



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.



— 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

Soil Degradation Crisis

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

Carbon Liability

- Agriculture: 25% of global GHG emissions
- N2O from fertilizers: 300x worse than CO2
- Industry must transform for climate goals

Regulatory Pressure

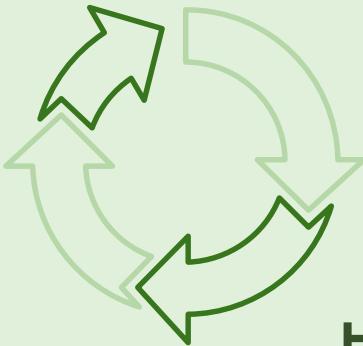
- EU Green Deal, carbon taxes, ESG mandates
- Demand low-carbon farming solutions
- Compliance is essential for competitiveness



BIOAKTIV®: 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:

Policy Alignment

Regulatory support and incentives for sustainable practices.

Profit Potential

High ROI and robust revenue streams for investors.

Planetary Urgency

Addressing critical environmental and climate challenges.

Patented Speed

Rapid processing through innovative CEC technology.

Circular Economics

Waste diversion and resource efficiency at its core.

Verifiable Impact

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® 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 CO2e

Strategic Partnerships

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

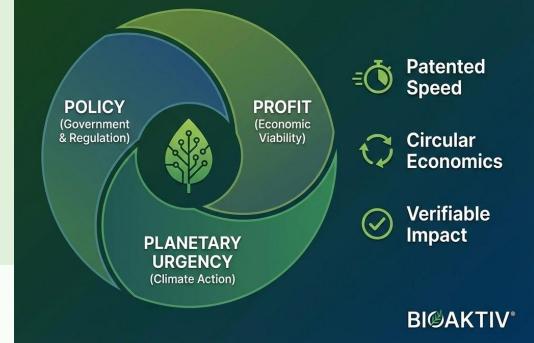
Regulatory Pressure

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."

This is the decade soil regeneration becomes a \$100B market.

BIOAKTIV®'s tech uniquely converges policy, profit, and planetary urgency.



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

Foundation

GreenGrow B2B2C Plant No. I

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

Scale

Construction of B2B2C Plant II and III

- Total gross floor area: 13,718.30 m².
- 3x composting units, 12x landfills.
- Beginning development of BIOAKTIV® app & Humus-as-a-Service platform.

Expansion

Construction of B2B2C Plant IV and V

- Total gross floor area: 27,706.32 m².
- 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

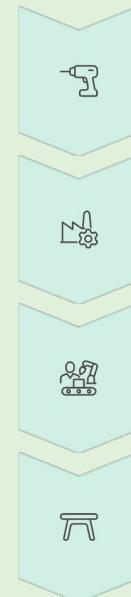
€3.675.000 Pre-Money Valuation

€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. I

Complete buildout and equipment

Production Line Expansion

Automated CEC technology deployment

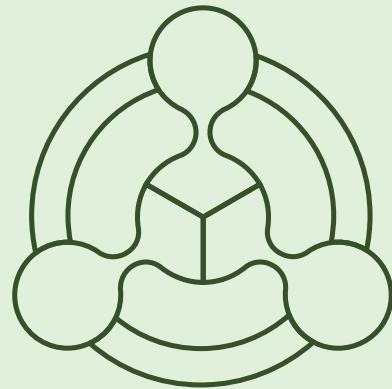
Working Capital

Operational scaling and market expansion

Pathways to Strategic Acquisition

Scale Technology

Modular deployment to farms/wineries for lower costs.



Market Size

\$20B market with 12% CAGR growth.

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-Founder

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



Marcel Primožič
CEO & Co-Founder

Deep experience in agribusiness & sustainable tech commercialization.



Darjo Željan
COO & Co-Founder

Operations expert; specializes in scalable manufacturing & supply chain.



Tina Jan
CSO & Co-Founder

Strategic leadership from multiple director roles for success as CCO.



Klemen Zupančič
PhD, CRO & Co-Founder

Research director advancing soil microbiology & carbon sequestration.



Žiga Bolta
PhD, RD&I

Independent consultant for new product development.



Kristjan Brozovič
CMO & Co-Founder

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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