

Annex I - List of actions selected for funding or put on the reserve list under 2025 Calls for proposals

HORIZON-SESAR-2025-DES-ER03

Topic code	Topic title	Acronym	Title	Coordinating entity	Evaluation status	EU Grant Requested
HORIZON-SESAR-2025-DES-ER-03-WA1-4	Fundamental research for other topics	AIC4ATM	Artificial Intelligence Compliance for Air Traffic Management solutions	UNIVERSITAT POLITÈCNICA DE CATALUNYA	Main list	999.482,26 €
HORIZON-SESAR-2025-DES-ER-03-WA1-1	ATM impact on climate change	AIRCLINS	Aviation Impact Reduction through Climate Intelligence for Sustainable ATM	INSTITUTUL NATIONAL DE CERCETARE-DEZVOLTARE AEROSPATIALA "ELIE CARAFOLI"-	Main list	995.384,50 €
HORIZON-SESAR-2025-DES-ER-03-WA2-1	Research to help shape the future regulatory framework for a DES	ATM- RARE	Resilience, Safety, and Security of ATM highly automated systems in case of High Impact Low Probability (HILP) events	DEEP BLUE SRL	Main list	1.873.490,00 €
HORIZON-SESAR-2025-DES-ER-03-WA1-2	Digital flight rules	DiFeRent	Digital Flight enhanced Rules, enabling new technologies	EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION	Main list	999.770,55 €
HORIZON-SESAR-2025-DES-ER-03-WA1-1	ATM impact on climate change	E-CONTRAIL 2	Multi-Sensor Physics-Informed Contrail Detection, Radiative Forcing Estimation and Interactive Climate Analytics	UNIVERSIDAD CARLOS III DE MADRID	Main list	999.982,50 €
HORIZON-SESAR-2025-DES-ER-03-WA2-1	Research to help shape the future regulatory framework for a DES	EHRA	EVOLUTION OF THE HUMAN ROLE SUPPORTED BY AUTOMATION	DEUTSCHES ZENTRUM FÜR LUFT - UND RAUMFAHRT EV	Main list	1.999.797,85 €
HORIZON-SESAR-2025-DES-ER-03-WA2-1	Research to help shape the future regulatory framework for a DES	FairSky	Framework for Airspace Incentives and Routing toward Sustainable Sky	THE UNIVERSITY OF WESTMINSTER LBG	Main list	1.999.921,55 €
HORIZON-SESAR-2025-DES-ER-03-WA1-4	Fundamental research for other topics	HIVE	HARMONIZED INTEGRATION AND VERIFICATION OF UAS MULTIPLE SIMULTANEOUS OPERATIONS IN THE U-SPACE ENVIRONMENT (HIVE)	Flyfire srl	Main list	1.000.062,50 €
HORIZON-SESAR-2025-DES-ER-03-WA2-2	Integration of the next generation aircraft for zero/low emission aviation	INGERA	INTEGRATION OF THE NEXT GENERATION REGIONAL AIRCRAFT INTO ATM FOR ZERO/LOW EMISSION AVIATION	ARISTOTELIO PANEPISTIMIO THESSALONIKIS	Main list	1.982.504,09 €
HORIZON-SESAR-2025-DES-ER-03-WA1-3	Investigate quantum sensing and computing applied to ATM	JANUS	Jumpstarting Air Navigation Services with Quantum Solutions	SVEUCILISTE U ZAGREBU FAKULTET PROMETNIH ZNANOSTI	Main list	994.100,53 €
HORIZON-SESAR-2025-DES-ER-03-WA2-1	Research to help shape the future regulatory framework for a DES	MEDUSA	Methodological Framework for Developing Unerring Safety-critical AI-Based Systems	DEUTSCHES ZENTRUM FÜR LUFT - UND RAUMFAHRT EV	Main list	1.999.155,25 €
HORIZON-SESAR-2025-DES-ER-03-WA1-3	Investigate quantum sensing and computing applied to ATM	NEXT-QCM	TOWARDS EXPLAINABLE QUANTUM AI SOLUTIONS FOR NEXT -GENERATION TRAJECTORY OPTIMISATION	MALARDALENS UNIVERSITET	Main list	999.997,00 €
HORIZON-SESAR-2025-DES-ER-03-WA1-3	Investigate quantum sensing and computing applied to ATM	PostQat	Post-Quantum Secure Communication and Surveillance for Air Traffic Management	navaid OÜ	Main list	999.426,09 €
HORIZON-SESAR-2025-DES-ER-03-WA1-3	Investigate quantum sensing and computing applied to ATM	QUASAN	Quantum Sensing in Aviation Navigation Applications	TECHNISCHE UNIVERSITÄT BRAUNSCHWEIG	Main list	996.838,62 €
HORIZON-SESAR-2025-DES-ER-03-WA1-1	ATM impact on climate change	TUNED	TOOLKIT FOR NOISE AND SOCIETAL IMPACT ASSESSMENT OF U-SPACE-ENABLED DRONE OPERATIONS	THE UNIVERSITY OF SALFORD	Main list	996.121,83 €
HORIZON-SESAR-2025-DES-ER-03-WA2-2	Integration of the next generation aircraft for zero/low emission aviation	ZENITIA	Zero-Emission Next-Gen Innovation and Technology Integration for Aviation	UNIVERSIDAD CARLOS III DE MADRID	Main list	1.995.262,29 €
HORIZON-SESAR-2025-DES-ER-03-WA2-2	Integration of the next generation aircraft for zero/low emission aviation	ZEUS	Zero/low Emission Aircraft Integration into Future European Air Traffic System	CENTRO DE REFERENCIA INVESTIGACION DESARROLLO E INNOVACION ATM, A.I.E.	Main list	1.998.683,75 €
HORIZON-SESAR-2025-DES-ER-03-WA2-2	Integration of the next generation aircraft for zero/low emission aviation	HEATMAP	HYBRID-ELECTRIC, HYDROGEN AND BATTERY-ELECTRIC AIR TRAFFIC MANAGEMENT AND PLANNING	DEUTSCHES ZENTRUM FÜR LUFT - UND RAUMFAHRT EV	Reserve list	1.999.625,19 €
HORIZON-SESAR-2025-DES-ER-03-WA2-1	Research to help shape the future regulatory framework for a DES	HOLLY	HOlistic LLM sYstem for Certification-Aware Design of AI in aviation	DEEP BLUE SRL	Reserve list	1.999.021,53 €
HORIZON-SESAR-2025-DES-ER-03-WA2-2	Integration of the next generation aircraft for zero/low emission aviation	NEXTAIR	NEXT generation of Aircraft operations supported by AI	NEXTANT APPLICATIONS & INNOVATIVE SOLUTION SRL	Reserve list	1.986.081,38 €
HORIZON-SESAR-2025-DES-ER-03-WA1-3	Investigate quantum sensing and computing applied to ATM	QUATRO	Quantum Computing Applications to Air Traffic Research and Optimisation	NOMMON SOLUTIONS AND TECHNOLOGIES SL	Reserve list	1.000.000,00 €
HORIZON-SESAR-2025-DES-ER-03-WA1-1	ATM impact on climate change	REDUCT	Reducing Uncertainties in Contrail Impact and Climate-optimized Traffic Flow Modelling in Aviation	DEUTSCHES ZENTRUM FÜR LUFT - UND RAUMFAHRT EV	Reserve list	999.991,72 €
HORIZON-SESAR-2025-DES-ER-03-WA1-4	Fundamental research for other topics	SITAM	Supersonic Integration into Traffic and Airspace Management	DEUTSCHES ZENTRUM FÜR LUFT - UND RAUMFAHRT EV	Reserve list	998.997,46 €
HORIZON-SESAR-2025-DES-ER-03-WA1-4	Fundamental research for other topics	SMART	SECURE MILITARY OPERATIONS INTEGRATION THROUGH ADVANCED RESILIENT U-SPACE TECHNOLOGIES FOR THE SAFETY AND CIVIL-MILITARY INTEROPERABILITY	Agile Systems Engineering S.R.L.	Reserve list	992.606,60 €

HORIZON-SESAR-2025-DES-IR02

Topic code	Topic title	Acronym	Title	Coordinating entity	Evaluation status	EU Grant Requested
HORIZON-SESAR-2025-DES-IR-02-WA7-2	Support to programme execution on SESAR architecture and on Strategic deployment planning and monitoring	APOLLO	APOLLO - Architecture, Planning, mOnitoring and LifecycLe Oversight	EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION	Main list	991.878,06 €
HORIZON-SESAR-2025-DES-IR-02-WA4-2	Smart airports, airports as multimodal nodes and passenger experience	ARCADE	Airport Resilience, Crisis Adaptation & Disruption Escalation prevention	DEEP BLUE SRL	Main list	2.999.497,50 €
HORIZON-SESAR-2025-DES-IR-02-WA3-1	Next generation ATS platforms for en-route and TMA operations	ARTEMISA	Advancing platforms for en-Route and TMA to support incrEased autoMation, Interoperability and SustAinability	INDRA SISTEMAS SA	Main list	27.499.011,80 €
HORIZON-SESAR-2025-DES-IR-02-WA1-1	Transformation to trajectory-based operations	ATC-TBO 2	Air Traffic Control - Trajectory Based Operations 2	EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION	Main list	9.982.853,20 €
HORIZON-SESAR-2025-DES-IR-02-WA2-1	Transition towards high performance of air-ground connectivity (multilink)	CICONIA MET	CICONIA MET is designing additional meteorological and climate services for aviation stakeholders, based on advanced aircraft sensing and connectivity.	AIRBUS	Main list	6.999.894,17 €
HORIZON-SESAR-2025-DES-IR-02-WA6-1	Fast-track U3 U-space advanced services and CNS capabilities	DAEDALUS	DEVELOPMENT OF ALTITUDE-ENHANCED DYNAMIC AIRSPACE LAYERS FOR U-SPACE	TOPVIEW SRL	Main list	2.654.589,81 €
HORIZON-SESAR-2025-DES-IR-02-WA5-3	Airborne capabilities for supporting reducing ATM environmental footprint	DYN-MAX	DYNAMIC AIRCRAFT ENERGY MANAGEMENT IN ATC-COMPLEX ENVIRONMENTS	DEUTSCHES ZENTRUM FÜR LUFT - UND RAUMFAHRT EV	Main list	5.998.442,82 €
HORIZON-SESAR-2025-DES-IR-02-WA4-2	Smart airports, airports as multimodal nodes and passenger experience	EUPHORIA	Environmental, User-driven Prioritisation with the Heart in the centralised lite Operation centre of Regional airports supported by Integration of Artificial Intelligence	AIRPORT GURUS SL	Main list	2.997.075,00 €
HORIZON-SESAR-2025-DES-IR-02-WA5-2	Highly automated ATM for all airspace users	GARDA	GNSS Applications for Resilient and Digital Aviation	DEUTSCHES ZENTRUM FÜR LUFT - UND RAUMFAHRT EV	Main list	5.287.782,57 €
HORIZON-SESAR-2025-DES-IR-02-WA5-3	Airborne capabilities for supporting reducing ATM environmental footprint	GEESE 2	Gain Environmental Efficiency by Saving Energy 2	AIRBUS	Main list	5.999.567,22 €
HORIZON-SESAR-2025-DES-IR-02-WA6-2	Fast-track Extending U-space eco-system	GOF3	GOF3 – Get Operations Fused; Shared Situational Awareness and Decision Support for Crewed and Uncrewed Aircraft in Controlled and Uncontrolled Low-Level Airspace	FREQUENTIS AG	Main list	4.998.080,63 €
HORIZON-SESAR-2025-DES-IR-02-WA3-1	Next generation ATS platforms for en-route and TMA operations	HAVEN	Highly Automated and Virtualised ATS Platform for EN-route and TMA Operations	THALES LAS FRANCE SAS	Main list	27.499.897,38 €
HORIZON-SESAR-2025-DES-IR-02-WA5-2	Highly automated ATM for all airspace users	IRINA2	Integration of RPAS In the European Airspace	EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION	Main list	5.817.728,81 €
HORIZON-SESAR-2025-DES-IR-02-WA5-1	Increased automation assistance for the pilot for ATM tasks	JARVIS-CONNECT	Just A Rather Very Intelligent and Connected System	COLLINS AEROSPACE IRELAND, LIMITED	Main list	5.999.815,69 €
HORIZON-SESAR-2025-DES-IR-02-WA2-1	Transition towards high performance of air-ground connectivity (multilink)	LYCORNE	LDACS and Hybrid Communications for Resilient Networks	ROHDE & SCHWARZ GMBH & CO. KOMMANDITGESELLSCHAFT	Main list	6.989.571,93 €
HORIZON-SESAR-2025-DES-IR-02-WA3-1	Next generation ATS platforms for en-route and TMA operations	NATICA	Next-Generation ATS Platform for Innovative, Climate-Conscious, and Secure Air Traffic Management	FREQUENTIS AG	Main list	18.999.968,00 €
HORIZON-SESAR-2025-DES-IR-02-WA1-1	Transformation to trajectory-based operations	NET-TBO 2	Network Trajectory Based Operations 2	EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION	Main list	9.986.846,82 €
HORIZON-SESAR-2025-DES-IR-02-WA4-1	Next generation ATS platform for airport operations	NEURON	NEw aiRport Operational service Network	INDRA SISTEMAS SA	Main list	11.935.813,22 €
HORIZON-SESAR-2025-DES-IR-02-WA3-1	Next generation ATS platforms for en-route and TMA operations	NOMAD	Next-Gen Service Oriented Modular ATM Development for Enroute & TMA	TERN SYSTEMS EHF	Main list	21.378.356,91 €
HORIZON-SESAR-2025-DES-IR-02-WA4-1	Next generation ATS platform for airport operations	PARADISE	PARADISE – the Airport Platform of the Future	SINTEF AS	Main list	11.999.912,70 €
HORIZON-SESAR-2025-DES-IR-02-WA3-2	Enhanced CNS capabilities	POLARIS	Space-Based Surveillance: Ground and Air Multilateration as a Service	THALES LAS FRANCE SAS	Main list	9.968.787,92 €
HORIZON-SESAR-2025-DES-IR-02-WA6-1	Fast-track U3 U-space advanced services and CNS capabilities	RAXUS	Risk-based Authorisation and eXecution in U-space airSpaces	ENAIRE	Main list	4.998.339,93 €
HORIZON-SESAR-2025-DES-IR-02-WA3-2	Enhanced CNS capabilities	SCAN	SCAN: Reviewing, Adapting and Developing CNS Infrastructure and Services to Ensure the Safe Integration of HAO And STO Vehicles	EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION	Main list	9.686.590,70 €
HORIZON-SESAR-2025-DES-IR-02-WA7-1	Support to programme execution framework on performance	SPARK	SESAR Performance Assessment, Reporting and Knowledgebase	ENAIRE	Main list	1.999.678,24 €
HORIZON-SESAR-2025-DES-IR-02-WA6-3	Fast-track Enabling innovative air mobility (IAM) / Vertical take-off and landing capable aircraft (VCA) (crewed and uncrewed) operations	VERTI-GO	Vertical Operations ready to GO	HONEYWELL INTERNATIONAL SRO	Main list	4.996.816,86 €
HORIZON-SESAR-2025-DES-IR-02-WA3-2	Enhanced CNS capabilities	AGNES	A-PNT and GBAS Navigation Enhanced Solutions	PILDO CONSULTING SL	Reserve list	7.809.588,81 €
HORIZON-SESAR-2025-DES-IR-02-WA3-1	Next generation ATS platforms for en-route and TMA operations	ATMOSPHER	ATM OPERATIONS ON SERVICE PLATFORM FOR HARMONISED INTEROPERABILITY	LEONARDO - SOCIETA PER AZIONI	Reserve list	18.999.166,85 €
HORIZON-SESAR-2025-DES-IR-02-WA5-1	Increased automation assistance for the pilot for ATM tasks	EvoFLIGHT	EVOLUTIONARY FRAMEWORK FOR LOAD-AWARE IN-COCKPIT GUIDANCE TOWARDS HIGHLY-AUTOMATED ATC OPERATIONS IN TMAS AND ON THE AIRPORT SURFACE	DEUTSCHES ZENTRUM FÜR LUFT - UND RAUMFAHRT EV	Reserve list	5.736.754,36 €
HORIZON-SESAR-2025-DES-IR-02-WA6-2	Fast-track Extending U-space eco-system	U-EXPAND	U-space - Expanding the Eco-system through Enhanced CNS Technologies	D-FLIGHT SPA	Reserve list	4.900.236,87 €