

ADDRESSING THE URBAN AIR MOBILITY SUSTAINABLE DEVELOPMENT

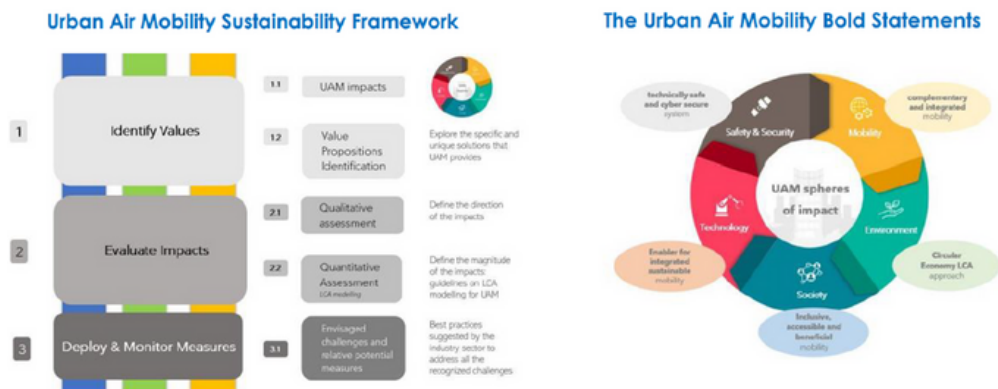
The main reference of the webinar will be the Urban Air Mobility and Sustainable Development White Paper published last week (Jan 2023) by ASD Europe, of which I am the main author. In this study, a seminal framework towards transitioning to sustainability-driven business model(s) has been developed for addressing the sustainable development of the emerging UAM.

LEARNING OBJECTIVES

The webinar will aim to meet two main goals:

- Raise awareness about both challenges and benefits related to UAM;
- Investigate the UAM Sustainability Framework proposed by the ASD Urban Air Mobility and Sustainable Development White Paper.

Therefore, embedded in a holistic approach, the webinar will touch aspects such as i) the main spheres of impacts of UAM, ii) their wider desirability by citizens (not just users), and iii) UAM total emissions released based upon an entire life cycle analysis approach.



Target audience: The webinar could be attended by a broad range of stakeholders, including industry, regulators, policy makers as well as end-users/citizens, since an high level of awareness as well as a participatory and integrated approach are necessary for addressing a truly sustainable development of UAM.

DATES AND TIME: 28 APRIL 2023, 9.30-12.30

REGISTRATION AND CONTACTS

Course Code: 20230428

This course is part of the 2023 institutional activity for AIDAA members. The registration requires the purchase of one of the packages described here <https://www.aidaa.it/package-list/>, and the completion of the online form available on AIDAA webpage.

Course platform: Webex, a link will be sent via email as the registration is complete. At the end of each course, **attendance certificates** will be sent to participants via email.

For further info, please, contact academy@aidaa.it



SPEAKERS

Annunziata Chiacchiera is an environmental engineer, graduated from Politecnico di Milano. She developed a postgraduate research project in collaboration with the Department of Electronics, Information and Bioengineering of the Politecnico di Milano (DEIB), investigating innovative trends directed towards climate change mitigation, i.e. ML techniques for predicting extreme events. Currently she works in Envisa, an environmental consultancy company based in Paris and specialized in the aviation sector. In particular, Annunziata conducts environmental impact about local air quality, carbon and greenhouse gases inventories e.g. the ACI program (Airport Carbon Accreditation). Furthermore, she is involved in research projects concerning the exploration of new sustainable mobility solutions and how the relative environmental impacts could be assessed, i.e. Urban Air Mobility.

Gabriel Casas Mairena is an environmental scientist specialised in the aviation sector. He has direct experience in local air quality, sustainable aviation fuels, aviation noise assessments, carbon footprint, LCA, and end-of-life aviation projects. His journey in this field started with a traineeship at the Environment Department of the European Aviation Safety Agency, during which he learnt about the different sustainability challenges of the sector and how to analyse them. After that, he has been working at Envisa as Sustainability Consultant, participating in several international aviation projects and expanding my knowledge in this field.

