

HUCAN

HOLISTIC UNIFIED CERTIFICATION APPROACH FOR NOVEL SYSTEM BASED ON ADVANCED AUTOMATION AND ARTIFICIAL INTELLIGENCE

September 2023 – February 2026

OVERVIEW

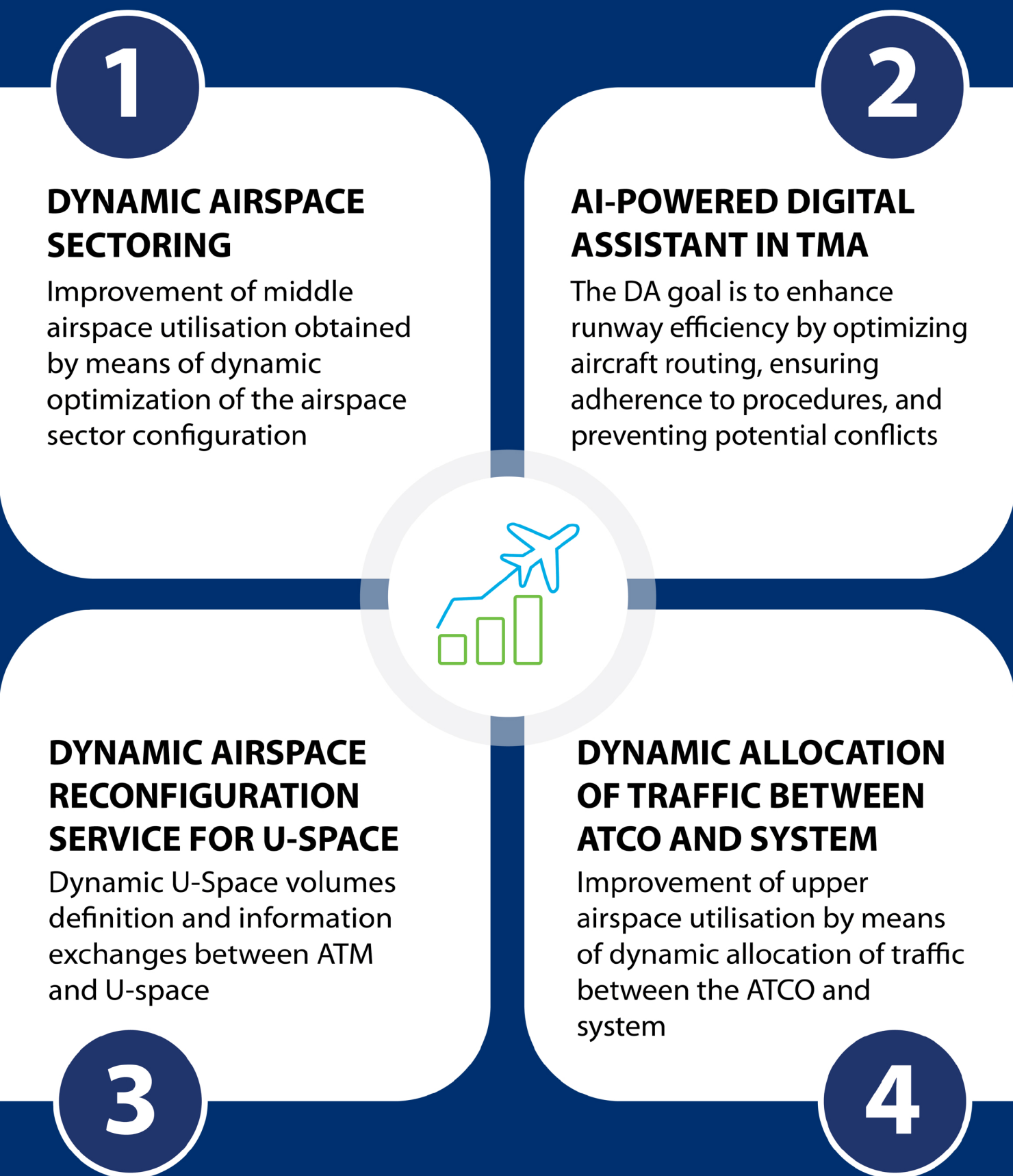
The HUCAN project aims to pioneer certification methods for new ATM systems with a focus on human centred advanced automation and AI technologies. The HUCAN approach to certification will be tested through case studies on dynamic airspace use and capacity on demand.

OBJECTIVES

-  Landscape of **advanced automation** within the EU digital strategy for mobility and ATM
-  Robust EU **legal and regulatory framework** on certification in aviation and ATM
-  Methods and procedures for **certification of highly automated systems**
-  Specific **guidelines and toolkit** for advanced automation-based ATM systems design

CASE DRIVEN APPROACH

Four case studies will be used to support the design and the validation of the holistic and unified approach to certification defined by the project



LET’S KEEP IN TOUCH!



Join the HUCAN community!



This project has received funding from the SESAR 3 Joint Undertaking under grant agreement No 101114762 under European Union’s Horizon Europe research and innovation programme.

Consortium:

