



# ALOE SPARTA

The Hellenic Aloe Vera Company

Company Profile • 2022

## The Company

AloeSparta is a newly founded, innovative Greek company committed to produce freeze drying aloe vera powder of the highest quality capitalizing on:

- ▶ the ideal climate of South Peloponnese that perfectly matches the needs of aloe vera
- ▶ the long standing agricultural tradition of the region
- ▶ the cutting edge of technology in all the different phases of the process

AloeSparta is founded by a mix of investors and local farmers who realized the potential of aloe vera cultivation in South Peloponnese.

Farmers hold 30% of the capital stock. The strong representation of the farmers in the company is vital for an integrated business model from A to Z that guarantees the highest quality of aloe vera leaves



## Why Here/Why Aloe Vera

The proximity of the plantations with the factory secures that all aloe vera harvested leaves are transferred for processing within less than an hour. Hence the acemannane levels in the leaves are well preserved from undesirable degradation



## Why Here/Why Aloe Vera

Under construction: Climate vs Aloe vera needs



## Optimal Farming Conditions

All plantations are officially certified as organic ones or under transition to organic plantations by DIO, a well reputable non profit National Organization, authorized for the certification of organic agricultural products in Greece

Close collaboration of the Agricultural University of Athens (AUA) with all farmers so that every farmer gets tailor made guidance and applies the optimal farming technics, suited for the specific plantation.

Continuous evolvement of farming technics through a training program, driven by the Agricultural University of Athens.

## Optimal Farming Conditions

All plantations are closely and regularly monitored throughout the cycle of the farming so that only the best aloe vera leaves are timely harvested and processed to powder

Harvest from well experienced workers and instant transfer to the near by factory secure the best possible preservation of acemennane and other valuable polysaccharides from degradation

**ALOE**  
SPARTA



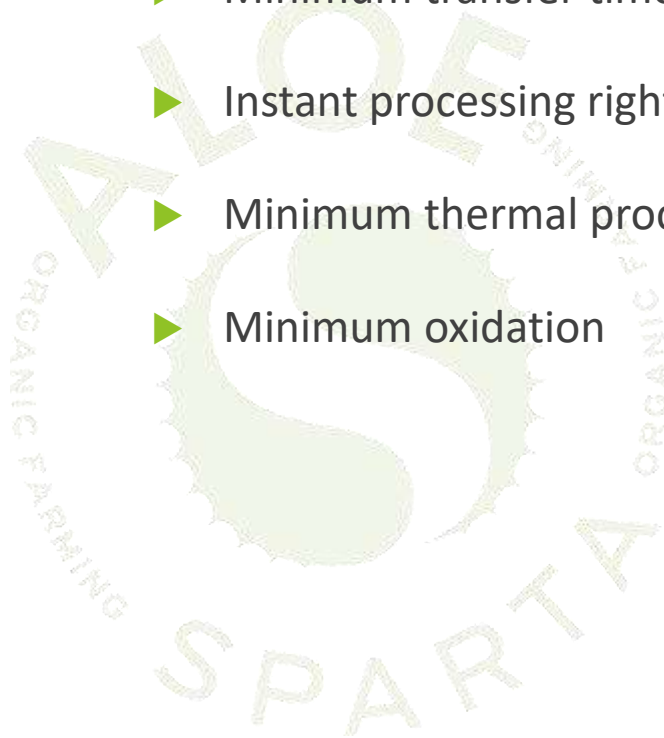
ΓΕΩΠΟΝΙΚΟ ΠΑΝΕΠΙΣΤΗΜΙΟ ΑΘΗΝΩΝ  
AGRICULTURAL UNIVERSITY OF ATHENS



## State Of The Art Processing Secures Acemannane Preservation

High quality standards for the end product are met through:

- ▶ Minimum transfer time from the plantation to the factory
- ▶ Instant processing right after the arrival of aloe vera leaves to the factory
- ▶ Minimum thermal processing
- ▶ Minimum oxidation



## Cutting Edge Technology

Automated leaf cleaning and filleting equipment

HTST (high temperature short time) thermal processing apparatus

Custom made membrane filtration apparatus for juice concentration

Industrial freeze dryer for powder production





## Certifications

Currently in the process to get certifications by well established, reputable organizations from the plantations till the end product

- ▶ FSSC 22000 ( Food Safety System Certification )
- ▶ ISO 9001:2015 (Quality management certification system)
- ▶ Organic Certification according to Regulation (EU) 2018/848 by DIO

**ALOE**  
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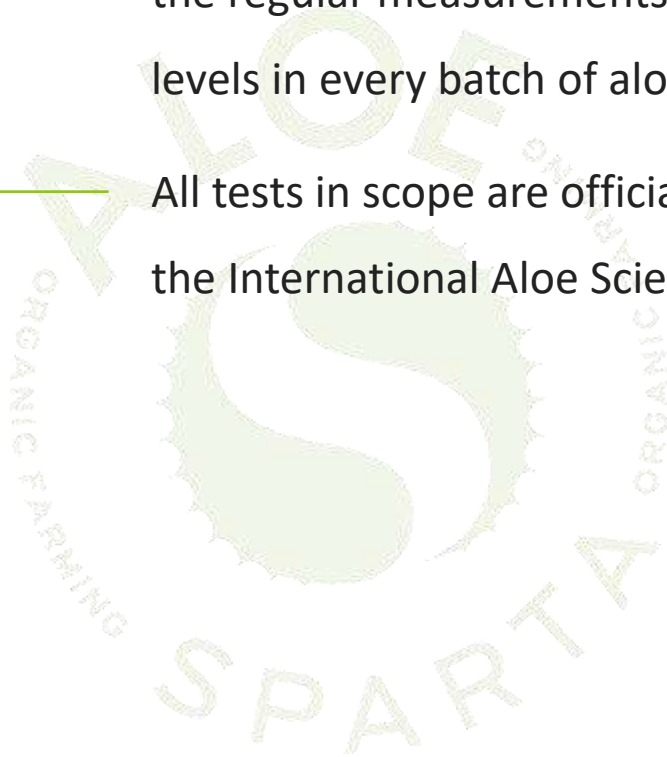
ISO 9001:2015  
Quality Management System



## **Rigorous Quality Monitoring Standards**

Currently the collaboration with the certified labs of the Agricultural University of Athens is assessed for the regular measurements of acemannane and aloin levels in every batch of aloe vera powder.

All tests in scope are officially approved by the International Aloe Science Council



## Timelines

— Certified organic plantations (and plantations in transition phase) ready to supply aloe vera leaves, fully meeting the capacity of the factory

— The factory is up and running as of end of April

— Tests and any necessary corrective actions in the process in May

— Mass production as of June 1<sup>st</sup>

 **Back up slides**



## Our Vision

AloeSparta is an innovative, fast growing company committed to produce aloe vera powder of the highest quality, capitalizing on the ideal climate and the long standing agricultural tradition of South Peloponnese along with the cutting edge of technology along the process.




A small green icon of a stylized leaf, similar to the one in the main logo.

## Our values




Passion for excellence



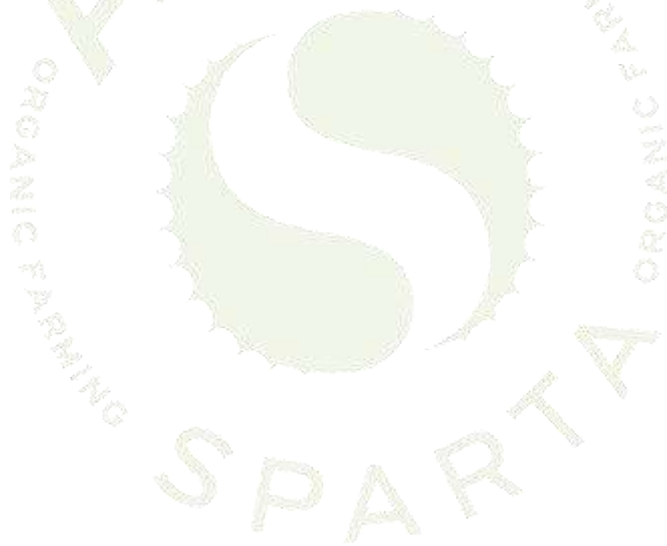
Entrepreneurship with social responsibility. Strong footprint in the local society



Sustainable growth for shareholders and farmers



Eco friendly farming and processing (low water consumption, organic methods, optimum handling of wastes)



## Main Objectives

- High return of investments for the shareholders
- High and sustainable income for the farmers
- Gradual shift of water and chemical consuming plantations to eco-friendly, organic aloe vera ones
- Employment and development of highly skilled local employees
- Enforcement of a modern and dynamic business culture in the local society, yet fully in line with the long standing agricultural legacy of Vatika region

## The Business Concept

The processing of aloe vera leaves for the production of aloe vera powder via freeze drying technology emerges as a business opportunity for European and Greek markets.

Key success factors are:

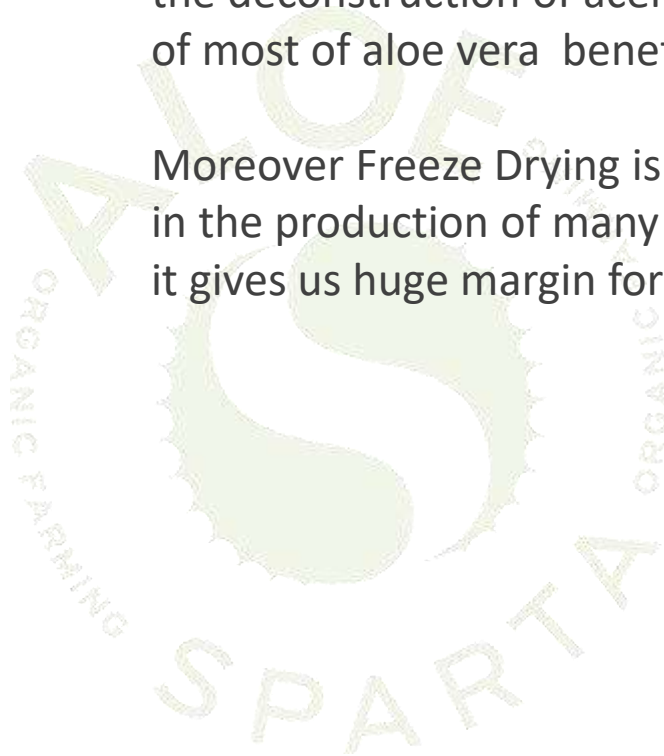
- ▶ The well accepted value of aloe vera and hence the increasing demand in high quality product,
- ▶ the scarcity of aloe vera plantations in Europe
- ▶ the volatility and unpredictability of the prices and quality of Latin American and Indian supplies,
- ▶ the ideal climate conditions for the cultivation of aloe vera plantations in South Greece



## The Business Concept

The freeze drying technology yields the highest quality of aloe vera powder as (vis a vis all other current technologies) it minimizes the deconstruction of polysaccharides and particularly the deconstruction of acemannane which is the key ingredient of most of aloe vera beneficial attributes.

Moreover Freeze Drying is a technology that penetrates rapidly in the production of many other agricultural products, hence it gives us huge margin for expansion in the future



## **Corporate philosophy and business model**

The company is founded by a mix of investors and farmers who realized the potential of aloe vera cultivation and processing in South Peloponnese.

Farmers represent 30% of the capital stock. The strong representation of the farmers in the company is vital for an integrated business model from A to Z that produces the highest quality of aloe vera powder

All plantations are organic or under transition to organic ones. They are closely and regularly monitored throughout the cycle of aloe vera plant so that only the best aloe vera leaves are harvested and processed to powder

## Corporate philosophy and business model

Freeze drying technology guarantees that polysaccharides and acemannane are well preserved through the process, till the production of aloe vera powder

Standardization and predictability are fundamental notions throughout the process. All batches of aloe vera powder are tested by independent, certified, well established university lab so that we can guarantee the quality and the consistency of the final product we supply

