



ACCELERATE SOIL REVITALIZATION THROUGH CARBON FINANCING SOLUTIONS

2023

For healthy, fertile, sustainable agriculture



OUTLINE

- 1. Introduction: Gaiago and Gaiago Carbon**
- 2. LTPDT: Precursor to Gaiago Carbon**
- 3. Gaiago's Carbon Offer**
- 4. Account of the tons stored**
- 5. Certification & the voluntary market** (*including competitive studies*)
- 6. FAO soil analyses**
- 7. The FarmLEAP platform**
- 8. Nutrigeo and carbon storage**
- 9. The farmer's contract in 5 years** (*including Buffer and sector bonus compatibility*)



Soil is the basis of life on earth

50% of global GDP relies on the natural capital of soils

25% of biodiversity is found in soil

2nd global carbon sink

25% of nature-based solutions come from soil

YET

52%

of global cropland is degraded

Our goal: Accelerate the transition to Regenerative Agriculture starting with soil revitalization



85 employees in the field working towards transition





Construction of an ultra-modern industrial production facility



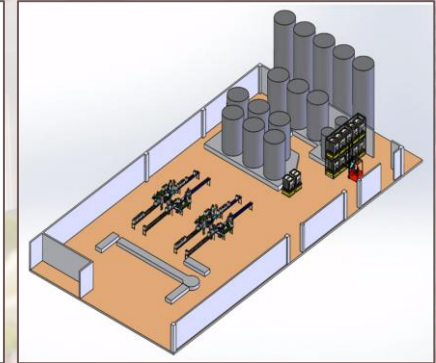
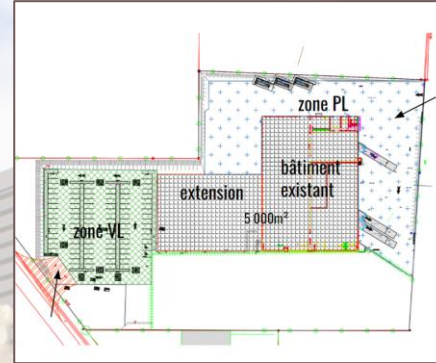
5,000 m² building



Automated production lines



New, high-standard laboratory



A FACILITY WITH A POSITIVE IMPACT

The manufactured products will facilitate, by 2026, the capture and avoidance of 3% of French agricultural emissions. The plant will rehabilitate a site that has been idle for 4 years.





Winner of the French Tech AGR120 program

Lauréat du programme
French Tech AGR120

Gaiago

PLUS D'INFORMATIONS SUR LE PROGRAMME ET LISTE COMPLÈTE DES LAURÉATS SUR :
LAFRENCHTECH.COM/FR/LA-FRANCE-AIDE-LES-STARTUPS/FRENCH-TECH-AGRI20/

La FRENCH TECH AGR120



La FRENCH TECH AGR120

- 22 companies selected out of **600**
- Accelerate the deployment of solutions in France and abroad
- Work within an “ecosystem” to quickly deploy projects



Gaiago, at the initiative of a federation of agricultural carbon companies

Inspire confidence to reinforce this emerging industry

CLIMATE AGRICULTURE ALLIANCE

- Structuring the agricultural carbon market
- Explain and increase knowledge
- Promote via public authorities

9 founding companies, with many future members!



COTERRA TERRE



Gaiago



GENESIS SysFarm

A first **prototype project**: a secure database for the unique identification of plots involved in a carbon program to avoid double counting





Gaiago and **UniLaSalle** have created the **Research and Innovation Chair**

Biomes⁺

SOIL LIFE & NUTRIPROTECTION

Board of Directors of the Chair with
Christian HUYGUES
INRAE Scientific Director



First results confirming accelerated mycorrhization, development of mycelial hyphae



Gaiago, **soil leader**, meets the expectations **of farmers and society**

1

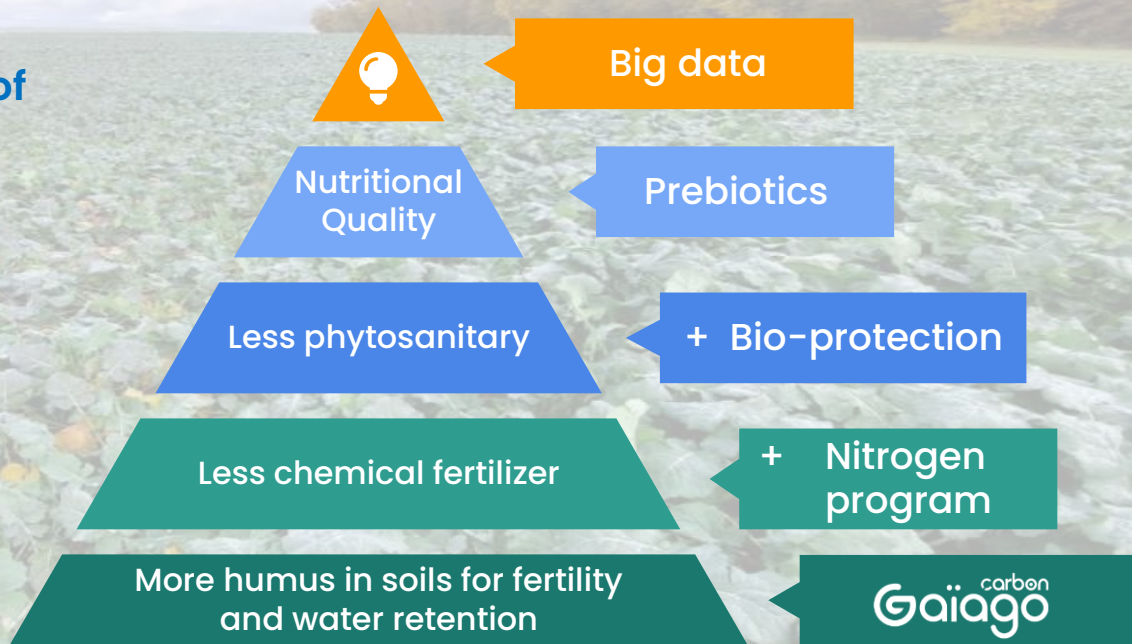
Soil balance: construction of stable humus

2

Crop balance: nutriprotection

3

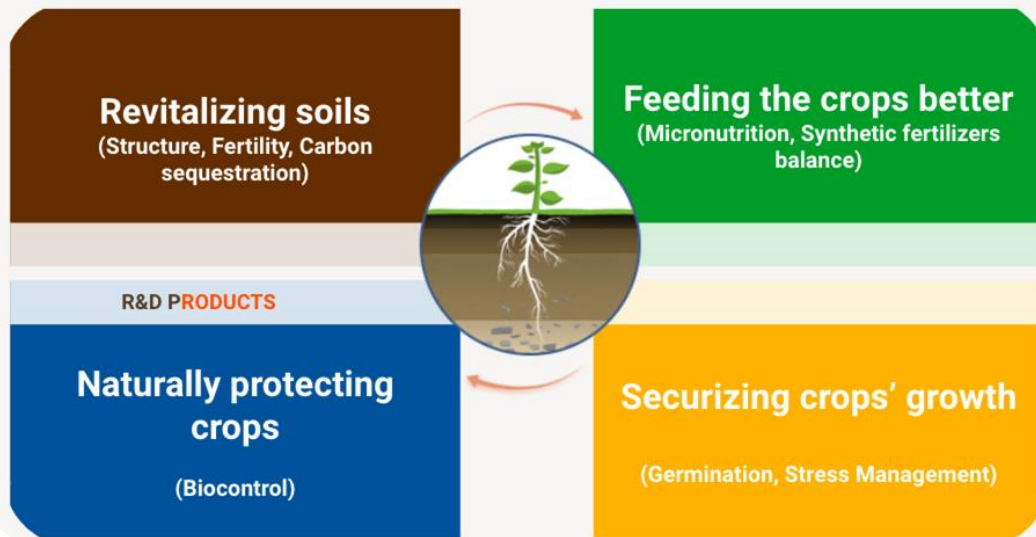
Balance of the farming economy

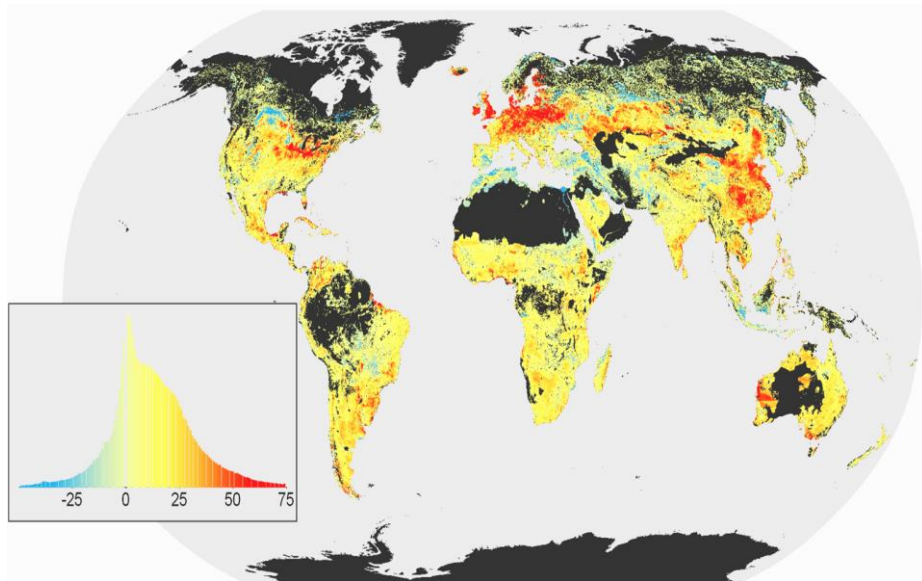




A product portfolio to meet agricultural challenges

A portfolio to answer farmers' needs





Loss of organic carbon from cultivated soils*





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NUTRIGEO: The soil prebiotic



SOIL RANGE
Prebiotic solution

Compliant to the organic farming regulation EC 2018/848

Soil conditioner (EU 2019/1009)

Polysaccharides

Specific organic acids

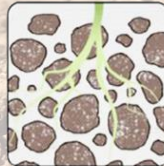
Trace elements complex

NUTRIGEO[®]

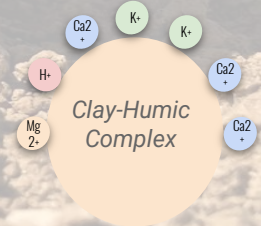
Awakens the humifying flora



Improves soil structure

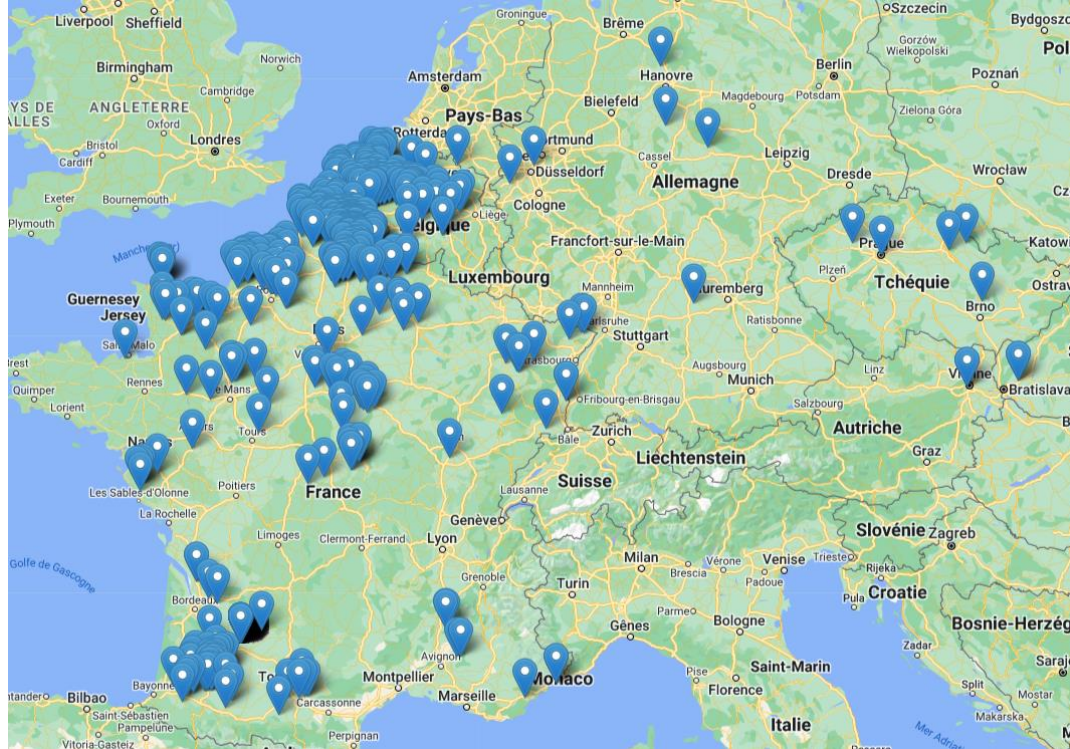


Favors nutrient availability





LTPDT: First results



46 partner distributors
in

5 countries, including:

40 in France

3 in Belgium

2 in Germany

2 in Cz. Rep. & Slov.



24,000+ ha in Europe

France = 19,414 ha

Belgium = 3,844 ha

Germany = 464 ha

Cz. Rep. & Slov. = 350 ha



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Soil revitalization is a vital issue

The latest report from the UNCCD* alerts us that:

**UN Convention to fight against desertification*

2017

25% of the world's soils are degraded

2022

40% of the world's soils are degraded

Land degradation
affects

50%

of the world's
population





A program offered by a **mission-based company**

Purpose

Gaïago Financement is a **mission-based company**, created to find and implement financing solutions (including carbon revenue) with the aim of accelerating the agroecological transition.

Its first mission:

100 %

**carbon benefits returned
to farmers**

Gaïago ^{carbon}

CERTIFICATION



Aurélie P.
Certification
and carbon
credits

COMMERCE AND PROJECT DEVELOPMENT



Vanessa P.
Manager
Gaïago
Carbon



Aurélie M.
Project Leader +
FarmLEAP
platform



Audrey M.
Sales
administration

AGRONOMY



Bertrand A.
Agronomic
innovation



Romain A.
Testing and
FAO Protocol

**Accelerate soil revitalization
with NUTRIGEO®.**



Visible benefits after 6 months of application



**Thanks to carbon finance
solutions**

= Help farmers finance the revitalization of their soils.



PREBIOTIC SOLUTION
Complex based on organic acids,
polysaccharides and trace elements

Annual use in liquid form



*Authorized in organic farming under
EU regulation 2018/848
Fertilizer - Soluble concentrate of
plant extracts and mineral elements
Marketing Authorization No. 1211012*

Did you know?

According to INRAE, carbon storage can reach a maximum of **1 to 2 TCO₂e** with the adoption of regenerative agriculture practices.

NUTRIGEO[®]

Accelerates carbon sequestration by stimulating fungi

Average of **3 t CO₂ eq/ha/year** stored in soils meeting our eligibility criteria.

→ **Can accelerate the benefits of regenerative agriculture by a factor of 2 or 3 times**

Plants absorb CO₂ with photosynthesis

Crop residues and root exudates are consumed by fungi

Fungi turn plant biomass into humus





carbon
Gaiago