

ADVANCED AIR MOBILITY

Conference 2024



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Urban Planning and Infrastructure for the Start of Urban Air Mobility



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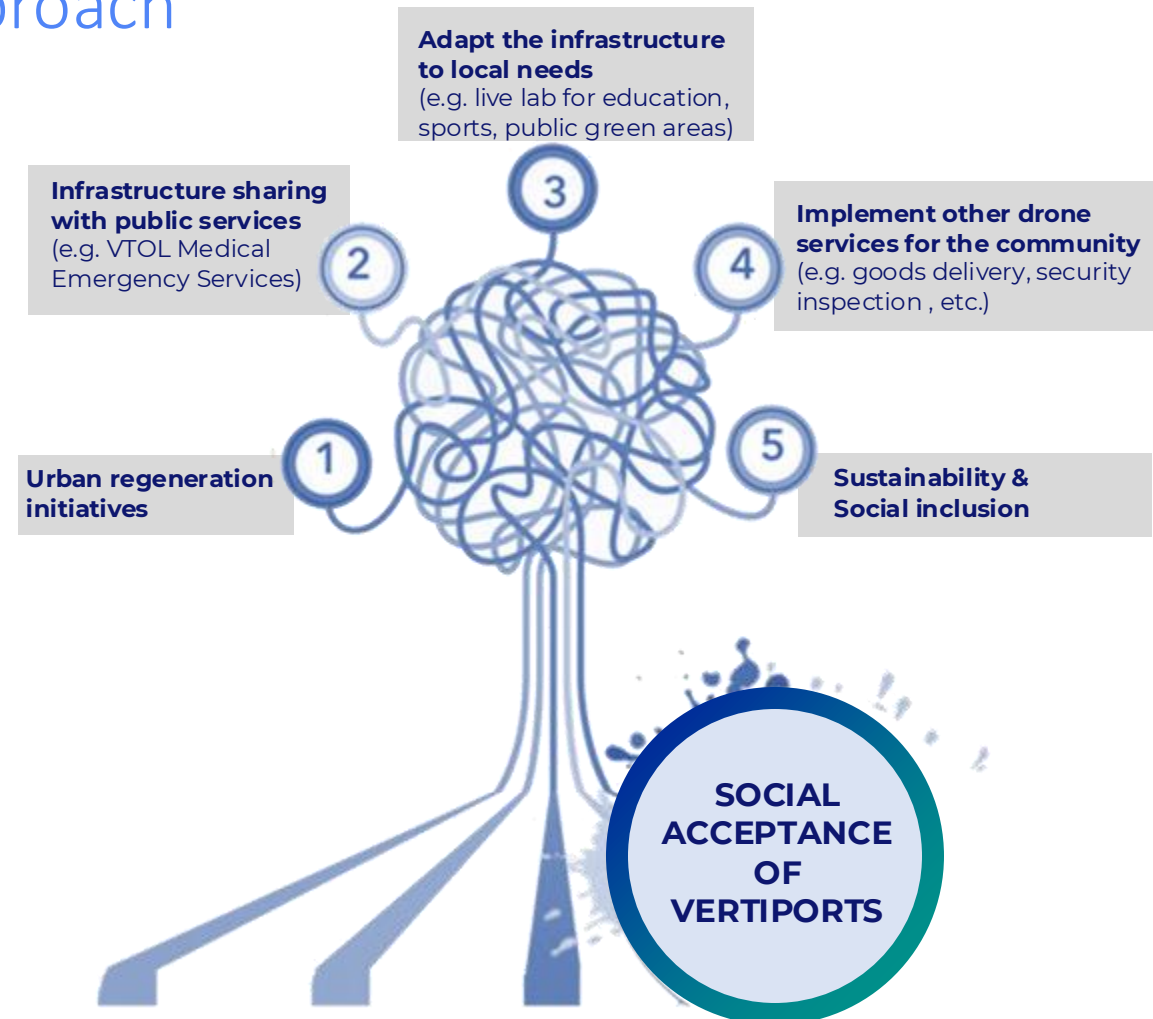


Build a vertiport integrated in the city

UrbanV approach

We aim to provide a rapid, efficient, safe, and sustainable air mobility alternative to current short-distance transportation solutions for people and goods, enhancing quality of life and making travel easier.

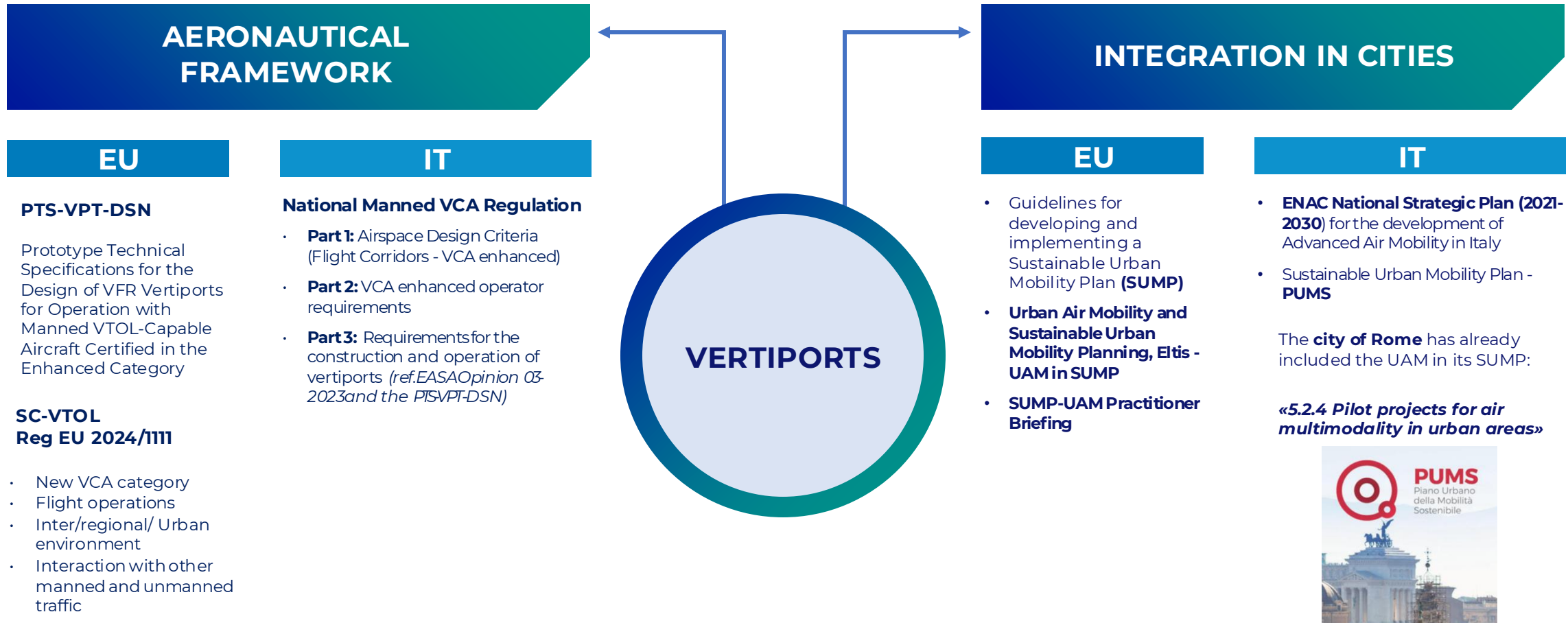
- Compliance with **urban planning**
- Compliance with **aeronautical constraints**
- Integration of buildings with the **existing landscape and minimization of visual impact**
- **Sustainability of ground infrastructure** also demonstrated through certifications
- **Minimisation** of land use and design **optimization**
- Use of **green energy**
- **Intermodality** of vertiports with other transportation system
- **Involving the local community** to ensure the social acceptance





How to make vertiport real

Regulatory Framework

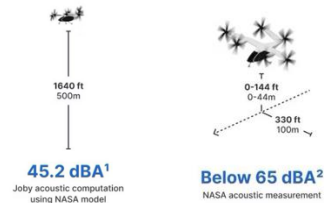




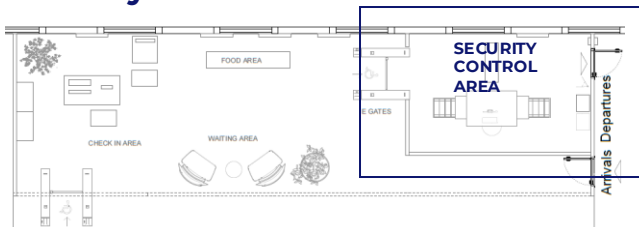
Some challenges to focus on

eVTOL Noise

OVERHEAD FLIGHT TAKEOFF & LANDING



Security

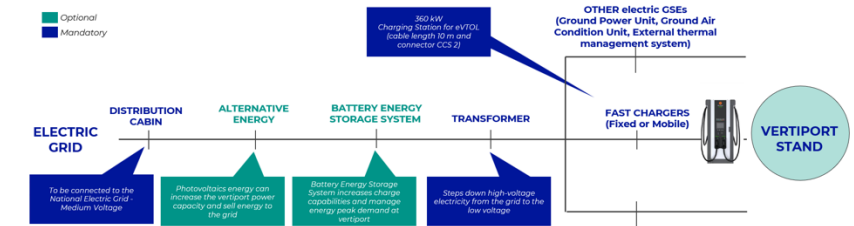


Connectivity

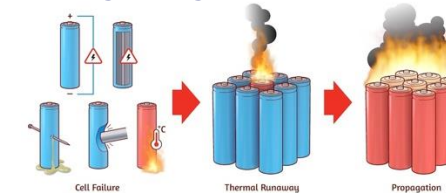
VMS BUILDING BLOCKS



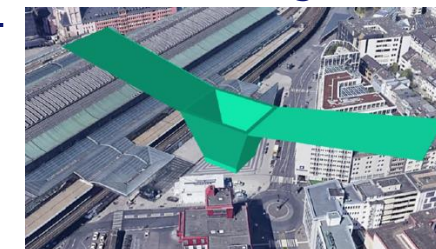
Energy requirements



Fire Fighting Service & ERP



Obstacles management in the vertiport surrounding





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