



For immediate release

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Egis studies the feasibility of integrating gas emission component in European air traffic flow management

Today, regulation and flight planning activities do not take environmental aspects into account at CFMU level, and particularly emission issues. At a European scale, the Central Flow Management Unit (CFMU) is the organisation in charge of providing Air Traffic Flow and Capacity Management (ATFCM) services to airspace users.

In this perspective, the European Organisation for the Safety of Air Navigation (Eurocontrol) contracted Egis to study the integration of a feature assessing gas emissions for the optimisation of the ATFCM network operations.

This project is conducted by teams of Egis Avia.

The objectives of the study, carried out in cooperation with ENVISA, are to:

- ⊙ investigate the possible synergies with Emission model modules and tools already developed by Eurocontrol and their potential inclusion in air traffic flow organisation;
- ⊙ develop an operational concept of the integration of the emission dimension in ATFCM network operations;
- ⊙ draw up a business case and cost/benefit analysis of the project.

This initiative should raise the CFMU's role in allowing all actors to understand the impact of their decisions on the environment and more particularly on emissions.

This contract was awarded to Egis in a global context of raising environmental awareness when the aviation sector is often blamed for being a major source of atmosphere pollution. Over the last years, air transport stakeholders have initiated multiple projects to promote a sustainable aviation, with reduced environmental footprint without compromising on performance and safety. The development of a modernised air traffic management system in Europe as promoted by the Single European Sky ATM Research (SESAR) programme aims at preventing the congestion of the European sky while making air traffic more eco-friendly. One of its focus areas is in particular the reduction of fuel burn and atmospheric impacts (CO₂, NO_x, H₂O) generated in all flight phases.

About Egis

Subsidiary of the Caisse des Dépôts Group, Egis, with a workforce of 7,300 worldwide, is an engineering and consulting firm specialised in the construction of transport systems and infrastructures, local and territorial development, water and the environment. Egis is also involved in project development and road and airport operations.

With a workforce of 7,300 worldwide and an estimated turnover of €550m in 2009, it is active in more than 90 countries and has some 50 entities in France.

Egis takes an active part in sustainable development initiatives and is committed to delivering green and innovative solutions to its clients. Also Egis implements interactive programmes among its personnel to foster eco-friendly actions.

In 2009, Egis announced the creation of an alliance with Iosis, specialised in building and civil nuclear engineering, to launch a new global engineering offer to their French and international clients. Both groups form now the French leader in construction engineering.

The alliance between the two groups results in the deployment of a joint industrial and commercial strategy. It is underpinned by Egis' acquisition of a 34% stake in the capital of Iosis Holding.

The new entity can rely on a strong base of 8,400 employees, including 5,500 engineers, and should benefit from a turnover in excess of €700m in 2009.

For more information, visit www.egis-group.com

About Egis Avia

Thanks to a 40-year experience in a demanding sector, Egis Avia is today a key expert in the Civil Aviation industry. Egis Avia offers a multifaceted expertise covering all aspects of airport, air operations and air traffic management activities. With a current workforce of 194 employees and a 28.6M€ annual turnover in 2008 Egis Avia has been, since its creation in 1969, successfully managing more than 1000 projects in 140 countries.

Egis Avia provides research and technology, consulting and engineering services, operations and turnkey solutions adapted to each client's business needs. With its unique position on the market, Egis Avia provides bespoke solutions aiming at increasing operations safety and efficiency, the compliance with international regulation and offering an optimum use of advanced technologies.

For more information, visit www.egis-avia.fr

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