

Social Embrace as a Driving Factor of the Successful Implementation of UAM in European Cities

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Who am I?



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Why is UAM important for city perspective?

- Cities see great potential in the application of innovative drone technologies
- The goal: to promote the industry and to define use cases.
- Simultaneously, it is important to us as a city that we create use cases that benefit our citizens:
 - According to the EASA acceptance study and the anecdotal evidence from Aachen urban community (Emergency) medical applications clearly stand out because of the clear benefits for regional health care and the great support from the community.

Why social embracement is key

- Without acceptance, no implementation of new technologies
- Fears and concerns of the population must be identified and addressed
- Societal benefits of new technologies must be highlighted
 - simultaneous acceptance research and technology development are key to success

How we try to reach social embracement

- Since 2018, we have been working together with our partner cities Maastricht, Hasselt, Heerlen and Liège as well as an interdisciplinary network of about 50 experts on suitable use cases for the Euregio Meuse-Rhine as well as the appropriate technology developments.
- In order to create socially useful use cases, we are working in the city networks on a holistic development of the UAM:
 1. Integration of technology into Sustainable Urban Mobility Plans (e. g. Practitioner's Briefing)
 2. Giving cities and municipalities a voice in the implementation of U-Space (e. g. Manifesto on the Governance of the Urban Sky)
- In this way, we aim to promote a society-serving, holistic development of the UAM, leading to a successful European approach
- In addition, we are active in the UIC2 network

What is the UIC2 - Network

- UIC2 stands for **Urban Air Mobility Initiative Cities Community**
- The mission of UIC2 is to drive the sustainable and responsible transition of urban mobility to the vertical (third) dimension.
- The Urban-Air-Mobility Initiative Cities Community (UIC2), of the EU's Smart Cities Marketplace, was established in October 2017.
- UIC2 is a city-centric (and regions) and citizens' needs-driven community that brings the voice of European cities and regions in the emerging sector of urban air mobility.
- UIC2 fosters collaboration across disciplines and sectors pertinent to UAM with the aim to jointly shape the future of UAM.
- An overview of the UIC2 approach, activities and achievements can be found in the UIC2 presentation of February 2022 at <https://smart-cities-marketplace.ec.europa.eu/>

**THANK YOU FOR
YOUR ATTENTION**