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Welcome to the ninth issue of the SESAR e-news. This regular electronic newsletter aims at giving an overview of the latest developments at SESAR, Europe's ambitious ATM modernisation programme.

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SESAR intensifies links with military stakeholders



Patrick Ky, Executive Director of the SESAR Joint Undertaking, was invited to give an overview of the SESAR programme, its current status and expectations towards military stakeholders at the European Air Chief Conference (EURAC) in Sweden. The members of the informal group of 20 European nations and Turkey followed the briefing with interest and participated in a lively discussion. The main topics of discussion were the probable impacts of SESAR on defence policies, training flights, military ATM... Patrick Ky highlighted during his presentation that SESAR is keen on collaborating with defence interlocutors especially on questions regarding pilots and operations (including UAVs), financing and fleet planning as well as technical design and development of aircraft and related systems.

Associate partners join SESAR family



The SESAR Joint Undertaking (SJU) endorsed 13 associate partners to contribute to the SESAR work programme. Among others, the Boeing company, Thales Australia, the Polish Air Navigation Services Agency and the Moroccan Airports Authority (ONDA) will from now on participate in the work programme. Associate partners are proposed by SJU members which remain their primary point of contact. The creation of this new category of participants in the SESAR work programme answers to the need to secure the additional input and added value of critical partners in the ATM research and development activities. For more information and the complete list of associate partners, [click here](#).

New set of AIRE trials start next week



Following encouraging results in 2009, the SJU selected 18 projects involving 40 partners to support the continued expansion of this programme geared at reducing CO2 emissions in the short term. A first wave of trials will already be conducted as of next week. Projects are focused on validating solutions that can be implemented permanently in their respective operational context and that capitalize on present aircraft capabilities. Among the first projects to start are an Airbus-led consortium in partnership with Air France and the USA (NATS, Nav Canada and the FAA) which will shortly commence "Transatlantic Green Flight" (TGF) trials with an Air France A380 on revenue flights from New York to Paris. Another key project to start soon is conducted by Lufthansa in cooperation with DFS and Germanwings where the partners will validate a new procedure that will optimize the arrival flows of Dusseldorf and Cologne. This area has a high traffic density and therefore presents the potential to significantly reduce CO2 emissions. For more information, [view the chart representing the current geographical scope of AIRE activities](#) and download the latest [press release](#).

European Parliament adopts resolution on sustainable future for transport



The European Parliament adopted in July a resolution that sets out the priorities for a sustainable European transport policy in the next ten years. The resolution puts high emphasis on a safer, cleaner and more efficient European transport system but also underlines its economic impact and need for more research. Consequently, the report gives reference to the completion of the Single European Sky and the SESAR programme to enhance the EU's competitiveness and efficiency. The resolution also makes the link between research leading to environmental improvements. Thus, the European Parliament states that for programmes such as SESAR, not only research and development activities should be supported but also their application. For more information, [read the resolution](#).

New calls for WP-E launched



Eurocontrol launched on behalf of the SESAR Joint Undertaking the [second call for Research Networks and first call for Research Projects](#) within SESAR work package E (WP-E) on long term and innovative research. Through this call, the SESAR Joint Undertaking continues to involve the academic world in its ambitious mission to create a new-generation ATM system.

Research Networks provide a structured way to establish a body of research knowledge, competence and capability that should serve the industry in the long term. Two Research Networks have already started on Automation and on Complexity. A third one is the subject of this call for the domain: Economics and Performance.

The call for Research Project focuses on specific aspects of topics that fall within the following themes: Towards Higher Levels of Automation in ATM; Mastering Complex Systems Safety; Legal Aspects of Paradigm Shift. The latter is opened to stimulate the legal community for addressing this very challenging domain. More information on WP-E is available on the [SJU website](#)

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