



TAKEOFF ACCELERATOR - 2023

Xploro  
DRONES

HIVE SYSTEM

## PROBLEM

# Italian military autonomous aerial system's deficit: a challenge to be faced

- Operationality on **individual** aircraft
- Constant need for an operator
- Most of the systems are **automatic** and not **autonomous**
- In case of unforeseen events, the mission failed



OUR SOLUTION

# AI managed autonomous swarm



Speed, guarantee, and  
efficiency



Released on the field  
by a transport VTOL in  
flight



Small aircraft with  
difficult-to-shoot-down  
capabilities

MARKET

# Marketing Revenue in 2022

The trend is continuously increasing, especially in Italy, where with 26 billion euros spent in 2022, there was an increase of 1.5 billion euros compared to the previous year.



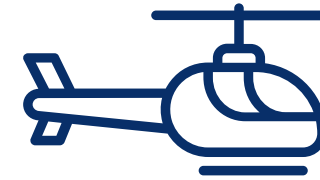


XPLORO DRONES

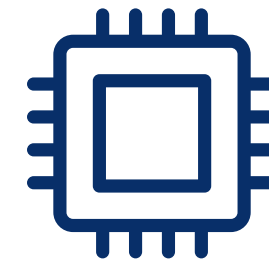
OUR PRODUCT

# HIVE system

TRL  
5



**Autonomous micro-helicopter swarm**



**6 core processor for sensor and data management**



**VTOL with 100km range for release swarm in flight**



**AI for operational strategy and autonomous navigation**

# Why choose HIVE system?



## Easy to fix

**Every pcb will be replaced without any tool, and every mechanics component will be 3d printed directly on place.**



## Multi-task mission

**During the mission divide the swarm in two different group for operate in 2 tasks simultainesly**



## Patent

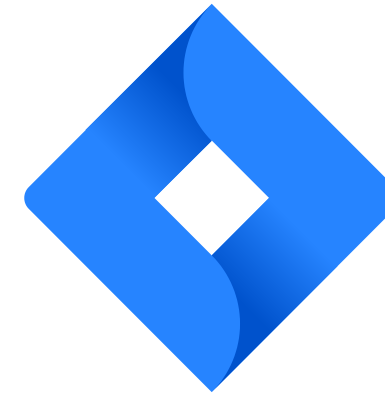
**3 patent represent the system, 2 refer to the hardware 1 to the system architecture**



## Certification

**The system will be get the Military Type Qualification Certificate**

# Our competitive advantages



## Xploro drones

**AI managed system for path planning and operative strategy**

**micro helicopter vehicle for less noise and mass**

**release in place form VTOL for more range**



## Competitor

**automatic or auotnomous system only for detect obstacle**

**Quadcopter based system**

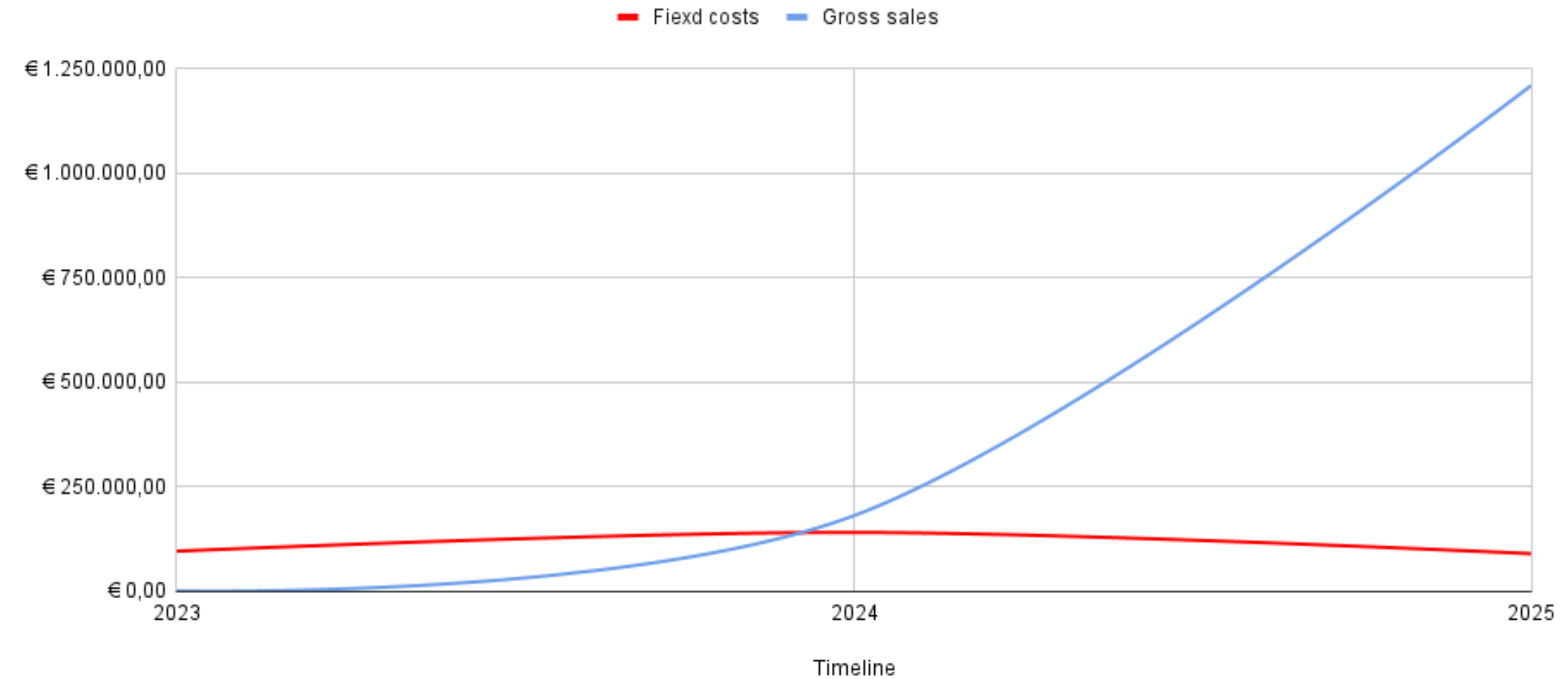
**10 or more minutes deployment with release in place from operator**





# Our Financial Plan

Cost - revenue prediction



Fixed cost yearly

**95.000€**

Break-even point

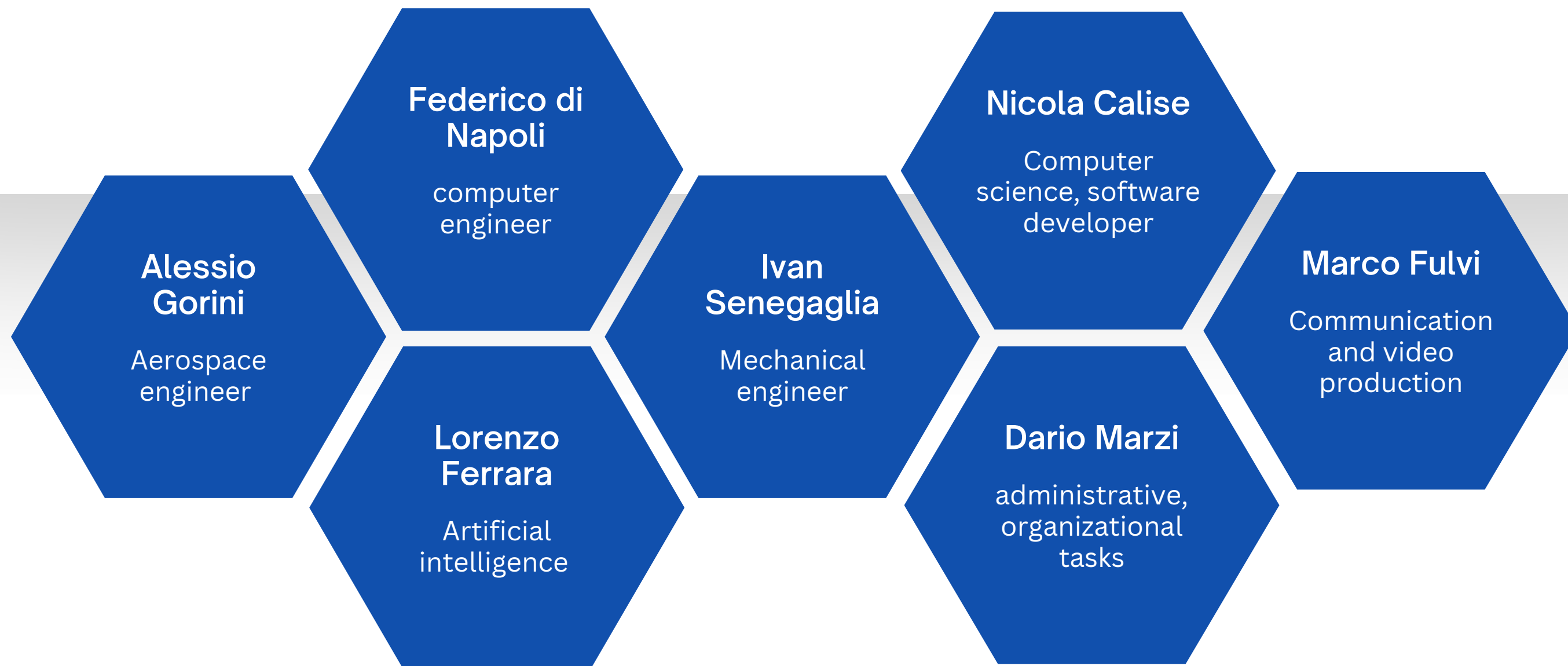
Gross sell

**1.2  
milions €**

**in 1.5  
years**



# All our team thanks you for your attention



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