

CORUS-XUAM Expectations from the SESAR 3 JU

16 March 2022

Co-funded by the European Union

EUROPEAN PARTNERSHIP

SESAR 3 Joint Undertaking





Single European Sky (SES)







SESAR 3 Joint Undertaking



A roadmap for ATM modernisation Meeting the performance objectives of the Single European Sky ▶ Ensuring support with ICAO's global air navigation plan

to answer local needs Synchronised deployment to deliver Europe-wide benefits

Delivering a catalogue of Solutions to transform

Validating & demonstrating

Solutions in real-operational







EASA

Implementation approach

Definition of call content...





9 'flagships' ∰ ² € Connected and automated ATM

- Air-ground integration and autonomy
- Capacity-on-demand and dynamic airspace
- Virtualisation and cyber-secure data sharing
- Multimodality and passenger experience
- Aviation green deal

- Civil/military interoperability and coordination
- U-space and urban air mobility
 - Artificial intelligence for aviation



Airport automation including runway and surface movement assistance for more predictable ground operations

SESAR technical content



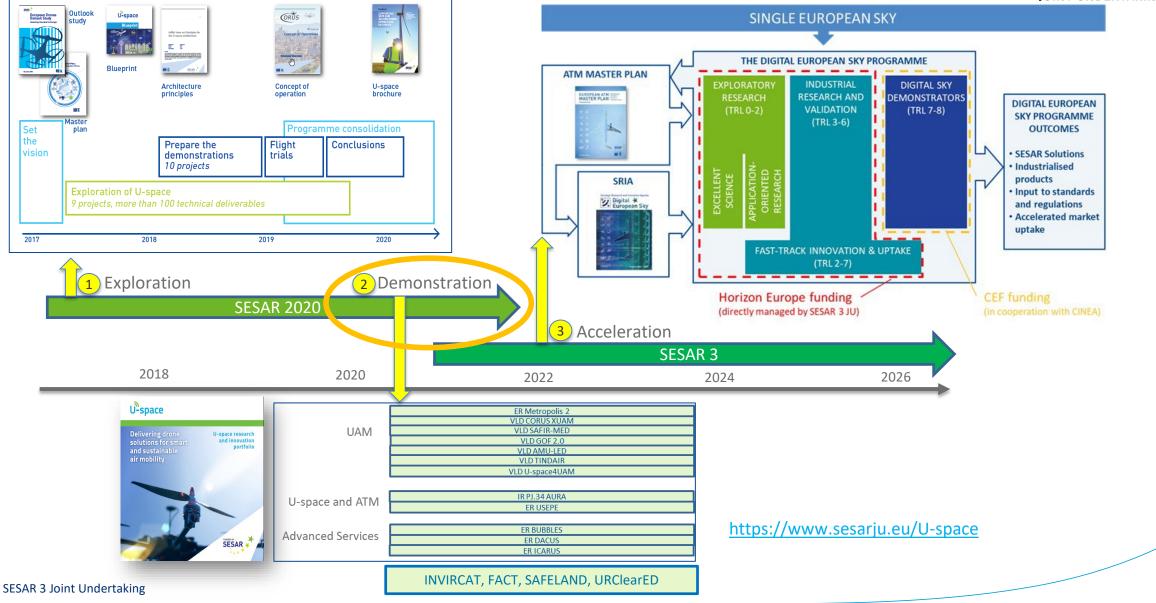






A growing portfolio of projects





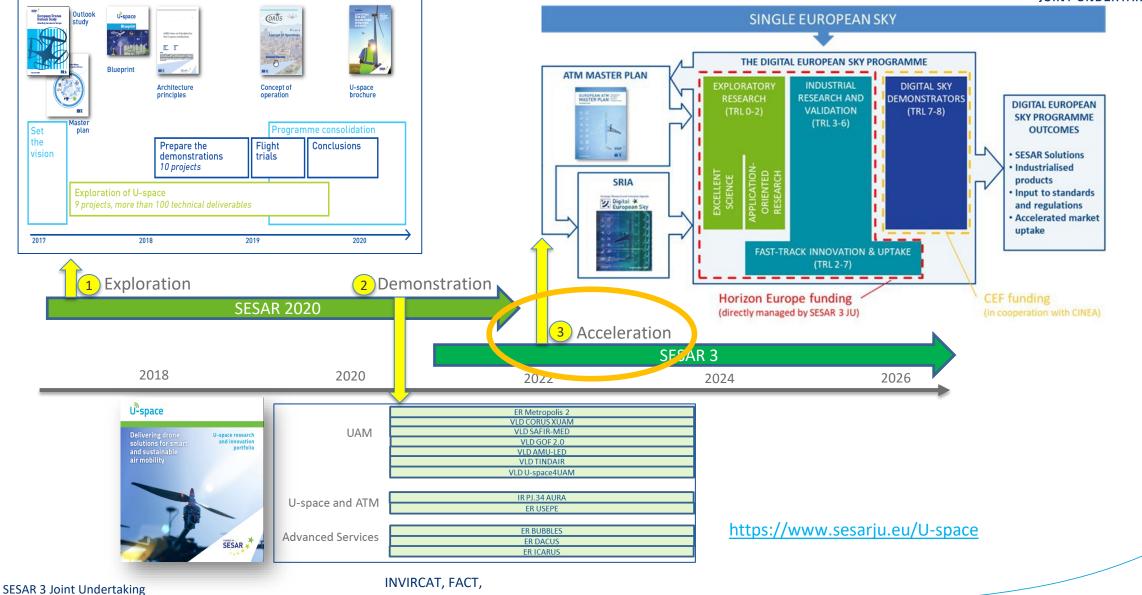
SESAR 3 JU U-space Programme expected <u>BATCH 2</u> main outcomes:



- U-space ConOps (CORUS-XUAM)
- Recommendation to Standardisation and Regulation
- European ATM Master Plan
- Consolidated Report
- Enhanced CDE activities & Enhanced public awareness
- Trigger interest for SESAR 3 JU calls

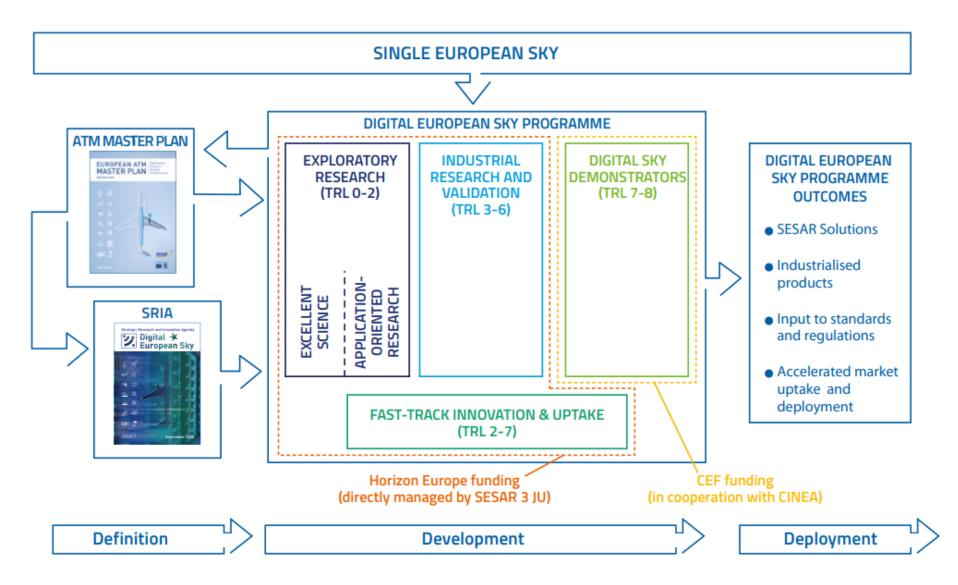
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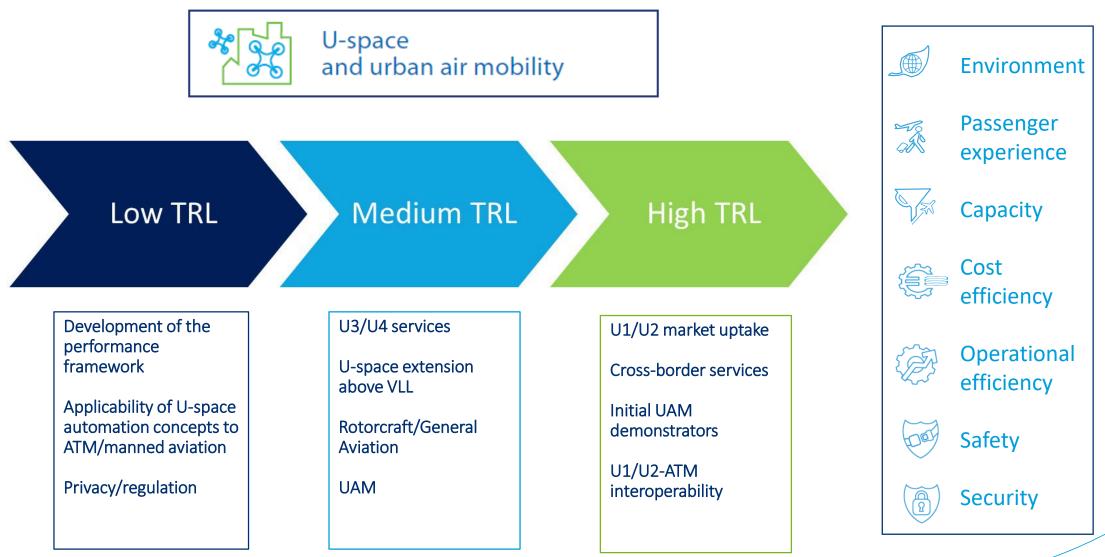
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SESAR 3 JU - U-space - Programme







THANK YOU FOR YOUR ATTENTION



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