

**TURNING  
PASSION INTO PROFESSION  
AND PROFITABILITY**



|                                                              |
|--------------------------------------------------------------|
| <b>ENSYNOX<sup>®</sup></b><br><b>ORGANIC ENZYMES</b>         |
| <b>Calcynox<sup>®</sup></b><br><b>BIOREMEDIATION FORMULA</b> |



**BIOTECHNOLOGY FOR THE THIRD MILLENNIUM**  
**with the power of NATURE**





# Get More of what MATTERS

- ROI
- Social impact
- Human impact
- Environmental impact
- Climate impact



Generating a profit through a positive impact on human and planetary health



# BORN FOR SUSTAINABILITY and BUSINESS

Efficacy ✓

Safety ✓

Proof of Concept ✓

Scientific data ✓

Identified demand and buyers ✓

Buyer's commitment ✓



Agriculture  
Food

R&D ✓

Formulas

Human

Environmental

# Ensynox organic enzymes



# Biotechnology from Nature

**A drilodefensin**  
These surfactant molecules help prevent protein precipitation without reducing enzyme activity during digestion.

**Clitellum**  
This part of the reproductive system stores eggs.

Earthworms have calciferous glands that process carbonate from plants and fix CO<sub>2</sub> from their breathing into CaCO<sub>3</sub> pellets.

**Mouth**

Earthworm enzymes, such as EFEa (shown), are used as a home remedy and a dietary supplement, and chemists have repurposed them as catalysts in organic synthesis.

**A humic acid**  
Earthworms process and feed on these aromatic molecules and use them as plant

CO(NH<sub>2</sub>)<sub>2</sub> + H<sub>2</sub>O → 2NH<sub>3</sub> + CO<sub>2</sub>  
Urea

NH<sub>3</sub> + H<sub>2</sub>O → NH<sub>4</sub><sup>+</sup> + OH<sup>-</sup>

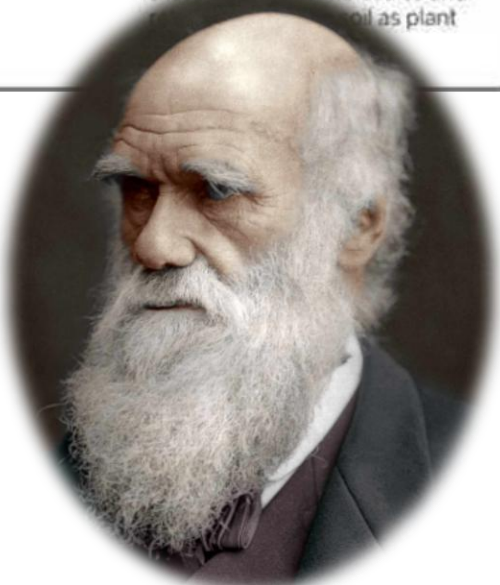
N<sub>2</sub> + N<sub>2</sub>O + O<sub>2</sub> → NO<sub>3</sub><sup>-</sup> + H<sup>+</sup> + H<sub>2</sub>O

Earthworms and their gut microbes process nitrogen compounds to make nitrate to enrich the soil and produce N<sub>2</sub>O, a greenhouse gas.

"It may be doubted whether there are many other animals which have played so important a part in the history of the world, as have these lowly organized creatures."  
—Charles Darwin, 1881



„Bridging Science, Industry, and Entrepreneurship,  
and Building Revenue and long-lasting Impact.”  
This is Our Creed.



# TRACTION

Environmental pilot test, cleanup, and restoration projects deployed

UN-UNESCO private partnership

proof of concept is achieved

IP in hand

scientific data in hand

\$475m valuation is projected based on future revenue potential (UN)

Governmental endorsements

\$3.5m valuation is achieved by New York Law & accounting firm

Buyers and project lists

Due diligence has been conducted by a well-known international investment bank, and it has received approval as a viable financial product

Professional Team has lined up

# BUSINESS DEVELOPMENT BY COUNTRIES



## First Phase

BRAZIL - 2026

&

SOUTH AMERICA – 2027

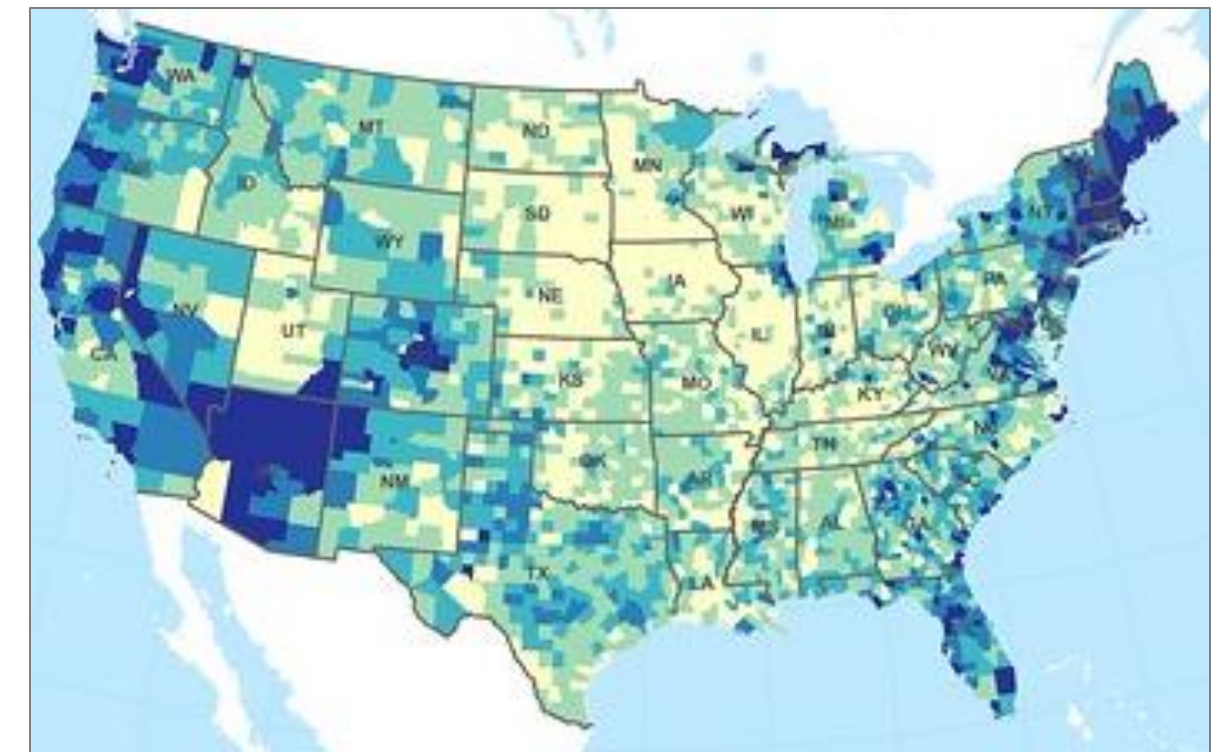
WE CREATED THE  
CONDITIONS – FIRST  
REVENUE TO BE  
RECEIVED IN 6 MONTHS



## Second Phase

USA

COMMERCIALIZATION 27/28



PREPARATION IS STARTED

ENSYNEX®



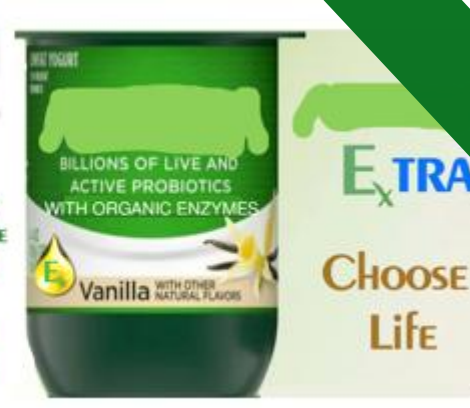
# UTILIZATION – REVENUE STREAMS



**AGRICULTURE**  
Soil amendment

**WEBLINK**  
**AGRICULTURE**

**ENVIRONMENTAL  
CLEANUP**



**FOOD TECH**

Alternative Proteins

TBA-secondary market2027

**WEBLINK FOOD TECH**

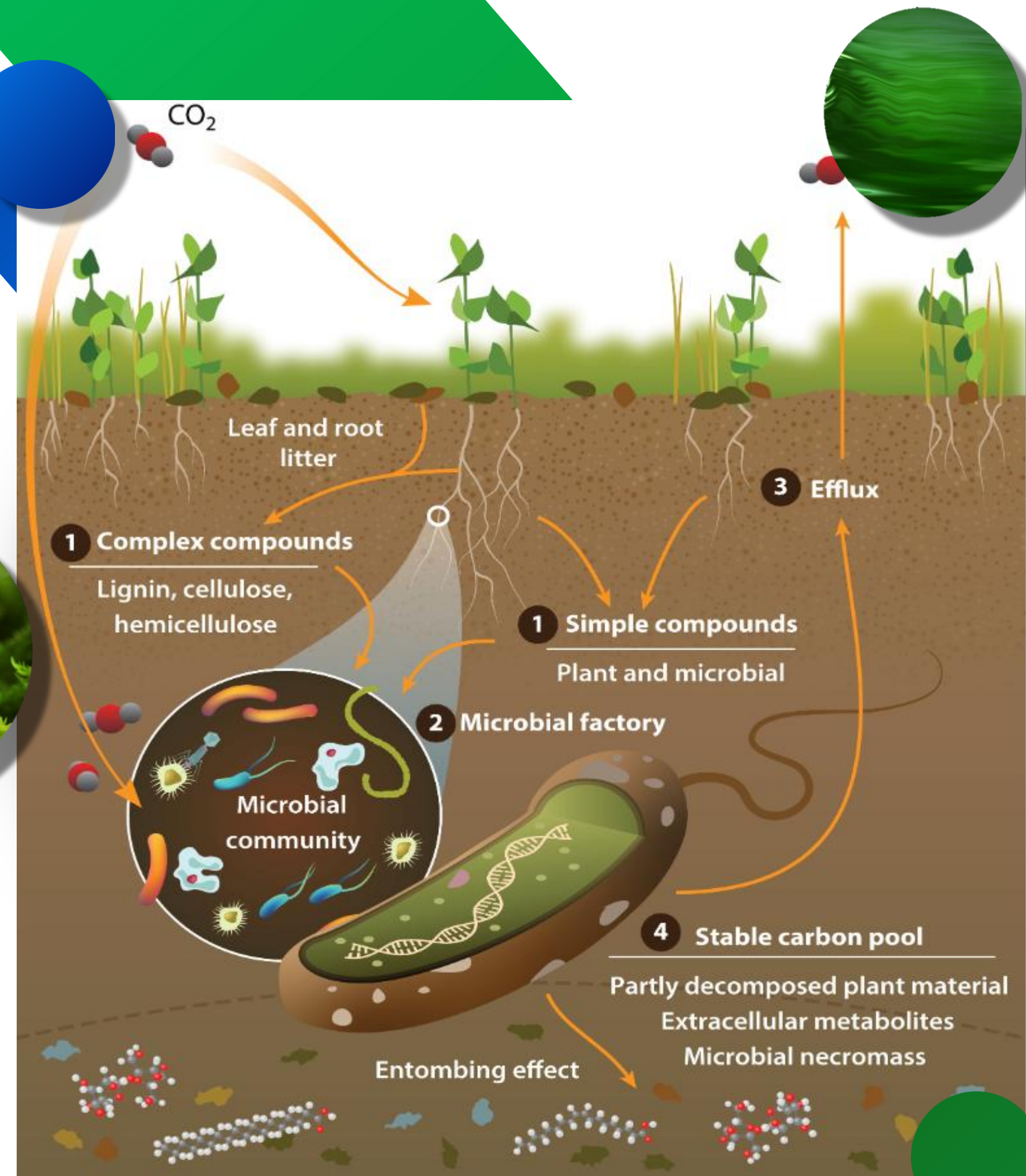
**CARBON MARKET**

Climate Tech



# PROBLEMS – AGRICULTURE

- **NUTRITIONAL VALUE OF AGRICULTURAL PRODUCTS**
- **HUMAN ENDOCRINE AND HORMONE SYSTEMS DISRUPT**
- **DEGRADED SOIL, FAILED MICROBIAL CONTENT**
- **FARMER'S PROFITABILITY DECLINES, VULNERABILITY TO INCREASING INPUT PRICES**
- **CROP SECURITY OF AGRICULTURAL PRODUCE**
- **OVERFERTILIZATION, BIOLOGICAL POLLUTION**



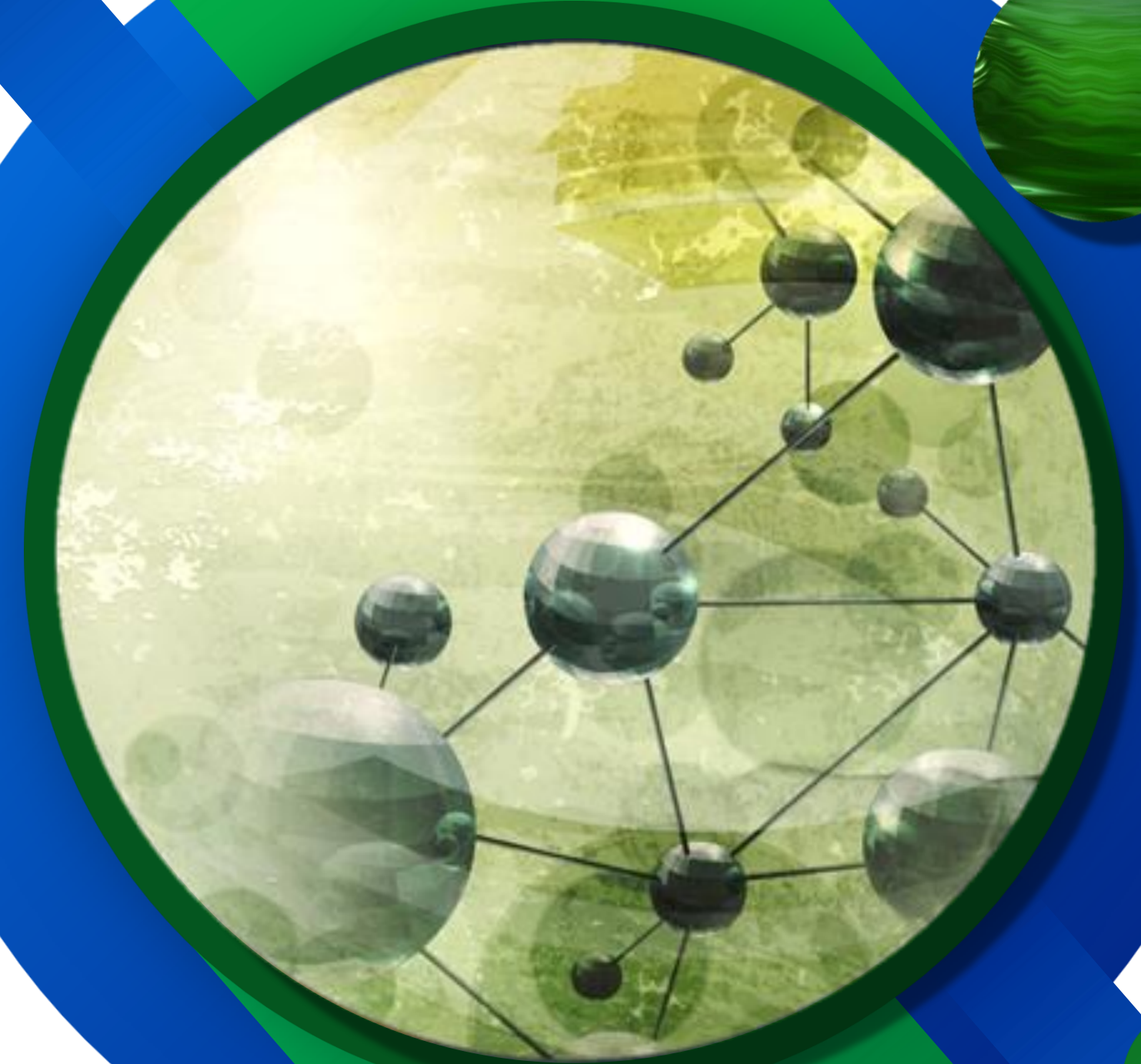
# PROBLEMS – **FOOD INDUSTRY**

- **NUTRITIONAL VALUE DECLINE**
- **HARMFUL CHEMICALS**
- **ULTRA-PROCESSED FOOD**
- **UNHEALTHY ADDITIVES**  
(consistency and taste booster, preservatives, dye, etc.)
- **HEALTH RISKS CAUSED BY ACCUMULATED SUBSTANCES, FOREVER CHEMICALS, ETC.**



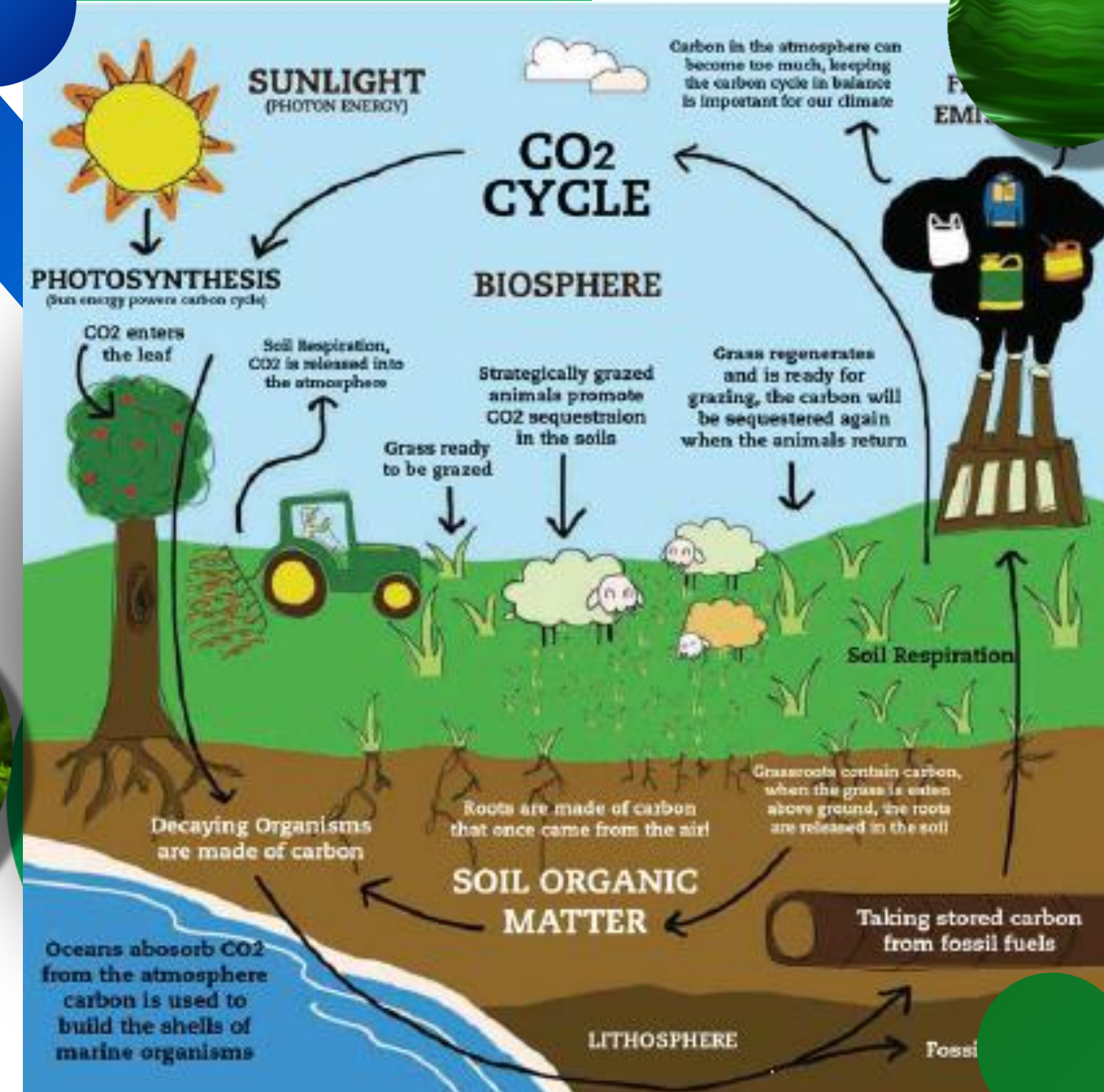
# PROBLEMS – ENVIRONMENT

- **BIOLOGICAL POLLUTION:  
EXCESSIVE USE OF CHEMICALS IS  
CHANGING THE ENVIRONMENT'S  
CHEMISTRY**
- **ALGAE BLOOM**
- **INDUSTRIAL TOXIC SOIL AND  
WATER POLLUTION**
- **FOREVER CHEMICALS**
- **PLANT DISEASES**
- **OIL SPILLS**



# PROBLEMS – CLIMATE

- ▶ CLIMATE INSECURITY  
CONTROVERSIAL CLIMATE  
SOLUTIONS
- ▶ SOIL's DEGRADED CARBON  
SEQUESTRATION AND STORAGE  
CAPABILITY
- ▶ SOIL CARBON DECLINES
- ▶ DAMAGED CARBON CYCLE
- ▶ EXCESSIVE CO<sup>2</sup>, POTENT GREENHOUSE GASES,  
NITROGEN POLLUTION, NITROUS OXIDE GAS



Analysis and extraction from the original laboratory report conducted by  
Bálint Analitika Kft Budapest, Hungary, European Union

### *Ensynox organic enzyme degradation*

#### Test method(s):

MSZ EN 13657:2003 ; EPA 6020B:2014 ; MSZ 21470-105:2009NA ; MSZ 21470-94:2009NA ; TPH-GC.

#### Experimental investigation:

At 23° C in the laboratory the samples were treated in glassware with sterile glass pipettes.  
50 mg Ensynox is added to the samples. The tests were conducted based on the methods specified above.

#### *Testing of the heavy metal, metal and semi-metal content of waste samples*

Date received: 12.02.2026.

Date of designation: 03.03.2026.

| Kód                                                  |       | 26-1786/1                      | 26-1786/8                        |                        |         |
|------------------------------------------------------|-------|--------------------------------|----------------------------------|------------------------|---------|
| Sample<br>List of elements                           |       | Untreated<br>original<br>value | Oil sludge<br>21. day<br>extract | Neutralization<br>rate | Residue |
| The preparation of the<br>sample/<br>End of the test |       |                                |                                  | %                      | %       |
| Ag - Silver                                          | mg/kg | 0,06                           | <0,05                            | 50                     | 50      |
| As - Arsenic                                         | mg/kg | 0.15                           | <0,05                            | 67                     | 33      |
| B - Boron                                            | mg/kg | 0,31                           | <0,05                            | 90,4                   | 9,6     |
| Ba - Barium                                          | mg/kg | 3,23                           | 2,72                             | 16,00                  | 84,00   |
| Cd - Cadmium                                         | mg/kg | 0,81                           | 0,06                             | 92,6                   | 7,4     |
| Co - Cobalt                                          | mg/kg | 132                            | <0,05                            | 99,98                  | 0,02    |
| Cr - Chromium                                        | mg/kg | 3,08                           | 0,15                             | 95,2                   | 4,8     |
| Cu - Copper                                          | mg/kg | 2,09                           | 1,93                             | 8,00                   | 92,00   |
| Hg - Mercury                                         | mg/kg | 2,40                           | <0,05                            | 98,75                  | 1,25    |
| Mo - Molybdenum                                      | mg/kg | 63,4                           | <0,05                            | 99,93                  | 0,07    |

# LATEST TEST RESULT extract

Oil and sewage sludge samples  
were analyzed, and many heavy  
metals were neutralized at a  
95–98% rate.

Heavy metals threaten human and  
environmental health. Discussions  
are ongoing with mining,  
wastewater management, and oil  
companies.

## Conclusion:

High demand, big impact, low  
competition. High scale revenue  
ahead.



# BUSINESS DEVELOPMENT IN BRAZIL



- A 7-year-old Brazilian commercial company has acquired and all the licenses in hand
- A 5-hectare site in an industrial park was donated to us by a municipality to construct a factory and headquarters
- We have established agreements with large buyers who are committed to purchasing our agricultural products (1000-5000-7000-10,000 hectares+)
- We had a meeting a wastewater management company that committed to doing business with us
- We have established the business conditions and are prepared to execute with the appropriate staff.



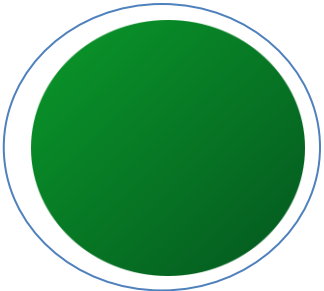
# THE TEAM

**Additionally, 24+**  
Scientist-Professional- agricultural and food experts,  
consultants-adviser team to be introduced



**Attila Tottosi**

- ▶ Founder and CEO of Sunshine Green Services LLC / OnEarth MissionX LLC
- ▶ Founder at Ensynox
- ▶ Inventor / Co-Inventor / IP-holder



**Silent Partner Ph.D**

- ▶ TBA



**James AR. McFarlane**

- ▶ Former Head of OREM at the International Seabed Authority
- ▶ Former Co-Chair of the MATE NVC for the National Science Foundation



**Angela S. Henderson**

- ▶ Pilot Project Partner
- ▶ Founder of Rescue Trek



**Laura Azevedo Ph.D**

- ▶ Scientist
- ▶ Director of the International Marine Minerals Society
- ▶ Brazil / USA relations



**Michal Slota Ph.D**

- ▶ Head of Content Farmers
- ▶ Soil and plant scientist
- ▶ biochemistry expert



**George Cummings**

- ▶ Biochemist, lobbyist
- ▶ UN Ocean Ambassador
- ▶ Chairman MesoAM SDG17 Coalition



**Prasad Jaladi**

- ▶ Sustainable Innovation Expert
- ▶ Lobbyist, India expert
- ▶ International relations



**Gabriel Karikas**

- ▶ Company Manager
- ▶ Business Management
- ▶ Brazil market relation



**Raphael Andrade**

- ▶ Web and design, digital media
- ▶ Product manager
- ▶ Brazil market relation



**Mendi Karikas**

- ▶ Intern - Research Assistant at Universidade Federal do Rio Grande do Norte - Brazil market relation



**Cesar Alencar Goes Vieira**

- ▶ Sales Manager
- ▶ Former sales director for Bunge (20 years)
- ▶ Brazil market relation

„CHANGE will NOT happen OVERNIGHT, but GRADUALLY,  
we will TRANSFORM THE PLANET INTO A BETTER place”

## CONTACT US



Attila Tottosi



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