

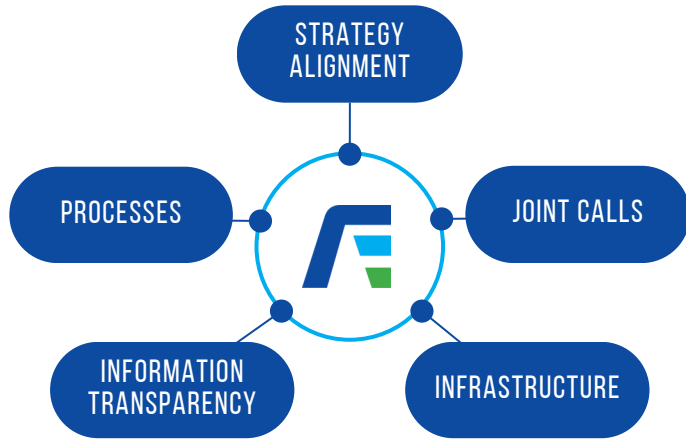
THE COMPLEX WORLD OF EUROPEAN AVIATION RESEARCH AND INNOVATION...



TEAM



...NEEDS TO DEPLOY SYNERGIES TO TACKLE THE CHALLENGES OF THE FUTURE



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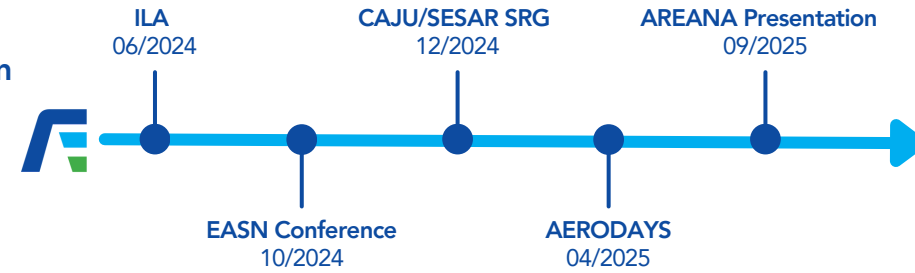
**STRONGER TOGETHER:
CREATING SYNERGIES FOR A COMMON
FUTURE OF EUROPEAN AVIATION**

Europe is a leader in aviation. Challenges and new opportunities are emerging (e.g., green & digital transformation, global competition, supply/value-chain bottlenecks).

Solutions rely on research, innovation and deployment investments. From idea inception to market implementation. At EU, national, regional and local level. Encompassing all actors in the aviation ecosystem and other sectors - on the civil domain and beyond.

AREANA aims at synergies of European programmes and actors. Notably from research, where all starts.

TIMELINE AREANA – STAKEHOLDER INVOLVEMENT OPPORTUNITIES



AREANA PRINCIPLES FOR SYNERGIES DESIGN

- 1 Funding agencies' expectations and requirements taken into account.
- 2 Real added-value solutions for all stakeholders in the European research & innovation landscape.
- 3 Easy to use solutions, reducing bureaucratic effort.
- 4 Appropriate processes and clear responsibilities – to sustain synergies beyond the end of the project.
- 5 Open to members from EU and beyond, willing to play a fair part in European aviation research.
- 6 Open to enhance existing approaches, but also to completely new paths.

OUR MISSION

Create an actionable roadmap towards effective and sustained European aviation research & innovation

SYNERGY CHAIN

SMART STRATEGY ALIGNMENT

WHAT?

Focus on key areas, agreeing on the issues to be addressed, further detailed in roadmaps for a complementary funding landscape.

WHY?

Insufficient funding/investment coordination between European, national, and regional strategies leads to inefficient funding allocation.

HOW?

Establish an effective and sustainable process for a coordinated European funding strategy for aviation.

COMMUNICATION TRANSPARENCY

WHAT?

A method to provide every European stakeholder in aviation R&I with an easy and comprehensive access to all necessary information.

WHY?

The large number of funding programs within Europe requires greater transparency in order to efficiently match competences and needs.

HOW?

Development of an IT tool, operated by an appropriate EU public R&I entity trusted by all parties, to ensure continuous update of high-quality relevant data.

PROCESS HARMONISATION

WHAT?

Special processes that meet EU / national / regional requirements while enabling effective joint international efforts.

WHY?

Existing programmes differ greatly in their processes, which leads to complicated and suboptimal cooperation.

HOW?

Development of blueprints for effective joint cooperation processes across borders.

JOINT CALLS

WHAT?

Bi- or multinational calls that allow targeted transnational research, innovation and deployment cooperation between complementary co-funding programs.

WHY?

National and regional funding programs restrict free choice of optimal partners across borders.

HOW?

Adapt national use of funding under national administrations - to strengthen a joint European Aviation Research, Innovation & Deployment Ecosystem.

JOINT USE OF INFRASTRUCTURE

WHAT?

Update existing catalogues (e.g., EU RINGO, AirTN,...) and optimize the sharing of research & technology infrastructure.

WHY?

Due to high investment costs, the use, upgrade and set-up of research & technology infrastructure in aviation at large requires a higher degree of integration.

HOW?

Orchestrate processes for investment, deployment & sharing of research and technology infrastructures, and sustain a one-stop-shop with an EU public R&I entity trusted by all parties.