

Traffic and route management

Patrick AMAR

Future head of UAS/UAM programme, Eurocontrol



Short bio

Patrick Amar will shortly be taking up a new post as Head of UAS/UAM programme for Eurocontrol. At present he is Special Advisor to the Director General of CAAI (Civil Aviation Authority of Israel), in charge of technical cooperation between France and Israel. Until summer 2018, he was head of the General Aviation department at DGAC (French Civil Aviation Authority), also covering UAS regulations. Before that, he was senior advisor for Security at DGAC. He was also the head of the Risk Analysis department. After a 12-year period as civil servant at DGAC, he worked for 10 years in the airline business (Air France and EL AL Israeli airlines) where he was posted at a high level of responsibility as Vice President. Before that, he was Advisor for the French Minister of Transport in charge of civil aviation and air transport.

Mr Amar is a very experienced commercial pilot (2,100 hours) with aircraft, helicopter, glider and microlight licenses.

Abstract

Eurocontrol agency's ambition is to support a Europe-wide harmonised innovation network. Low altitude airspace is an available resource for sustainable 3D mobility for short distances. But we have to share the airspace with other users and we must organise a proper integration of UAM. We should address airborne vehicles and infrastructure together. UAM is not only about eVTOL, it's an ecosystem. Traffic management is crucial for allowing a safe and smooth development of UAM. We should consider UAM management at the crossroads of ATM and U-space, and an opportunity to drive new services and new business models. Many actors take part in UAM world but cities could play a significant role in UAM traffic management. Finally, we should have a wider view of UAM and think towards Advanced Air Mobility (AAM) for all.

All these concepts must be harmonized, evaluated, coordinated and experimented.

Eurocontrol, with its expertise and assets, will play a major role to support UAM stakeholders.