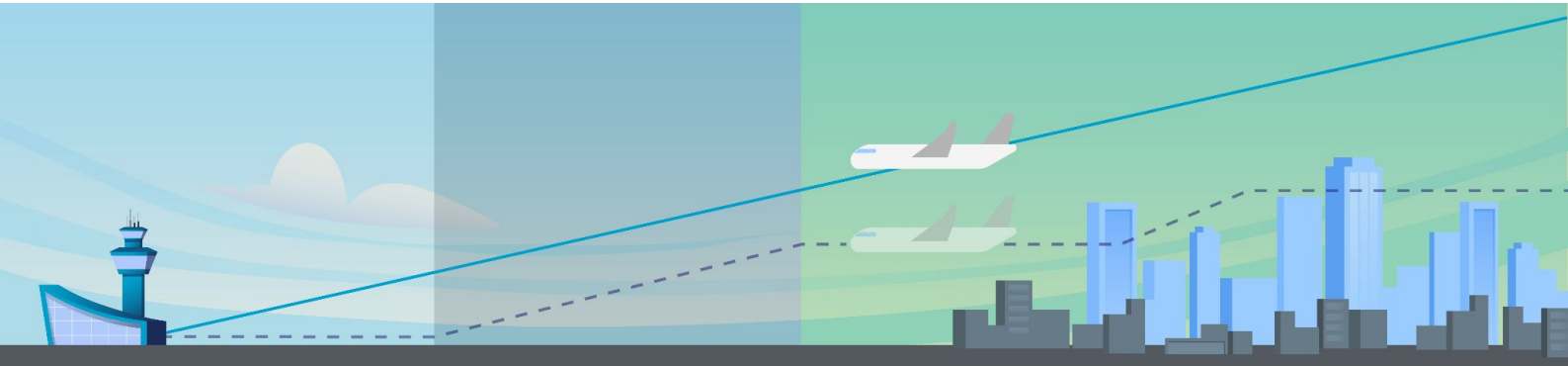




Dive into GALAAD

Welcome to the VI edition of the GALAAD newsletter. As our operational validation enters its core phase, scroll through the next sections to discover our latest technical insights on dynamic routing and sustainable aviation. GALAAD is here.

SESAR Project of the Month & Insight *JANUARY*

SESAR 3 JU named GALAAD 'Project of the Month'. In an exclusive interview, the Project Coordinator and ENAV's solution leader detailed the operational architecture designed to demonstrably reduce fuel burn and noise emissions while maintaining TMA capacity

[Read the interview on the SESAR portal](#)



RTS#3 Execution: Bridging Rome and Toulouse *FEBRUARY*

Validation peaked with the RTS#3 Open Day in Rome, establishing a live link with the Airbus cockpit in Toulouse. Under 'Milan Stress Test' scenarios, the system proved its stability and efficiency, providing ATCOs with high-fidelity dynamic PBN routes even during peak traffic periods.

[Explore the RTS#3 simulation setup](#)



Human Performance and HMI Assessment MARCH

A key topic of interest has been data consolidation and controller feedback. Integrating an enhanced AMAN requires rigorous cognitive load evaluation.

Explore the preliminary insights on how the shift to early clearances impacted the need for constant tactical interventions by ATCOs.

[Review the preliminary validation insights](#)

Explore Green Aviation insights

Investment in the Digital European Sky

The execution of the European ATM Master Plan accelerates. SESAR JU has officially launched a €350 million innovation portfolio, funding 42 new projects. The industrial research focus is shifting heavily toward the core levers of our industry: trajectory-based operations, advanced automation, and climate-neutral ATM service provision.

[Read the official SESAR announcement](#)

Redefining Terminal Airspace for Climate Neutrality

How will the network manage the integration of next-generation operations? Among the newly funded SESAR 2026 portfolio, initiatives like *FairSky* and *ZEUS* are developing optimized trajectory generation tools and assessing the strategic redesign of Standard Terminal Arrival (STAR) procedures to systematically mitigate aviation's environmental footprint.

[Explore the new SESAR 2026 project portfolio](#)



Mark your calendar

- **Airspace World 2026** | Lisbon, Portugal (26-28 May 2026) Join us on Day 1 (Tuesday, May 26) during the official SESAR Walking Tours for a practical demonstration of our HMI and RTS#3 outcomes. 📍 [\[Plan your visit at airspaceworld.com\]](#)
- **SESAR Annual Conference 2026** | Brussels, Belgium (12 October 2026) Join the ATM community in Brussels to discover how our results aim to strategically integrate into the broader ATM Master Plan. 📍 [\[Monitor the SESAR events agenda\]](#)
- **SESAR Innovation Days (SIDs) 2026** | Cork, Ireland (7-11 December 2026) Explore the latest ATM research with us. Look out for our upcoming scientific papers, detailing the project's quantitative performance metrics. 📍 [\[Learn more about SIDs 2026\]](#)

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