



# PLANTVOICE

GROW BETTER IMPROVE THE PLANET

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# PROBLEMS

**Stress affects the quality of the agricultural product** (color, shape, and taste)

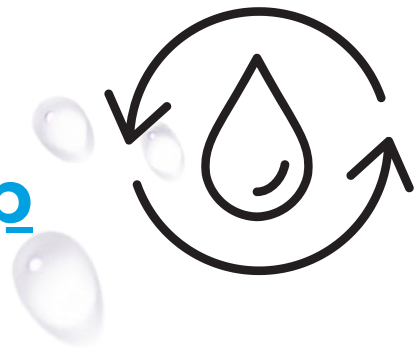
Uncontrolled stress results in an **87% decrease in productivity**.

There are no real-time technologies for stress management



# PLANTVOICE AS A SOLUTION

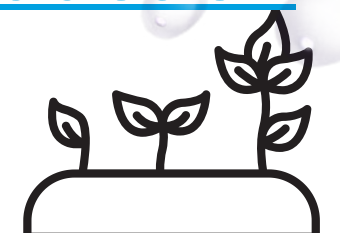
Improves irrigation efficiency by up to 40%.



-13% production costs



+10% of the production output



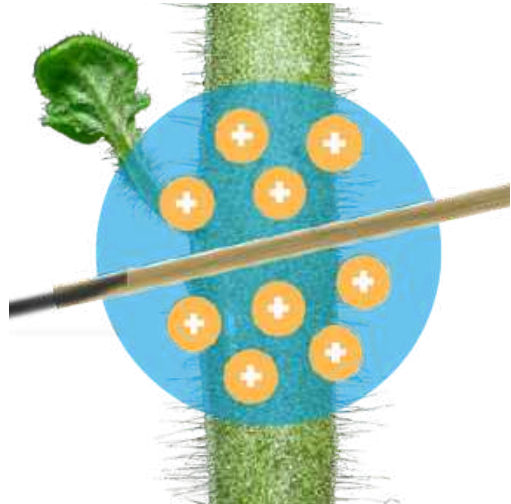
DIRECT Monitoring of plant's health in real-time



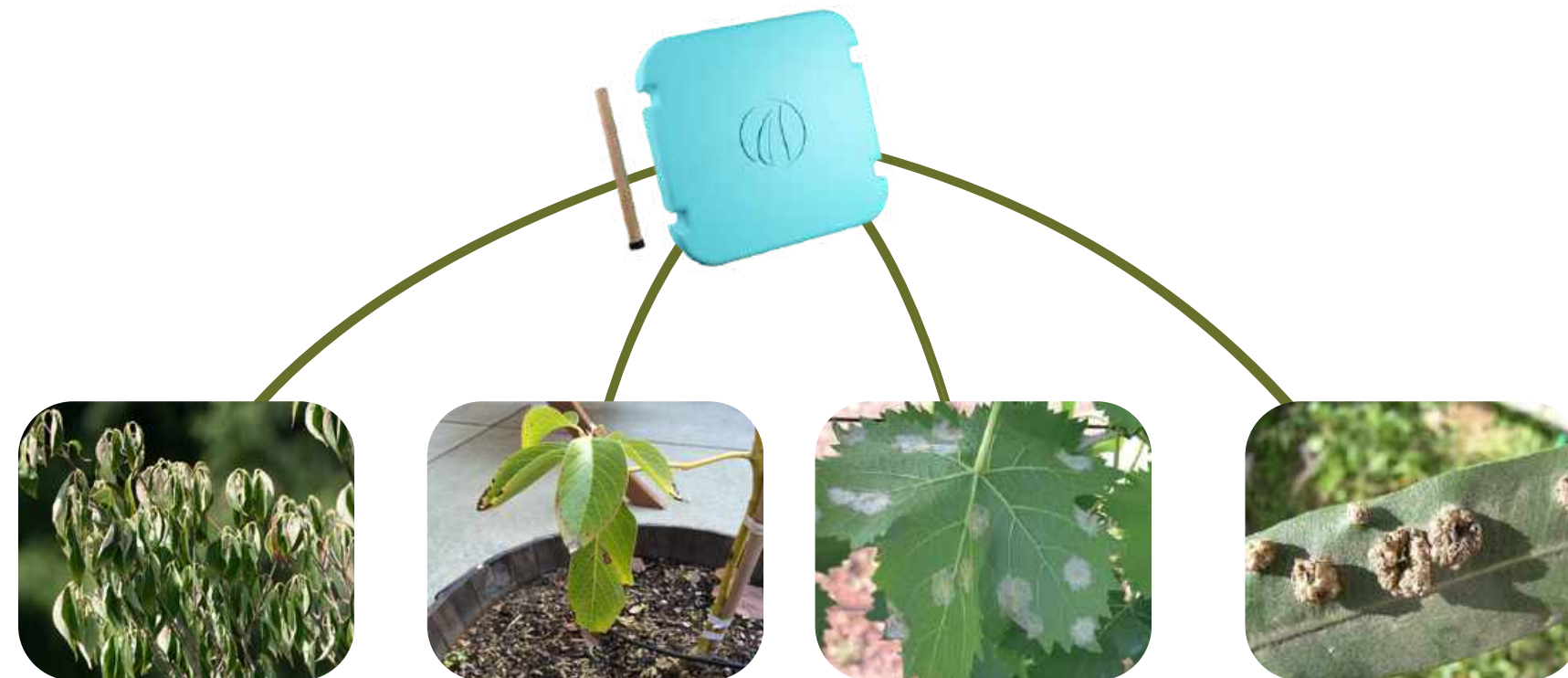


## Monitors the plants' stress levels in real time.

Italian, European, and PCT patents



Monitors **real-time** sap flow

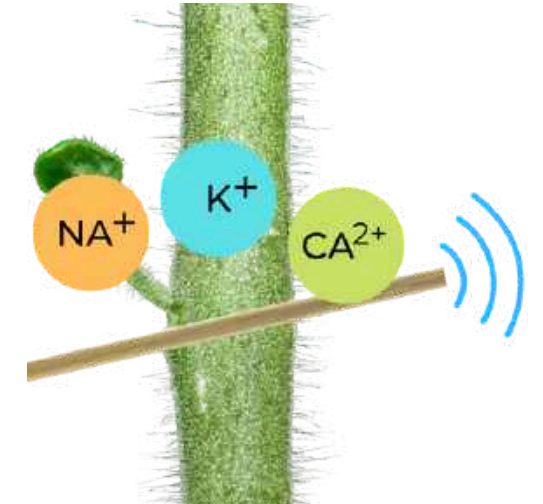


**DROUGHT  
STRESS**

**SALINE  
STRESS**

**FUNGAL  
STRESS**

**BACTERIAL  
STRESS**



determines the **ions concentration** in the sap



# CUSTOMERS AND RESULTS

PLANTVOICE



RETE ALTA TECNOLOGIA  
EMILIA-ROMAGNA  
HIGH TECHNOLOGY NETWORK



TECNOPOLO BOLOGNA CNR

**€80,000 revenues**

**15 hectares monitored**

**€40,000 prizes**

## Research Partners



**eurac  
research**





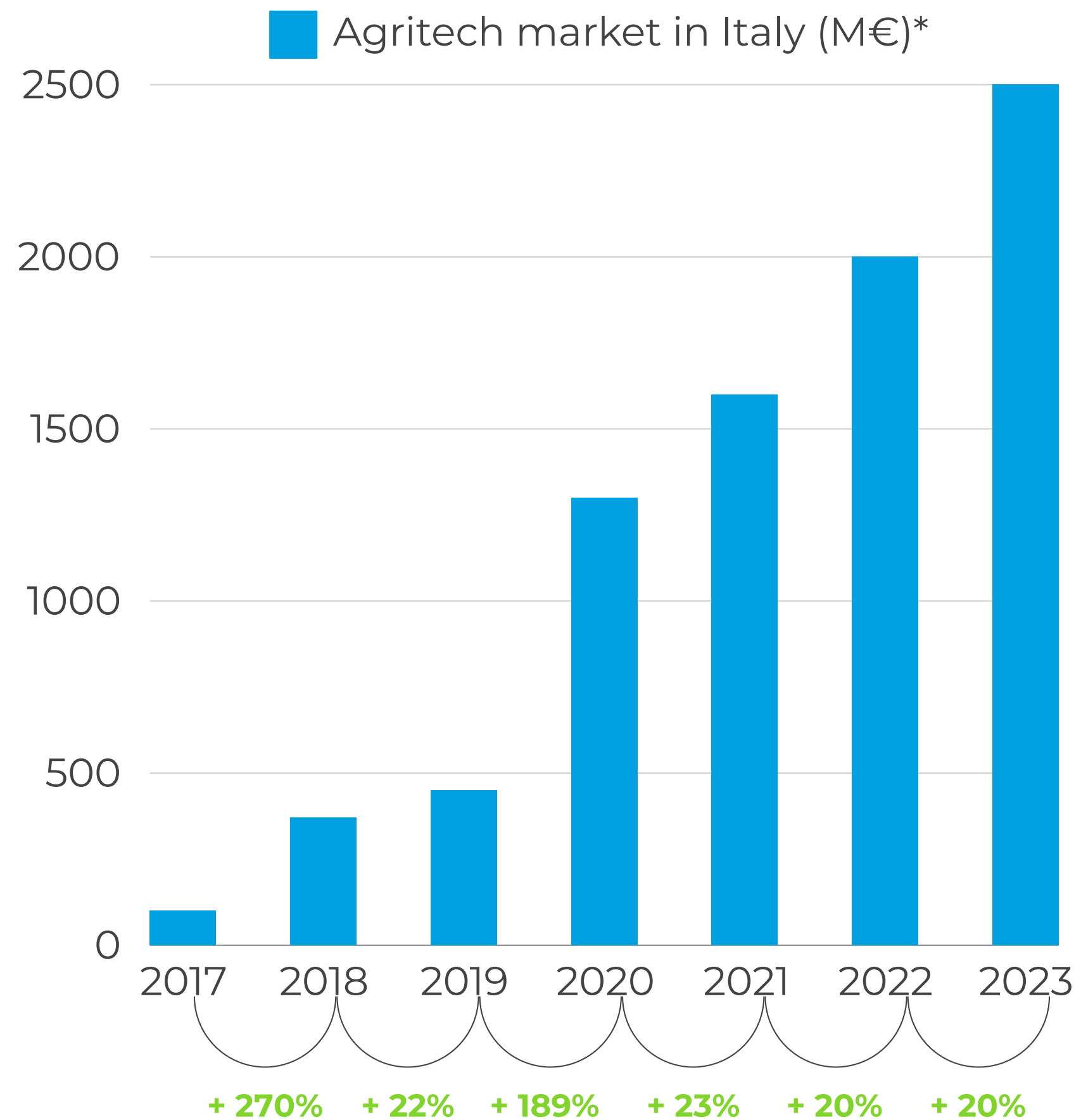
# Field Installations

Click [HERE](#) for the video



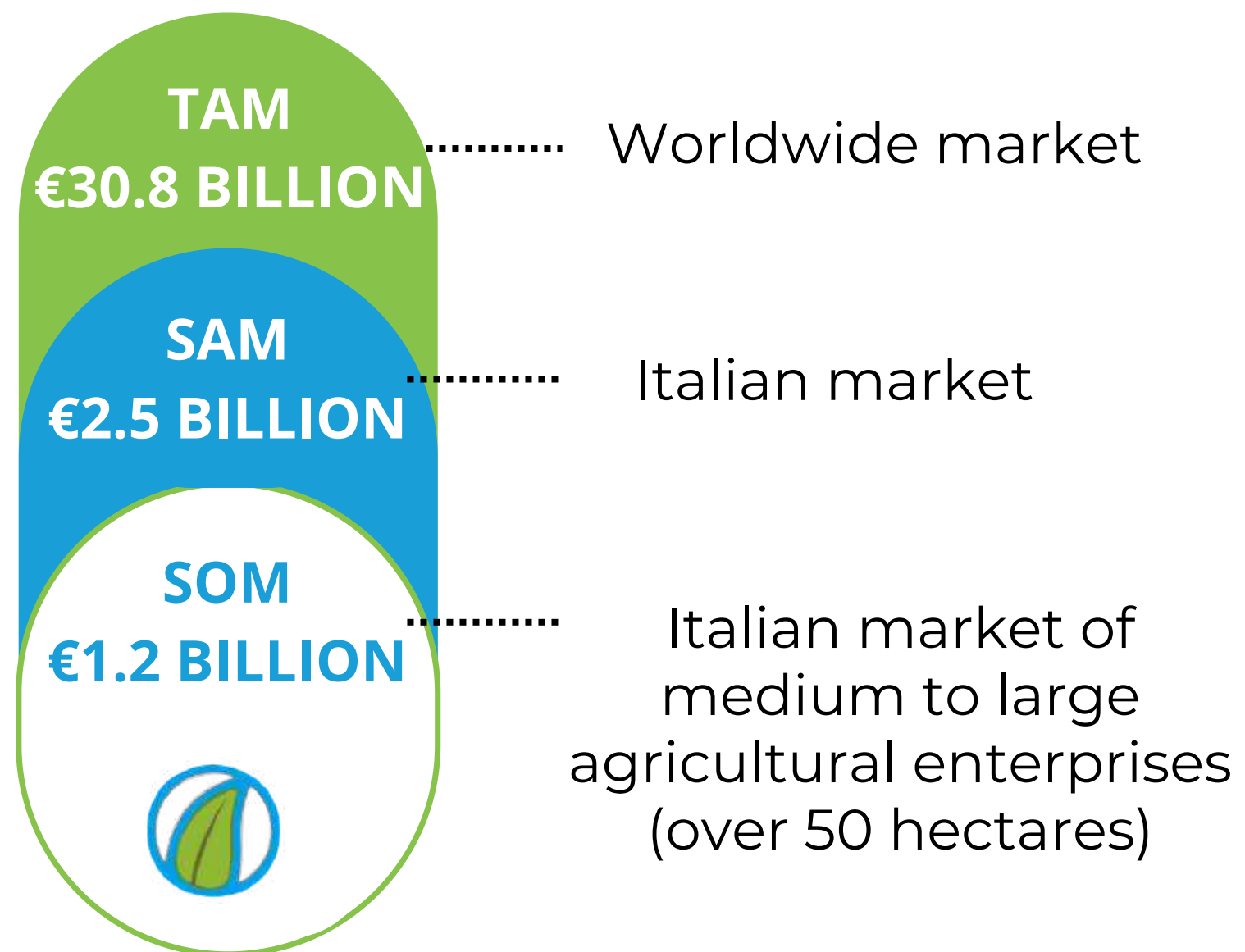


# WHY NOW?



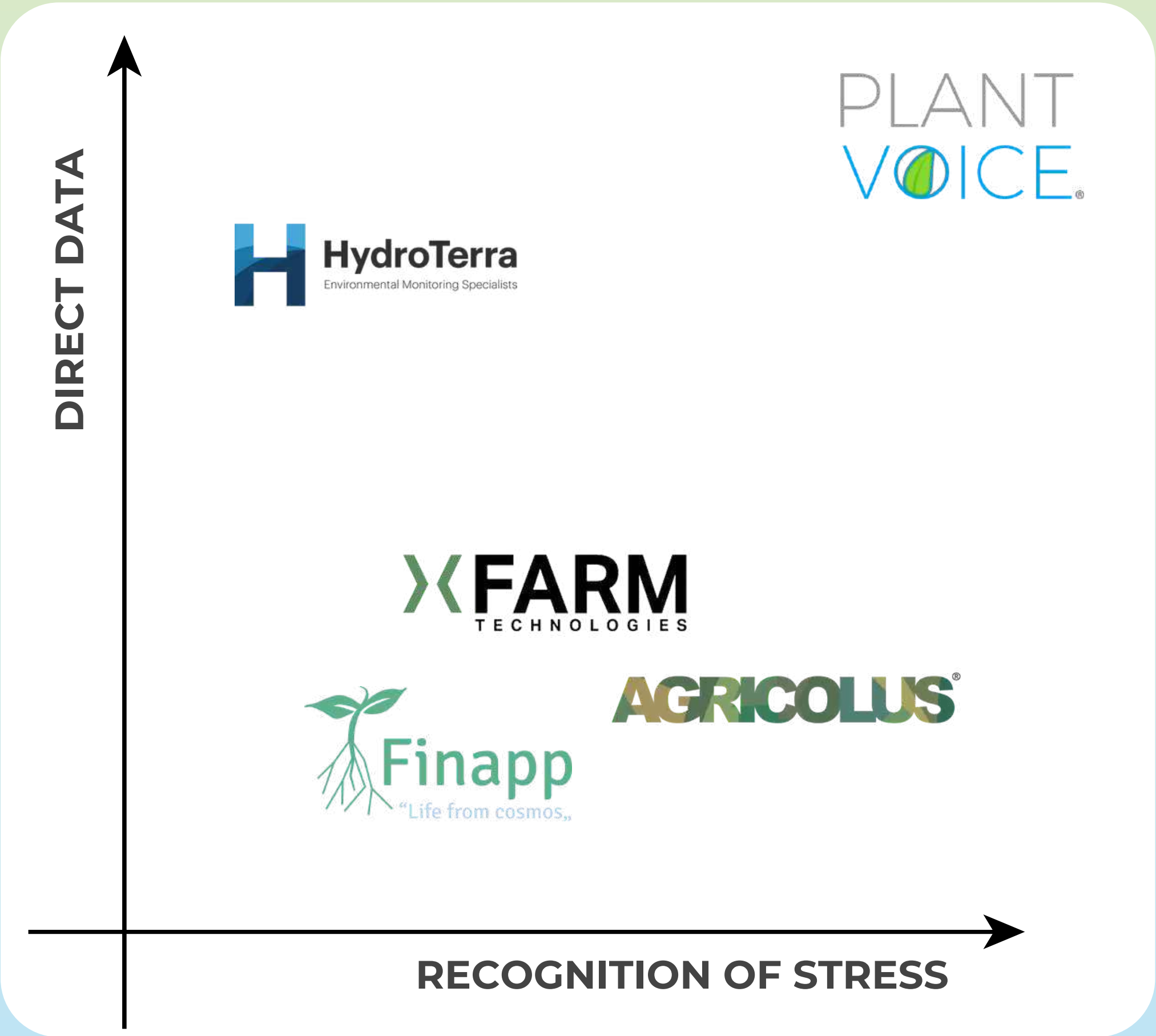


# AGRITECH MARKET



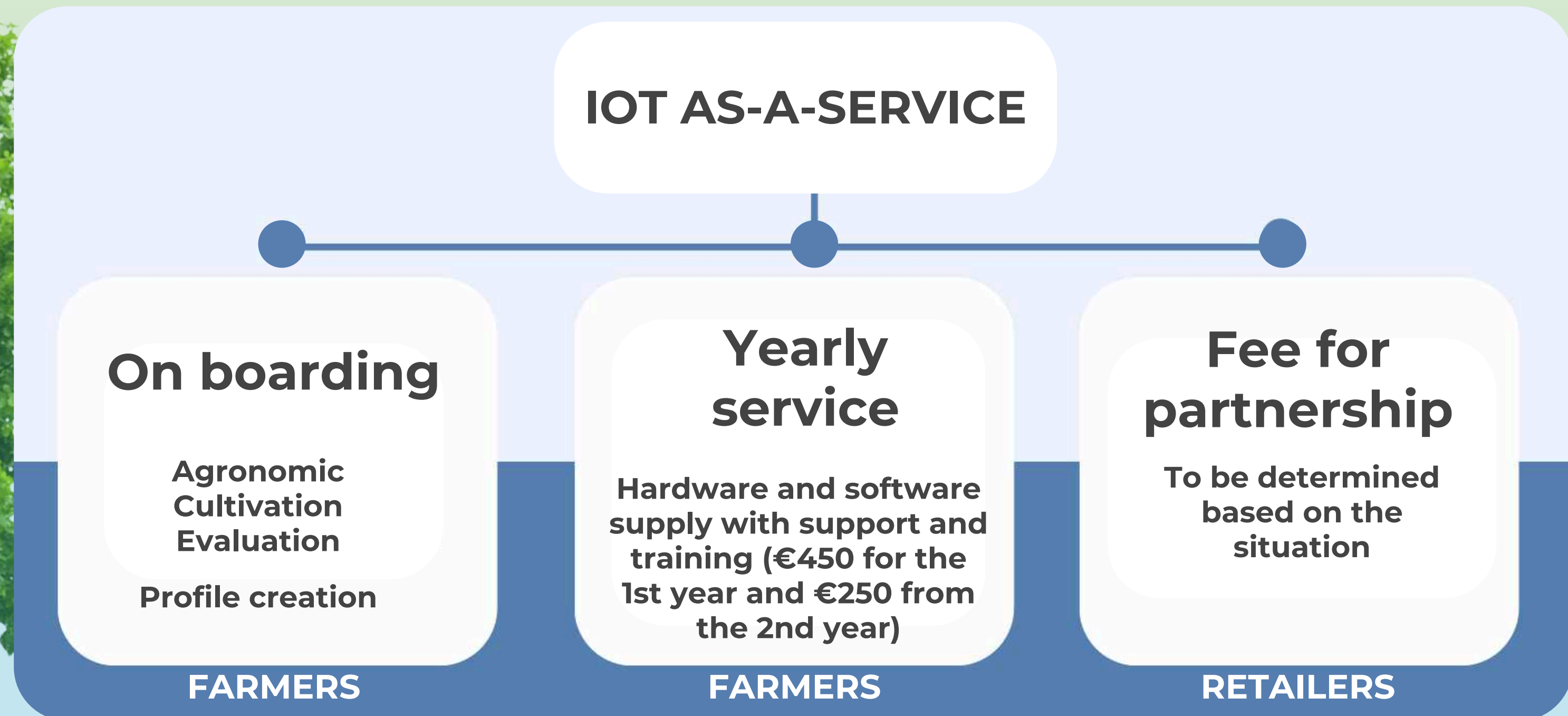


# COMPETITORS



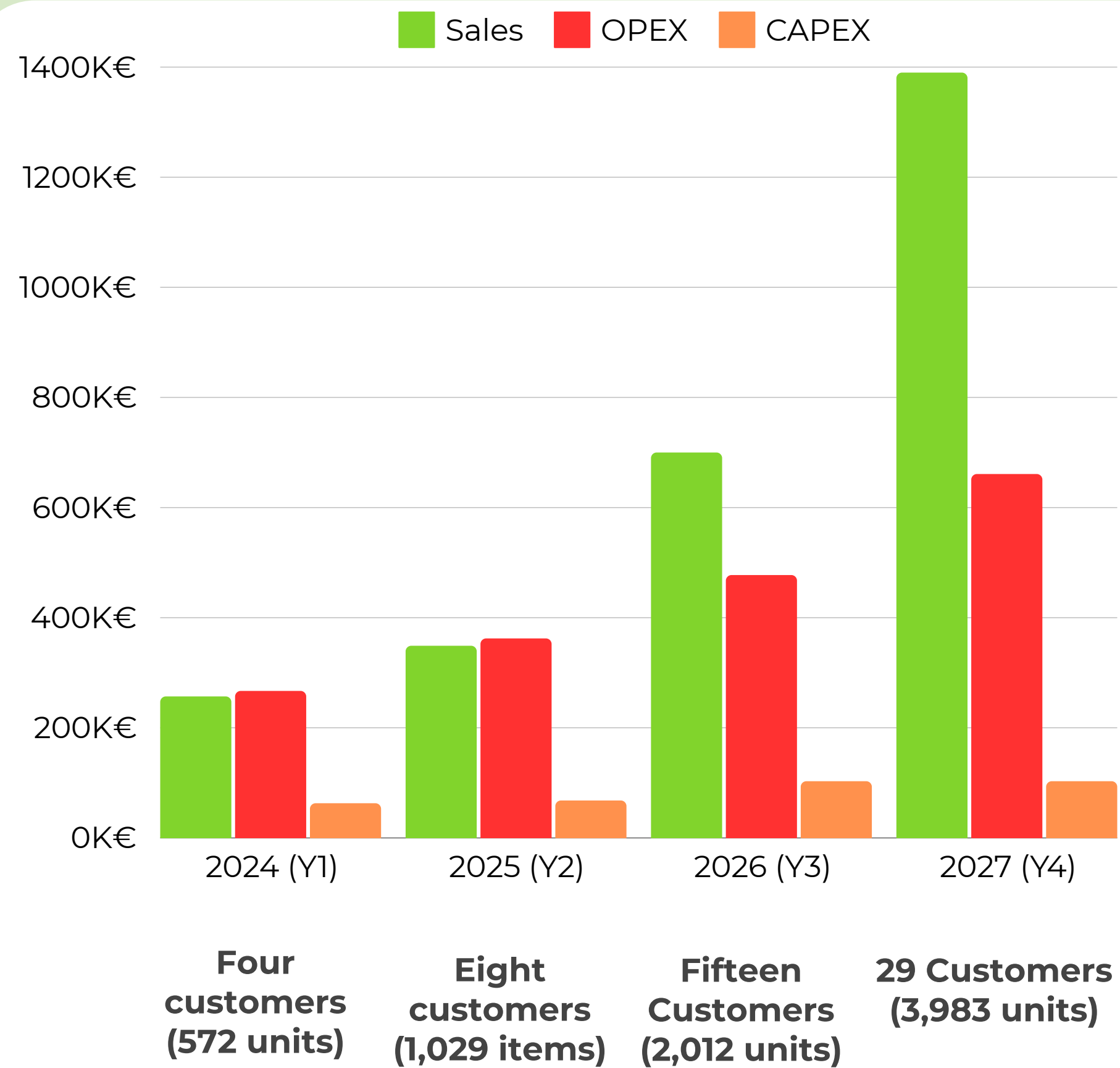


# BUSINESS MODEL





# FINANCIALS



## EBIT

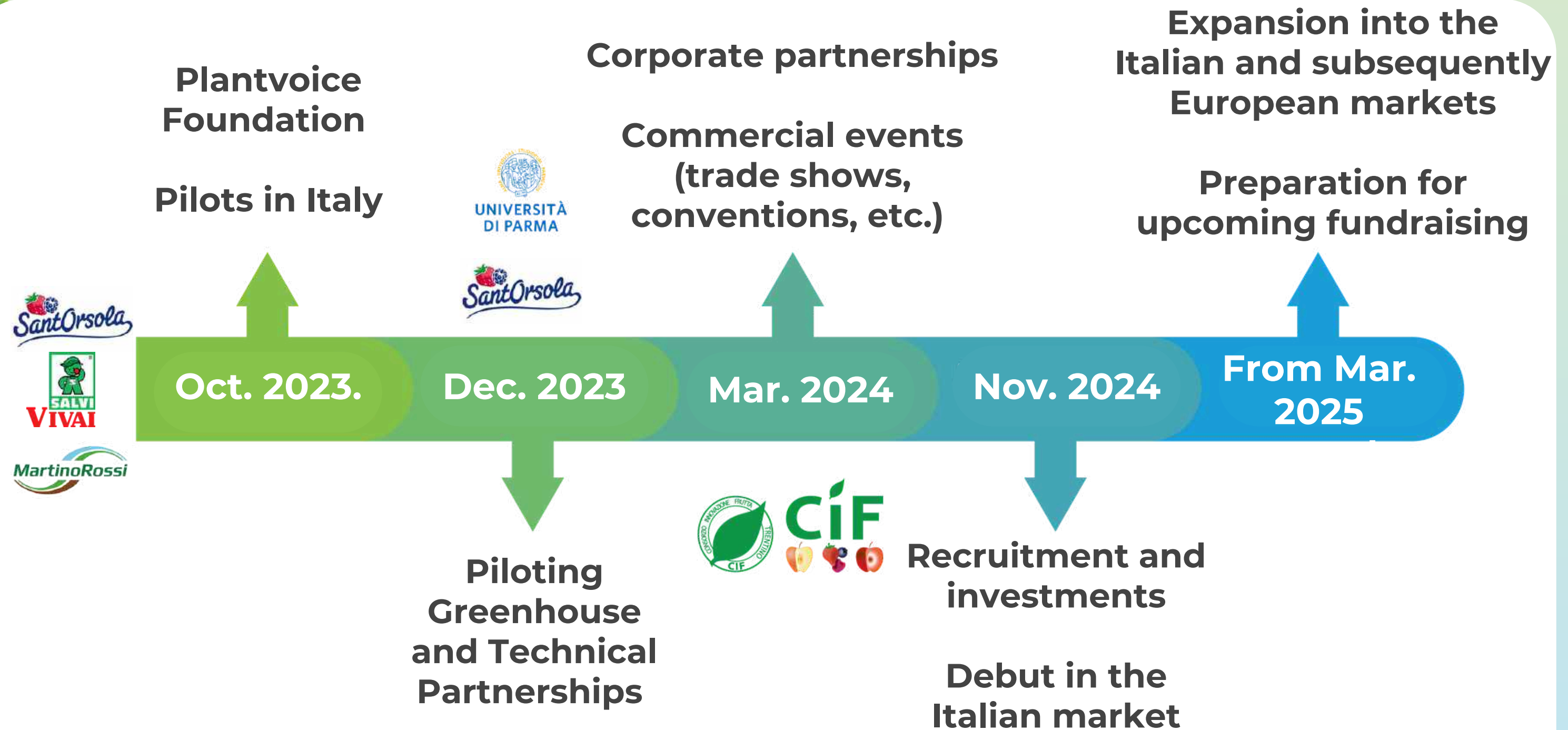
-28,3%	-23,4%	17%	45%
Y1	Y2	Y3	Y4

## Monthly Burn Rate

-6.060€	-6.800€	9.941€	52.180€
Y1	Y2	Y3	Y4



# ROADMAP





# TEAM



**Pierluigi Lodi  
Rizzini**  
COO - IP & Legal  
Advisor



**Matteo Beccatelli**  
CEO - Chemist and  
sensors scientist



**Tommaso  
Beccatelli**  
Agricultural  
Entrepreneur &  
Production Manager



**Giacomo Giannarelli**  
Financial and  
European Grant  
Management



**Massimo Ferri**  
Manager of Artificial  
Intelligence and Data  
Analysis



**Giovanni Collinetti**  
CMO



**Simone Radaelli**  
Manager of User  
Experience, User  
Interface, and  
Internship



# THANKS

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**MATTEO BECCATELLI**

*CEO Plantvoice s.r.l. innovativa S.B. | Bolzano (Italy) | [m.beccatelli@plantvoice.it](mailto:m.beccatelli@plantvoice.it) | +39 371 1838259*







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