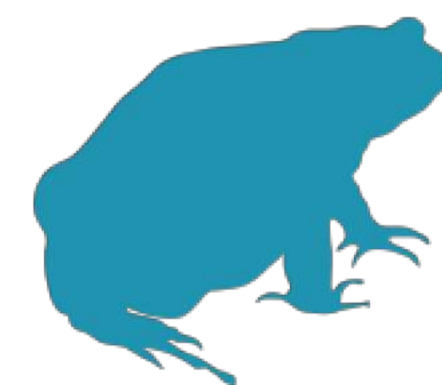
THREATENED SPECIES  
0.5% OF DESCRIBED SPECIES



### Amphibians

1,957

THREATENED SPECIES  
41% OF DESCRIBED SPECIES



Source: Nature Magazine, Vol516, Dec.2014



- Cover Crops
- Low/no till
- Integrated systems
- Strong soil biology

# Brazil



Total area  
**851**  
MILLION HECTARES

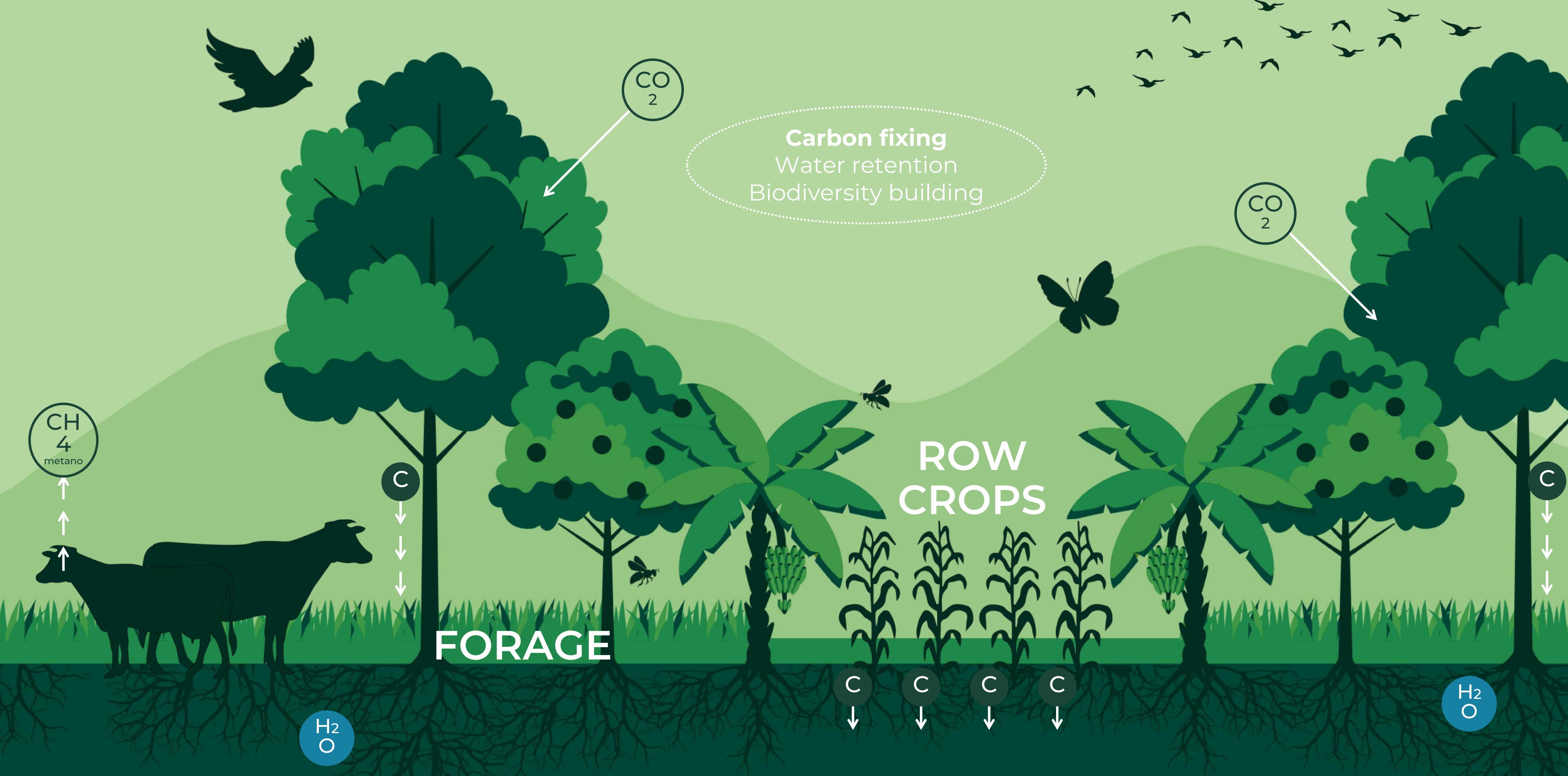


Productive  
land  
**280**  
MILLION HECTARES

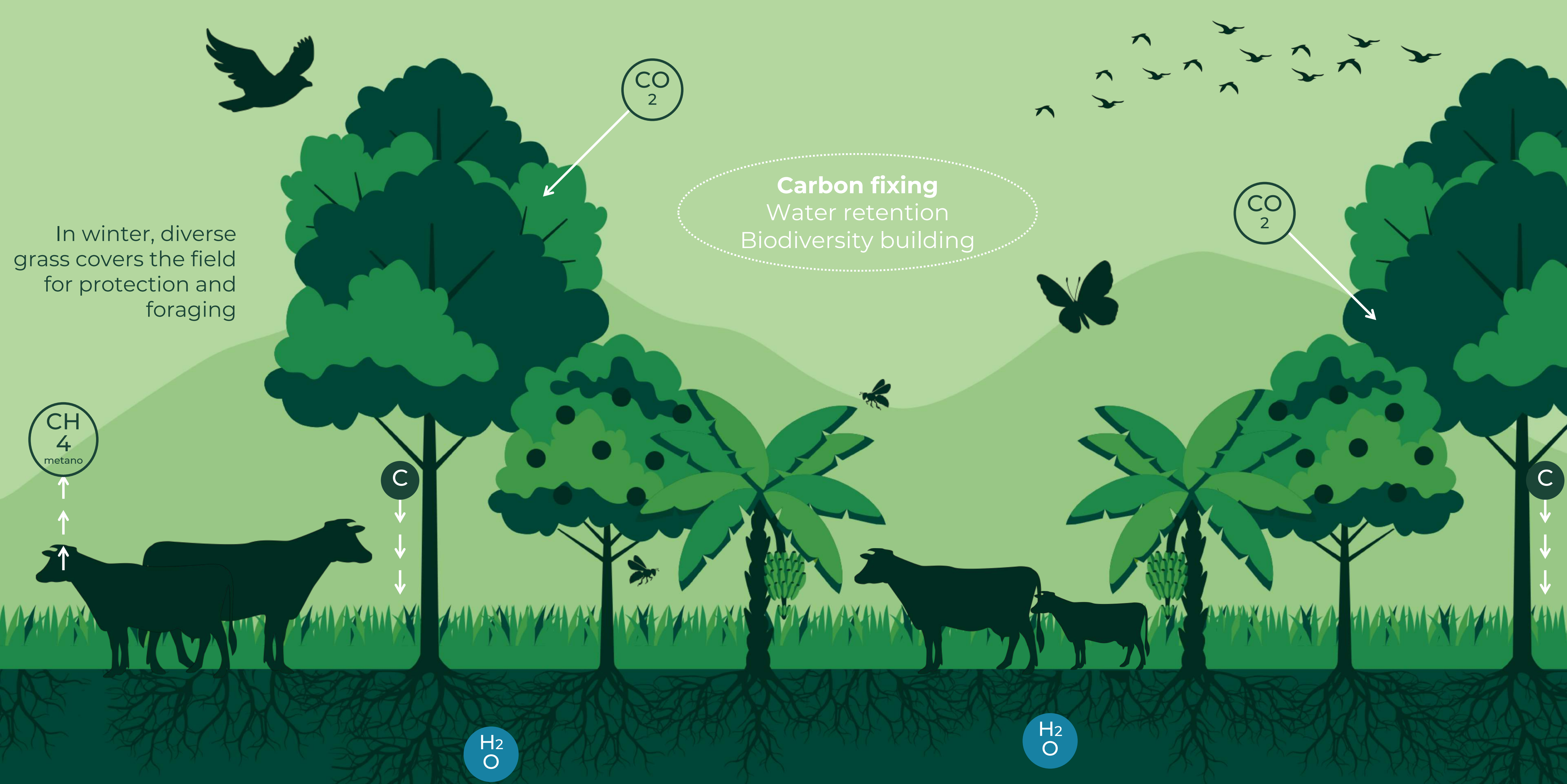


Row crops  
SOY AND CORN  
**40**  
MILLION HECTARES

Pastures  
**170**  
MILLION HECTARES



# Integrated Crop-Livestock-Forestry (summer)

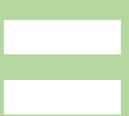


# Integrated Crop-Livestock-Forestry (winter)

PLANT  
DIVERSITY



APPROPRIATE  
STEWARDSHIP



OPTIMAL  
PHOTOSYNTHESIS

**Carbon fixing**  
Water retention  
Biodiversity building

ORGANIC  
SYSTEM



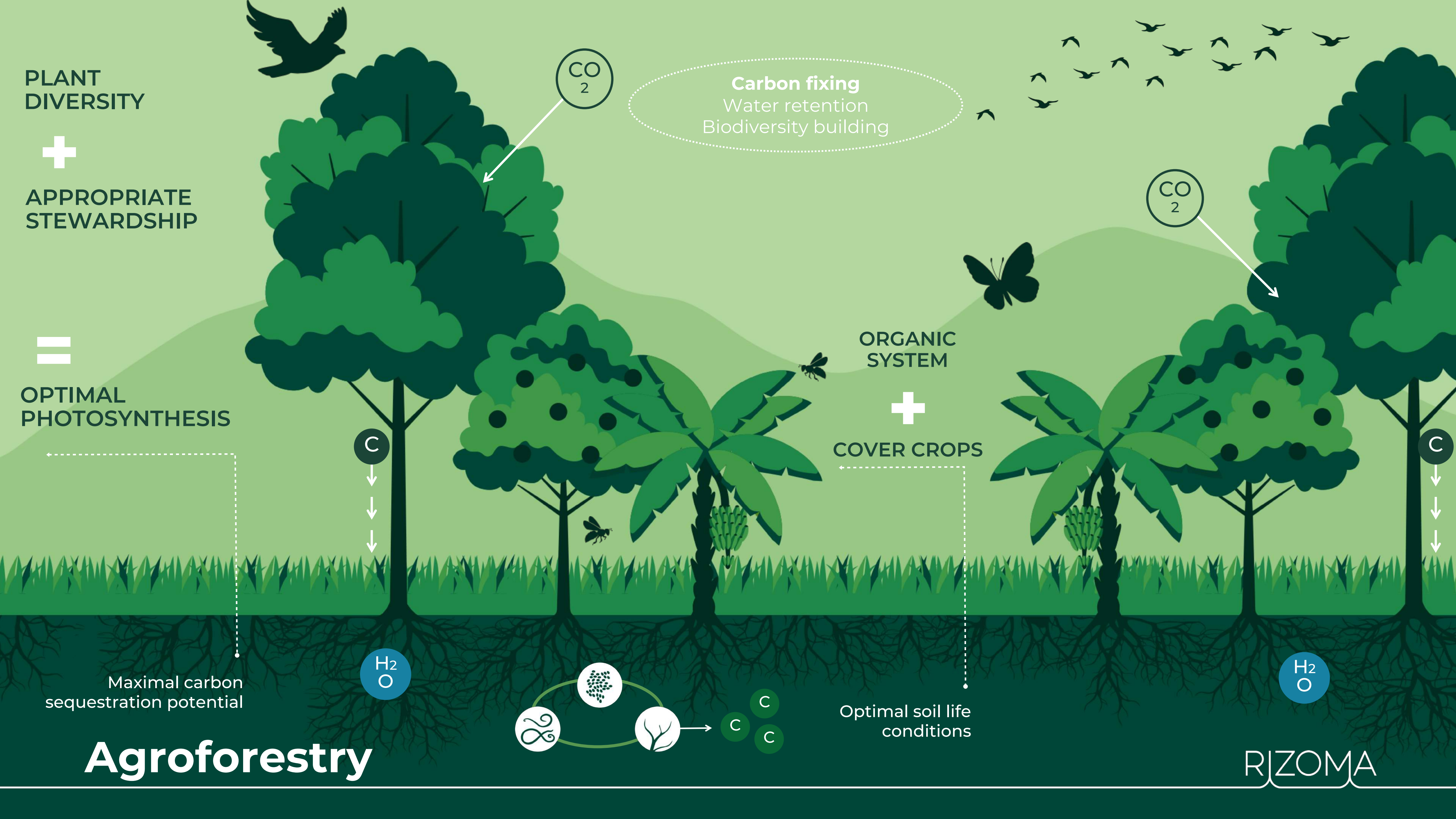
COVER CROPS

Maximal carbon  
sequestration potential

Optimal soil life  
conditions

**Agroforestry**

RIZOMA



# Renenerative Organic Systems



Uses 30% of land



Sequesters  
carbon



Has 15%+  
expected IRR

# Case Results

Regenerative Crop Rotation  
(Corn/Brachiaria Grass)

96 hectares

5 years

**12tons CO<sub>2</sub>eq/Ha/Year**

SOC 1.3% (2013) -> 1.6% (2018) - 15 reps



# Case Results



Agroforestry (Acacia, Eucalyptus, Mango,  
Banana, Brazilian Grapetree , Bracchiaria Grass)  
5 hectares  
4 years

**79tons CO<sub>2</sub>eq/Ha/Year**  
SOC 0.9% (2013) -> 2.4% (2017) – 3 reps

# Scaling Up



## **Crop Rotation**

Soy/Wheat/Soy/Corn/Beans  
Crotalaria/Millet/Corn/Grass

**1000hectares**

## **Agroforestry**

Limes/lams/Cassava/Cedar/  
Mahogany/Erythrina/Gliricidia/  
Brazilian Firetree/Shimbillo)

**57hectares**

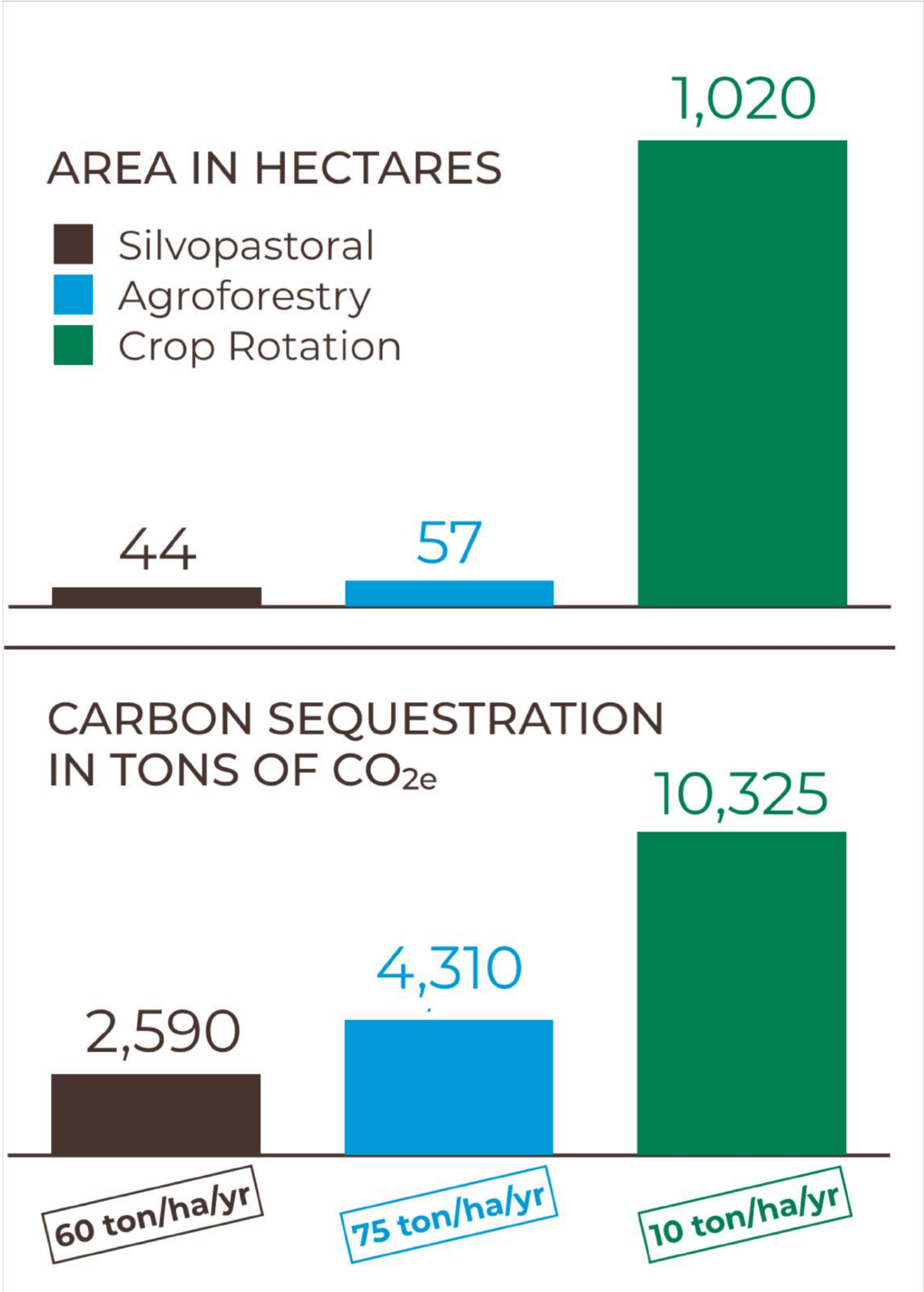
## **Silvopastoral**

Mexican Sunflower/River  
Tamarind/Guinea  
Grass/Cratylia/Avocado/Cassava)

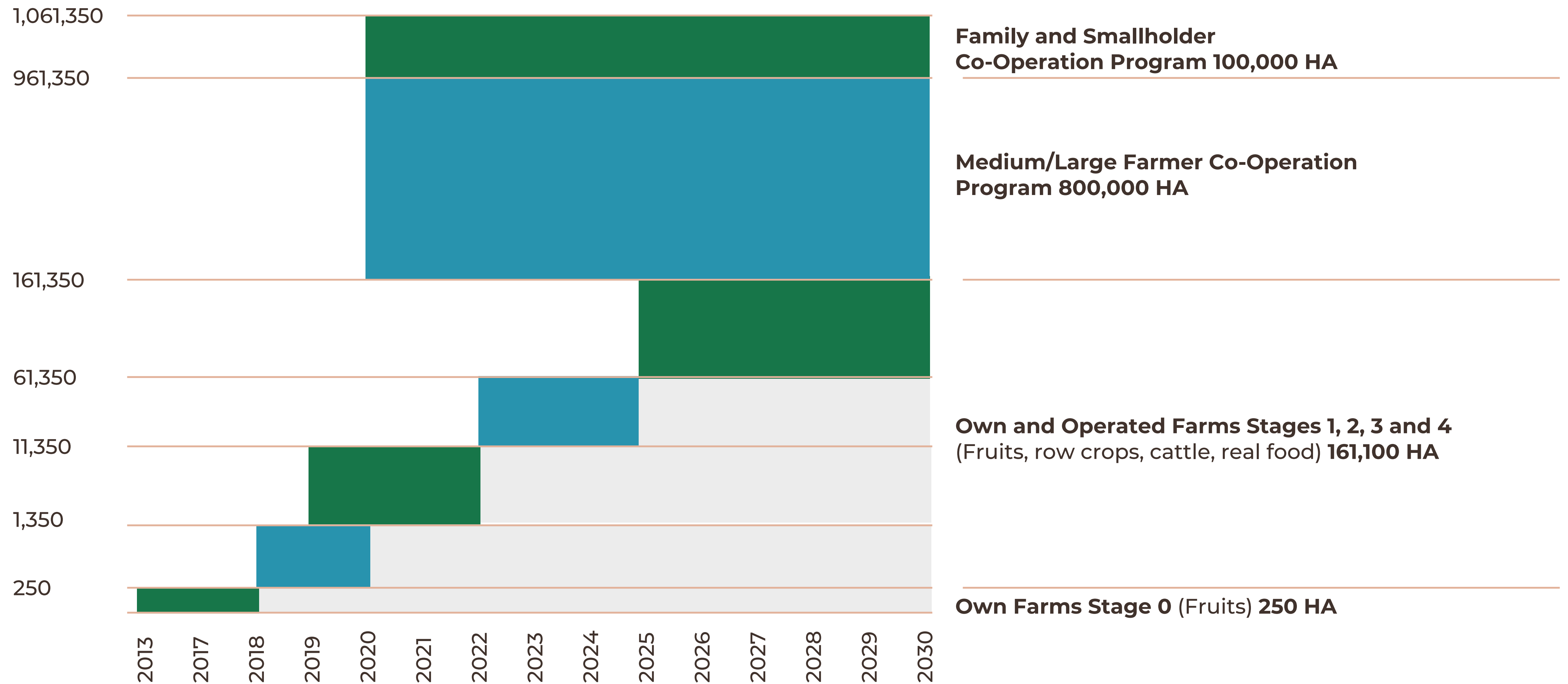
**44hectares**

# Sequestration Targets

17k tons CO<sub>2</sub>eq/year  
in aprox 1100 hectares.

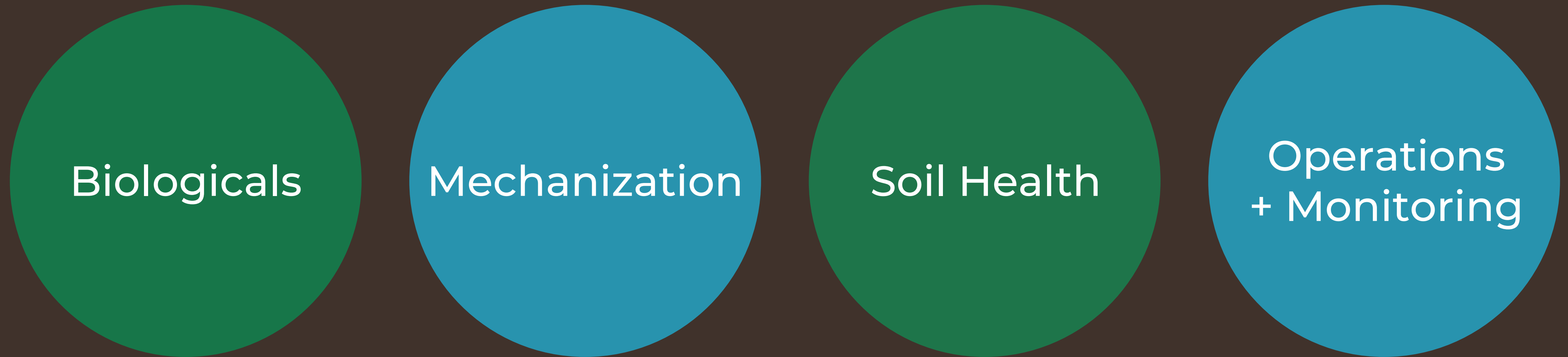


# Our Path<sup>\*</sup>



<sup>\*</sup> In hectares (ha) 1 hectare ≈ 2.5 acres

# Global R&D Network Concentration Areas



In cooperation with leading farming institutes/universities.

# Streamlining

Fluid investment  
vehicle for professional  
investors

Unlocking new  
credit opportunities

Developing large  
scale systems

Working with off-take  
partners worldwide

# Core Team Rizoma

## **Pedro Diniz** Co-founder

Entrepreneur, investor and CEO  
at Fazenda da Toca

Board member Península, Project Drawdown,  
Kiss the Ground and Food Tank

## **Fabio Sakamoto** Co-founder

Founder of 2+Capital, (Corporate Venture|  
Arm of Grupo Boticário)

Consultant at Bain & Company  
(Brasil, USA & Hong Kong)

## **Marcelo Marzola** Co-founder

Entrepreneur in marketing technology,  
co-founder of Predicta

Head of Digital Transformation LATAM  
at Spencer Stuart

## **Fernando Tersi** Director of Operations

Agroindustrial Director Cerradinho (Sugar/Ethanol)

Agricultural Director Citrosuco

Agricultural Manager Cambuhy

## **Osvaldo Serrano (Juca)** Technical Director

Agricultural Director at Fazenda da Toca, responsible for large  
scale agroforestry systems

Pioneer in the organics market in Brazil (20+ years)

## **Pedro Carvalho** Commercial Lead

Biochemical Engineer

Former Commodities Trader at Bunge Switzerland

Grain farmer with specialization in soil microbiology with Dr.  
Elaine Ingham (USA)

## **Leandro Cizotto** Strategic Planning

Economist with experience in strategy consulting at  
Integration Consulting

The background of the image is a close-up, high-resolution photograph of dark brown, moist soil. The soil has a crumbly, granular texture with many small clumps and individual particles visible. The lighting is even, highlighting the natural variations in the soil's surface.

**Our Mission is to Bring High-Yield  
Regenerative Farming to 1 MM  
hectares of Farmland in Brazil**

**Thank you.**