



Kairós: Driving Innovation in Aviation – R&D&I Investment Opportunity *Exclusive Investor Proposal – February 2025*  
*more information – [info@kairosaero.eu](mailto:info@kairosaero.eu) -*



## Why Invest in Kairós R&D&I?

- Focus on Artificial Intelligence (AI) development applied to aviation operations.
- Access to European and national public funding for innovation.
- Strategic partnerships with top-tier universities (UAM, UAH).
- Exclusive testing platform: A350 Full Flight Simulator for real-time system validation.
- High-value technological development with global market application potential.



# Market Problem



Aviation faces critical technological challenges:

- Growing need for automation and pilot support tools in complex scenarios
- EASA and global regulators driving the integration of AI into flight operations
- Scarcity of environments combining training, R&D, and full simulator access
- Limited platforms for AI validation in operationally realistic flight simulators

Sources:

EASA Artificial Intelligence Roadmap

Concept Paper: Level 1 & 2 Machine Learning Applications (March 2024)





## Kairós solution ...

- Pilot Cognitive Overload in Complex Situations
- Lack of Real-Time Decision Support for Pilots
- Fragmented Integration of Artificial Intelligence in Aviation
- Gap Between R&D and Real-World Flight Validation
- Limited Availability of Public R&D Platforms in Aviation
- Regulatory Push for Safe AI Adoption



### Bridging Innovation and Operations:

- AI-powered decision support systems for pilots during abnormal and complex situations.
- Exclusive testing environment: A350 Full Flight Simulator owned and operated by Kairós.
- Academic collaboration: Partnerships with Autonomous University of Madrid (UAM) and University of Alcalá (UAH).
- Access to public funding: Horizon Europe, Clean Aviation, SESAR.





# Business Model - The Investor Makes Money

## Revenue Streams:

### 1. Public Funding:

- EU programs (Horizon Europe, EIC Accelerator, Clean Aviation, SESAR).
- Spanish innovation grants (CDTI).

### 2. Technology Licensing:

- Sale and licensing of AI-driven aviation technologies (decision support systems, pilot aids, etc.).

### 3. Industry Partnerships:

- Custom development projects with airlines, OEMs, and technology providers.

### 4. Testing & Validation Platform:

- Simulator usage for external research and technology validation.





# Market Size and Potential Growth



## Aviation AI Market:

- Estimated at €2.2 billion in 2023, growing at 45% CAGR until 2030 (Allied Market Research).

## European R&D Funding (Horizon Europe, Clean Aviation):

- Over €95 billion in funding allocated until 2027

## Airlines prioritizing digital transformation:

- Increasing investments in automation and operational efficiency technologies.

### Sources:

- Allied Market Research
- Horizon Europe 2021-2027
- SESAR & Clean Aviation

# Implementation Plan and Timeline



## 2025:

- Launch of pilot projects with UAM and UAH
- Application for EU innovation funding.
- Development of AI-based prototypes for pilot support.

## 2026:

- Testing and validation using the A350 Simulator.
- Real-time performance evaluation with professional pilots
- First patents and prototype systems introduced to the market.

## 2027:

- Market entry and adoption by airlines.
- Licensing agreements and commercial partnerships..

timeline

# Exit strategy for the investor



What happens if the investor wants to leave?

## Exit Options:

- **Profit Participation from R&D Commercialization:** Investors receive a percentage of net revenue from licensing, patents, royalties, or software sales.
- **Key Advantage:** Ideal for investors seeking returns without equity participation in Kairós, focusing on monetizing technological success.
- **Exit:** After 5-10 years, when revenues stabilize, investors can sell their future income rights to Kairós or a third party.
- **Buyback Option:** Kairós may offer to repurchase the investor's revenue rights after a few years, ensuring flexibility for both parties.



# The Team



click every linkedin ...



Protagonist or spectator, it is possible to move forward ...



“Let’s schedule a meeting to discuss this unique opportunity. Contact us at [info@kairosaero.eu](mailto:info@kairosaero.eu) or +34 606 332 434 to explore further.”