



OVERSPACE

A V I A T I O N



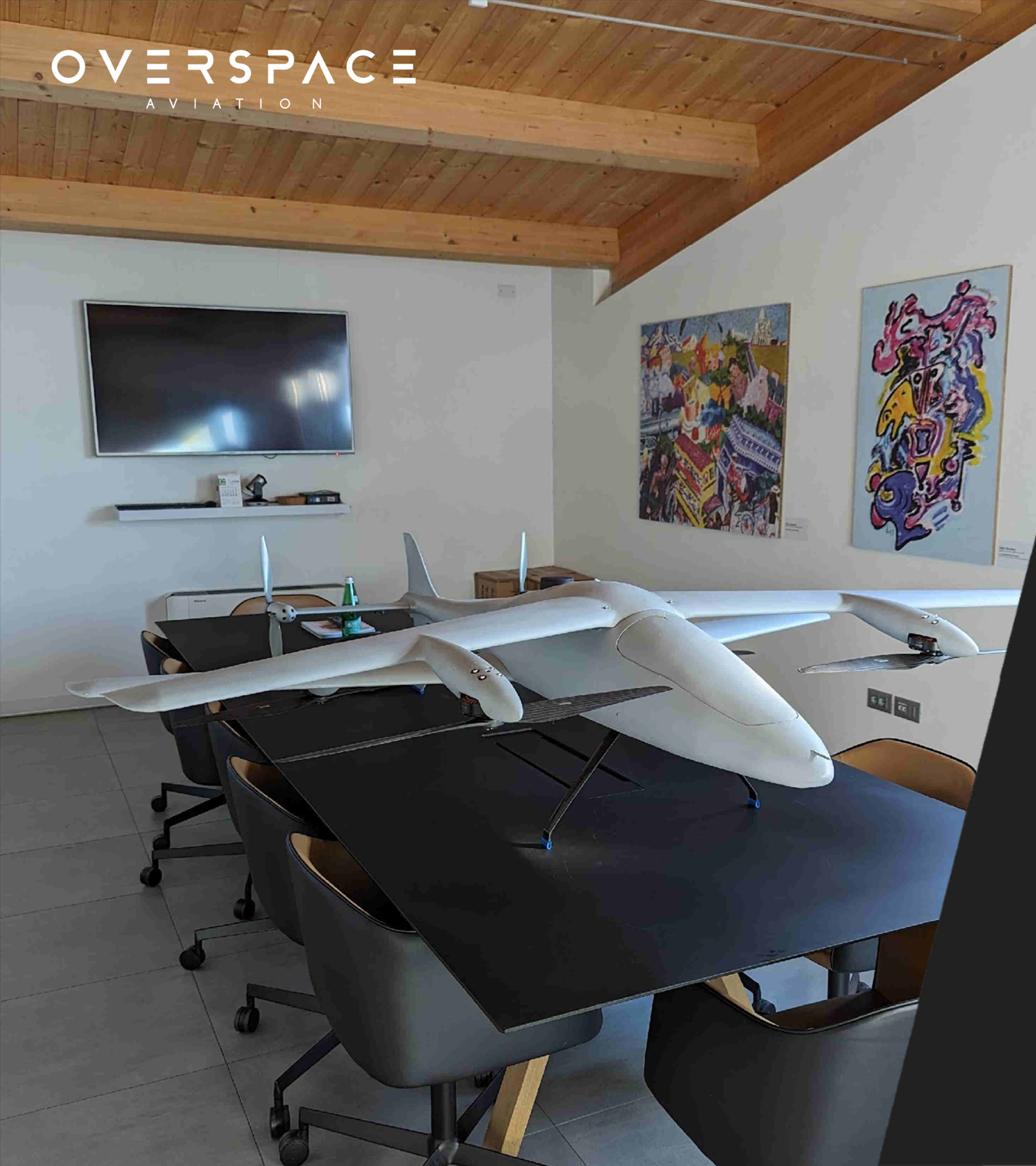
OVERSPACE AVIATION

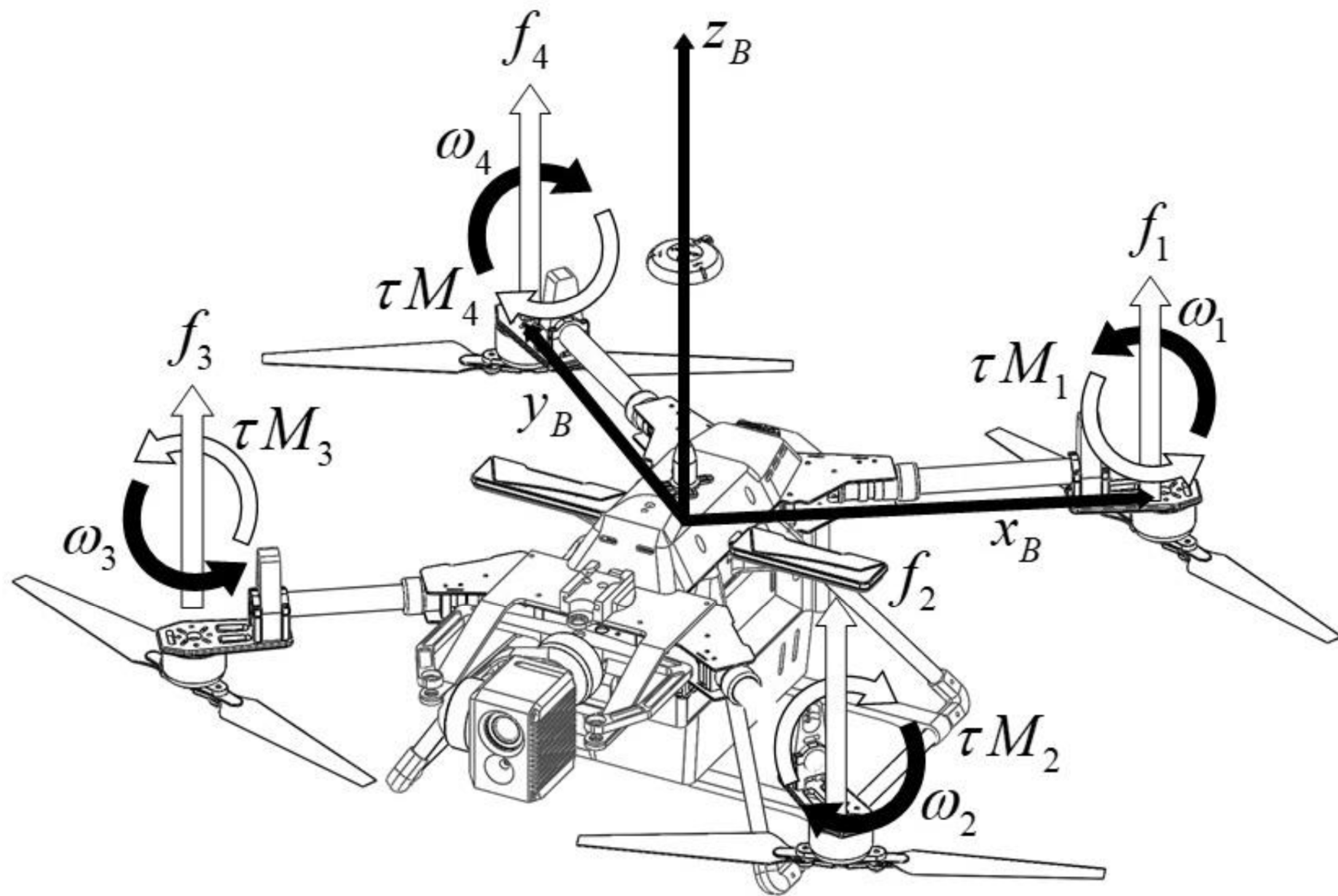


Overspace Aviation Srl is an innovative Italian startup operating in the design, production, rental, and sale of high-performance VTOL aircraft.

Overspace was born from the expertise of its three founders: Matteo, Michele, and Marco.

Since 2023, Overspace offers cutting-edge UAS solutions, such as the flagship Dragonfly DS-1.





DRONE TECHNOLOGIES

UAS technologies have been studied since 1980 but only in early 2010s started spreading to consumer and commercial market

PROS

- Full Electrical propulsion
- Generally easy to manoeuvre
- High versatility

CONS

- Low range
- Low efficiency
- High consumption



FIXED WING

On the other side, thanks to aerodynamics, fixed wing UAS are far more efficient

PROS

- High efficiency
- Very high range
- Good payload capacity

CONS

- Difficult to manoeuvre
- No vertical take-off or landing



VTOL DRONES

VTOL UAS take the best from multirotor and fixed wing solutions at the cost of higher complexity

PROS

- High efficiency
- High range
- Good payload capacity
- Vertical take-off and landing

CONS

- High complexity
- More expensive solution

TECH COMPARISON

Load



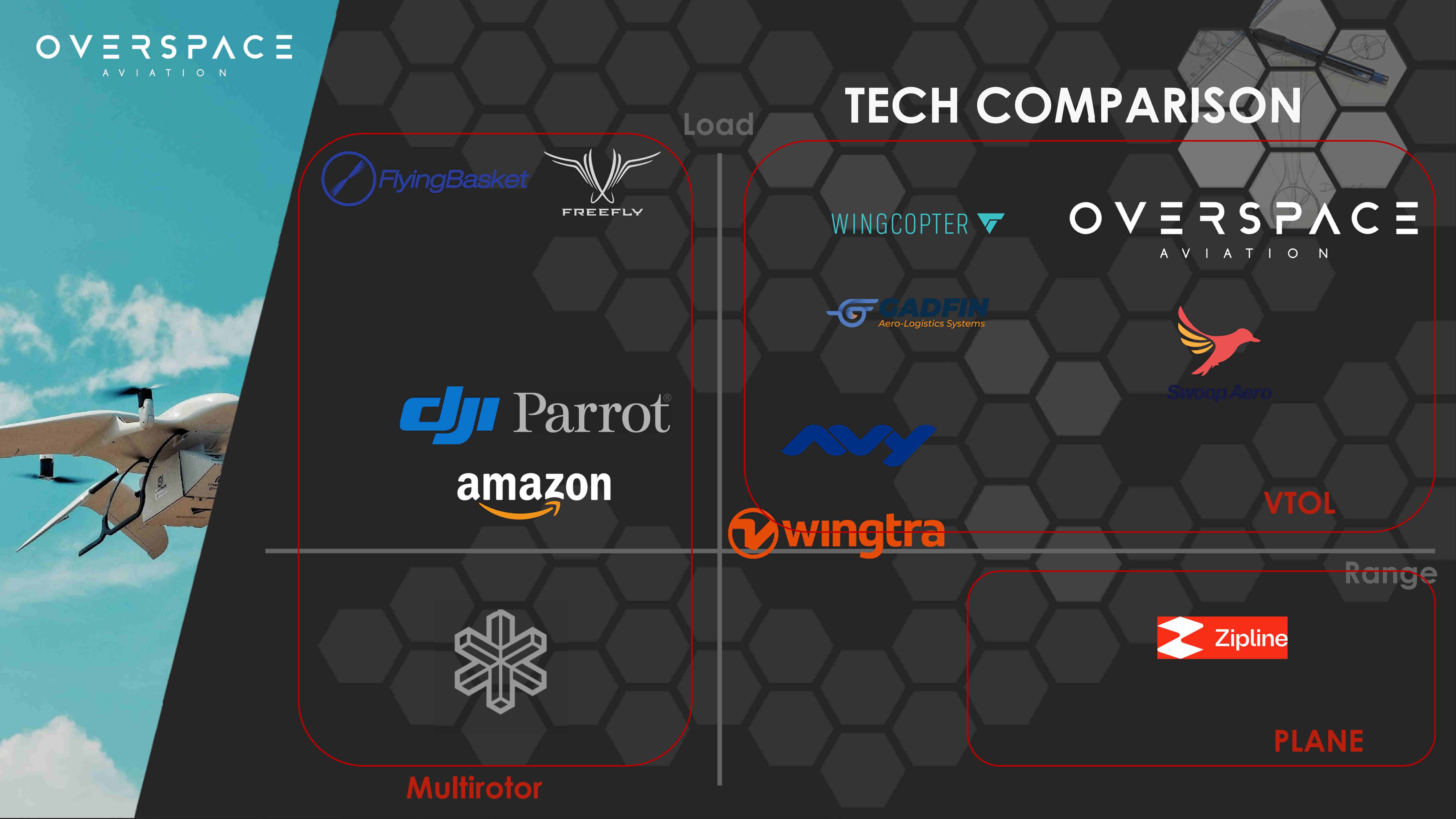
VTOL

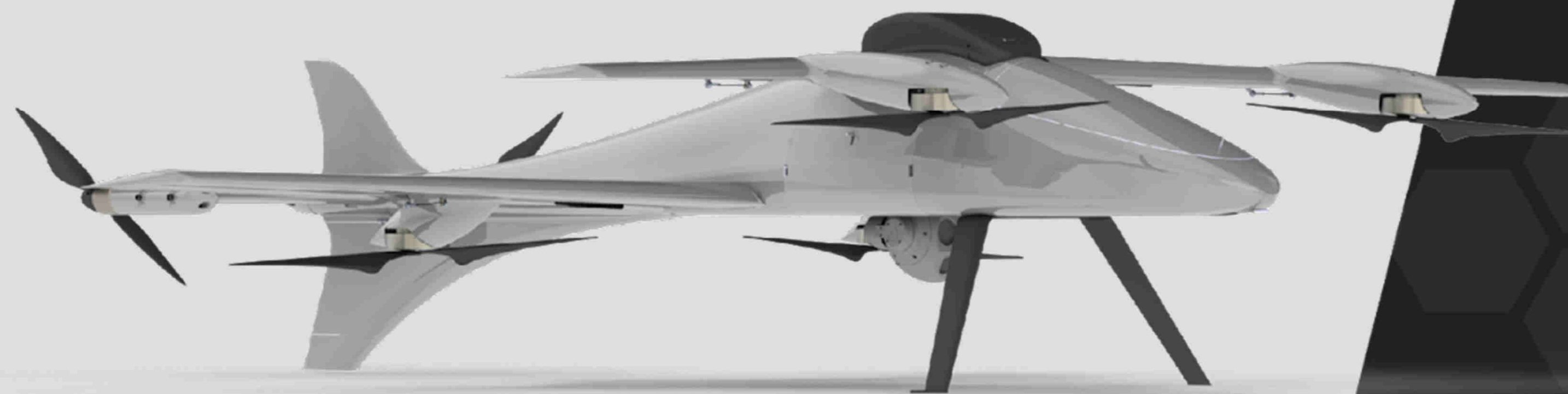
Range



PLANE

Multicopter





DRAGONFLY DS-1

100% electric

100% autonomous

Innovative and patented design

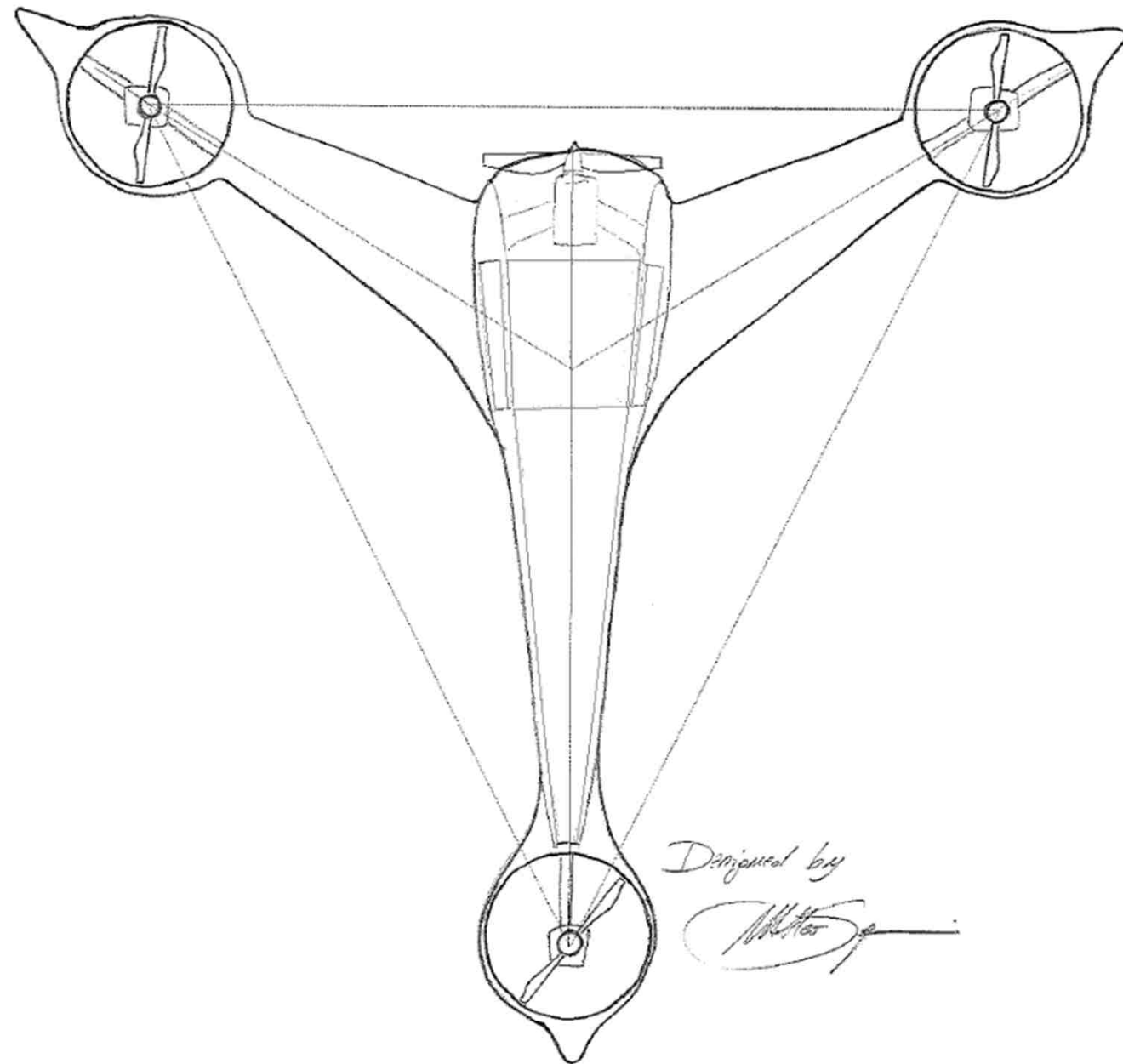
- Compact dimensions
- **200 km range**
- **2h endurance**

Modular and customizable project

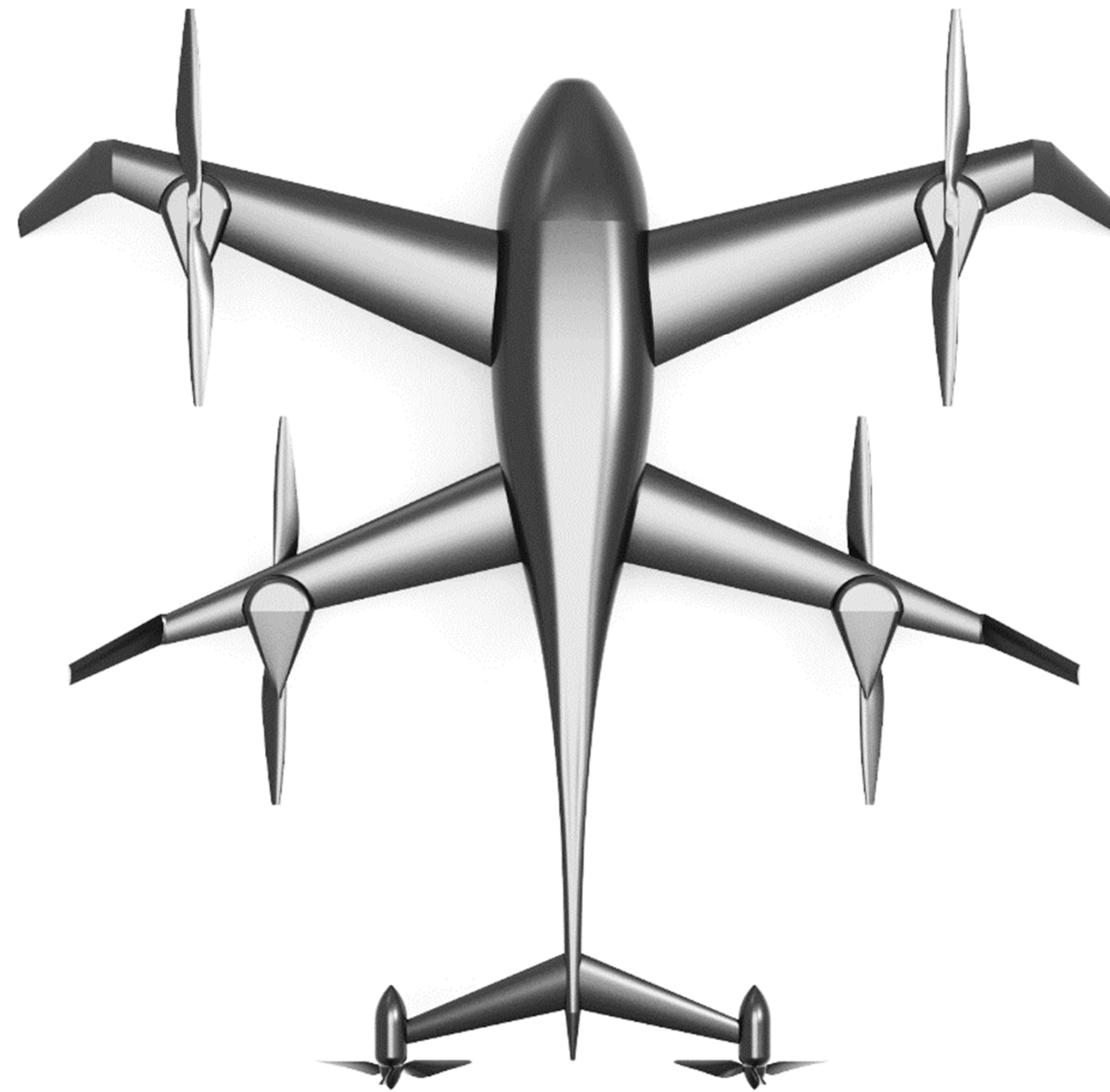
Native integration with SMOX, the patented, self-heating, and smart healthcare container.

Italian product





Concept

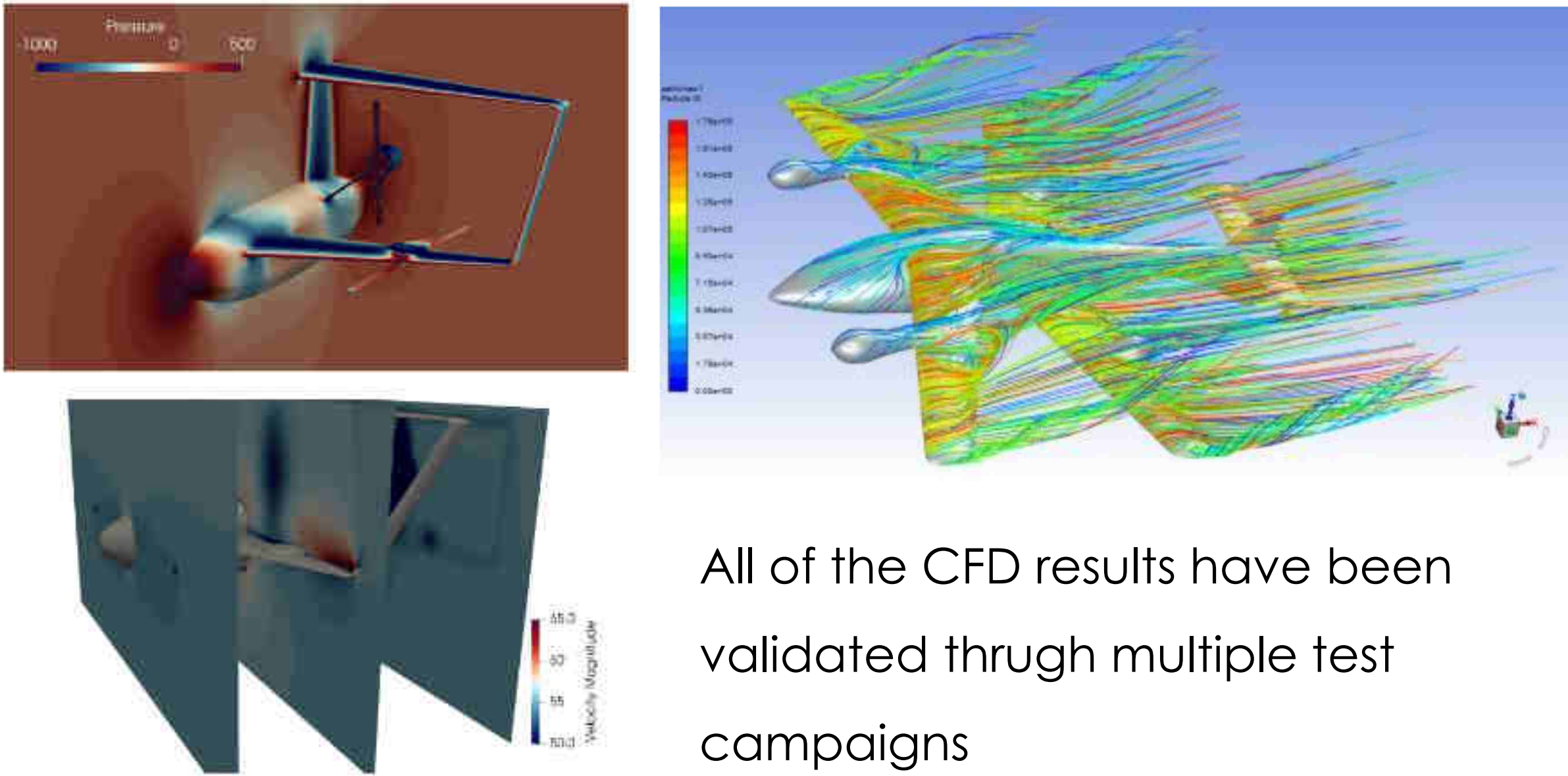


Progettazione



Prototipazione

3D CFD analysis of different configurations



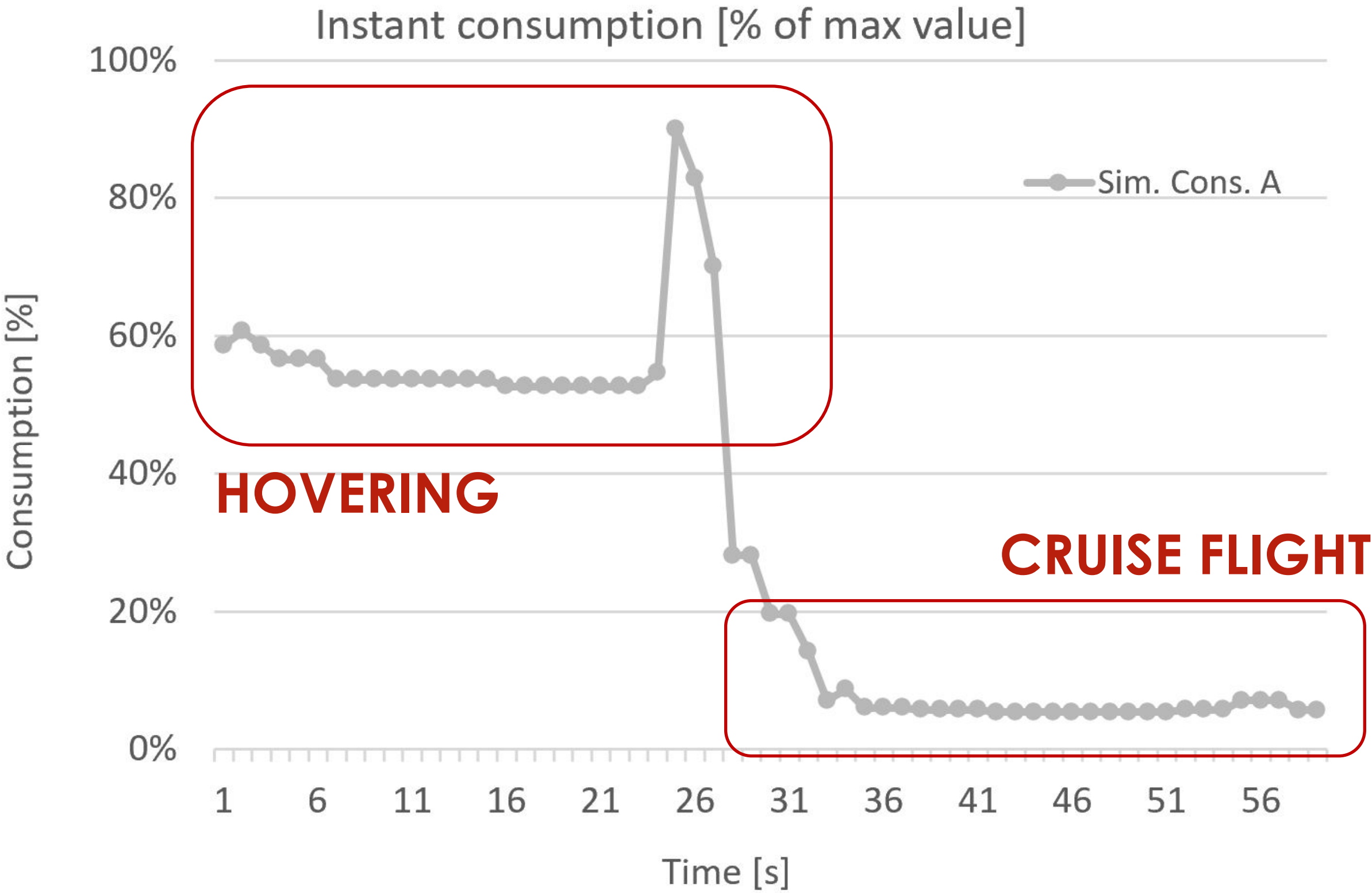
All of the CFD results have been validated through multiple test campaigns

With the cooperation of



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DEGLI STUDI
DI BRESCIA

Effect on the consumption



TEAM



CO FOUNDER - CEO

Matteo Saponi

CO FOUNDER - CSO

Michele Lancellotti

CO FOUNDER

Marco Paglia

GROWTH MANAGER

Laura Testa

BUSINESS DEV.

Antonello Antonelli



Matteo Saponi

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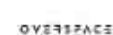
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Informazioni di contatto



Il tuo profilo

linkedin.com/in/matteosaponi



Email

m.saponi@os-aviation.com



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AVIATION