

# SkeyDrone

*Implementing the building blocks  
that enable  
urban airspace operations*

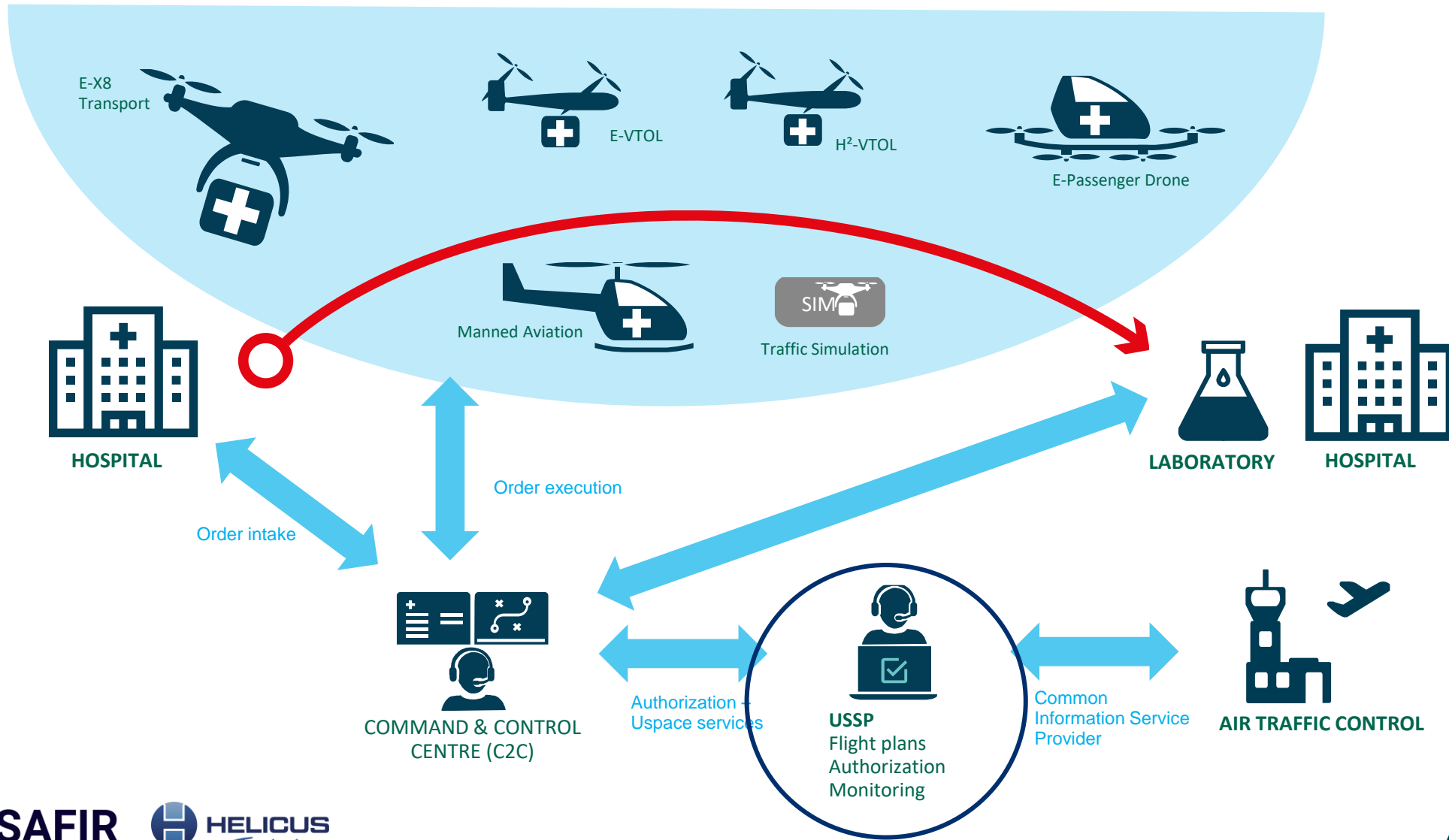


**Hendrik-Jan Van Der Gucht**  
Managing Director, SkeyDrone

**SAFIR-Med Conference & Demo Event,  
Port of Antwerp, 02 June 2022**

- Our dream
  - “Automating the skies for unmanned aviation”
- Our strategy
  - Assist national (CAA) & local authorities (cities, ports,...) in developing & executing roadmaps (frameworks) for the gradual implementation of drone operations in challenging environments
  - Build and provide an aviation-grade risk mitigation tool set to drone operators consisting of traffic management & value-added services
  - Become one of the first European U-space service providers (USSP)
- Our contributions in SAFIR-MED
  - (Co-)designing U-space ConOps & system architecture
  - Coordinating the Antwerp Demonstration Trial
  - Acting as USSP

# SAFIR-Med Architecture

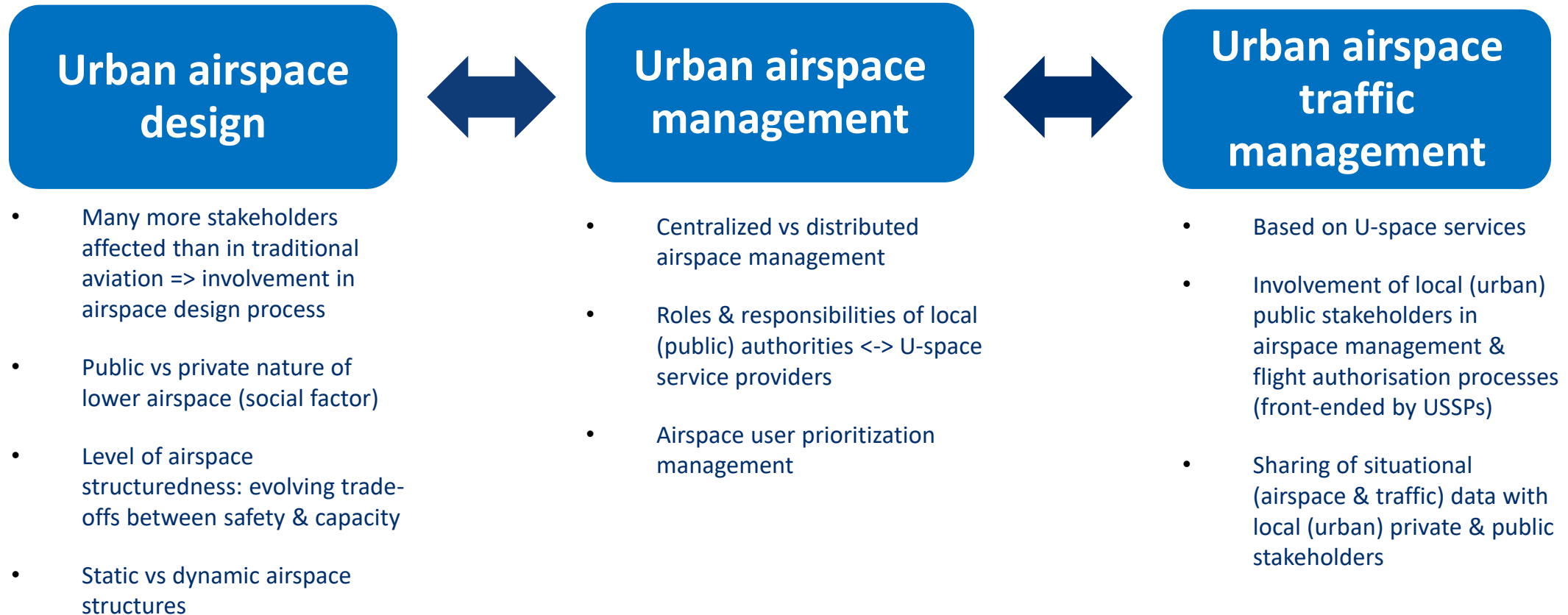


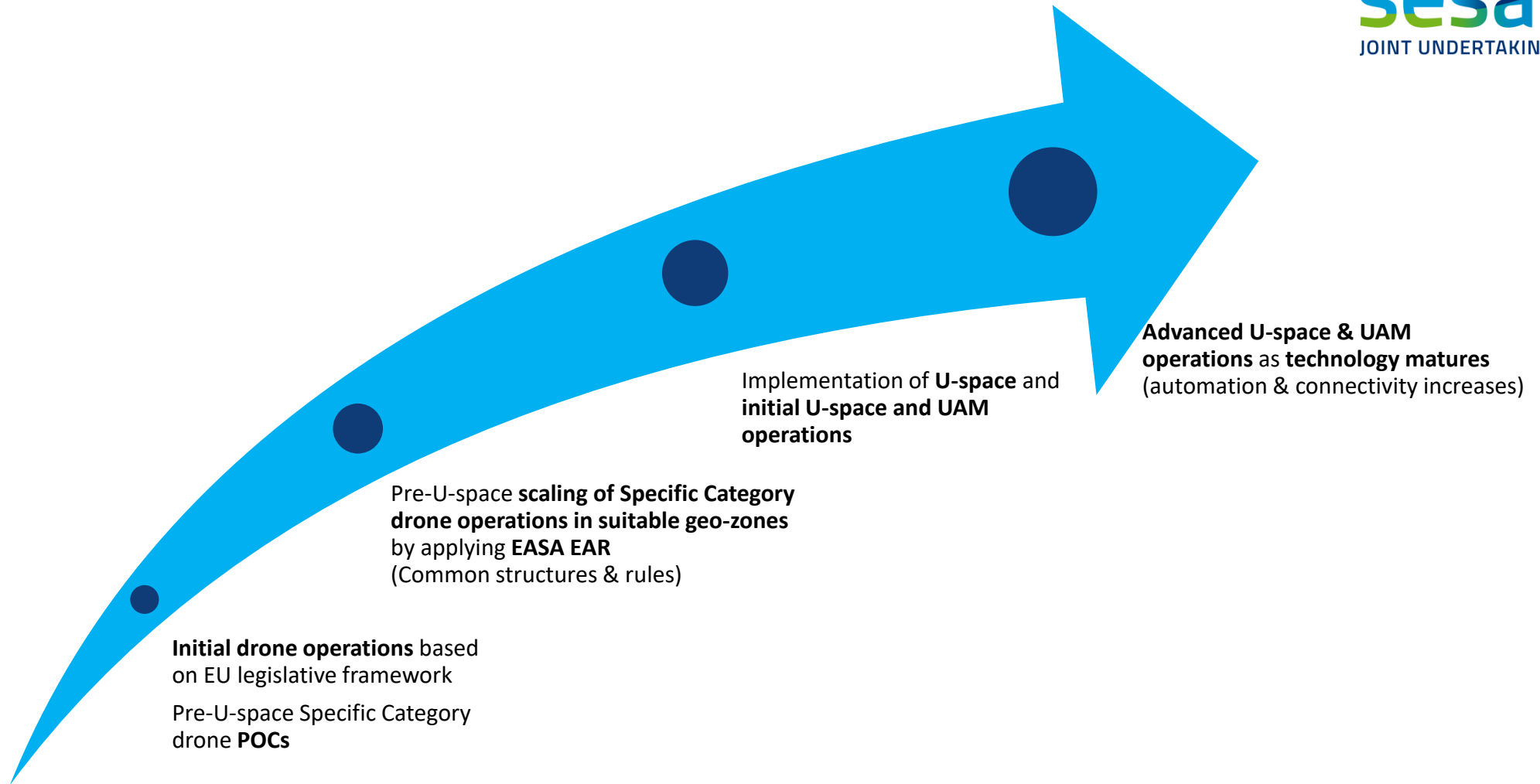
# *Paving the way towards Urban airspace operations*



# Urban airspace operations: building blocks

- Regulatory basis:
  - (Initial) U-space regulatory framework = adequate starting point
  - But ... application in an urban context comes with specific challenges





THANK YOU FOR  
YOUR ATTENTION