

4th URBAN AIR MOBILITY
SYMPOSIUM

FROM URBAN TO
INNOVATIVE AIR MOBILITY

9 October 2024
Braunschweig, Germany

VERTIFIED
Vertiport Research Infrastructure
for Innovation Exploration and
Demonstration

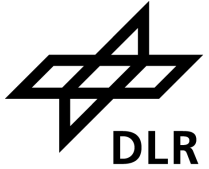
Hang Vu, Dr. Bianca I. Schuchardt

DLR Institute of Flight Guidance, German Aerospace Center





Vertiport Research Infrastructure for Innovation Exploration and Demonstration



Objective: Development and implementation of flexible, modular vertiport research infrastructure

Main content

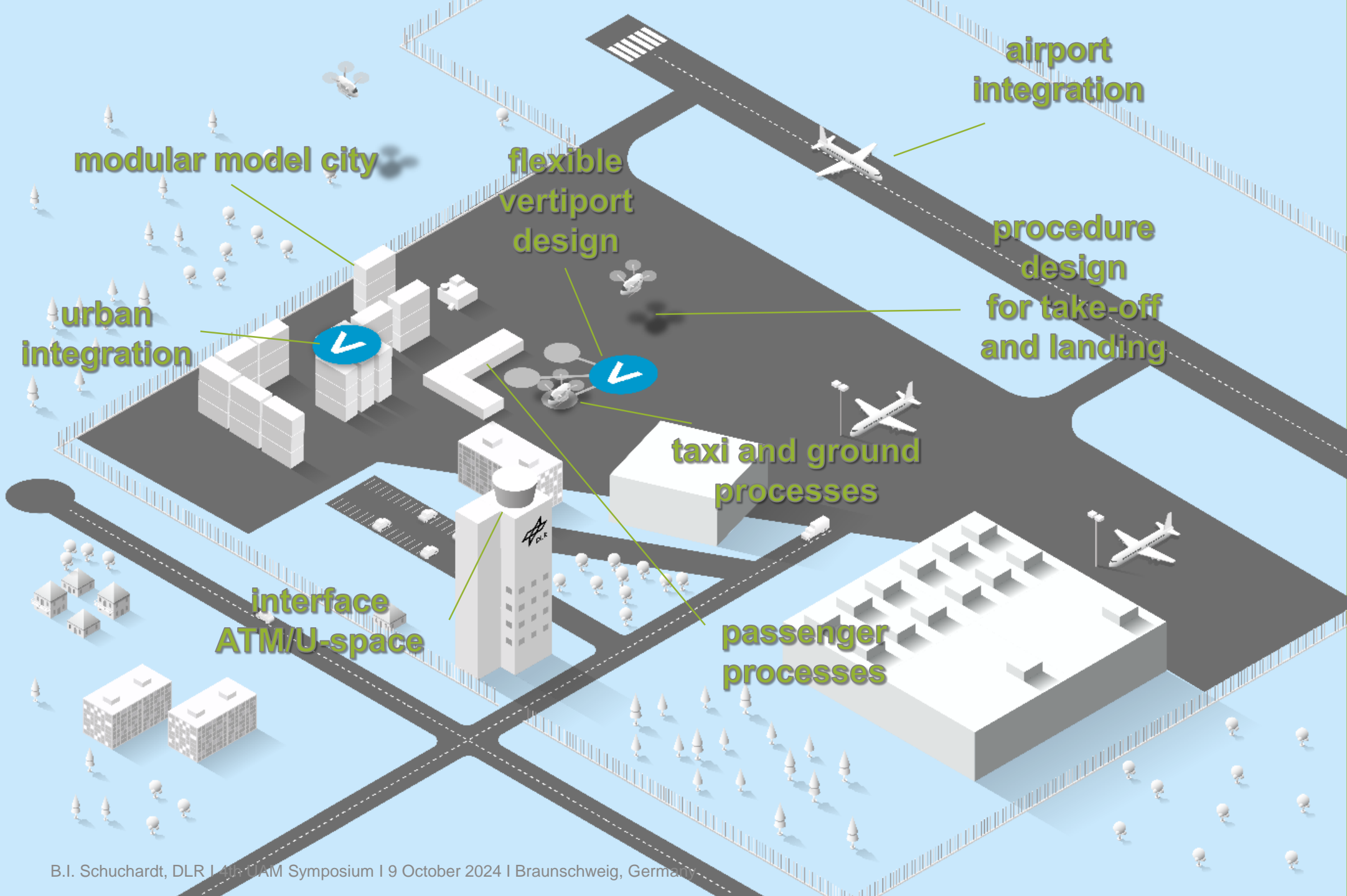
- Requirements engineering and concept development for vertiport prototypes
- Physical research infrastructure for vertiports at DLR site Cochstedt
- Urban and airport integration of vertiports
- Air traffic management through implementation of U-space services for vertiports
- Experimental system architecture for vertical take-off and landing capable vehicle (VCA)
- Flight testing

📅 Duration: 07/2024 – 06/2028 (48 months)

📄 Scope: 21.3 person-years (273,0 k€) + infrastructure investment

👥 Participants: 6 DLR institutes/facilities, stakeholder cooperation





Imprint



- Topic: **VERTIFIED** Vertiport Research Infrastructure for Innovation
Exploration and Demonstration
- Date: 9 October 2024
- Authors: B.I. Schuchardt, H. Vu
- Institutes: DLR Institute of Flight Guidance
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