

MOSTRA DOS
**FUNDOS
EUROPEUS**

Project Pitches
**Research
and Health**





Blossom Genetics

Hugo Galaio

Research and health

Blossom Genetics

Region: Alentejo

Funding programme: Alentejo 2030

Amount of EU support: 582.235,53€



BLOSSOM

LEADING EUROPEAN MEDICAL CANNABIS CMO

Innovation in Production

Benavente, Portugal

www.blossompharma.com



CONFIDENTIAL



The Objective of the Project

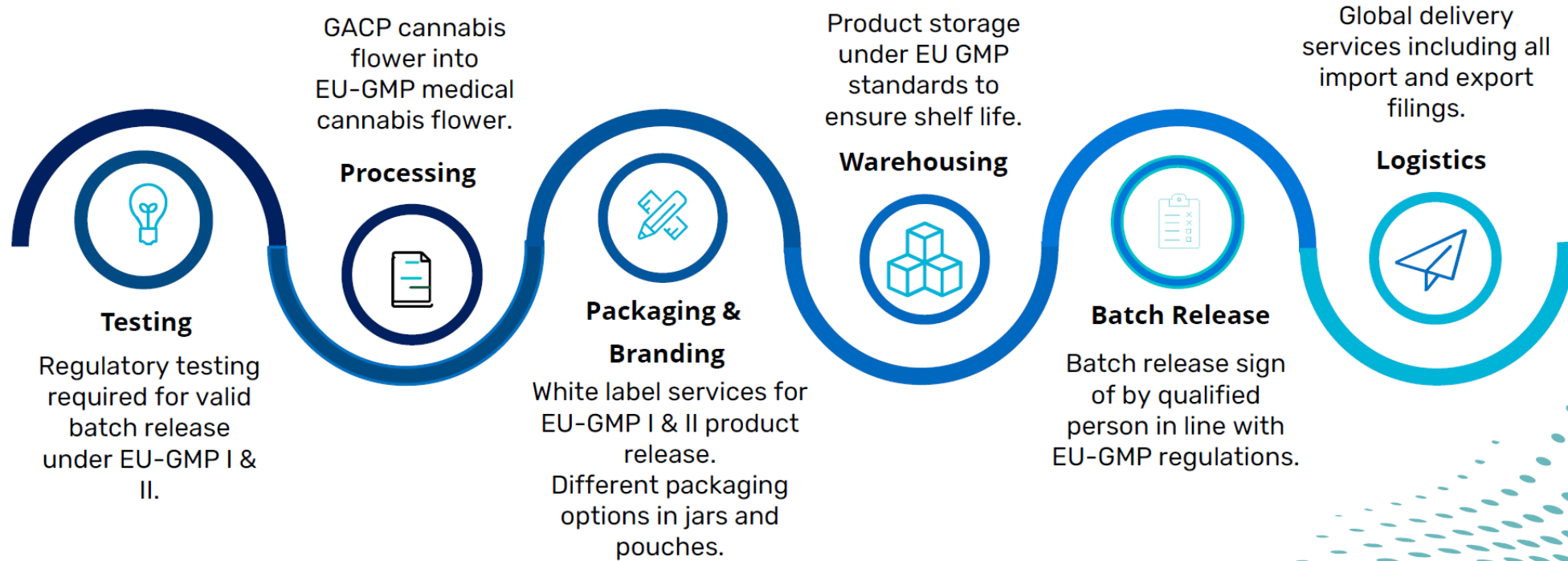
Our goal:

Create Portugal's most advanced **EU-GMP certified cannabis processing unit**, enabling the production of **high-precision, pharmaceutical-grade dried flower** for the global medicinal market.

We set out to:

- Build a new industrial facility dedicated to GMP cannabis processing
- Deliver consistent API-grade flower with controlled cannabinoid & terpene profiles
- Establish a base for future phases: extraction & indoor cultivation
- Position Portugal as a leader in European medical cannabis manufacturing

End to End Service



- ✓ Pre booking manufacturing slots
- ✓ Big batches



The Need / Why This Project Matters

Growing Demand

Growing global demand for **regulated, high-purity cannabis APIs**

Opportunity for Portugal

Opportunity for Portugal to compete in a **rapidly expanding EU medical market**

Lack of Data

Industry lacks **consistent, data-validated, GMP-compliant production**

Export Potential

Strong export potential (80% forecast)

This project fills a critical industrial gap in Portugal.

What We Built

A 7,418 m² pharmaceutical-grade facility including:

- Class D cleanrooms (ISO 8)
- Controlled drying, stabilisation & finishing rooms
- EU-GMP compliant packaging (primary & secondary)
- Quality Control laboratory
- Secure storage & logistics
- Full security infrastructure (CCTV, access control, intrusion alarms)
- Precision-controlled AVAC system for air quality
- A complete GMP processing ecosystem — built from the ground up.



Our Facility

Site Plan



Total Land Area = 180,000 sqft

Our Facility

Processing



Contribution of European Funds

Total Eligible Investment: €1.46M

Approved Incentive (Non-refundable): €582k

European funds enabled us to:

- Upgrade the facility to full GMP and cleanroom standards
- Install Process Analytical & multivariate monitoring technology
- Implement Lean manufacturing layout
- Acquire critical systems for drying & environmental control
- Strengthen commercialisation through marketing innovation
- Create newly qualified jobs

Without EU support, the GMP scope and technological innovation would not have been possible at this scale.

Results Achieved



Industrial Impact

One of Portugal's most advanced GMP cannabis processing units.

Ability to produce two product lines:

- API in bulk
- Finished packs (5–25g and 500g)



Economic Impact

Economic Impact
Forecast turnover (2026): €10.5M

- 80% export intensity
- Over 7 skilled jobs created



Innovation

First facility in the region using multivariate drying analytics

Integrated technology for real-time quality monitoring

A fully digital, data-integrity-focused process



Regional Impact

A High Value industrial activity in Benavente, Reinforcing Alentejo's strategy for innovation – driven manufacturing

Thank You

Empowering pharmaceutical innovation through precision-engineered cannabis APIs



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Hugo Galaio

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Coimbra

www.blossompharma.com | contact@blossompharma.com

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