



agrobot

Digitizing Agriculture

Vision-based DSS for Precision Farming

Computer Vision and AI to get insights and metrics from crops and support farmers and technicians



The first DSS mobile app that brings precision agriculture into the hands of farmers and technicians



Stereoscopic camera on tractor/quad for health assessment and yield estimates



Drone survey equipped with a multispectral and thermal camera to analyze crops

Problems



Inefficient Use of Resources
Water, Pesticides, Fertilizers

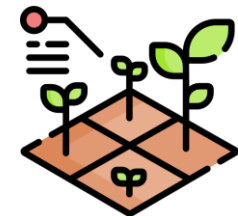


High Operational Costs
+25% in the last 5 years



Water Scarcity

-20% in the last 5 years



High Technology Costs
Main barrier for the adoption of
precision farming tools

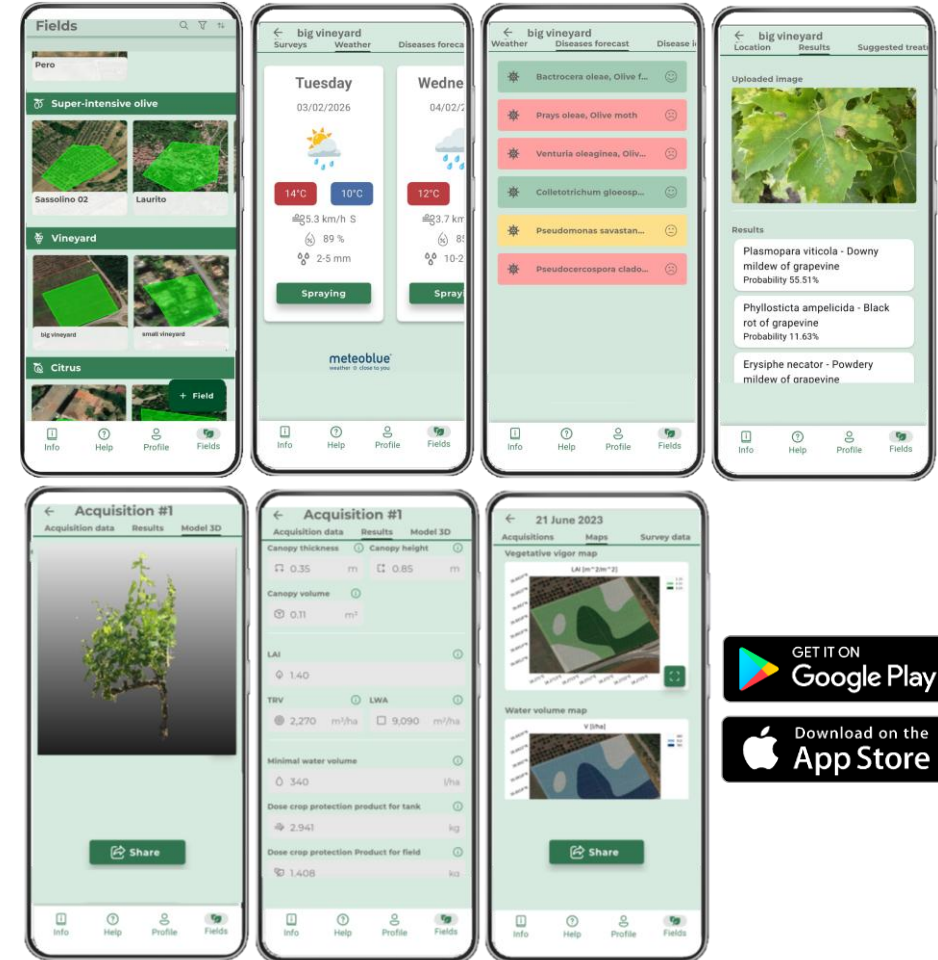
Solution



iAgro, your digital agronomist to have precision farming at hand!

Features:

- Biometric analysis of tree crops
- Vigor maps and biomass variability identification
- Prescription maps for optimized treatments
- Super-local weather forecasts
- 3D models of plants (digital twin)
- Disease identification and forecast
- Fruit yield estimation and forecast
- Trees CO2 absorption estimation
- Reporting with insights on soil/climate/crop
- GenAI recommendations



Reduce Costs
for agro-inputs
(up to -50%)

Increase
product quality and yield
(up to +20%)

Reduce Impacts
on workers
and environment

Market & Customers



Farms

800k Italy
2MLN Europe



Consortia

Cooperatives
Associations



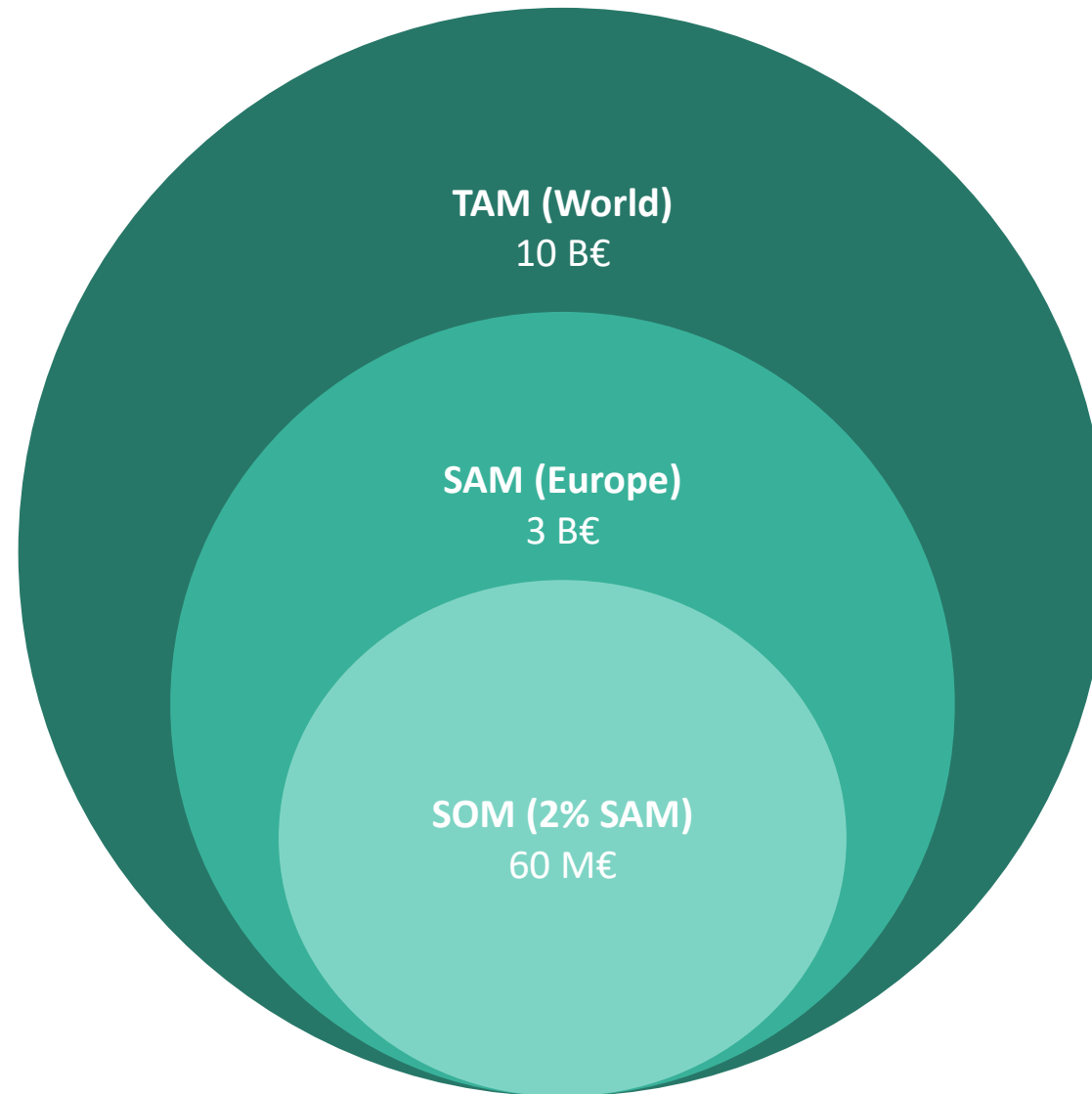
Technicians

Agrotechnicians
Agrochemical companies
Machinery manufacturers



Financial Services

Banks
Insurance



Business Model

Freemium business model based on customer segments



iAgro Basic

120€/year

1 farm
5 ha
100 scans



iAgro Farmer

250€/year

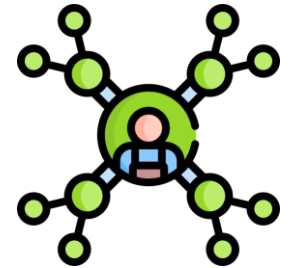
1 farm
25 ha
500 scans



iAgro Professional

390€/year

10 farms
50 ha
1.000 scans



iAgro Enterprise

790€/year

25 farms
100 ha
2.000 scans

AgTech Consultancy

API resell

Competitors



Quantitative AI-driven DSS
Low cost (hardware-less)
High scalability (smartphone)



VitiCanopy

agerpoint

Plantix

PocketSPRAY

Low Precision

High Precision

Elaisian

TARANIS

HORT@
From research to field

bloomfield

High Cost

Roadmap



R&D



Validation and Testings



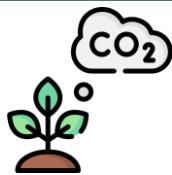
PROOF OF CONCEPT POCs



Weather forecast integration



Disease and yield monitoring



Carbon stock assessment models



Agricultural operation registry



Agritech Machinery and Platform Integration



Smart glasses integration

S&M



MVP in Q1 2024



Italy launch Q2 2024



Strategic partnership
500 users



Europe launch in Q1

3k users

5k users

10k users

Funding



Pre-Seed AUCAP 120k€

Seed funding 500k€



Voucher 20k€

+500 k€ tot. funding from R&D regional and European projects

+1M€ tot. funding from R&D regional and European projects

Series A funding (1M€-5M€)

Team



Niccolò Bartoloni

COO – Agronomist

20+ years winery manager
6+ years precision farming



Simone Kartsiotis

CEO/CTO – Aerospace Engineer

8+ years industry
6+ years precision farming



Andrea Cruciani

CFO/CIO – ICT expert

CEO Agricolus srl & Team Dev srl
15+ years in ICT



Giuditta Bertani

Communication Manager



Luana Centorame

Agtech R&D Project Manager



Gabriel Mucavero

Full Stack Developer



Chiara Fantoni

Computer Vision & AI Specialist

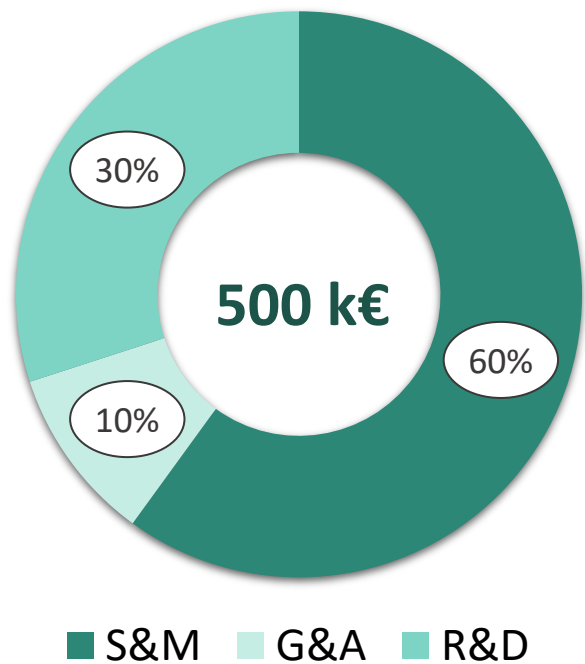


Francesco Manara

Agronomist & Sales Manager

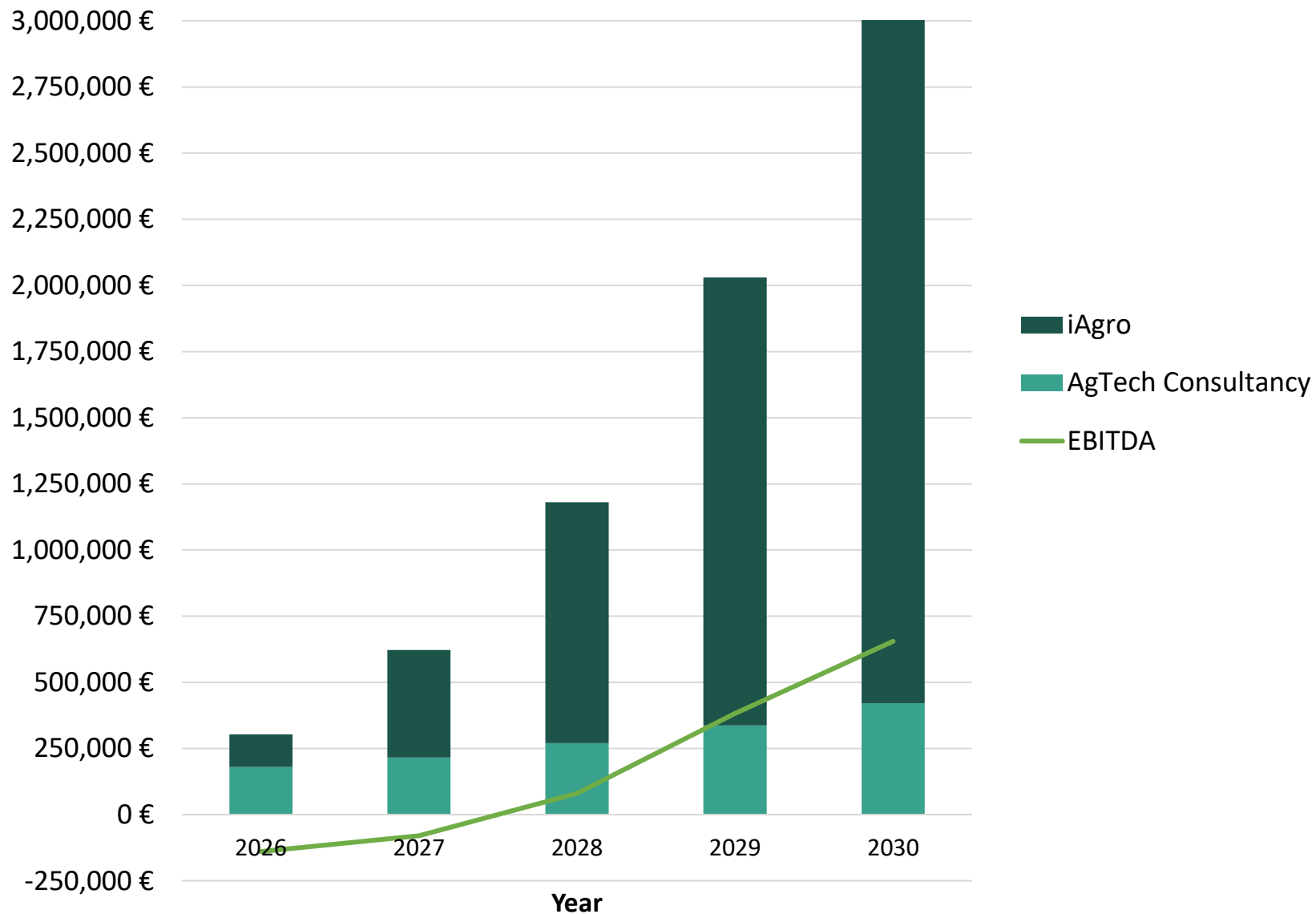
Funding & Financials

Seed Funding
(3 MLN€ Pre-Money)



KPIs

ARPU: 97 €
LTV: 388 €
CAC: 63 €





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