

Sustainable development of UAM : manufacturers' views

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Short bio

Dr Vassilis Agouridas is Chairman of the UAM Committee of ASD Europe. Vassilis is Head of the EU Public Co-Creation & Ecosystem Outreach activities at Airbus (Urban Mobility) and leader of the UIC2 (Urban Air Mobility Initiative Cities Community) within the EU's Smart Cities Marketplace. Vassilis has been a member of the EASA's Task Force on UAM Societal Acceptance and Team Leader for the development of the guidance material of Coordination Mechanism described in Article 18(f) of the U-space Implementation Regulation (EU) 2021/664.

Abstract

ASD Europe, the association of AeroSpace and Defence industries in Europe, will present and discuss the ongoing work of its UAM Committee on sustainability perspectives applicable to the development and deployment of UAM services. The presentation will discuss how UAM differs from traditional aviation in terms of 'eroding barriers of entry' that arise by the convergence of a number of technological advancements from different industrial sectors. This situation not only increases the competitive landscape but also offers new opportunities for cross-sectoral and transdisciplinary collaboration. The presentation will further discuss the mindset shift required towards new practices for responsible production and consumption throughout the lifecycle as a means of nurturing wider societal embracement of prospective UAM services.