

ECOBIOTECH PRESENTS

# Project **GREEN PHOENIX**

Rising from the ashes of degraded land through AI & Microbiology.

# | AGRICULTURE IS BROKEN

## Gas Hostage

Traditional area prices are chained to natural gas volatility. Farmers cannot predict operational costs or ensure budget predictability.

## Supply Fragility

Heavy reliance on international chemical cartels makes sovereign national food security dangerously vulnerable to logistical shocks.

## Soil Death

Systemic chemical over-exploitation turns once fertile fields into barren, toxic dust. Life is being rapidly erased from global soils.

# | THE IN-SITU BIO-FACTORY

## Continuous Autonomous Mode

We reject the outdated model of global supply logistics. We deploy smart, autonomous micro-manufacturing units directly on the commercial field.

- ✓ **1,000 Hectares:** One standalone facility powers an entire commercial agricultural plot.
- ✓ **Continuous Flow:** 24/7 localized bio-production with zero external downtime or chemical transport.
- ✓ **Air-to-Nitrogen:** Essential nitrogen is extracted directly from the atmosphere, completely bypassing chemical plants.
- ✓ **100% Off-Grid:** Fully powered by integrated solar tracking arrays and scalable industrial energy storage.

# 100%

**ENERGY AUTONOMOUS & OFF-GRID**

# BIOLOGICAL SHIELD TECHNOLOGY

## Microbial Life Support System

Our specialized, engineered bacteria do much more than simply fertilize; they actively secure the entire root asset system.

- ✓ **Gel Structures:** Advanced bacteria colonize the rhizosphere, building a water-retaining biological microfilm.
- ✓ **Optimal Moisture:** Permanent, self-healing protection against severe drought and extreme thermal stresses.
- ✓ **Asset Resilience:** True biological stabilization of the plant from early seed to exponential high-quality harvest.



GEL SHIELD

# | THE DRONE TANDEM: PRECISE CONTROL

1

## Scout (Anomaly Detection)

Continuous autonomous NDVI multispectral aerial monitoring. Accurately maps crop anomalies and plant stress at specific sector levels long before they become visible to the human eye.

2

## Surgeon (Precision Scalpel)

Acting as a highly accurate, relentless surgical tool. Equipped with integrated internal reservoirs, it executes micro-spraying strictly within targeted sectors to instantly restore health with zero waste.

# FINANCIAL CERTAINTY: DECOUPLED

We completely remove volatile fossil fuel energy inflation from agricultural input parameters.

**EcoBioTech (5-Year Guaranteed Fixed Price)**

€95 / ha

**Traditional Chemical Input (Current Average)**

€255 / ha

**Traditional Chemical Input (Historical Crisis Peak)**

€320 / ha

*"Biology does not look at stock market spikes. We lock in input predictability for half a decade."*

# | COMPOUNDING NATURAL CAPITAL

**+45%**

LAND ASSET APPRECIATION

## **15% Soil Organic Matter (SOM) Growth**

Increasing SOM by 15% within a 5-year cycle is a massive driver of real underlying asset valuation, drastically optimizing regional water retention capacity.

**Healthy Soil = Healthy Crops = Healthy Society.** Cultivating high-yield, bio-quality food structures provides concrete, long-term decreases in national healthcare costs.

# | STRATEGIC PILOT & REMEDIATION PORTFOLIO

## Project Green Phoenix: Aral Sea Pilot

We are currently in advanced, deep negotiations with the government of Kazakhstan. A 1,000-hectare trial field has been designated in highly degraded zones to validate our tech deployment under extreme salinity conditions.

## Heavy Contamination Remediation

Our proven corporate portfolio includes elite biotechnological solutions designed to swiftly neutralize toxic soil contamination caused by **hydrocarbon spillages** and **heavy metal saturation**, returning dead ground to clean production safely.

PILOT AREA

**1,000 HA**

Aral Sea Region Deployment Target

## THE CORPORATE VISION

*"Healthy soil creates healthy crops. Healthy crops build a healthy society. We are building the sovereign resilience insurance for nations."*

— Sebastian Adamek, CEO of EcoBioTech

# | RETURN ON INTELLIGENCE

>430%

5-YEAR CUMULATIVE ROI

## Turning OPEX into Capital Wealth

Our field economic models are thoroughly validated for multi-year technical efficiency and absolute cost predictability.

We permanently shift volatile, unpredictable farm operating costs (OPEX) into predictable, compounding soil asset growth and real property value protection.

# | ROADMAP TO GLOBAL SCALE

**Q3 2026**

## **Contract Signings**

Securing official pilot test fields across key target zones in Poland & Kazakhstan.

**2027**

## **Commercial Rollout**

Full enterprise implementation across Kazakhstan and primary fast-growth African nations.

**2028**

## **Global Expansion**

Broad international scaling, deep market integration, and sovereign food tech dominance.

# Join the Shift.

Scan the bookmark. Save the contact. Build the secure, sovereign future of agriculture.

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