



**GreenGrow**

# **When Science Nurtures Nature**

Feed the Earth, Harvest the Future, BIOAKTIV®Cultivates a legacy

## — Vision

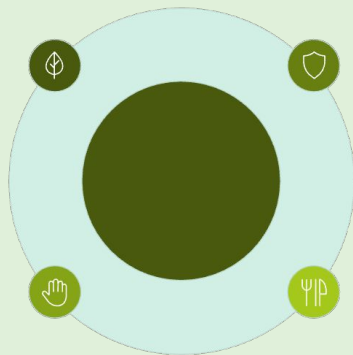
To lead the global transformation of agriculture into a sustainable, resilient, and equitable system that nourishes people and heals the planet.

### Sustainability

Resource-saving farming practices that reduce environmental impact.

### Equality

Access to resources, support, and fair opportunities for all growers.



### Resistance

Strategies for adapting to climate change and reducing risks

### Food security

Ensuring healthy, accessible, and sufficient food for future generations

## — Mission

- **Cutting-Edge Biotechnology:** Empowering farmers with advanced biological tools
- **Data-Drive Solutions:** Providing insights for optimized farming practices
- **Regenerative Practices:** Boosting productivity while healing ecosystems.
- **Climate-Resilient Food Systems:** Building sustainable and adaptable agriculture.



# Bridging Productivity and Ecology

GreenGrow FlexCo - AgroBioTech offers science-backed, scalable solutions that bridge agricultural productivity with ecological stewardship. We empower farmers to thrive in a climate-challenged world while sustainably meeting global food demands.



## **Science-Backed Innovation**

Proprietary biotechnology proven in real-world conditions.



## **Climate Resilience**

Solutions designed for a changing climate.



## **Scalable Impact**

Technology that grows with global food demand.



# BIOAKTIV®

## Our Flagship Product

Highly active organic humus fertilizer, natural humus concentrate.

-  **Organic Waste Transformation**  
Transforms organic waste into a powerful soil amendment.
-  **Enhanced Plant Health**  
Dramatically improves plant health and soil fertility.
-  **Accelerated Composting**  
Proprietary CEC technology accelerates natural processes by 10,000x.

# The Market Problem

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## Soil Degradation Crisis

- 52% of global farmland degraded (UNCCD)
- \$400B annually in lost productivity
- Industrial farming depletes soil fertility

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## Carbon Liability

- Agriculture: 25% of global GHG emissions
- N<sub>2</sub>O from fertilizers: 300x worse than CO<sub>2</sub>
- Industry must transform for climate goals

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## Regulatory Pressure

- EU Green Deal, carbon taxes, ESG mandates
- Demand low-carbon farming solutions
- Compliance is essential for competitiveness



# BIOAKTIV<sup>®</sup>: Profitable Regeneration

## Waste Collection

Gathering organic materials to start the cycle.

## Soil Enrichment

Applying humus to soil to enhance fertility.



## Enzymatic Processing

Using enzymes to transform waste into humus.

## Humus Formation

Creating stable humus with high organic carbon.



# Complete Value Chain

BIOAKTIV® delivers value across four critical dimensions, creating multiple revenue streams while maximizing environmental and agricultural impact.

## Characteristics

- Patented CEC technology
- 10,000x faster processing
- High organic carbon content
- Natural enzymatic activation

## Benefits

- 20%+ yield improvements
- Reduced water usage
- Enhanced soil structure
- Long-term fertility gains

## Environmental Impact

- 8,000+ tons CO2e sequestered
- Waste diverted from landfills
- Biodiversity restoration
- Climate resilience

## Investor ROI

- 50-60% EBITDA margins
- Triple revenue streams
- Regulatory alignment
- Scalable operations



# The Decade of Soil Regeneration

This is the decade soil regeneration becomes a \$100B market.  
BIOAKTIV®'s technology uniquely converges:

<b><u>Policy Alignment</u></b>	Regulatory support and incentives for sustainable practices.
<b><u>Profit Potential</u></b>	High ROI and robust revenue streams for investors.
<b><u>Planetary Urgency</u></b>	Addressing critical environmental and climate challenges.
<b><u>Patented Speed</u></b>	Rapid processing through innovative CEC technology.
<b><u>Circular Economics</u></b>	Waste diversion and resource efficiency at its core.
<b><u>Verifiable Impact</u></b>	Quantifiable environmental and agricultural benefits.

Competitors optimize slices of the problem; we solve it systemically. Now isn't just the right time—it's the only time to capture this value.





# BIOAKTIV<sup>®</sup> Technology Assessment

## Strengths

- Rapid production cycle (10,000x faster than traditional composting)
- High organic carbon concentration
- Patented enzymatic process with 2 patents
- Proven field results: 20%+ yield improvements
- Circular economics: waste-to-value model

## Strategic Considerations

- Higher upfront capital investment for CEC plants
- Sophisticated technology requires specialized expertise
- Strong IP protection creates competitive moat
- Automation reduces long-term operational complexity



# European Organic Agriculture Market

**419K** Organic Producers

Growing base of farmers seeking sustainable solutions.

**16.9M** Hectares

Organic farmland across the European Union.

**€58.6B** Market Value

Total European organic retail sales in 2022.

## — Top Organic Markets

### Top Organic Markets

#### Farmland

- France: 2.9M hectares
- Spain: 2.7M hectares
- Italy: 2.3M hectares

#### Producers

- Turkey: 88,000 producers
- Italy: 86,000 producers
- Spain: 57,000 producers

### Market Insights

#### Consistent Growth

Despite a slight market contraction in 2021/2022, the number of organic producers continues to increase, signaling a long-term commitment to sustainable agriculture across Europe.

# Proven Traction & Validation

## Field-Tested Results

- 20%+ yield improvements in EU wheat fields
- Verified soil carbon sequestration of 8,000+ tons CO<sub>2</sub>e

## Strategic Partnerships

Active collaborations with major agricultural cooperatives and municipal waste processors across Europe.

## Regulatory Pressure

Recipient of prestigious EIT Climate-KIC and Horizon Europe grants, validating our innovation.

"This is the decade soil regeneration becomes a \$100B market. BIOAKTIV®'s tech uniquely converges policy, profit, and planetary urgency—with patented speed, circular economics, and verifiable impact."



# Competitive Landscape

The sustainable fertilizer market is diverse, but GreenGrow FlexCo AgroBioTech stands out with its advanced BIOAKTIV® technology and innovative "humus-as-a-service" model.

## Our Core Differentiation

- Patented CEC technology—10,000x faster than traditional composting.
- Triple revenue model: product sales + carbon credits + waste tipping fees.

## Crop-Specific Solutions

- Tailored, high-activity organic complexes for specific crop needs.
- Long-term soil vitality focus, not just short-term yield gains.

### Biotechnology

Advanced  
BIOAKTIV®  
traits

### Circular Economics

Waste-to-resource  
systems

### Regulatory Alignment

Compliance for  
market access

### Market Leadership

Integrated  
approach  
captures share

While competitors offer various sustainable fertilization solutions, our systemically integrated approach combining these key pillars positions us to capture significant market share.

# Three-Phase Growth Strategy

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## Foundation

### GreenGrow B2B2C Plant No. I

- Completed production and R&D facility.
- Development of BIOAKTIV® organic complexes.
- Proof of concept and initial market validation.

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## Scale

### Construction of B2B2C Plant II and III

- Total gross floor area: 13,718.30 m<sup>2</sup>.
- 3x composting units, 12x landfills.
- Beginning development of BIOAKTIV® app & Humus-as-a-Service platform.

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## Expansion

### Construction of B2B2C Plant IV and V

- Total gross floor area: 27,706.32 m<sup>2</sup>.
- 12x small landfills, 12x large landfills.
- Learning center and greenhouse facility.
- Full HaaS platform deployment.





# BIOAKTIV®'s Unbeatable Trifecta



## Regulatory First-Mover

- Aligns with EU Taxonomy (100% "substantial contribution" to climate mitigation).
- Qualifies for CAP Eco-Schemes (€60B fund).
- Positioned ahead of tightening regulations.



## Circular Profit Engine

- Sell product (humus concentrate).
- Sell carbon credits.
- Charge waste tipping fees
- Unit economics: 40-60% EBITDA margin.



## IP-Led Scalability

- 2 patents in enzymatic activation.
- Process 10,000x faster than composting in nature.
- Enables rapid geographic expansion.

# Investment Opportunity

**€3.675.000 Pre-Money Valuation**

**€48.881.000 Post-Money Valuation**

**€38.582.000 Low Bound**

**€59.181.000 High Bound**

## Use of Funds



### Industrial Land Acquisition

Strategic locations for Phase 5 plants



### Production Plant No. 1

Complete buildout and equipment



### Production Line Expansion

Automated CEC technology deployment



### Working Capital

Operational scaling and market expansion

# Pathways to Strategic Acquisition

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## Market Size

\$20B market with 12% CAGR growth.



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## Scale Technology

Modular deployment to farms/wineries for lower costs.

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## Strategic Buyers

Interest from agtech (Bayer, Yara), circular economy (Veolia), carbon buyers (Shell).



# Our Leadership Team

Meet the talented individuals driving agricultural transformation, combining decades of expertise in biotechnology, operations, and sustainable business models.



**Alfonz Ferfolja**  
**CTO & Co-Funder**

*Inventor of CEC technology, PhD in biochemical engineering, 12 patents.*



**Marcel Primožič**  
**CEO & Co-Funder**

*Deep experience in agribusiness & sustainable tech commercialization.*



**Darjo Željan**  
**COO & Co-Funder**

*Operations expert; specializes in scalable manufacturing & supply chain.*



**Tina Jan**  
**CSO & Co-Funder**

*Strategic leadership from multiple director roles for success as CCO.*



**Klemen Zupančič**  
**PhD, CRO & Co-Funder**

*Research director advancing soil microbiology & carbon sequestration.*



**Žiga Bolta**  
**PhD, RD&I**

*Independent consultant for new product development.*



**Kristjan Brozovič**  
**CMO & Co-Funder**

*Responsible for defining and executing the company's overall marketing strategy.*



**GreenGrow**

# Join Us in Transforming Agriculture

The future of farming is regenerative.

The time to invest is now.

*GreenGrow FlexCo*

## CONTACT US

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