AUA TECH TRANSFER
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AUA
Agricultural University of Athens
Project of Technology Transfer

Connecting
Scientific research
with Business ideas

PROJECT TITLE

The journey of "Oregano" from tradition to innovation

CLIENT

- Apivita, Korres: Cosmetology
- Vitro Hellas: Propagation material
- Askafefa: Rural Cooperative of MAP's

OBJECTIVES / ENTREPRENEURIAL OPPORTUNITIES

The object of the commercial use of the invention.

- The development of business plan for the crop of "Oregano type plants", originated from the Greek island Ikaria (Aegean Sea) and characterized of high herbal and particular qualitative and quantitative traits (high percentage essential oil yield and high carvacrol content, its main bioactive constituent).
- Subscription of the studied "aromatic medicinal plants" in the National Catalogue of Varieties of Greece.
- Production and trade of certified propagation material.
- Pharmaceutical use of "oregano essential oil" in animal feed (plant origin antibiotics).

SOLUTION

How to manage our goals

- Chemotypic analysis of the studied "oregano plants", Origamun vulgare spp. hirtum (L.), Satureja thymbra (L.), Coridothymus capitatus (L.), and Origanum onites (L.).
- Establishment of maternal plantations from selective "oregano plants" in Ikaria and A.U.A.
- Study of acclimation of the selected "oregano plants" in the different environments for six consecutive years (qualitative and quantitative determination of essential oil constituents).
- Development of reproductive material (plant tissue, rooted shoots).

RESULTS

Profits : a) Certified "oregano plant" material, b) Essential oils products of high added value, c) Potential uses in Pharmacopeia, Food and Cosmetic Industry.

OUR TEAM

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