



EUROPEAN CLIMATE, INFRASTRUCTURE AND ENVIRONMENT EXECUTIVE AGENCY (CINEA)

CINEA.B – Sustainable networks and investments
CINEA.B – Sustainable networks and investments

GRANT AGREEMENT

Project 101233005 — 24-EU-TG-CLEAN ATM 3

PREAMBLE

This **Agreement** ('the Agreement') is **between** the following parties:

on the one part,

the **European Climate, Infrastructure and Environment Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers delegated by the European Commission ('European Commission'),

and

on the other part,

1. 'the coordinator':

EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION (EUROCONTROL), PIC 999483733, established in Rue de la Fusée 96, BRUXELLES 1130, Belgium,

and the following other beneficiaries, if they sign their 'accession form' (see Annex 3 and Article 40):

2. **EUROPEAN REGION OF THE AIRPORTS COUNCIL INTERNATIONAL (ACI EUROPE)**, PIC 888337447, established in BOULEVARD DU REGENT 37-40, BRUXELLES 1000, Belgium,

3. **AIR FRANCE SA (AIR FRANCE)**, PIC 937590070, established in RUE DE PARIS 45, ROISSY CDG CEDEX 95747, France,

4. **AUSTRO CONTROL OSTERREICHISCHE GESELLSCHAFT FUR ZIVILLUFTFAHRT MBH (AUSTRO CONTROL)**, PIC 998956635, established in SCHNIRCHGASSE 17, WIEN 1030, Austria,

5. **HRVATSKA KONTROLA ZRACNE PLOVIDBE DOO (CROATIA CONTROL)**, PIC 924128216, established in RUDOLFA FIZIRA 2, VELIKA GORICA 10410, Croatia,

6. **DEUTSCHE LUFTHANSA AKTIENGESELLSCHAFT (LUFTHANSA)**, PIC 999965532, established in VENLOER STRASSE 151-153, KOLN 50672, Germany,

7. **DFS DEUTSCHE FLUGSICHERUNG GMBH (DFS)**, PIC 999936820, established in AM DFS CAMPUS 10, LANGEN 63225, Germany,
8. **DIRECTION DES SERVICES DE LA NAVIGATION AERIENNE (DSNA)**, PIC 928673636, established in 50 RUE HENRY FARMAN, PARIS 75720, France,
9. **EASYJET EUROPE AIRLINE GMBH (EEAG)**, PIC 888316786, established in WAGRAMER STRASSE 19 IZD TOWER 11 S, VIENNA 1220, Austria,
10. **ENAIRE (ENAIRE)**, PIC 997701843, established in AVENIDA DE ARAGON S/N BLOQUE 330, PORTAL 2 PARQUE EMPRESARIAL LAS MERCEDES, MADRID 28022, Spain,
11. **ENAV SPA (ENAV)**, PIC 998197513, established in VIA SALARIA 716, ROMA 00138, Italy,
12. **HUNGAROCONTROL MAGYAR LEGIFORGALMISZOLGALAT ZARTKORUEN MUKODO RESZVENYTARSASAG (HUNGAROCONTROL)**, PIC 941767472, established in IGLO UTCA 33 35, BUDAPEST 1185, Hungary,
13. **THE IRISH AIR NAVIGATION SERVICE (AIRNAV IRELAND)**, PIC 881850281, established in THE TIMES BUILDING D'OLIER STREET, DUBLIN D02 T449, Ireland,
14. **LUFTFARTSVERKET (LFV)**, PIC 942346077, established in HOSPITALSGATAN 30, NORRKOPING 602 27, Sweden,
15. **NAVEGACAO AEREA DE PORTUGAL - NAV PORTUGAL EPE (NAV PORTUGAL)**, PIC 955596471, established in RUA D EDIFICIO 121 AEROPORTO DE, LISBOA 1700 008, Portugal,
16. **NAVIAIR (NAVIAIR)**, PIC 923671249, established in NAVIAIR ALLE 1, KASTRUP 2770, Denmark,
17. **POLSKA AGENCJA ZEGLUGI POWIETRZNEJ (PANS)**, PIC 995562023, established in UL. WIEZOWA 8, WARSZAWA 02 147, Poland,
18. **ADMINISTRATIA ROMANA A SERVICIILOR DE TRAFIC AERIAN (ROMATSA RA)**, PIC 953538325, established in BLD ION IONESCU DE LA BRAD 10, BUCURESTI 013813, Romania,
19. **RYANAIR DESIGNATED ACTIVITY COMPANY (RYANAIR)**, PIC 913857177, established in RYANAIR DUBLIN OFFICE AIRSIDE BUSINESS PARK, SWORDS DUBLIN, Ireland,
20. **DARJAVNO PREDPRIYATIE RAKOVODSTVO NA VAZDUSHNOTO DVIJENIE TPP (BULATSA)**, PIC 958046400, established in BRUSSELS BOULEVARD 1, SOFIA 1540, Bulgaria,
21. **AEROPORIA AIGAIU ANONYMI AEROPORIKI ETAIREIA (AEGEAN AIRLINES)**, PIC 952277325, established in BUILDING 57, ATHENS INTERNATIONAL AIRPORT, SPATA,ATTIKI, SPATA 190 19, Greece,
22. **LENNULIIKLUSTEENINDUSE AS (EANS)**, PIC 959140463, established in KANALI POIK 3, RAE KULA RAE VALD 10112, Estonia,
23. **KONINKLIJKE LUCHTVAART MAATSCHAPPIJNV (KLM)**, PIC 997594658, established in AMSTERDAMSEWEG 55, AMSTELVEEN 1182 GP, Netherlands,

24. **LETOVE PREVADZKOVE SLUZBY SLOVENSKEJ REPUBLIKY, STATNY PODNIK (LPS)**, PIC 957126452, established in IVANSKA CESTA 93, BRATISLAVA 823 07, Slovakia,

25. **MALTA AIR TRAFFIC SERVICES LIMITED (MATS)**, PIC 932440534, established in MALTA INTERNATIONAL AIRPORT, LUQA LQA 5000, Malta,

26. **SCANDINAVIAN AIRLINES SYSTEM SAS CONSORTIUM (SAS)**, PIC 973540404, established in, STOCKHOLM SE-195 87, Sweden,

27. **European Air Transport Leipzig GmbH (EAT Leipzig)**, PIC 875402594, established in August-Euler Strasse 1, Schkeuditz 04435, Germany,

Unless otherwise specified, references to ‘beneficiary’ or ‘beneficiaries’ include the coordinator and affiliated entities (if any).

If only one beneficiary signs the grant agreement (‘mono-beneficiary grant’), all provisions referring to the ‘coordinator’ or the ‘beneficiaries’ will be considered — mutatis mutandis — as referring to the beneficiary.

The parties referred to above have agreed to enter into the Agreement.

By signing the Agreement and the accession forms, the beneficiaries accept the grant and agree to implement the action under their own responsibility and in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

The Agreement is composed of:

Preamble

Terms and Conditions (including Data Sheet)

Annex 1 Description of the action¹

Annex 2 Estimated budget for the action

Annex 2a Additional information on unit costs and contributions (if applicable)

Annex 3 Accession forms (if applicable)²

Annex 3a Declaration on joint and several liability of affiliated entities (if applicable)³

Annex 4 Model for the financial statements

Annex 5 Specific rules (if applicable)

¹ Template published on [Portal Reference Documents](#).

² Template published on [Portal Reference Documents](#).

³ Template published on [Portal Reference Documents](#).

TERMS AND CONDITIONS

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DATA SHEET

1. General data

Project summary:

Project summary
<p>The CLEAN ATM 3 project complements the two projects already funded under CEF Transport Calls 2022 and 2023 and further supports the synchronised implementation of Regulation (EU) n. 2021/116 – the Common Project 1 (CP1) – in full accordance with the provisions and timeline set in the SESAR Deployment Programme. This project aims at kickstarting the deployment of AF6, the last Air Traffic Management (ATM) Functionality (AF) included in CP1 and including a set of technologies which are commonly acknowledged as those in most urgent need of being deployed to ensure the overall efficiency, safety, capacity and environmental sustainability of ATM in Europe. Coordinated by the SESAR Deployment Manager, CLEAN ATM 3 regroups both airlines and Air Navigation Service Providers (ANSPs) and pushes forward the Europe-wide adoption of the Automatic Dependent Surveillance - Contract - Extended Projected Profile (ADS-C EPP), making the on-board trajectory information and data of the aircraft available to ANSPs and the Network Manager (NM), allowing Airspace Users to fly closer to optimal flight trajectory, saving significant amount of fuel and unnecessary CO2 emissions. CLEAN ATM 3 brings together 36 operational stakeholders from 21 EU Member States and establishes a multi-stakeholder project that supports AF6 deployment in a synchronised manner, by addressing all its domains (i.e. avionics upgrade, ANSPs system upgrades, and trajectory information ground distribution), as foreseen by the CEF 2 Call 2024 text. Due to its content, CLEAN ATM 3 possesses a pan-European dimension, as benefits will spread to passengers flying across the whole EU and even towards neighbouring states. When combined, the investments of ANSPs and airlines will secure the transition of ATM across Europe towards the highest standards of efficiency, safety, interoperability, capacity, resilience, and environmental sustainability.</p>

Keywords:

- SESAR Deployment Manager, SDM, ATM, Common Project 1, CP1, AF6, Initial Trajectory Information Sharing, Aviation

Project number: 101233005

Project name: CP1 Deployment – Synchronised Modernisation of ATM (Part 3)

Project acronym: 24-EU-TG-CLEAN ATM 3

Call: CEF-T-2024-SIMOBGEN

Topic: CEF-T-2024-SIMOBGEN-SESAR-CP-WORKS

Type of action: CEF Infrastructure Projects

Granting authority: European Climate, Infrastructure and Environment Executive Agency

Grant managed through EU Funding & Tenders Portal: Yes (eGrants)

Project starting date: fixed date: 1 February 2025

Project end date: 31 December 2027

Project duration: 35 months

Consortium agreement: Yes

2. Participants

List of participants:

Nº	Role	Short name	Legal name	Ctry	PIC	Total eligible costs (BEN and AE)	Max grant amount
1	COO (IO)	EUROCONTROL	EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION	BE	999483733	1 661 024.00	830 512.00
2	BEN	ACI EUROPE	EUROPEAN REGION OF THE AIRPORTS COUNCIL INTERNATIONAL	BE	888337447	546 999.00	273 499.50

N°	Role	Short name	Legal name	Ctry	PIC	Total eligible costs (BEN and AE)	Max grant amount
3	BEN	AIR FRANCE	AIR FRANCE SA	FR	937590070	136 749.00	68 374.50
3.1	AE	TRANSAVIA	TRANSAVIA FRANCE SAS	FR	990013914	941 500.00	470 750.00
4	BEN	AUSTRO CONTROL	AUSTRO CONTROL OSTERREICHISCHE GESELLSCHAFT FUR ZIVILLUFTFAHRT MBH	AT	998956635	24 445.00	12 222.50
5	BEN	CROATIA CONTROL	HRVATSKA KONTROLA ZRACNE PLOVIDBE DOO	HR	924128216	24 445.00	12 222.50
6	BEN	LUFTHANSA	DEUTSCHE LUFTHANSA AKTIENGESELLSCHAFT	DE	999965532	8 829 086.00	4 414 543.00
6.1	AE	SN AIRLINES	BRUSSELS AIRLINES	BE	923522936	480 000.00	240 000.00
6.2	AE	OS Airlines	AUSTRIAN AIRLINES AG	AT	875386977	518 392.00	259 196.00
6.3	AE	Eurowings	EUROWINGS GMBH	DE	875384940	2 940 000.00	1 470 000.00
6.4	AE	EW Discover	EW DISCOVER GMBH	DE	875385522	106 810.00	53 405.00
6.5	AE	LHCityAirlines	LUFTHANSA CITY AIRLINES GMBH	DE	875252729	554 406.00	277 203.00
6.6	AE	EW Europe	Eurowings Europe Limited	MT	875087635	57 044.00	28 522.00
7	BEN	DFS	DFS DEUTSCHE FLUGSICHERUNG GMBH	DE	999936820	195 562.00	97 781.00
8	BEN	DSNA	DIRECTION DES SERVICES DE LA NAVIGATION AERIENNE	FR	928673636	16 861 428.00	8 430 714.00
9	BEN	EEAG	EASYJET EUROPE AIRLINE GMBH	AT	888316786	136 749.00	68 374.50
10	BEN	ENAI	ENAI	ES	997701843	4 524 541.00	2 262 270.50
10.1	AE	CRIDA	CENTRO DE REFERENCIA INVESTIGACION DESARROLLO E INNOVACION ATM, A.I.E.	ES	997605619	60 000.00	30 000.00
11	BEN	ENAV	ENAV SPA	IT	998197513	293 343.00	146 671.50
12	BEN	HUNGAROCONTROL	HUNGAROCONTROL MAGYAR LEGIFORGALMISZOLGALAT ZARTKORUEN MUKODO RESZVENYTARSASAG	HU	941767472	97 781.00	48 890.50
13	BEN	AIRNAV IRELAND	THE IRISH AIR NAVIGATION SERVICE	IE	881850281	24 445.00	12 222.50
14	BEN	LFV	LUFTFARTSVERKET	SE	942346077	24 445.00	12 222.50
15	BEN	NAV PORTUGAL	NAVEGACAO AEREA DE PORTUGAL - NAV PORTUGAL EPE	PT	955596471	24 445.00	12 222.50
16	BEN	NAVIAIR	NAVIAIR	DK	923671249	24 445.00	12 222.50
17	BEN	PANSA	POLSKA AGENCJA ZEGLUGI POWIETRZNEJ	PL	995562023	1 408 462.00	704 231.00
18	BEN	ROMATSA RA	ADMINISTRATIA ROMANA A SERVICIILOR DE TRAFIC AERIAN	RO	953538325	9 920 603.00	4 960 301.50
19	BEN	RYANAIR	RYANAIR DESIGNATED ACTIVITY COMPANY	IE	913857177	136 749.00	68 374.50
20	BEN	BULATSA	DARJAVNO PREDPRIYATIE RAKOVODSTVO NA VAZDUSHNOTO DVIJENIE TPP	BG	958046400	97 781.00	48 890.50
21	BEN	AEGEAN AIRLINES	AEROPORIA AIGAIU ANONYMI AEROPORIKI ETAIREIA	EL	952277325	433 168.00	216 584.00
22	BEN	EANS	LENNULIHLUSTEENINDUSE AS	EE	959140463	2 207 882.00	1 103 941.00
23	BEN	KLM	KONINKLIJKE LUCHTVAART MAATSCHAPPIJNV	NL	997594658	755 640.00	377 820.00
24	BEN	LPS	LETOVE PREVADZKOVE SLUZBY SLOVENSKEJ REPUBLIKY, STATNY PODNIK	SK	957126452	340 603.00	170 301.50
25	BEN	MATS	MALTA AIR TRAFFIC SERVICES LIMITED	MT	932440534	6 245 637.00	3 122 818.50
26	BEN	SAS	SCANDINAVIAN AIRLINES SYSTEM SAS CONSORTIUM	SE	973540404	7 101 550.00	3 550 775.00
27	BEN	EAT Leipzig	European Air Transport Leipzig GmbH	DE	875402594	464 250.00	232 125.00
28	AP	SKYGUIDE	SKYGUIDE, SA SUISSE POUR LES SERVICES DE LA NAVIGATION AERIENNE CIVILS ET MILITAIRES	CH	958184334	0.00	0.00
Total						68 200 409.00	34 100 204.50

Coordinator:

- EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION (EUROCONTROL)

3. Grant**Maximum grant amount, total estimated eligible costs and contributions and funding rate:**

Total eligible costs (BEN and AE)	Funding rate (%)	Maximum grant amount (Annex 2)	Maximum grant amount (award decision)
68 200 409.00	0, 70, 50	34 100 204.50	34 100 204.50

Grant form: Budget-based**Grant mode:** Action grant**Budget categories/activity types:**

- A. Personnel costs
 - A.1 Employees, A.2 Natural persons under direct contract, A.3 Seconded persons
 - A.4 SME owners and natural person beneficiaries
- B. Subcontracting costs
- C. Purchase costs
 - C.1 Travel and subsistence
 - C.2 Equipment
 - C.3 Other goods, works and services
- D. Other cost categories
 - D.1 Financial support to third parties
 - D.2 Studies
 - D.3 Synergetic elements
 - D.4 Works in outermost regions
 - D.5 Land purchase
- E. Indirect costs

Cost eligibility options:

- Standard supplementary payments
- Average personnel costs (unit cost according to usual cost accounting practices)
- Country restrictions for subcontracting costs
- Travel and subsistence:
 - Travel: Actual costs
 - Accommodation: Actual costs
 - Subsistence: Actual costs
- Equipment: full costs only
- Costs for providing financial support to third parties (actual cost; max amount for each recipient: EUR 60 000.00)
- Indirect cost flat-rate: 0% of the eligible direct costs (categories A-D, except volunteers costs and exempted specific cost categories, if any)
- VAT: No

- Country restrictions for eligible costs
- Other ineligible costs

Budget flexibility: Yes (no flexibility cap)

4. Reporting, payments and recoveries

4.1 Continuous reporting (art 21)

Deliverables: see Funding & Tenders Portal Continuous Reporting tool

4.2 Periodic reporting and payments

Reporting and payment schedule (art 21, 22):

Reporting					Payments	
Reporting periods			Type	Deadline	Type	Deadline (time to pay)
RP No	Month from	Month to				
					Initial prefinancing	30 days from entry into force/ financial guarantee (if required) – whichever is the latest
					Final payment	90 days from receiving periodic report
1	1	35	Periodic report	60 days after end of reporting period		

Prefinancing payments and guarantees:

Prefinancing payment		Prefinancing guarantee		
Type	Amount	Guarantee amount	Division per participant	
Prefinancing 1 (initial)	17 050 102.25	n/a	1 - EUROCONTROL	n/a
			2 - ACI EUROPE	n/a
			3 - AIR FRANCE	n/a
			3.1 - TRANSAVIA	n/a
			4 - AUSTRO CONTROL	n/a
			5 - CROATIA CONTROL	n/a
			6 - LUFTHANSA	n/a
			6.1 - SN AIRLINES	n/a
			6.2 - OS Airlines	n/a
			6.3 - Eurowings	n/a
			6.4 - EW Discover	n/a
			6.5 - LHCityAirlines	n/a
			6.6 - EW Europe	n/a
			7 - DFS	n/a
			8 - DSN	n/a
			9 - EEAG	n/a
			10 - ENAIRE	n/a

Prefinancing payment		Prefinancing guarantee		
Type	Amount	Guarantee amount	Division per participant	
			10.1 - CRIDA	n/a
			11 - ENAV	n/a
			12 - HUNGAROCNTR	n/a
			13 - AIRNAV IRELAND	n/a
			14 - LFV	n/a
			15 - NAV PORTUGAL	n/a
			16 - NAVIAIR	n/a
			17 - PANS	n/a
			18 - ROMATSA RA	n/a
			19 - RYANAIR	n/a
			20 - BULATSA	n/a
			21 - AEGEAN AIRLINES	n/a
			22 - EANS	n/a
			23 - KLM	n/a
			24 - LPS	n/a
			25 - MATS	n/a
			26 - SAS	n/a
			27 - EAT Leipzig	n/a

Reporting and payment modalities (art 21, 22):

Mutual Insurance Mechanism (MIM): No

Restrictions on distribution of initial prefinancing: The prefinancing may be distributed only if the minimum number of beneficiaries set out in the call conditions (if any) have acceded to the Agreement and only to beneficiaries that have acceded.

Interim payment ceiling (if any): 90% of the maximum grant amount

No-profit rule: Yes

Late payment interest: ECB + 3.5%

Bank account for payments:

BE36310109735681 BBRUBEBBXXX

Conversion into euros: Double conversion

Reporting language: Language of the Agreement

4.3 Certificates (art 24):

Certificates on the financial statements (CFS):

Conditions:

Schedule: interim/final payment, if threshold is reached

Standard threshold (beneficiary-level):

- financial statement: requested EU contribution to costs \geq EUR 325 000.00

4.4 Recoveries (art 22)

First-line liability for recoveries:

Beneficiary termination: Beneficiary concerned

Final payment: Coordinator

After final payment: Beneficiary concerned

Joint and several liability for enforced recoveries (in case of non-payment):

Limited joint and several liability of other beneficiaries — up to the maximum grant amount of the beneficiary

Joint and several liability of affiliated entities — n/a

5. Consequences of non-compliance, applicable law & dispute settlement forum

Suspension and termination:

Additional suspension grounds (art 31)

Additional termination grounds (art 32)

Applicable law (art 43):

Standard applicable law regime: EU law + law of Belgium

Special applicable law regime:

- EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION (EUROCONTROL): law of Belgium + general principles governing the law of international organisations and the general rules of international law

Dispute settlement forum (art 43):

Standard dispute settlement forum:

EU beneficiaries: EU General Court + EU Court of Justice (on appeal)

Non-EU beneficiaries: Courts of Brussels, Belgium (unless an international agreement provides for the enforceability of EU court judgements)

Special dispute settlement forum:

- EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION (EUROCONTROL): Arbitration

6. Other

Specific rules (Annex 5): Yes

Standard time-limits after project end:

Confidentiality (for X years after final payment): 5

Record-keeping (for X years after final payment): 5 (or 3 for grants of not more than EUR 60 000)

Reviews (up to X years after final payment): 5 (or 3 for grants of not more than EUR 60 000)

Audits (up to X years after final payment): 5 (or 3 for grants of not more than EUR 60 000)

Extension of findings from other grants to this grant (no later than X years after final payment): 5 (or 3 for grants of not more than EUR 60 000)

Impact evaluation (up to X years after final payment): 5 (or 3 for grants of not more than EUR 60 000)

CHAPTER 1 GENERAL

ARTICLE 1 — SUBJECT OF THE AGREEMENT

This Agreement sets out the rights and obligations and terms and conditions applicable to the grant awarded for the implementation of the action set out in Chapter 2.

ARTICLE 2 — DEFINITIONS

For the purpose of this Agreement, the following definitions apply:

Actions — The project which is being funded in the context of this Agreement.

Grant — The grant awarded in the context of this Agreement.

EU grants — Grants awarded by EU institutions, bodies, offices or agencies (including EU executive agencies, EU regulatory agencies, EDA, joint undertakings, etc.).

Participants — Entities participating in the action as beneficiaries, affiliated entities, associated partners, third parties giving in-kind contributions, subcontractors or recipients of financial support to third parties.

Beneficiaries (BEN) — The signatories of this Agreement (either directly or through an accession form).

Affiliated entities (AE) — Entities affiliated to a beneficiary within the meaning of Article 190 of EU Financial Regulation 2024/2509⁴ which participate in the action with similar rights and obligations as the beneficiaries (obligation to implement action tasks and right to charge costs and claim contributions).

Associated partners (AP) — Entities which participate in the action, but without the right to charge costs or claim contributions.

Purchases — Contracts for goods, works or services needed to carry out the action (e.g. equipment, consumables and supplies) but which are not part of the action tasks (see Annex 1).

Subcontracting — Contracts for goods, works or services that are part of the action tasks (see Annex 1).

In-kind contributions — In-kind contributions within the meaning of Article 2(38) of EU Financial Regulation 2024/2509, i.e. non-financial resources made available free of charge by third parties.

⁴ For the definition, see Article 190 Regulation (EU, Euratom) 2024/2509 of the European Parliament and of the Council of 23 September 2024 on the financial rules applicable to the general budget of the Union (recast) ('EU Financial Regulation') (OJ L, 2024/2509, 26.9.2024): "**affiliated entities** [are]:

- (a) entities that form a sole beneficiary [(i.e. where an entity is formed of several entities that satisfy the criteria for being awarded a grant, including where the entity is specifically established for the purpose of implementing an action to be financed by a grant)];
- (b) entities that satisfy the eligibility criteria and that do not fall within one of the situations referred to in Article 138(1) and 143(1) and that have a link with the beneficiary, in particular a legal or capital link, which is neither limited to the action nor established for the sole purpose of its implementation".

Fraud — Fraud within the meaning of Article 3 of EU Directive 2017/1371⁵ and Article 1 of the Convention on the protection of the European Communities' financial interests, drawn up by the Council Act of 26 July 1995⁶, as well as any other wrongful or criminal deception intended to result in financial or personal gain.

Irregularities — Any type of breach (regulatory or contractual) which could impact the EU financial interests, including irregularities within the meaning of Article 1(2) of EU Regulation 2988/95⁷.

Grave professional misconduct — Any type of unacceptable or improper behaviour in exercising one's profession, especially by employees, including grave professional misconduct within the meaning of Article 138(1)(c) of EU Financial Regulation 2024/2509⁸.

Applicable EU, international and national law — Any legal acts or other (binding or non-binding) rules and guidance in the area concerned.

Portal — EU Funding & Tenders Portal; electronic portal and exchange system managed by the European Commission and used by itself and other EU institutions, bodies, offices or agencies for the management of their funding programmes (grants, procurements, prizes, etc.).

CHAPTER 2 ACTION

ARTICLE 3 — ACTION

The grant is awarded for the action **101233005 — 24-EU-TG-CLEAN ATM 3** ('action'), as described in Annex 1.

ARTICLE 4 — DURATION AND STARTING DATE

The duration and the starting date of the action are set out in the Data Sheet (see Point 1).

CHAPTER 3 GRANT

ARTICLE 5 — GRANT

⁵ Directive (EU) 2017/1371 of the European Parliament and of the Council of 5 July 2017 on the fight against fraud to the Union's financial interests by means of criminal law (OJ L 198, 28.7.2017, p. 29).

⁶ OJ C 316, 27.11.1995, p. 48.

⁷ Council Regulation (EC, Euratom) No 2988/95 of 18 December 1995 on the protection of the European Communities financial interests (OJ L 312, 23.12.1995, p. 1).

⁸ 'Professional misconduct' includes, in particular, the following: violation of ethical standards of the profession; wrongful conduct with impact on professional credibility; breach of generally accepted professional ethical standards; false declarations/misrepresentation of information; participation in a cartel or other agreement distorting competition; violation of IPR; attempting to influence decision-making processes by taking advantage, through misrepresentation, of a conflict of interests, or to obtain confidential information from public authorities to gain an advantage; incitement to discrimination, hatred or violence or similar activities contrary to the EU values where negatively affecting or risking to affect the performance of a legal commitment.

5.1 Form of grant

The grant is an action grant⁹ which takes the form of a budget-based mixed actual cost grant (i.e. a grant based on actual costs incurred, but which may also include other forms of funding, such as unit costs or contributions, flat-rate costs or contributions, lump sum costs or contributions or financing not linked to costs).

5.2 Maximum grant amount

The maximum grant amount is set out in the Data Sheet (see Point 3) and in the estimated budget (Annex 2).

5.3 Funding rate

The funding rate for costs is 0% of the eligible costs for studies (if any), 70% of the eligible costs for works in outermost regions (if any) and 50% of the eligible costs for the other cost categories.

Contributions are not subject to any funding rate.

5.4 Estimated budget, budget categories and forms of funding

The estimated budget for the action is set out in Annex 2.

It contains the estimated eligible costs and contributions for the action, broken down by participant and budget category.

Annex 2 also shows the types of costs and contributions (forms of funding)¹⁰ to be used for each budget category.

If unit costs or contributions are used, the details on the calculation will be explained in Annex 2a.

5.5 Budget flexibility

The budget breakdown may be adjusted — without an amendment (see Article 39) — by transfers (between participants and budget categories), as long as this does not imply any substantive or important change to the description of the action in Annex 1.

However:

- changes to the budget category for volunteers (if used) always require an amendment
- changes to budget categories with lump sums costs or contributions (if used; including financing not linked to costs) always require an amendment
- changes to budget categories with higher funding rates or budget ceilings (if used) always require an amendment

⁹ For the definition, see Article 183(2)(a) EU Financial Regulation 2024/2509: ‘**action grant**’ means an EU grant to finance “an action intended to help achieve a Union policy objective”.

¹⁰ See Article 125 EU Financial Regulation 2024/2509.

- addition of amounts for subcontracts not provided for in Annex 1 either require an amendment or simplified approval in accordance with Article 6.2
- other changes require an amendment or simplified approval, if specifically provided for in Article 6.2
- flexibility caps: not applicable.

ARTICLE 6 — ELIGIBLE AND INELIGIBLE COSTS AND CONTRIBUTIONS

In order to be eligible, costs and contributions must meet the **eligibility** conditions set out in this Article.

6.1 General eligibility conditions

The **general eligibility conditions** are the following:

(a) for actual costs:

- (i) they must be actually incurred by the beneficiary
- (ii) they must be incurred in the period set out in Article 4 (with the exception of costs relating to the submission of the final periodic report, which may be incurred afterwards; see Article 21)
- (iii) they must be declared under one of the budget categories set out in Article 6.2 and Annex 2
- (iv) they must be incurred in connection with the action as described in Annex 1 and necessary for its implementation
- (v) they must be identifiable and verifiable, in particular recorded in the beneficiary's accounts in accordance with the accounting standards applicable in the country where the beneficiary is established and with the beneficiary's usual cost accounting practices
- (vi) they must comply with the applicable national law on taxes, labour and social security and
- (vii) they must be reasonable, justified and must comply with the principle of sound financial management, in particular regarding economy and efficiency

(b) for unit costs or contributions (if any):

- (i) they must be declared under one of the budget categories set out in Article 6.2 and Annex 2
- (ii) the units must:
 - be actually used or produced by the beneficiary in the period set out in Article 4 (with the exception of units relating to the submission of the final periodic report, which may be used or produced afterwards; see Article 21)
 - be necessary for the implementation of the action and

- (iii) the number of units must be identifiable and verifiable, in particular supported by records and documentation (see Article 20)
- (c) for flat-rate costs or contributions (if any):
 - (i) they must be declared under one of the budget categories set out in Article 6.2 and Annex 2
 - (ii) the costs or contributions to which the flat-rate is applied must:
 - be eligible
 - relate to the period set out in Article 4 (with the exception of costs or contributions relating to the submission of the final periodic report, which may be incurred afterwards; see Article 21)
- (d) for lump sum costs or contributions (if any):
 - (i) they must be declared under one of the budget categories set out in Article 6.2 and Annex 2
 - (ii) the work must be properly implemented by the beneficiary in accordance with Annex 1
 - (iii) the deliverables/outputs must be achieved in the period set out in Article 4 (with the exception of deliverables/outputs relating to the submission of the final periodic report, which may be achieved afterwards; see Article 21)
- (e) for unit, flat-rate or lump sum costs or contributions according to usual cost accounting practices (if any):
 - (i) they must fulfil the general eligibility conditions for the type of cost concerned
 - (ii) the cost accounting practices must be applied in a consistent manner, based on objective criteria, regardless of the source of funding
- (f) for financing not linked to costs (if any): the results must be achieved or the conditions must be fulfilled as described in Annex 1.

In addition, for direct cost categories (e.g. personnel, travel & subsistence, subcontracting and other direct costs) only costs that are directly linked to the action implementation and can therefore be attributed to it directly are eligible. They must not include any indirect costs (i.e. costs that are only indirectly linked to the action, e.g. via cost drivers).

6.2 Specific eligibility conditions for each budget category

For each budget category, the **specific eligibility conditions** are as follows:

Direct costs

A. Personnel costs

A.1 Costs for employees (or equivalent) are eligible as personnel costs, if they fulfil the general eligibility conditions and are related to personnel working for the beneficiary under an employment contract (or equivalent appointing act) and assigned to the action.

They must be limited to salaries, social security contributions, taxes and other costs linked to the remuneration, if they arise from national law or the employment contract (or equivalent appointing act) and be calculated on the basis of the costs actually incurred, in accordance with the following method:

{daily rate for the person
multiplied by
number of day-equivalents worked on the action (rounded up or down to the nearest half-day)}.

The daily rate must be calculated as:

{annual personnel costs for the person
divided by
215}.

The number of day-equivalents declared for a person must be identifiable and verifiable (see Article 20).

The total number of day-equivalents declared in EU grants, for a person for a year, cannot be higher than 215.

The personnel costs may also include supplementary payments for personnel assigned to the action (including payments on the basis of supplementary contracts regardless of their nature), if:

- it is part of the beneficiary's usual remuneration practices and is paid in a consistent manner whenever the same kind of work or expertise is required
- the criteria used to calculate the supplementary payments are objective and generally applied by the beneficiary, regardless of the source of funding used.

If the beneficiary uses average personnel costs (unit cost according to usual cost accounting practices), the personnel costs must fulfil the general eligibility conditions for such unit costs and the daily rate must be calculated:

- using the actual personnel costs recorded in the beneficiary's accounts and excluding any costs which are ineligible or already included in other budget categories; the actual personnel costs may be adjusted on the basis of budgeted or estimated elements, if they are relevant for calculating the personnel costs, reasonable and correspond to objective and verifiable information

and

- according to usual cost accounting practices which are applied in a consistent manner, based on objective criteria, regardless of the source of funding.

A.2 and A.3 Costs for natural persons working under a direct contract other than an employment contract and costs for **seconded persons by a third party against payment** are also eligible as personnel costs, if they are assigned to the action, fulfil the general eligibility conditions and:

- (a) work under conditions similar to those of an employee (in particular regarding the way the work is organised, the tasks that are performed and the premises where they are performed) and
- (b) the result of the work belongs to the beneficiary (unless agreed otherwise).

They must be calculated on the basis of a rate which corresponds to the costs actually incurred for the direct contract or secondment and must not be significantly different from those for personnel performing similar tasks under an employment contract with the beneficiary.

A.4 The work of **SME owners** for the action (i.e. owners of beneficiaries that are small and medium-sized enterprises¹¹ not receiving a salary) or **natural person beneficiaries** (i.e. beneficiaries that are natural persons not receiving a salary) may be declared as personnel costs, if they fulfil the general eligibility conditions and are calculated as unit costs in accordance with the method set out in Annex 2a.

B. Subcontracting costs

Subcontracting costs for the action (including related duties, taxes and charges) are eligible, if they are calculated on the basis of the costs actually incurred, fulfil the general eligibility conditions and are awarded using the beneficiary's usual purchasing practices — provided these ensure subcontracts with best value for money (or if appropriate the lowest price) and that there is no conflict of interests (see Article 12).

Beneficiaries that are 'contracting authorities/entities' within the meaning of the EU Directives on public procurement must also comply with the applicable national law on public procurement.

The beneficiaries must ensure that the subcontracted work is performed in the eligible countries or target countries set out in the call conditions — unless otherwise approved by the granting authority.

The tasks to be subcontracted and the estimated cost for each subcontract must be set out in Annex 1 and the total estimated costs of subcontracting per beneficiary must be set out in Annex 2 (or may be approved ex post in the periodic report, if the use of subcontracting does not entail changes to the Agreement which would call into question the decision awarding the grant or breach the principle of equal treatment of applicants; 'simplified approval procedure').

C. Purchase costs

Purchase costs for the action (including related duties, taxes and charges) are eligible if they fulfil

¹¹ For the definition, see Commission Recommendation 2003/361/EC: micro, small or medium-sized enterprise (SME) are enterprises

- engaged in an economic activity, irrespective of their legal form (including, in particular, self-employed persons and family businesses engaged in craft or other activities, and partnerships or associations regularly engaged in an economic activity) and
- employing fewer than 250 persons (expressed in 'annual working units' as defined in Article 5 of the Recommendation) and which have an annual turnover not exceeding EUR 50 million, and/or an annual balance sheet total not exceeding EUR 43 million.

the general eligibility conditions and are bought using the beneficiary's usual purchasing practices — provided these ensure purchases with best value for money (or if appropriate the lowest price) and that there is no conflict of interests (see Article 12).

Beneficiaries that are 'contracting authorities/entities' within the meaning of the EU Directives on public procurement must also comply with the applicable national law on public procurement.

C.1 Travel and subsistence

Purchases for **travel, accommodation and subsistence** must be calculated as follows:

- travel: on the basis of the costs actually incurred and in line with the beneficiary's usual practices on travel
- accommodation: on the basis of the costs actually incurred and in line with the beneficiary's usual practices on travel
- subsistence: on the basis of the costs actually incurred and in line with the beneficiary's usual practices on travel .

C.2 Equipment

Purchases of **equipment, infrastructure or other assets** specifically for the action (or developed as part of the action tasks) may be declared as full capitalised costs if they fulfil the cost eligibility conditions applicable to their respective cost categories.

'Capitalised costs' means:

- costs incurred in the purchase or for the development of the equipment, infrastructure or other assets and
- which are recorded under a fixed asset account of the beneficiary in compliance with international accounting standards and the beneficiary's usual cost accounting practices.

If such equipment, infrastructure or other assets are rented or leased, full costs for **renting or leasing** are eligible, if they do not exceed the depreciation costs of similar equipment, infrastructure or assets and do not include any financing fees.

C.3 Other goods, works and services

Purchases of **other goods, works and services** must be calculated on the basis of the costs actually incurred.

Such goods, works and services include, for instance, consumables and supplies, promotion, dissemination, protection of results, translations, publications, certificates and financial guarantees, if required under the Agreement.

D. Other cost categories

D.1 Financial support to third parties

Costs for providing financial support to third parties (in the form of **grants, prizes** or similar forms of support; if any) are eligible, if and as declared eligible in the call conditions, if they fulfil the

general eligibility conditions, are calculated on the basis of the costs actually incurred and the support is implemented in accordance with the conditions set out in Annex 1.

These conditions must ensure objective and transparent selection procedures and include at least the following:

(a) for grants (or similar):

- (i) the maximum amount of financial support for each third party ('recipient'); this amount may not exceed the amount set out in the Data Sheet (see Point 3) or otherwise agreed with the granting authority
- (ii) the criteria for calculating the exact amount of the financial support
- (iii) the different types of activity that qualify for financial support, on the basis of a closed list
- (iv) the persons or categories of persons that will be supported and
- (v) the criteria and procedures for giving financial support

(b) for prizes (or similar):

- (i) the eligibility and award criteria
- (ii) the amount of the prize and
- (iii) the payment arrangements.

D.2 Studies

Costs for studies are eligible, if and as declared eligible in the call conditions, if they fulfil the general eligibility conditions, are calculated on the basis of the costs actually incurred and comply with the conditions set out in Points A-C for the underlying types of costs (personnel, subcontracting, purchase).

D.3 Synergetic elements

Costs for synergetic elements related to another sector of the CEF Programme (transport, energy or digital) are eligible, if and as declared eligible in the call conditions, if they fulfil the general eligibility conditions, are calculated on the basis of the costs actually incurred and allow to significantly improve the socio-economic, climate or environmental benefits of the action.

Such costs are eligible only up to 20% of the beneficiaries' total eligible costs.

D.4 Works in outermost regions

Costs for works in outermost regions are eligible, if and as declared eligible in the call conditions, if they fulfil the general eligibility conditions, are calculated on the basis of the costs actually incurred, comply with the conditions set out in Points A-C for the underlying types of costs (personnel, subcontracting, purchase) and relate to works that are carried out in an outermost region within the meaning of Article 349 of the Treaty on the Functioning of the EU (TFEU)).

D.5 Land purchase

Costs for land purchase are eligible, if and as declared eligible in the call conditions, if they fulfil the general eligibility conditions and are calculated on the basis of the costs actually incurred.

Such costs are eligible only up to 10% of the beneficiaries' total eligible costs.

Indirect costs

E. Indirect costs

Indirect costs will be reimbursed at the flat-rate of 0% of the eligible direct costs (categories A-D, except volunteers costs and exempted specific cost categories, if any).

Contributions

Not applicable

6.3 Ineligible costs and contributions

The following costs or contributions are **ineligible**:

- (a) costs or contributions that do not comply with the conditions set out above (Article 6.1 and 6.2), in particular:
 - (i) costs related to return on capital and dividends paid by a beneficiary
 - (ii) debt and debt service charges
 - (iii) provisions for future losses or debts
 - (iv) interest owed
 - (v) currency exchange losses
 - (vi) bank costs charged by the beneficiary's bank for transfers from the granting authority
 - (vii) excessive or reckless expenditure
 - (viii) VAT (always ineligible)
 - (ix) costs incurred or contributions for activities implemented during grant agreement suspension (see Article 31)
 - (x) in-kind contributions by third parties
- (b) costs or contributions declared under other EU grants (or grants awarded by an EU Member State, non-EU country or other body implementing the EU budget), except for the following cases:
 - (i) Synergy actions: not applicable
 - (ii) if the action grant is combined with an operating grant¹² running during the same period

¹² For the definition, see Article 183(2)(b) EU Financial Regulation 2024/2509: '**operating grant**' means an EU grant to finance "the functioning of a body which has an objective forming part of and supporting an EU policy".

and the beneficiary can demonstrate that the operating grant does not cover any (direct or indirect) costs of the action grant

- (c) costs or contributions for staff of a national (or regional/local) administration, for activities that are part of the administration's normal activities (i.e. not undertaken only because of the grant)
- (d) costs or contributions (especially travel and subsistence) for staff or representatives of EU institutions, bodies or agencies
- (e) other :
 - (i) costs or contributions for activities that do not take place in one of the eligible countries or target countries set out in the call conditions — unless approved by the granting authority
 - (ii) costs or contributions declared specifically ineligible in the call conditions.

6.4 Consequences of non-compliance

If a beneficiary declares costs or contributions that are ineligible, they will be rejected (see Article 27).

This may also lead to other measures described in Chapter 5.

CHAPTER 4 GRANT IMPLEMENTATION

SECTION 1 CONSORTIUM: BENEFICIARIES, AFFILIATED ENTITIES AND OTHER PARTICIPANTS

ARTICLE 7 — BENEFICIARIES

The beneficiaries, as signatories of the Agreement, are fully responsible towards the granting authority for implementing it and for complying with all its obligations.

They must implement the Agreement to their best abilities, in good faith and in accordance with all the obligations and terms and conditions it sets out.

They must have the appropriate resources to implement the action and implement the action under their own responsibility and in accordance with Article 11. If they rely on affiliated entities or other participants (see Articles 8 and 9), they retain sole responsibility towards the granting authority and the other beneficiaries.

They are jointly responsible for the *technical* implementation of the action. If one of the beneficiaries fails to implement their part of the action, the other beneficiaries must ensure that this part is implemented by someone else (without being entitled to an increase of the maximum grant amount and subject to an amendment; see Article 39). The *financial* responsibility of each beneficiary in case of recoveries is governed by Article 22.

The beneficiaries (and their action) must remain eligible under the EU programme funding the grant for the entire duration of the action. Costs and contributions will be eligible only as long as the beneficiary and the action are eligible.

The **internal roles and responsibilities** of the beneficiaries are divided as follows:

(a) Each beneficiary must:

- (i) keep information stored in the Portal Participant Register up to date (see Article 19)
- (ii) inform the granting authority (and the other beneficiaries) immediately of any events or circumstances likely to affect significantly or delay the implementation of the action (see Article 19)
- (iii) submit to the coordinator in good time:
 - the prefinancing guarantees (if required; see Article 23)
 - the financial statements and certificates on the financial statements (CFS) (if required; see Articles 21 and 24.2 and Data Sheet, Point 4.3)
 - the contribution to the deliverables and technical reports (see Article 21)
 - any other documents or information required by the granting authority under the Agreement
- (iv) submit via the Portal data and information related to the participation of their affiliated entities.

(b) The coordinator must:

- (i) monitor that the action is implemented properly (see Article 11)
- (ii) act as the intermediary for all communications between the consortium and the granting authority, unless the Agreement or granting authority specifies otherwise, and in particular:
 - submit the prefinancing guarantees to the granting authority (if any)
 - request and review any documents or information required and verify their quality and completeness before passing them on to the granting authority
 - submit the deliverables and reports to the granting authority
 - inform the granting authority about the payments made to the other beneficiaries (report on the distribution of payments; if required, see Articles 22 and 32)
- (iii) distribute the payments received from the granting authority to the other beneficiaries without unjustified delay (see Article 22).

The coordinator may not delegate or subcontract the above-mentioned tasks to any other beneficiary or third party (including affiliated entities).

However, coordinators which are public bodies may delegate the tasks set out in Point (b)(ii) last indent and (iii) above to entities with ‘authorisation to administer’ which they have created or which are controlled by or affiliated to them. In this case, the coordinator retains sole responsibility for the payments and for compliance with the obligations under the Agreement.

Moreover, coordinators which are ‘sole beneficiaries’¹³ (or similar, such as European research infrastructure consortia (ERICs)) may delegate the tasks set out in Point (b)(i) to (iii) above to one of their members. The coordinator retains sole responsibility for compliance with the obligations under the Agreement.

The beneficiaries must have **internal arrangements** regarding their operation and co-ordination, to ensure that the action is implemented properly.

If required by the granting authority (see Data Sheet, Point 1), these arrangements must be set out in a written **consortium agreement** between the beneficiaries, covering for instance:

- the internal organisation of the consortium
- the management of access to the Portal
- different distribution keys for the payments and financial responsibilities in case of recoveries (if any)
- additional rules on rights and obligations related to background and results (see Article 16)
- settlement of internal disputes
- liability, indemnification and confidentiality arrangements between the beneficiaries.

The internal arrangements must not contain any provision contrary to this Agreement.

ARTICLE 8 — AFFILIATED ENTITIES

The following entities which are linked to a beneficiary will participate in the action as ‘affiliated entities’:

- **TRANSAVIA FRANCE SAS (TRANSAVIA)**, PIC 990013914, linked to AIR FRANCE SA (AIR FRANCE)
- **BRUSSELS AIRLINES (SN AIRLINES)**, PIC 923522936, linked to DEUTSCHE LUFTHANSA AKTIENGESELLSCHAFT (LUFTHANSA)
- **AUSTRIAN AIRLINES AG (OS Airlines)**, PIC 875386977, linked to DEUTSCHE LUFTHANSA AKTIENGESELLSCHAFT (LUFTHANSA)
- **EUROWINGS GMBH (Eurowings)**, PIC 875384940, linked to DEUTSCHE LUFTHANSA AKTIENGESELLSCHAFT (LUFTHANSA)
- **EW DISCOVER GMBH (EW Discover)**, PIC 875385522, linked to DEUTSCHE LUFTHANSA AKTIENGESELLSCHAFT (LUFTHANSA)
- **LUFTHANSA CITY AIRLINES GMBH (LHCityAirlines)**, PIC 875252729, linked to DEUTSCHE LUFTHANSA AKTIENGESELLSCHAFT (LUFTHANSA)

¹³ For the definition, see Article 190(2) EU Financial Regulation 2024/2509: “Where several entities satisfy the criteria for being awarded a grant and together form one entity, that entity may be treated as the **sole beneficiary**, including where it is specifically established for the purpose of implementing the action financed by the grant.”

- **Eurowings Europe Limited (EW Europe)**, PIC 875087635, linked to DEUTSCHE LUFTHANSA AKTIENGESELLSCHAFT (LUFTHANSA)
- **CENTRO DE REFERENCIA INVESTIGACION DESARROLLO E INNOVACION ATM, A.I.E. (CRIDA)**, PIC 997605619, linked to ENAIRE (ENAIRE)

Affiliated entities can charge costs and contributions to the action under the same conditions as the beneficiaries and must implement the action tasks attributed to them in Annex 1 in accordance with Article 11.

Their costs and contributions will be included in Annex 2 and will be taken into account for the calculation of the grant.

The beneficiaries must ensure that all their obligations under this Agreement also apply to their affiliated entities.

The beneficiaries must ensure that the bodies mentioned in Article 25 (e.g. granting authority, OLAF, Court of Auditors (ECA), etc.) can exercise their rights also towards the affiliated entities.

Breaches by affiliated entities will be handled in the same manner as breaches by beneficiaries. Recovery of undue amounts will be handled through the beneficiaries.

If the granting authority requires joint and several liability of affiliated entities (see Data Sheet, Point 4.4), they must sign the declaration set out in Annex 3a and may be held liable in case of enforced recoveries against their beneficiaries (see Article 22.2 and 22.4).

ARTICLE 9 — OTHER PARTICIPANTS INVOLVED IN THE ACTION

9.1 Associated partners

The following entities which cooperate with a beneficiary will participate in the action as ‘associated partners’:

- **SKYGUIDE, SA SUISSE POUR LES SERVICES DE LA NAVIGATION AERIENNE CIVILS ET MILITAIRES (SKYGUIDE)**, PIC 958184334

Associated partners must implement the action tasks attributed to them in Annex 1 in accordance with Article 11. They may not charge costs or contributions to the action and the costs for their tasks are not eligible.

The tasks must be set out in Annex 1.

The beneficiaries must ensure that their contractual obligations under Articles 11 (proper implementation), 12 (conflict of interests), 13 (confidentiality and security), 14 (ethics), 17.2 (visibility), 18 (specific rules for carrying out action), 19 (information) and 20 (record-keeping) also apply to the associated partners.

The beneficiaries must ensure that the bodies mentioned in Article 25 (e.g. granting authority, OLAF, Court of Auditors (ECA), etc.) can exercise their rights also towards the associated partners.

9.2 Third parties giving in-kind contributions to the action

Other third parties may give in-kind contributions to the action (i.e. personnel, equipment, other goods, works and services, etc. which are free-of-charge), if necessary for the implementation.

Third parties giving in-kind contributions do not implement any action tasks. They may not charge costs or contributions to the action and the costs for the in-kind contributions are not eligible.

The third parties and their in-kind contributions should be set out in Annex 1.

9.3 Subcontractors

Subcontractors may participate in the action, if necessary for the implementation.

Subcontractors must implement their action tasks in accordance with Article 11. The costs for the subcontracted tasks (invoiced price from the subcontractor) are eligible and may be charged by the beneficiaries, under the conditions set out in Article 6. The costs will be included in Annex 2 as part of the beneficiaries' costs.

The beneficiaries must ensure that their contractual obligations under Articles 11 (proper implementation), 12 (conflict of interest), 13 (confidentiality and security), 14 (ethics), 17.2 (visibility), 18 (specific rules for carrying out action), 19 (information) and 20 (record-keeping) also apply to the subcontractors.

The beneficiaries must ensure that the bodies mentioned in Article 25 (e.g. granting authority, OLAF, Court of Auditors (ECA), etc.) can exercise their rights also towards the subcontractors.

9.4 Recipients of financial support to third parties

If the action includes providing financial support to third parties (e.g. grants, prizes or similar forms of support), the beneficiaries must ensure that their contractual obligations under Articles 12 (conflict of interest), 13 (confidentiality and security), 14 (ethics), 17.2 (visibility), 18 (specific rules for carrying out action), 19 (information) and 20 (record-keeping) also apply to the third parties receiving the support (recipients).

The beneficiaries must also ensure that the bodies mentioned in Article 25 (e.g. granting authority, OLAF, Court of Auditors (ECA), etc.) can exercise their rights also towards the recipients.

ARTICLE 10 — PARTICIPANTS WITH SPECIAL STATUS

10.1 Non-EU participants

Participants which are established in a non-EU country (if any) undertake to comply with their obligations under the Agreement and:

- to respect general principles (including fundamental rights, values and ethical principles, environmental and labour standards, rules on classified information, intellectual property rights, visibility of funding and protection of personal data)
- for the submission of certificates under Article 24: to use qualified external auditors which

are independent and comply with comparable standards as those set out in EU Directive 2006/43/EC¹⁴

- for the controls under Article 25: to allow for checks, reviews, audits and investigations (including on-the-spot checks, visits and inspections) by the bodies mentioned in that Article (e.g. granting authority, OLAF, Court of Auditors (ECA), etc.).

Special rules on dispute settlement apply (see Data Sheet, Point 5).

10.2 Participants which are international organisations

Participants which are international organisations (IOs; if any) undertake to comply with their obligations under the Agreement and:

- to respect general principles (including fundamental rights, values and ethical principles, environmental and labour standards, rules on classified information, intellectual property rights, visibility of funding and protection of personal data)
- for the submission of certificates under Article 24: to use either independent public officers or external auditors which comply with comparable standards as those set out in EU Directive 2006/43/EC¹⁵
- for the controls under Article 25: to allow for the checks, reviews, audits and investigations by the bodies mentioned in that Article, taking into account the specific agreements concluded by them and the EU (if any).

For such participants, nothing in the Agreement will be interpreted as a waiver of their privileges or immunities, as accorded by their constituent documents or international law.

Special rules on applicable law and dispute settlement apply (see Article 43 and Data Sheet, Point 5).

10.3 Pillar-assessed participants

Pillar-assessed participants (if any) may rely on their own systems, rules and procedures, in so far as they have been positively assessed and do not call into question the decision awarding the grant or breach the principle of equal treatment of applicants or beneficiaries.

‘Pillar-assessment’ means a review by the European Commission on the systems, rules and procedures which participants use for managing EU grants (in particular internal control system, accounting system, external audits, financing of third parties, rules on recovery and exclusion, information on recipients and protection of personal data; see Article 157 EU Financial Regulation 2024/2509).

Participants with a positive pillar assessment may rely on their own systems, rules and procedures, in particular for:

- record-keeping (Article 20): may be done in accordance with internal standards, rules and procedures

¹⁴ Directive 2006/43/EC of the European Parliament and of the Council of 17 May 2006 on statutory audits of annual accounts and consolidated accounts (OJ L 157, 9.6.2006, p. 87).

¹⁵ Directive 2006/43/EC of the European Parliament and of the Council of 17 May 2006 on statutory audits of annual accounts and consolidated accounts (OJ L 157, 9.6.2006, p. 87).

- currency conversion for financial statements (Article 21): may be done in accordance with usual accounting practices
- guarantees (Article 23): for public law bodies, prefinancing guarantees are not needed
- certificates (Article 24):
 - certificates on the financial statements (CFS): may be provided by their regular internal or external auditors and in accordance with their internal financial regulations and procedures
 - certificates on usual accounting practices (CoMUC): are not needed if those practices are covered by an ex-ante assessment

and use the following specific rules, for:

- recoveries (Article 22): in case of financial support to third parties, there will be no recovery if the participant has done everything possible to retrieve the undue amounts from the third party receiving the support (including legal proceedings) and non-recovery is not due to an error or negligence on its part
- checks, reviews, audits and investigations by the EU (Article 25): will be conducted taking into account the rules and procedures specifically agreed between them and the framework agreement (if any)
- impact evaluation (Article 26): will be conducted in accordance with the participant's internal rules and procedures and the framework agreement (if any)
- grant agreement termination (Article 32): the final grant amount and final payment will be calculated taking into account also costs relating to contracts due for execution only after termination takes effect, if the contract was entered into before the pre-information letter was received and could not reasonably be terminated on legal grounds
- liability for damages (Article 33.2): the granting authority must be compensated for damage it sustains as a result of the implementation of the action or because the action was not implemented in full compliance with the Agreement only if the damage is due to an infringement of the participant's internal rules and procedures or due to a violation of third parties' rights by the participant or one of its employees or individual for whom the employees are responsible.

Participants whose pillar assessment covers procurement and granting procedures may also do purchases, subcontracting and financial support to third parties (Article 6.2) in accordance with their internal rules and procedures for purchases, subcontracting and financial support.

Participants whose pillar assessment covers data protection rules may rely on their internal standards, rules and procedures for data protection (Article 15).

The participants may however not rely on provisions which would breach the principle of equal treatment of applicants or beneficiaries or call into question the decision awarding the grant, such as in particular:

- eligibility (Article 6)

- consortium roles and set-up (Articles 7-9)
- security and ethics (Articles 13, 14)
- IPR (including background and results, access rights and rights of use), communication, dissemination and visibility (Articles 16 and 17)
- information obligation (Article 19)
- payment, reporting and amendments (Articles 21, 22 and 39)
- rejections, reductions, suspensions and terminations (Articles 27, 28, 29-32)

If the pillar assessment was subject to remedial measures, reliance on the internal systems, rules and procedures is subject to compliance with those remedial measures.

Participants must inform the coordinator without delay of any changes to the systems, rules and procedures that were part of the pillar assessment. The coordinator must immediately inform the granting authority.

Pillar-assessed participants that have also concluded a framework agreement with the EU, may moreover — under the same conditions as those above (i.e. not call into question the decision awarding the grant or breach the principle of equal treatment of applicants or beneficiaries) — rely on the provisions set out in that framework agreement.

SECTION 2 RULES FOR CARRYING OUT THE ACTION

ARTICLE 11 — PROPER IMPLEMENTATION OF THE ACTION

11.1 Obligation to properly implement the action

The beneficiaries must implement the action as described in Annex 1 and in compliance with the provisions of the Agreement, the call conditions and all legal obligations under applicable EU, international and national law.

11.2 Consequences of non-compliance

If a beneficiary breaches any of its obligations under this Article, the grant may be reduced (see Article 28).

Such breaches may also lead to other measures described in Chapter 5.

ARTICLE 12 — CONFLICT OF INTERESTS

12.1 Conflict of interests

The beneficiaries must take all measures to prevent any situation where the impartial and objective implementation of the Agreement could be compromised for reasons involving family, emotional life, political or national affinity, economic interest or any other direct or indirect interest ('conflict of interests').

They must formally notify the granting authority without delay of any situation constituting or likely to lead to a conflict of interests and immediately take all the necessary steps to rectify this situation.

The granting authority may verify that the measures taken are appropriate and may require additional measures to be taken by a specified deadline.

12.2 Consequences of non-compliance

If a beneficiary breaches any of its obligations under this Article, the grant may be reduced (see Article 28) and the grant or the beneficiary may be terminated (see Article 32).

Such breaches may also lead to other measures described in Chapter 5.

ARTICLE 13 — CONFIDENTIALITY AND SECURITY

13.1 Sensitive information

The parties must keep confidential any data, documents or other material (in any form) that is identified as sensitive in writing ('sensitive information') — during the implementation of the action and for at least until the time-limit set out in the Data Sheet (see Point 6).

If a beneficiary requests, the granting authority may agree to keep such information confidential for a longer period.

Unless otherwise agreed between the parties, they may use sensitive information only to implement the Agreement.

The beneficiaries may disclose sensitive information to their personnel or other participants involved in the action only if they:

- (a) need to know it in order to implement the Agreement and
- (b) are bound by an obligation of confidentiality.

The granting authority may disclose sensitive information to its staff and to other EU institutions and bodies.

It may moreover disclose sensitive information to third parties, if:

- (a) this is necessary to implement the Agreement or safeguard the EU financial interests and
- (b) the recipients of the information are bound by an obligation of confidentiality.

The confidentiality obligations no longer apply if:

- (a) the disclosing party agrees to release the other party
- (b) the information becomes publicly available, without breaching any confidentiality obligation
- (c) the disclosure of the sensitive information is required by EU, international or national law.

Specific confidentiality rules (if any) are set out in Annex 5.

13.2 Classified information

The parties must handle classified information in accordance with the applicable EU, international or national law on classified information (in particular, Decision 2015/444¹⁶ and its implementing rules).

Deliverables which contain classified information must be submitted according to special procedures agreed with the granting authority.

Action tasks involving classified information may be subcontracted only after explicit approval (in writing) from the granting authority.

Classified information may not be disclosed to any third party (including participants involved in the action implementation) without prior explicit written approval from the granting authority.

Specific security rules (if any) are set out in Annex 5.

13.3 Consequences of non-compliance

If a beneficiary breaches any of its obligations under this Article, the grant may be reduced (see Article 28).

Such breaches may also lead to other measures described in Chapter 5.

ARTICLE 14 — ETHICS AND VALUES

14.1 Ethics

The action must be carried out in line with the highest ethical standards and the applicable EU, international and national law on ethical principles.

Specific ethics rules (if any) are set out in Annex 5.

14.2 Values

The beneficiaries must commit to and ensure the respect of basic EU values (such as respect for human dignity, freedom, democracy, equality, the rule of law and human rights, including the rights of minorities).

Specific rules on values (if any) are set out in Annex 5.

14.3 Consequences of non-compliance

If a beneficiary breaches any of its obligations under this Article, the grant may be reduced (see Article 28).

Such breaches may also lead to other measures described in Chapter 5.

ARTICLE 15 — DATA PROTECTION

¹⁶ Commission Decision 2015/444/EC, Euratom of 13 March 2015 on the security rules for protecting EU classified information (OJ L 72, 17.3.2015, p. 53).

15.1 Data processing by the granting authority

Any personal data under the Agreement will be processed under the responsibility of the data controller of the granting authority in accordance with and for the purposes set out in the Portal Privacy Statement.

For grants where the granting authority is the European Commission, an EU regulatory or executive agency, joint undertaking or other EU body, the processing will be subject to Regulation 2018/1725¹⁷.

15.2 Data processing by the beneficiaries

The beneficiaries must process personal data under the Agreement in compliance with the applicable EU, international and national law on data protection (in particular, Regulation 2016/679¹⁸).

They must ensure that personal data is:

- processed lawfully, fairly and in a transparent manner in relation to the data subjects
- collected for specified, explicit and legitimate purposes and not further processed in a manner that is incompatible with those purposes
- adequate, relevant and limited to what is necessary in relation to the purposes for which they are processed
- accurate and, where necessary, kept up to date
- kept in a form which permits identification of data subjects for no longer than is necessary for the purposes for which the data is processed and
- processed in a manner that ensures appropriate security of the data.

The beneficiaries may grant their personnel access to personal data only if it is strictly necessary for implementing, managing and monitoring the Agreement. The beneficiaries must ensure that the personnel is under a confidentiality obligation.

The beneficiaries must inform the persons whose data are transferred to the granting authority and provide them with the Portal Privacy Statement.

15.3 Consequences of non-compliance

If a beneficiary breaches any of its obligations under this Article, the grant may be reduced (see Article 28).

Such breaches may also lead to other measures described in Chapter 5.

¹⁷ Regulation (EU) 2018/1725 of the European Parliament and of the Council of 23 October 2018 on the protection of natural persons with regard to the processing of personal data by the Union institutions, bodies, offices and agencies and on the free movement of such data, and repealing Regulation (EC) No 45/2001 and Decision No 1247/2002/EC (OJ L 295, 21.11.2018, p. 39).

¹⁸ Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC ('GDPR') (OJ L 119, 4.5.2016, p. 1).

ARTICLE 16 — INTELLECTUAL PROPERTY RIGHTS (IPR) — BACKGROUND AND RESULTS — ACCESS RIGHTS AND RIGHTS OF USE

16.1 Background and access rights to background

The beneficiaries must give each other and the other participants access to the background identified as needed for implementing the action, subject to any specific rules in Annex 5.

‘Background’ means any data, know-how or information — whatever its form or nature (tangible or intangible), including any rights such as intellectual property rights — that is:

- (a) held by the beneficiaries before they acceded to the Agreement and
- (b) needed to implement the action or exploit the results.

If background is subject to rights of a third party, the beneficiary concerned must ensure that it is able to comply with its obligations under the Agreement.

16.2 Ownership of results

The granting authority does not obtain ownership of the results produced under the action.

‘Results’ means any tangible or intangible effect of the action, such as data, know-how or information, whatever its form or nature, whether or not it can be protected, as well as any rights attached to it, including intellectual property rights.

16.3 Rights of use of the granting authority on materials, documents and information received for policy, information, communication, dissemination and publicity purposes

The granting authority has the right to use non-sensitive information relating to the action and materials and documents received from the beneficiaries (notably summaries for publication, deliverables, as well as any other material, such as pictures or audio-visual material, in paper or electronic form) for policy, information, communication, dissemination and publicity purposes — during the action or afterwards.

The right to use the beneficiaries’ materials, documents and information is granted in the form of a royalty-free, non-exclusive and irrevocable licence, which includes the following rights:

- (a) **use for its own purposes** (in particular, making them available to persons working for the granting authority or any other EU service (including institutions, bodies, offices, agencies, etc.) or EU Member State institution or body; copying or reproducing them in whole or in part, in unlimited numbers; and communication through press information services)
- (b) **distribution to the public** (in particular, publication as hard copies and in electronic or digital format, publication on the internet, as a downloadable or non-downloadable file, broadcasting by any channel, public display or presentation, communicating through press information services, or inclusion in widely accessible databases or indexes)
- (c) **editing or redrafting** (including shortening, summarising, inserting other elements (e.g. meta-data, legends, other graphic, visual, audio or text elements), extracting parts (e.g. audio or video files), dividing into parts, use in a compilation)

(d) **translation**

(e) **storage** in paper, electronic or other form

(f) **archiving**, in line with applicable document-management rules

(g) the right to authorise **third parties** to act on its behalf or sub-license to third parties the modes of use set out in Points (b), (c), (d) and (f), if needed for the information, communication and publicity activity of the granting authority

(h) **processing**, analysing, aggregating the materials, documents and information received and **producing derivative works**.

The rights of use are granted for the whole duration of the industrial or intellectual property rights concerned.

If materials or documents are subject to moral rights or third party rights (including intellectual property rights or rights of natural persons on their image and voice), the beneficiaries must ensure that they comply with their obligations under this Agreement (in particular, by obtaining the necessary licences and authorisations from the rights holders concerned).

Where applicable, the granting authority will insert the following information:

“© – [year] – [name of the copyright owner]. All rights reserved. Licensed to the [name of granting authority] under conditions.”

16.4 Specific rules on IPR, results and background

Specific rules regarding intellectual property rights, results and background (if any) are set out in Annex 5.

16.5 Consequences of non-compliance

If a beneficiary breaches any of its obligations under this Article, the grant may be reduced (see Article 28).

Such a breach may also lead to other measures described in Chapter 5.

ARTICLE 17 — COMMUNICATION, DISSEMINATION AND VISIBILITY

17.1 Communication — Dissemination — Promoting the action

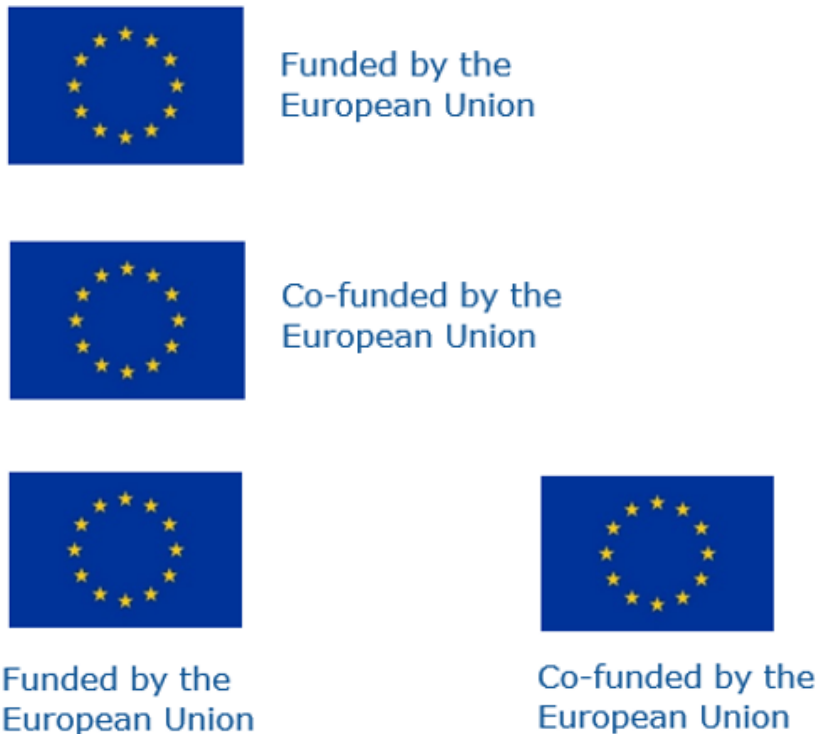
Unless otherwise agreed with the granting authority, the beneficiaries must promote the action and its results by providing targeted information to multiple audiences (including the media and the public), in accordance with Annex 1 and in a strategic, coherent and effective manner.

Before engaging in a communication or dissemination activity expected to have a major media impact, the beneficiaries must inform the granting authority.

17.2 Visibility — European flag and funding statement

Unless otherwise agreed with the granting authority, communication activities of the beneficiaries

related to the action (including media relations, conferences, seminars, information material, such as brochures, leaflets, posters, presentations, etc., in electronic form, via traditional or social media, etc.), dissemination activities and any infrastructure, equipment, vehicles, supplies or major result funded by the grant must acknowledge EU support and display the European flag (emblem) and funding statement (translated into local languages, where appropriate):



The emblem must remain distinct and separate and cannot be modified by adding other visual marks, brands or text.

Apart from the emblem, no other visual identity or logo may be used to highlight the EU support.

When displayed in association with other logos (e.g. of beneficiaries or sponsors), the emblem must be displayed at least as prominently and visibly as the other logos.

For the purposes of their obligations under this Article, the beneficiaries may use the emblem without first obtaining approval from the granting authority. This does not, however, give them the right to exclusive use. Moreover, they may not appropriate the emblem or any similar trademark or logo, either by registration or by any other means.

17.3 Quality of information — Disclaimer

Any communication or dissemination activity related to the action must use factually accurate information.

Moreover, it must indicate the following disclaimer (translated into local languages where appropriate):

“Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or [name of the granting authority]. Neither the European Union nor the granting authority can be held responsible for them.”

17.4 Specific communication, dissemination and visibility rules

Specific communication, dissemination and visibility rules (if any) are set out in Annex 5.

17.5 Consequences of non-compliance

If a beneficiary breaches any of its obligations under this Article, the grant may be reduced (see Article 28).

Such breaches may also lead to other measures described in Chapter 5.

ARTICLE 18 — SPECIFIC RULES FOR CARRYING OUT THE ACTION

18.1 Specific rules for carrying out the action

Specific rules for implementing the action (if any) are set out in Annex 5.

18.2 Consequences of non-compliance

If a beneficiary breaches any of its obligations under this Article, the grant may be reduced (see Article 28).

Such a breach may also lead to other measures described in Chapter 5.

SECTION 3 GRANT ADMINISTRATION

ARTICLE 19 — GENERAL INFORMATION OBLIGATIONS

19.1 Information requests

The beneficiaries must provide — during the action or afterwards and in accordance with Article 7 — any information requested in order to verify eligibility of the costs or contributions declared, proper implementation of the action and compliance with the other obligations under the Agreement.

The information provided must be accurate, precise and complete and in the format requested, including electronic format.

19.2 Participant Register data updates

The beneficiaries must keep — at all times, during the action or afterwards — their information stored in the Portal Participant Register up to date, in particular, their name, address, legal representatives, legal form and organisation type.

19.3 Information about events and circumstances which impact the action

The beneficiaries must immediately inform the granting authority (and the other beneficiaries) of any of the following:

- (a) **events** which are likely to affect or delay the implementation of the action or affect the EU's financial interests, in particular:

- (i) changes in their legal, financial, technical, organisational or ownership situation (including changes linked to one of the exclusion grounds listed in the declaration of honour signed before grant signature)
 - (ii) linked action information: not applicable
- (b) **circumstances** affecting:
 - (i) the decision to award the grant or
 - (ii) compliance with requirements under the Agreement.

19.4 Consequences of non-compliance

If a beneficiary breaches any of its obligations under this Article, the grant may be reduced (see Article 28).

Such breaches may also lead to other measures described in Chapter 5.

ARTICLE 20 — RECORD-KEEPING

20.1 Keeping records and supporting documents

The beneficiaries must — at least until the time-limit set out in the Data Sheet (see Point 6) — keep records and other supporting documents to prove the proper implementation of the action in line with the accepted standards in the respective field (if any).

In addition, the beneficiaries must — for the same period — keep the following to justify the amounts declared:

- (a) for actual costs: adequate records and supporting documents to prove the costs declared (such as contracts, subcontracts, invoices and accounting records); in addition, the beneficiaries' usual accounting and internal control procedures must enable direct reconciliation between the amounts declared, the amounts recorded in their accounts and the amounts stated in the supporting documents
- (b) for flat-rate costs and contributions (if any): adequate records and supporting documents to prove the eligibility of the costs or contributions to which the flat-rate is applied
- (c) for the following simplified costs and contributions: the beneficiaries do not need to keep specific records on the actual costs incurred, but must keep:
 - (i) for unit costs and contributions (if any): adequate records and supporting documents to prove the number of units declared
 - (ii) for lump sum costs and contributions (if any): adequate records and supporting documents to prove proper implementation of the work as described in Annex 1
 - (iii) for financing not linked to costs (if any): adequate records and supporting documents to prove the achievement of the results or the fulfilment of the conditions as described in Annex 1

- (d) for unit, flat-rate and lump sum costs and contributions according to usual cost accounting practices (if any): the beneficiaries must keep any adequate records and supporting documents to prove that their cost accounting practices have been applied in a consistent manner, based on objective criteria, regardless of the source of funding, and that they comply with the eligibility conditions set out in Articles 6.1 and 6.2.

Moreover, the following is needed for specific budget categories:

- (e) for personnel costs: time worked for the beneficiary under the action must be supported by declarations signed monthly by the person and their supervisor, unless another reliable time-record system is in place; the granting authority may accept alternative evidence supporting the time worked for the action declared, if it considers that it offers an adequate level of assurance
- (f) additional record-keeping rules: not applicable

The records and supporting documents must be made available upon request (see Article 19) or in the context of checks, reviews, audits or investigations (see Article 25).

If there are on-going checks, reviews, audits, investigations, litigation or other pursuits of claims under the Agreement (including the extension of findings; see Article 25), the beneficiaries must keep these records and other supporting documentation until the end of these procedures.

The beneficiaries must keep the original documents. Digital and digitalised documents are considered originals if they are authorised by the applicable national law. The granting authority may accept non-original documents if they offer a comparable level of assurance.

20.2 Consequences of non-compliance

If a beneficiary breaches any of its obligations under this Article, costs or contributions insufficiently substantiated will be ineligible (see Article 6) and will be rejected (see Article 27), and the grant may be reduced (see Article 28).

Such breaches may also lead to other measures described in Chapter 5.

ARTICLE 21 — REPORTING

21.1 Continuous reporting

The beneficiaries must report on the progress of the action (e.g. **deliverables, milestones, outputs/outcomes, critical risks, indicators**, etc; if any), in the Portal Continuous Reporting tool and in accordance with the timing and conditions it sets out (as agreed with the granting authority).

Standardised deliverables (e.g. progress reports not linked to payments, reports on cumulative expenditure, special reports, etc; if any) must be submitted using the templates published on the Portal.

21.2 Periodic reporting: Technical reports and financial statements

In addition, the beneficiaries must provide reports to request payments, in accordance with the schedule and modalities set out in the Data Sheet (see Point 4.2):

- for additional prefinancings (if any): an **additional prefinancing report**

- for interim payments (if any) and the final payment: a **periodic report**.

The prefinancing and periodic reports include a technical and financial part.

The technical part includes an overview of the action implementation. It must be prepared using the template available in the Portal Periodic Reporting tool.

The financial part of the additional prefinancing report includes a statement on the use of the previous prefinancing payment.

The financial part of the periodic report includes:

- the financial statements (individual and consolidated; for all beneficiaries/affiliated entities)
- the explanation on the use of resources (or detailed cost reporting table, if required)
- the certificates on the financial statements (CFS) (if required; see Article 24.2 and Data Sheet, Point 4.3).

The **financial statements** must detail the eligible costs and contributions for each budget category and, for the final payment, also the revenues for the action (see Articles 6 and 22).

All eligible costs and contributions incurred should be declared, even if they exceed the amounts indicated in the estimated budget (see Annex 2). Amounts that are not declared in the individual financial statements will not be taken into account by the granting authority.

By signing the financial statements (directly in the Portal Periodic Reporting tool), the beneficiaries confirm that:

- the information provided is complete, reliable and true
- the costs and contributions declared are eligible (see Article 6)
- the costs and contributions can be substantiated by adequate records and supporting documents (see Article 20) that will be produced upon request (see Article 19) or in the context of checks, reviews, audits and investigations (see Article 25)
- for the final periodic report: all the revenues have been declared (if required; see Article 22).

Beneficiaries will have to submit also the financial statements of their affiliated entities (if any). In case of recoveries (see Article 22), beneficiaries will be held responsible also for the financial statements of their affiliated entities.

21.3 Currency for financial statements and conversion into euros

The financial statements must be drafted in euro.

Beneficiaries with general accounts established in a currency other than the euro must convert the costs recorded in their accounts into euro, at the average of the daily exchange rates published in the C series of the *Official Journal of the European Union* (ECB website), calculated over the corresponding reporting period.

If no daily euro exchange rate is published in the *Official Journal* for the currency in question, they

must be converted at the average of the monthly accounting exchange rates published on the European Commission website (InforEuro), calculated over the corresponding reporting period.

Beneficiaries with general accounts in euro must convert costs incurred in another currency into euro according to their usual accounting practices.

21.4 Reporting language

The reporting must be in the language of the Agreement, unless otherwise agreed with the granting authority (see Data Sheet, Point 4.2).

21.5 Consequences of non-compliance

If a report submitted does not comply with this Article, the granting authority may suspend the payment deadline (see Article 29) and apply other measures described in Chapter 5.

If the coordinator breaches its reporting obligations, the granting authority may terminate the grant or the coordinator's participation (see Article 32) or apply other measures described in Chapter 5.

ARTICLE 22 — PAYMENTS AND RECOVERIES — CALCULATION OF AMOUNTS DUE

22.1 Payments and payment arrangements

Payments will be made in accordance with the schedule and modalities set out in the Data Sheet (see Point 4.2).

They will be made in euro to the bank account indicated by the coordinator (see Data Sheet, Point 4.2) and must be distributed without unjustified delay (restrictions may apply to distribution of the initial prefinancing payment; see Data Sheet, Point 4.2).

Payments to this bank account will discharge the granting authority from its payment obligation.

The cost of payment transfers will be borne as follows:

- the granting authority bears the cost of transfers charged by its bank
- the beneficiary bears the cost of transfers charged by its bank
- the party causing a repetition of a transfer bears all costs of the repeated transfer.

Payments by the granting authority will be considered to have been carried out on the date when they are debited to its account.

22.2 Recoveries

Recoveries will be made, if — at beneficiary termination, final payment or afterwards — it turns out that the granting authority has paid too much and needs to recover the amounts undue.

The general liability regime for recoveries (first-line liability) is as follows: At final payment, the coordinator will be fully liable for recoveries, even if it has not been the final recipient of the undue

amounts. At beneficiary termination or after final payment, recoveries will be made directly against the beneficiaries concerned.

Beneficiaries will be fully liable for repaying the debts of their affiliated entities.

In case of enforced recoveries (see Article 22.4):

- the beneficiaries will be jointly and severally liable for repaying debts of another beneficiary under the Agreement (including late-payment interest), if required by the granting authority (see Data Sheet, Point 4.4)
- affiliated entities will be held liable for repaying debts of their beneficiaries under the Agreement (including late-payment interest), if required by the granting authority (see Data Sheet, Point 4.4).

22.3 Amounts due

22.3.1 Prefinancing payments

The aim of the prefinancing is to provide the beneficiaries with a float.

It remains the property of the EU until the final payment.

For **initial prefinancings** (if any), the amount due, schedule and modalities are set out in the Data Sheet (see Point 4.2).

For **additional prefinancings** (if any), the amount due, schedule and modalities are also set out in the Data Sheet (see Point 4.2). However, if the statement on the use of the previous prefinancing payment shows that less than 70% was used, the amount set out in the Data Sheet will be reduced by the difference between the 70% threshold and the amount used.

Prefinancing payments (or parts of them) may be offset (without the beneficiaries' consent) against amounts owed by a beneficiary to the granting authority — up to the amount due to that beneficiary.

For grants where the granting authority is the European Commission or an EU executive agency, offsetting may also be done against amounts owed to other Commission services or executive agencies.

Payments will not be made if the payment deadline or payments are suspended (see Articles 29 and 30).

22.3.2 Amount due at beneficiary termination — Recovery

In case of beneficiary termination, the granting authority will determine the provisional amount due for the beneficiary concerned. Payments (if any) will be made with the next interim or final payment.

The **amount due** will be calculated in the following step:

Step 1 — Calculation of the total accepted EU contribution

Step 1 — Calculation of the total accepted EU contribution

The granting authority will first calculate the 'accepted EU contribution' for the beneficiary for all

reporting periods, by calculating the ‘maximum EU contribution to costs’ (applying the funding rate to the accepted costs of the beneficiary), taking into account requests for a lower contribution to costs and CFS threshold cappings (if any; see Article 24.5) and adding the contributions (accepted unit, flat-rate or lump sum contributions and financing not linked to costs, if any).

After that, the granting authority will take into account grant reductions (if any). The resulting amount is the ‘total accepted EU contribution’ for the beneficiary.

The **balance** is then calculated by deducting the payments received (if any; see report on the distribution of payments in Article 32), from the total accepted EU contribution:

$$\begin{aligned} & \{ \text{total accepted EU contribution for the beneficiary} \\ & \text{minus} \\ & \{ \text{prefinancing and interim payments received (if any)} \} \}. \end{aligned}$$

If the balance is **positive**, the amount will be included in the next interim or final payment to the consortium.

If the balance is **negative**, it will be **recovered** in accordance with the following procedure:

The granting authority will send a **pre-information letter** to the beneficiary concerned:

- formally notifying the intention to recover, the amount due, the amount to be recovered and the reasons why and
- requesting observations within 30 days of receiving notification.

If no observations are submitted (or the granting authority decides to pursue recovery despite the observations it has received), it will confirm the amount to be recovered and ask this amount to be paid to the coordinator (**confirmation letter**).

The amounts will later on also be taken into account for the next interim or final payment.

22.3.3 Interim payments

Interim payments reimburse the eligible costs and contributions claimed for the implementation of the action during the reporting periods (if any).

Interim payments (if any) will be made in accordance with the schedule and modalities set out the Data Sheet (see Point 4.2).

Payment is subject to the approval of the periodic report. Its approval does not imply recognition of compliance, authenticity, completeness or correctness of its content.

The **interim payment** will be calculated by the granting authority in the following steps:

Step 1 — Calculation of the total accepted EU contribution

Step 2 — Limit to the interim payment ceiling

Step 1 — Calculation of the total accepted EU contribution

The granting authority will calculate the ‘accepted EU contribution’ for the action for the reporting period, by first calculating the ‘maximum EU contribution to costs’ (applying the funding rate to the accepted costs of each beneficiary), taking into account requests for a lower contribution to costs and CFS threshold cappings (if any; see Article 24.5) and adding the contributions (accepted unit, flat-rate or lump sum contributions and financing not linked to costs, if any).

After that, the granting authority will take into account grant reductions from beneficiary termination (if any). The resulting amount is the ‘total accepted EU contribution’.

Step 2 — Limit to the interim payment ceiling

The resulting amount is then capped to ensure that the total amount of prefinancing and interim payments (if any) does not exceed the interim payment ceiling set out in the Data Sheet (see Point 4.2).

Interim payments (or parts of them) may be offset (without the beneficiaries’ consent) against amounts owed by a beneficiary to the granting authority — up to the amount due to that beneficiary.

For grants where the granting authority is the European Commission or an EU executive agency, offsetting may also be done against amounts owed to other Commission services or executive agencies.

Payments will not be made if the payment deadline or payments are suspended (see Articles 29 and 30).

22.3.4 Final payment — Final grant amount — Revenues and Profit — Recovery

The final payment (payment of the balance) reimburses the remaining part of the eligible costs and contributions claimed for the implementation of the action (if any).

The final payment will be made in accordance with the schedule and modalities set out in the Data Sheet (see Point 4.2).

Payment is subject to the approval of the final periodic report. Its approval does not imply recognition of compliance, authenticity, completeness or correctness of its content.

The **final grant amount for the action** will be calculated in the following steps:

Step 1 — Calculation of the total accepted EU contribution

Step 2 — Limit to the maximum grant amount

Step 3 — Reduction due to the no-profit rule

Step 1 — Calculation of the total accepted EU contribution

The granting authority will first calculate the ‘accepted EU contribution’ for the action for all reporting periods, by calculating the ‘maximum EU contribution to costs’ (applying the funding rate to the total accepted costs of each beneficiary), taking into account requests for a lower contribution to costs, CFS threshold cappings (if any; see Article 24.5) and adding the contributions (accepted unit, flat-rate or lump sum contributions and financing not linked to costs, if any).

After that, the granting authority will take into account grant reductions (if any). The resulting amount is the ‘total accepted EU contribution’.

Step 2 — Limit to the maximum grant amount

If the resulting amount is higher than the maximum grant amount set out in Article 5.2, it will be limited to the latter.

Step 3 — Reduction due to the no-profit rule

If the no-profit rule is provided for in the Data Sheet (see Point 4.2), the grant must not produce a profit (i.e. surplus of the amount obtained following Step 2 plus the action's revenues, over the eligible costs and contributions approved by the granting authority).

'Revenue' is all income generated by the action, during its duration (see Article 4), for beneficiaries that are profit legal entities.

If there is a profit, it will be deducted in proportion to the final rate of reimbursement of the eligible costs approved by the granting authority (as compared to the amount calculated following Steps 1 and 2 minus the contributions).

The **balance** (final payment) is then calculated by deducting the total amount of prefinancing and interim payments already made (if any), from the final grant amount:

$$\begin{aligned} & \{ \text{final grant amount} \\ & \text{minus} \\ & \{ \text{prefinancing and interim payments made (if any)} \} \}. \end{aligned}$$

If the balance is **positive**, it will be **paid** to the coordinator.

The final payment (or part of it) may be offset (without the beneficiaries' consent) against amounts owed by a beneficiary to the granting authority — up to the amount due to that beneficiary.

For grants where the granting authority is the European Commission or an EU executive agency, offsetting may also be done against amounts owed to other Commission services or executive agencies.

Payments will not be made if the payment deadline or payments are suspended (see Articles 29 and 30).

If the balance is **negative**, it will be **recovered** in accordance with the following procedure:

The granting authority will send a **pre-information letter** to the coordinator:

- formally notifying the intention to recover, the final grant amount, the amount to be recovered and the reasons why
- requesting observations within 30 days of receiving notification.

If no observations are submitted (or the granting authority decides to pursue recovery despite the observations it has received), it will confirm the amount to be recovered (**confirmation letter**), together with a **debit note** with the terms and date for payment.

If payment is not made by the date specified in the debit note, the granting authority will **enforce recovery** in accordance with Article 22.4.

22.3.5 Audit implementation after final payment — Revised final grant amount — Recovery

If — after the final payment (in particular, after checks, reviews, audits or investigations; see Article 25) — the granting authority rejects costs or contributions (see Article 27) or reduces the grant (see Article 28), it will calculate the **revised final grant amount** for the beneficiary concerned.

The **beneficiary revised final grant amount** will be calculated in the following step:

Step 1 — Calculation of the revised total accepted EU contribution

Step 1 — Calculation of the revised total accepted EU contribution

The granting authority will first calculate the ‘revised accepted EU contribution’ for the beneficiary, by calculating the ‘revised accepted costs’ and ‘revised accepted contributions’.

After that, it will take into account grant reductions (if any). The resulting ‘revised total accepted EU contribution’ is the beneficiary revised final grant amount.

If the revised final grant amount is lower than the beneficiary’s final grant amount (i.e. its share in the final grant amount for the action), it will be **recovered** in accordance with the following procedure:

The **beneficiary final grant amount** (i.e. share in the final grant amount for the action) is calculated as follows:

$$\left\{ \begin{array}{l} \text{\{total accepted EU contribution for the beneficiary} \\ \text{divided by} \\ \text{total accepted EU contribution for the action\}} \\ \text{multiplied by} \\ \text{final grant amount for the action\}}. \end{array} \right.$$

The granting authority will send a **pre-information letter** to the beneficiary concerned:

- formally notifying the intention to recover, the amount to be recovered and the reasons why and
- requesting observations within 30 days of receiving notification.

If no observations are submitted (or the granting authority decides to pursue recovery despite the observations it has received), it will confirm the amount to be recovered (**confirmation letter**), together with a **debit note** with the terms and the date for payment.

Recoveries against affiliated entities (if any) will be handled through their beneficiaries.

If payment is not made by the date specified in the debit note, the granting authority will **enforce recovery** in accordance with Article 22.4.

22.4 Enforced recovery

If payment is not made by the date specified in the debit note, the amount due will be recovered:

- (a) by offsetting the amount — without the coordinator or beneficiary’s consent — against any amounts owed to the coordinator or beneficiary by the granting authority.

In exceptional circumstances, to safeguard the EU financial interests, the amount may be offset before the payment date specified in the debit note.

For grants where the granting authority is the European Commission or an EU executive agency, debts may also be offset against amounts owed by other Commission services or executive agencies.

- (b) by drawing on the financial guarantee(s) (if any)
- (c) by holding other beneficiaries jointly and severally liable (if any; see Data Sheet, Point 4.4)
- (d) by holding affiliated entities jointly and severally liable (if any, see Data Sheet, Point 4.4)
- (e) by taking legal action (see Article 43) or, provided that the granting authority is the European Commission or an EU executive agency, by adopting an enforceable decision under Article 299 of the Treaty on the Functioning of the EU (TFEU) and Article 100(2) of EU Financial Regulation 2024/2509.

The amount to be recovered will be increased by **late-payment interest** at the rate set out in Article 22.5, from the day following the payment date in the debit note, up to and including the date the full payment is received.

Partial payments will be first credited against expenses, charges and late-payment interest and then against the principal.

Bank charges incurred in the recovery process will be borne by the beneficiary, unless Directive 2015/2366¹⁹ applies.

For grants where the granting authority is an EU executive agency, enforced recovery by offsetting or enforceable decision will be done by the services of the European Commission (see also Article 43).

22.5 Consequences of non-compliance

22.5.1 If the granting authority does not pay within the payment deadlines (see above), the beneficiaries are entitled to **late-payment interest** at the rate applied by the European Central Bank (ECB) for its main refinancing operations in euros ('reference rate'), plus the rate specified in the Data Sheet (Point 4.2). The reference rate is the rate in force on the first day of the month in which the payment deadline expires, as published in the C series of the *Official Journal of the European Union*.

If the late-payment interest is lower than or equal to EUR 200, it will be paid to the coordinator only on request submitted within two months of receiving the late payment.

Late-payment interest is not due if all beneficiaries are EU Member States (including regional and local government authorities or other public bodies acting on behalf of a Member State for the purpose of this Agreement).

¹⁹ Directive (EU) 2015/2366 of the European Parliament and of the Council of 25 November 2015 on payment services in the internal market, amending Directives 2002/65/EC, 2009/110/EC and 2013/36/EU and Regulation (EU) No 1093/2010, and repealing Directive 2007/64/EC (OJ L 337, 23.12.2015, p. 35).

If payments or the payment deadline are suspended (see Articles 29 and 30), payment will not be considered as late.

Late-payment interest covers the period running from the day following the due date for payment (see above), up to and including the date of payment.

Late-payment interest is not considered for the purposes of calculating the final grant amount.

22.5.2 If the coordinator breaches any of its obligations under this Article, the grant may be reduced (see Article 28) and the grant or the coordinator may be terminated (see Article 32).

Such breaches may also lead to other measures described in Chapter 5.

ARTICLE 23 — GUARANTEES

23.1 Prefinancing guarantee

If required by the granting authority (see Data Sheet, Point 4.2), the beneficiaries must provide (one or more) prefinancing guarantee(s) in accordance with the timing and the amounts set out in the Data Sheet.

The coordinator must submit them to the granting authority in due time before the prefinancing they are linked to.

The guarantees must be drawn up using the template published on the Portal and fulfil the following conditions:

- (a) be provided by a bank or approved financial institution established in the EU or — if requested by the coordinator and accepted by the granting authority — by a third party or a bank or financial institution established outside the EU offering equivalent security
- (b) the guarantor stands as first-call guarantor and does not require the granting authority to first have recourse against the principal debtor (i.e. the beneficiary concerned) and
- (c) remain explicitly in force until the final payment and, if the final payment takes the form of a recovery, until five months after the debit note is notified to a beneficiary.

They will be released within the following month.

23.2 Consequences of non-compliance

If the beneficiaries breach their obligation to provide the prefinancing guarantee, the prefinancing will not be paid.

Such breaches may also lead to other measures described in Chapter 5.

ARTICLE 24 — CERTIFICATES

24.1 Operational verification report (OVR)

Not applicable

24.2 Certificate on the financial statements (CFS)

If required by the granting authority (see Data Sheet, Point 4.3), the beneficiaries must provide certificates on their financial statements (CFS), in accordance with the schedule, threshold and conditions set out in the Data Sheet.

The coordinator must submit them as part of the periodic report (see Article 21).

The certificates must be drawn up using the template published on the Portal, cover the costs declared on the basis of actual costs and costs according to usual cost accounting practices (if any), and fulfil the following conditions:

- (a) be provided by a qualified approved external auditor which is independent and complies with Directive 2006/43/EC²⁰ (or for public bodies: by a competent independent public officer)
- (b) the verification must be carried out according to the highest professional standards to ensure that the financial statements comply with the provisions under the Agreement and that the costs declared are eligible.

The certificates will not affect the granting authority's right to carry out its own checks, reviews or audits, nor preclude the European Court of Auditors (ECA), the European Public Prosecutor's Office (EPPO) or the European Anti-Fraud Office (OLAF) from using their prerogatives for audits and investigations under the Agreement (see Article 25).

If the costs (or a part of them) were already audited by the granting authority, these costs do not need to be covered by the certificate and will not be counted for calculating the threshold (if any).

24.3 Certificate on the compliance of usual cost accounting practices (CoMUC)

Beneficiaries which use unit, flat rate or lump sum costs or contributions according to usual costs accounting practices (if any) may submit to the granting authority, for approval, a certificate on the methodology stating that their usual cost accounting practices comply with the eligibility conditions under the Agreement.

The certificate must be drawn up using the template published on the Portal and fulfil the following conditions:

- (a) be provided by a qualified approved external auditor which is independent and complies with Directive 2006/43/EC²¹ (or for public bodies: by a competent independent public officer)
- (b) the verification must be carried out according to the highest professional standards to ensure that the methodology for declaring costs according to usual accounting practices complies with the provisions under the Agreement.

If the certificate is approved, amounts declared in line with this methodology will not be challenged subsequently, unless the beneficiary concealed information for the purpose of the approval.

²⁰ Directive 2006/43/EC of the European Parliament and of the Council of 17 May 2006 on statutory audits of annual accounts and consolidated accounts (OJ L 157, 9.6.2006, p. 87).

²¹ Directive 2006/43/EC of the European Parliament and of the Council of 17 May 2006 on statutory audits of annual accounts and consolidated accounts (OJ L 157, 9.6.2006, p. 87).

24.4 Systems and process audit (SPA)

Not applicable

24.5 Consequences of non-compliance

If a beneficiary does not submit a certificate on the financial statements (CFS) or the certificate is rejected, the accepted EU contribution to costs will be capped to reflect the CFS threshold.

If a beneficiary breaches any of its other obligations under this Article, the granting authority may apply the measures described in Chapter 5.

ARTICLE 25 — CHECKS, REVIEWS, AUDITS AND INVESTIGATIONS — EXTENSION OF FINDINGS

25.1 Granting authority checks, reviews and audits

25.1.1 Internal checks

The granting authority may — during the action or afterwards — check the proper implementation of the action and compliance with the obligations under the Agreement, including assessing costs and contributions, deliverables and reports.

25.1.2 Project reviews

The granting authority may carry out reviews on the proper implementation of the action and compliance with the obligations under the Agreement (general project reviews or specific issues reviews).

Such project reviews may be started during the implementation of the action and until the time-limit set out in the Data Sheet (see Point 6). They will be formally notified to the coordinator or beneficiary concerned and will be considered to start on the date of the notification.

If needed, the granting authority may be assisted by independent, outside experts. If it uses outside experts, the coordinator or beneficiary concerned will be informed and have the right to object on grounds of commercial confidentiality or conflict of interest.

The coordinator or beneficiary concerned must cooperate diligently and provide — within the deadline requested — any information and data in addition to deliverables and reports already submitted (including information on the use of resources). The granting authority may request beneficiaries to provide such information to it directly. Sensitive information and documents will be treated in accordance with Article 13.

The coordinator or beneficiary concerned may be requested to participate in meetings, including with the outside experts.

For **on-the-spot visits**, the beneficiary concerned must allow access to sites and premises (including to the outside experts) and must ensure that information requested is readily available.

Information provided must be accurate, precise and complete and in the format requested, including electronic format.

On the basis of the review findings, a **project review report** will be drawn up.

The granting authority will formally notify the project review report to the coordinator or beneficiary concerned, which has 30 days from receiving notification to make observations.

Project reviews (including project review reports) will be in the language of the Agreement, unless otherwise agreed with the granting authority (see Data Sheet, Point 4.2).

25.1.3 Audits

The granting authority may carry out audits on the proper implementation of the action and compliance with the obligations under the Agreement.

Such audits may be started during the implementation of the action and until the time-limit set out in the Data Sheet (see Point 6). They will be formally notified to the beneficiary concerned and will be considered to start on the date of the notification.

The granting authority may use its own audit service, delegate audits to a centralised service or use external audit firms. If it uses an external firm, the beneficiary concerned will be informed and have the right to object on grounds of commercial confidentiality or conflict of interest.

The beneficiary concerned must cooperate diligently and provide — within the deadline requested — any information (including complete accounts, individual salary statements or other personal data) to verify compliance with the Agreement. Sensitive information and documents will be treated in accordance with Article 13.

For **on-the-spot** visits, the beneficiary concerned must allow access to sites and premises (including for the external audit firm) and must ensure that information requested is readily available.

Information provided must be accurate, precise and complete and in the format requested, including electronic format.

On the basis of the audit findings, a **draft audit report** will be drawn up.

The auditors will formally notify the draft audit report to the beneficiary concerned, which has 30 days from receiving notification to make observations (contradictory audit procedure).

The **final audit report** will take into account observations by the beneficiary concerned and will be formally notified to them.

Audits (including audit reports) will be in the language of the Agreement, unless otherwise agreed with the granting authority (see Data Sheet, Point 4.2).

25.2 European Commission checks, reviews and audits in grants of other granting authorities

Where the granting authority is not the European Commission, the latter has the same rights of checks, reviews and audits as the granting authority.

25.3 Access to records for assessing simplified forms of funding

The beneficiaries must give the European Commission access to their statutory records for the periodic assessment of simplified forms of funding which are used in EU programmes.

25.4 OLAF, EPPO and ECA audits and investigations

The following bodies may also carry out checks, reviews, audits and investigations — during the action or afterwards:

- the European Anti-Fraud Office (OLAF) under Regulations No 883/2013²² and No 2185/96²³
- the European Public Prosecutor's Office (EPPO) under Regulation 2017/1939
- the European Court of Auditors (ECA) under Article 287 of the Treaty on the Functioning of the EU (TFEU) and Article 263 of EU Financial Regulation 2024/2509.

If requested by these bodies, the beneficiary concerned must provide full, accurate and complete information in the format requested (including complete accounts, individual salary statements or other personal data, including in electronic format) and allow access to sites and premises for on-the-spot visits or inspections — as provided for under these Regulations.

To this end, the beneficiary concerned must keep all relevant information relating to the action, at least until the time-limit set out in the Data Sheet (Point 6) and, in any case, until any ongoing checks, reviews, audits, investigations, litigation or other pursuits of claims have been concluded.

25.5 Consequences of checks, reviews, audits and investigations — Extension of results of reviews, audits or investigations

25.5.1 Consequences of checks, reviews, audits and investigations in this grant

Findings in checks, reviews, audits or investigations carried out in the context of this grant may lead to rejections (see Article 27), grant reduction (see Article 28) or other measures described in Chapter 5.

Rejections or grant reductions after the final payment will lead to a revised final grant amount (see Article 22).

Findings in checks, reviews, audits or investigations during the action implementation may lead to a request for amendment (see Article 39), to change the description of the action set out in Annex 1.

Checks, reviews, audits or investigations that find systemic or recurrent errors, irregularities, fraud or breach of obligations in any EU grant may also lead to consequences in other EU grants awarded under similar conditions ('extension to other grants').

Moreover, findings arising from an OLAF or EPPO investigation may lead to criminal prosecution under national law.

²² Regulation (EU, Euratom) No 883/2013 of the European Parliament and of the Council of 11 September 2013 concerning investigations conducted by the European Anti-Fraud Office (OLAF) and repealing Regulation (EC) No 1073/1999 of the European Parliament and of the Council and Council Regulation (Euratom) No 1074/1999 (OJ L 248, 18/09/2013, p. 1).

²³ Council Regulation (Euratom, EC) No 2185/96 of 11 November 1996 concerning on-the-spot checks and inspections carried out by the Commission in order to protect the European Communities' financial interests against fraud and other irregularities (OJ L 292, 15/11/1996, p. 2).

25.5.2 Extension from other grants

Results of checks, reviews, audits or investigations in other grants may be extended to this grant, if:

- (a) the beneficiary concerned is found, in other EU grants awarded under similar conditions, to have committed systemic or recurrent errors, irregularities, fraud or breach of obligations that have a material impact on this grant and
- (b) those findings are formally notified to the beneficiary concerned — together with the list of grants affected by the findings — within the time-limit for audits set out in the Data Sheet (see Point 6).

The granting authority will formally notify the beneficiary concerned of the intention to extend the findings and the list of grants affected.

If the extension concerns **rejections of costs or contributions**: the notification will include:

- (a) an invitation to submit observations on the list of grants affected by the findings
- (b) the request to submit revised financial statements for all grants affected
- (c) the correction rate for extrapolation, established on the basis of the systemic or recurrent errors, to calculate the amounts to be rejected, if the beneficiary concerned:
 - (i) considers that the submission of revised financial statements is not possible or practicable or
 - (ii) does not submit revised financial statements.

If the extension concerns **grant reductions**: the notification will include:

- (a) an invitation to submit observations on the list of grants affected by the findings and
- (b) the **correction rate for extrapolation**, established on the basis of the systemic or recurrent errors and the principle of proportionality.

The beneficiary concerned has **60 days** from receiving notification to submit observations, revised financial statements or to propose a duly substantiated **alternative correction method/rate**.

On the basis of this, the granting authority will analyse the impact and decide on the implementation (i.e. start rejection or grant reduction procedures, either on the basis of the revised financial statements or the announced/alternative method/rate or a mix of those; see Articles 27 and 28).

25.6 Consequences of non-compliance

If a beneficiary breaches any of its obligations under this Article, costs or contributions insufficiently substantiated will be ineligible (see Article 6) and will be rejected (see Article 27), and the grant may be reduced (see Article 28).

Such breaches may also lead to other measures described in Chapter 5.

ARTICLE 26 — IMPACT EVALUATIONS

26.1 Impact evaluation

The granting authority may carry out impact evaluations of the action, measured against the objectives and indicators of the EU programme funding the grant.

Such evaluations may be started during implementation of the action and until the time-limit set out in the Data Sheet (see Point 6). They will be formally notified to the coordinator or beneficiaries and will be considered to start on the date of the notification.

If needed, the granting authority may be assisted by independent outside experts.

The coordinator or beneficiaries must provide any information relevant to evaluate the impact of the action, including information in electronic format.

26.2 Consequences of non-compliance

If a beneficiary breaches any of its obligations under this Article, the granting authority may apply the measures described in Chapter 5.

CHAPTER 5 CONSEQUENCES OF NON-COMPLIANCE

SECTION 1 REJECTIONS AND GRANT REDUCTION

ARTICLE 27 — REJECTION OF COSTS AND CONTRIBUTIONS

27.1 Conditions

The granting authority will — at beneficiary termination, interim payment, final payment or afterwards — reject any costs or contributions which are ineligible (see Article 6), in particular following checks, reviews, audits or investigations (see Article 25).

The rejection may also be based on the extension of findings from other grants to this grant (see Article 25).

Ineligible costs or contributions will be rejected.

27.2 Procedure

If the rejection does not lead to a recovery, the granting authority will formally notify the coordinator or beneficiary concerned of the rejection, the amounts and the reasons why. The coordinator or beneficiary concerned may — within 30 days of receiving notification — submit observations if it disagrees with the rejection (payment review procedure).

If the rejection leads to a recovery, the granting authority will follow the contradictory procedure with pre-information letter set out in Article 22.

27.3 Effects

If the granting authority rejects costs or contributions, it will deduct them from the costs or

contributions declared and then calculate the amount due (and, if needed, make a recovery; see Article 22).

ARTICLE 28 — GRANT REDUCTION

28.1 Conditions

The granting authority may — at beneficiary termination, final payment or afterwards — reduce the grant for a beneficiary, if:

- (a) the beneficiary (or a person having powers of representation, decision-making or control, or person essential for the award/implementation of the grant) has committed:
 - (i) substantial errors, irregularities or fraud or
 - (ii) serious breach of obligations under this Agreement or during its award (including improper implementation of the action, non-compliance with the call conditions, submission of false information, failure to provide required information, breach of ethics or security rules (if applicable), failure to cooperate with checks, reviews, audits and investigations, etc.), or
- (b) the beneficiary (or a person having powers of representation, decision-making or control, or person essential for the award/implementation of the grant) has committed — in other EU grants awarded to it under similar conditions — systemic or recurrent errors, irregularities, fraud or serious breach of obligations that have a material impact on this grant (see Article 25).

The amount of the reduction will be calculated for each beneficiary concerned and proportionate to the seriousness and the duration of the errors, irregularities or fraud or breach of obligations, by applying an individual reduction rate to their accepted EU contribution.

28.2 Procedure

If the grant reduction does not lead to a recovery, the granting authority will formally notify the coordinator or beneficiary concerned of the reduction, the amount to be reduced and the reasons why. The coordinator or beneficiary concerned may — within 30 days of receiving notification — submit observations if it disagrees with the reduction (payment review procedure).

If the grant reduction leads to a recovery, the granting authority will follow the contradictory procedure with pre-information letter set out in Article 22.

28.3 Effects

If the granting authority reduces the grant, it will deduct the reduction and then calculate the amount due (and, if needed, make a recovery; see Article 22).

SECTION 2 — SUSPENSION AND TERMINATION

ARTICLE 29 — PAYMENT DEADLINE SUSPENSION

29.1 Conditions

The granting authority may — at any moment — suspend the payment deadline if a payment cannot be processed because:

- (a) the required report (see Article 21) has not been submitted or is not complete or additional information is needed
- (b) there are doubts about the amount to be paid (e.g. ongoing audit extension procedure, queries about eligibility, need for a grant reduction, etc.) and additional checks, reviews, audits or investigations are necessary, or
- (c) there are other issues affecting the EU financial interests.

29.2 Procedure

The granting authority will formally notify the coordinator of the suspension and the reasons why.

The suspension will **take effect** the day the notification is sent.

If the conditions for suspending the payment deadline are no longer met, the suspension will be **lifted** — and the remaining time to pay (see Data Sheet, Point 4.2) will resume.

If the suspension exceeds two months, the coordinator may request the granting authority to confirm if the suspension will continue.

If the payment deadline has been suspended due to the non-compliance of the report and the revised report is not submitted (or was submitted but is also rejected), the granting authority may also terminate the grant or the participation of the coordinator (see Article 32).

ARTICLE 30 — PAYMENT SUSPENSION

30.1 Conditions

The granting authority may — at any moment — suspend payments, in whole or in part for one or more beneficiaries, if:

- (a) a beneficiary (or a person having powers of representation, decision-making or control, or person essential for the award/implementation of the grant) has committed or is suspected of having committed:
 - (i) substantial errors, irregularities or fraud or
 - (ii) serious breach of obligations under this Agreement or during its award (including improper implementation of the action, non-compliance with the call conditions, submission of false information, failure to provide required information, breach of ethics or security rules (if applicable), failure to cooperate with checks, reviews, audits and investigations, etc.), or
- (b) a beneficiary (or a person having powers of representation, decision-making or control, or person essential for the award/implementation of the grant) has committed — in other EU grants awarded to it under similar conditions — systemic or recurrent errors, irregularities, fraud or serious breach of obligations that have a material impact on this grant.

If payments are suspended for one or more beneficiaries, the granting authority will make partial payment(s) for the part(s) not suspended. If suspension concerns the final payment, the payment (or recovery) of the remaining amount after suspension is lifted will be considered to be the payment that closes the action.

30.2 Procedure

Before suspending payments, the granting authority will send a **pre-information letter** to the beneficiary concerned:

- formally notifying the intention to suspend payments and the reasons why and
- requesting observations within 30 days of receiving notification.

If the granting authority does not receive observations or decides to pursue the procedure despite the observations it has received, it will confirm the suspension (**confirmation letter**). Otherwise, it will formally notify that the procedure is discontinued.

At the end of the suspension procedure, the granting authority will also inform the coordinator.

The suspension will **take effect** the day after the confirmation notification is sent.

If the conditions for resuming payments are met, the suspension will be **lifted**. The granting authority will formally notify the beneficiary concerned (and the coordinator) and set the suspension end date.

During the suspension, no prefinancing will be paid to the beneficiaries concerned. For interim payments, the periodic reports for all reporting periods except the last one (see Article 21) must not contain any financial statements from the beneficiary concerned (or its affiliated entities). The coordinator must include them in the next periodic report after the suspension is lifted or — if suspension is not lifted before the end of the action — in the last periodic report.

ARTICLE 31 — GRANT AGREEMENT SUSPENSION

31.1 Consortium-requested GA suspension

31.1.1 Conditions and procedure

The beneficiaries may request the suspension of the grant or any part of it, if exceptional circumstances — in particular *force majeure* (see Article 35) — make implementation impossible or excessively difficult.

The coordinator must submit a request for **amendment** (see Article 39), with:

- the reasons why
- the date the suspension takes effect; this date may be before the date of the submission of the amendment request and
- the expected date of resumption.

The suspension will **take effect** on the day specified in the amendment.

Once circumstances allow for implementation to resume, the coordinator must immediately request another **amendment** of the Agreement to set the suspension end date, the resumption date (one day after suspension end date), extend the duration and make other changes necessary to adapt the action to the new situation (see Article 39) — unless the grant has been terminated (see Article 32). The suspension will be **lifted** with effect from the suspension end date set out in the amendment. This date may be before the date of the submission of the amendment request.

During the suspension, no prefinancing will be paid. Costs incurred or contributions for activities implemented during grant suspension are not eligible (see Article 6.3).

31.2 EU-initiated GA suspension

31.2.1 Conditions

The granting authority may suspend the grant or any part of it, if:

- (a) a beneficiary (or a person having powers of representation, decision-making or control, or person essential for the award/implementation of the grant) has committed or is suspected of having committed:
 - (i) substantial errors, irregularities or fraud or
 - (ii) serious breach of obligations under this Agreement or during its award (including improper implementation of the action, non-compliance with the call conditions, submission of false information, failure to provide required information, breach of ethics or security rules (if applicable), failure to cooperate with checks, reviews, audits and investigations, etc.), or
- (b) a beneficiary (or a person having powers of representation, decision-making or control, or person essential for the award/implementation of the grant) has committed — in other EU grants awarded to it under similar conditions — systemic or recurrent errors, irregularities, fraud or serious breach of obligations that have a material impact on this grant
- (c) other:
 - (i) linked action issues: not applicable
 - (ii) due to major delays, the objectives of the action risk to no longer be achieved

31.2.2 Procedure

Before suspending the grant, the granting authority will send a **pre-information letter** to the coordinator:

- formally notifying the intention to suspend the grant and the reasons why and
- requesting observations within 30 days of receiving notification.

If the granting authority does not receive observations or decides to pursue the procedure despite the observations it has received, it will confirm the suspension (**confirmation letter**). Otherwise, it will formally notify that the procedure is discontinued.

The suspension will **take effect** the day after the confirmation notification is sent (or on a later date specified in the notification).

Once the conditions for resuming implementation of the action are met, the granting authority will formally notify the coordinator a **lifting of suspension letter**, in which it will set the suspension end date and invite the coordinator to request an amendment of the Agreement to set the resumption date (one day after suspension end date), extend the duration and make other changes necessary to adapt the action to the new situation (see Article 39) — unless the grant has been terminated (see Article 32). The suspension will be **lifted** with effect from the suspension end date set out in the lifting of suspension letter. This date may be before the date on which the letter is sent.

During the suspension, no prefinancing will be paid. Costs incurred or contributions for activities implemented during suspension are not eligible (see Article 6.3).

The beneficiaries may not claim damages due to suspension by the granting authority (see Article 33).

Grant suspension does not affect the granting authority's right to terminate the grant or a beneficiary (see Article 32) or reduce the grant (see Article 28).

ARTICLE 32 — GRANT AGREEMENT OR BENEFICIARY TERMINATION

32.1 Consortium-requested GA termination

32.1.1 Conditions and procedure

The beneficiaries may request the termination of the grant.

The coordinator must submit a request for **amendment** (see Article 39), with:

- the reasons why
- the date the consortium ends work on the action ('end of work date') and
- the date the termination takes effect ('termination date'); this date must be after the date of the submission of the amendment request.

The termination will **take effect** on the termination date specified in the amendment.

If no reasons are given or if the granting authority considers the reasons do not justify termination, it may consider the grant terminated improperly.

32.1.2 Effects

The coordinator must — within 60 days from when termination takes effect — submit a **periodic report** (for the open reporting period until termination).

The granting authority will calculate the final grant amount and final payment on the basis of the report submitted and taking into account the costs incurred and contributions for activities implemented before the end of work date (see Article 22). Costs relating to contracts due for execution only after the end of work are not eligible.

If the granting authority does not receive the report within the deadline, only costs and contributions

which are included in an approved periodic report will be taken into account (no costs/contributions if no periodic report was ever approved).

Improper termination may lead to a grant reduction (see Article 28).

After termination, the beneficiaries' obligations (in particular Articles 13 (confidentiality and security), 16 (IPR), 17 (communication, dissemination and visibility), 21 (reporting), 25 (checks, reviews, audits and investigations), 26 (impact evaluation), 27 (rejections), 28 (grant reduction) and 42 (assignment of claims)) continue to apply.

32.2 Consortium-requested beneficiary termination

32.2.1 Conditions and procedure

The coordinator may request the termination of the participation of one or more beneficiaries, on request of the beneficiary concerned or on behalf of the other beneficiaries.

The coordinator must submit a request for **amendment** (see Article 39), with:

- the reasons why
- the opinion of the beneficiary concerned (or proof that this opinion has been requested in writing)
- the date the beneficiary ends work on the action ('end of work date')
- the date the termination takes effect ('termination date'); this date must be after the date of the submission of the amendment request.

If the termination concerns the coordinator and is done without its agreement, the amendment request must be submitted by another beneficiary (acting on behalf of the consortium).

The termination will **take effect** on the termination date specified in the amendment.

If no information is given or if the granting authority considers that the reasons do not justify termination, it may consider the beneficiary to have been terminated improperly.

32.2.2 Effects

The coordinator must — within 60 days from when termination takes effect — submit:

- (i) a **report on the distribution of payments** to the beneficiary concerned
- (ii) a **termination report** from the beneficiary concerned, for the open reporting period until termination, containing an overview of the progress of the work, the financial statement, the explanation on the use of resources, and, if applicable, the certificate on the financial statement (CFS; see Articles 21 and 24.2 and Data Sheet, Point 4.3)
- (iii) a second **request for amendment** (see Article 39) with other amendments needed (e.g. reallocation of the tasks and the estimated budget of the terminated beneficiary; addition of a new beneficiary to replace the terminated beneficiary; change of coordinator, etc.).

The granting authority will calculate the amount due to the beneficiary on the basis of the report

submitted and taking into account the costs incurred and contributions for activities implemented before the end of work date (see Article 22). Costs relating to contracts due for execution only after the end of work are not eligible.

The information in the termination report must also be included in the periodic report for the next reporting period (see Article 21).

If the granting authority does not receive the termination report within the deadline, only costs and contributions which are included in an approved periodic report will be taken into account (no costs/contributions if no periodic report was ever approved).

If the granting authority does not receive the report on the distribution of payments within the deadline, it will consider that:

- the coordinator did not distribute any payment to the beneficiary concerned and that
- the beneficiary concerned must not repay any amount to the coordinator.

If the second request for amendment is accepted by the granting authority, the Agreement is **amended** to introduce the necessary changes (see Article 39).

If the second request for amendment is rejected by the granting authority (because it calls into question the decision awarding the grant or breaches the principle of equal treatment of applicants), the grant may be terminated (see Article 32).

Improper termination may lead to a reduction of the grant (see Article 31) or grant termination (see Article 32).

After termination, the concerned beneficiary's obligations (in particular Articles 13 (confidentiality and security), 16 (IPR), 17 (communication, dissemination and visibility), 21 (reporting), 25 (checks, reviews, audits and investigations), 26 (impact evaluation), 27 (rejections), 28 (grant reduction) and 42 (assignment of claims)) continue to apply.

32.3 EU-initiated GA or beneficiary termination

32.3.1 Conditions

The granting authority may terminate the grant or the participation of one or more beneficiaries, if:

- (a) one or more beneficiaries do not accede to the Agreement (see Article 40)
- (b) a change to the action or the legal, financial, technical, organisational or ownership situation of a beneficiary is likely to substantially affect the implementation of the action or calls into question the decision to award the grant (including changes linked to one of the exclusion grounds listed in the declaration of honour)
- (c) following termination of one or more beneficiaries, the necessary changes to the Agreement (and their impact on the action) would call into question the decision awarding the grant or breach the principle of equal treatment of applicants
- (d) implementation of the action has become impossible or the changes necessary for its

continuation would call into question the decision awarding the grant or breach the principle of equal treatment of applicants

- (e) a beneficiary (or person with unlimited liability for its debts) is subject to bankruptcy proceedings or similar (including insolvency, winding-up, administration by a liquidator or court, arrangement with creditors, suspension of business activities, etc.)
- (f) a beneficiary (or person with unlimited liability for its debts) is in breach of social security or tax obligations
- (g) a beneficiary (or person having powers of representation, decision-making or control, or person essential for the award/implementation of the grant) has been found guilty of grave professional misconduct
- (h) a beneficiary (or person having powers of representation, decision-making or control, or person essential for the award/implementation of the grant) has committed fraud, corruption, or is involved in a criminal organisation, money laundering, terrorism-related crimes (including terrorism financing), child labour or human trafficking
- (i) a beneficiary (or person having powers of representation, decision-making or control, or person essential for the award/implementation of the grant) was created under a different jurisdiction with the intent to circumvent fiscal, social or other legal obligations in the country of origin (or created another entity with this purpose)
- (j) a beneficiary (or person having powers of representation, decision-making or control, or person essential for the award/implementation of the grant) has committed:
 - (i) substantial errors, irregularities or fraud or
 - (ii) serious breach of obligations under this Agreement or during its award (including improper implementation of the action, non-compliance with the call conditions, submission of false information, failure to provide required information, breach of ethics or security rules (if applicable), failure to cooperate with checks, reviews, audits and investigations, etc.)
- (k) a beneficiary (or person having powers of representation, decision-making or control, or person essential for the award/implementation of the grant) has committed — in other EU grants awarded to it under similar conditions — systemic or recurrent errors, irregularities, fraud or serious breach of obligations that have a material impact on this grant (extension of findings from other grants to this grant; see Article 25)
- (l) despite a specific request by the granting authority, a beneficiary does not request — through the coordinator — an amendment to the Agreement to end the participation of one of its affiliated entities or associated partners that is in one of the situations under points (d), (f), (e), (g), (h), (i) or (j) and to reallocate its tasks, or
- (m) other:
 - (i) linked action issues: not applicable
 - (ii) due to major delays, the objectives of the action can no longer be achieved

32.3.2 Procedure

Before terminating the grant or participation of one or more beneficiaries, the granting authority will send a **pre-information letter** to the coordinator or beneficiary concerned:

- formally notifying the intention to terminate and the reasons why and
- requesting observations within 30 days of receiving notification.

If the granting authority does not receive observations or decides to pursue the procedure despite the observations it has received, it will confirm the termination and the date it will take effect (**confirmation letter**). Otherwise, it will formally notify that the procedure is discontinued.

For beneficiary terminations, the granting authority will — at the end of the procedure — also inform the coordinator.

The termination will **take effect** the day after the confirmation notification is sent (or on a later date specified in the notification; ‘termination date’).

32.3.3 Effects

(a) for **GA termination**:

The coordinator must — within 60 days from when termination takes effect — submit a **periodic report** (for the last open reporting period until termination).

The granting authority will calculate the final grant amount and final payment on the basis of the report submitted and taking into account the costs incurred and contributions for activities implemented before termination takes effect (see Article 22). Costs relating to contracts due for execution only after termination are not eligible.

If the grant is terminated for breach of the obligation to submit reports, the coordinator may not submit any report after termination.

If the granting authority does not receive the report within the deadline, only costs and contributions which are included in an approved periodic report will be taken into account (no costs/contributions if no periodic report was ever approved).

Termination does not affect the granting authority’s right to reduce the grant (see Article 28) or to impose administrative sanctions (see Article 34).

The beneficiaries may not claim damages due to termination by the granting authority (see Article 33).

After termination, the beneficiaries’ obligations (in particular Articles 13 (confidentiality and security), 16 (IPR), 17 (communication, dissemination and visibility), 21 (reporting), 25 (checks, reviews, audits and investigations), 26 (impact evaluation), 27 (rejections), 28 (grant reduction) and 42 (assignment of claims)) continue to apply.

(b) for **beneficiary termination**:

The coordinator must — within 60 days from when termination takes effect — submit:

- (i) a **report on the distribution of payments** to the beneficiary concerned
- (ii) a **termination report** from the beneficiary concerned, for the open reporting period until termination, containing an overview of the progress of the work, the financial statement, the explanation on the use of resources, and, if applicable, the certificate on the financial statement (CFS; see Articles 21 and 24.2 and Data Sheet, Point 4.3)
- (iii) a **request for amendment** (see Article 39) with any amendments needed (e.g. reallocation of the tasks and the estimated budget of the terminated beneficiary; addition of a new beneficiary to replace the terminated beneficiary; change of coordinator, etc.).

The granting authority will calculate the amount due to the beneficiary on the basis of the report submitted and taking into account the costs incurred and contributions for activities implemented before termination takes effect (see Article 22). Costs relating to contracts due for execution only after termination are not eligible.

The information in the termination report must also be included in the periodic report for the next reporting period (see Article 21).

If the granting authority does not receive the termination report within the deadline, only costs and contributions included in an approved periodic report will be taken into account (no costs/contributions if no periodic report was ever approved).

If the granting authority does not receive the report on the distribution of payments within the deadline, it will consider that:

- the coordinator did not distribute any payment to the beneficiary concerned and that
- the beneficiary concerned must not repay any amount to the coordinator.

If the request for amendment is accepted by the granting authority, the Agreement is **amended** to introduce the necessary changes (see Article 39).

If the request for amendment is rejected by the granting authority (because it calls into question the decision awarding the grant or breaches the principle of equal treatment of applicants), the grant may be terminated (see Article 32).

After termination, the concerned beneficiary's obligations (in particular Articles 13 (confidentiality and security), 16 (IPR), 17 (communication, dissemination and visibility), 21 (reporting), 25 (checks, reviews, audits and investigations), 26 (impact evaluation), 27 (rejections), 28 (grant reduction) and 42 (assignment of claims)) continue to apply.

SECTION 3 OTHER CONSEQUENCES: DAMAGES AND ADMINISTRATIVE SANCTIONS

ARTICLE 33 — DAMAGES

33.1 Liability of the granting authority

The granting authority cannot be held liable for any damage caused to the beneficiaries or to third parties as a consequence of the implementation of the Agreement, including for gross negligence.

The granting authority cannot be held liable for any damage caused by any of the beneficiaries or other participants involved in the action, as a consequence of the implementation of the Agreement.

33.2 Liability of the beneficiaries

The beneficiaries must compensate the granting authority for any damage it sustains as a result of the implementation of the action or because the action was not implemented in full compliance with the Agreement, provided that it was caused by gross negligence or wilful act.

The liability does not extend to indirect or consequential losses or similar damage (such as loss of profit, loss of revenue or loss of contracts), provided such damage was not caused by wilful act or by a breach of confidentiality.

ARTICLE 34 — ADMINISTRATIVE SANCTIONS AND OTHER MEASURES

Nothing in this Agreement may be construed as preventing the adoption of administrative sanctions (i.e. exclusion from EU award procedures and/or financial penalties) or other public law measures, in addition or as an alternative to the contractual measures provided under this Agreement (see, for instance, Articles 137 to 148 EU Financial Regulation 2024/2509 and Articles 4 and 7 of Regulation 2988/95²⁴).

SECTION 4 FORCE MAJEURE

ARTICLE 35 — FORCE MAJEURE

A party prevented by force majeure from fulfilling its obligations under the Agreement cannot be considered in breach of them.

‘Force majeure’ means any situation or event that:

- prevents either party from fulfilling their obligations under the Agreement
- was unforeseeable, exceptional situation and beyond the parties’ control
- was not due to error or negligence on their part (or on the part of other participants involved in the action) and
- proves to be inevitable in spite of exercising all due diligence.

Any situation constituting force majeure must be formally notified to the other party without delay, stating the nature, likely duration and foreseeable effects.

The parties must immediately take all the necessary steps to limit any damage due to force majeure and do their best to resume implementation of the action as soon as possible.

²⁴ Council Regulation (EC, Euratom) No 2988/95 of 18 December 1995 on the protection of the European Communities financial interests (OJ L 312, 23.12.1995, p. 1).

CHAPTER 6 FINAL PROVISIONS

ARTICLE 36 — COMMUNICATION BETWEEN THE PARTIES

36.1 Forms and means of communication — Electronic management

EU grants are managed fully electronically through the EU Funding & Tenders Portal ('Portal').

All communications must be made electronically through the Portal, in accordance with the Portal Terms and Conditions and using the forms and templates provided there (except if explicitly instructed otherwise by the granting authority).

Communications must be made in writing and clearly identify the grant agreement (project number and acronym).

Communications must be made by persons authorised according to the Portal Terms and Conditions. For naming the authorised persons, each beneficiary must have designated — before the signature of this Agreement — a 'legal entity appointed representative (LEAR)'. The role and tasks of the LEAR are stipulated in their appointment letter (see Portal Terms and Conditions).

If the electronic exchange system is temporarily unavailable, instructions will be given on the Portal.

36.2 Date of communication

The sending date for communications made through the Portal will be the date and time of sending, as indicated by the time logs.

The receiving date for communications made through the Portal will be the date and time the communication is accessed, as indicated by the time logs. Formal notifications that have not been accessed within 10 days after sending, will be considered to have been accessed (see Portal Terms and Conditions).

If a communication is exceptionally made on paper (by e-mail or postal service), general principles apply (i.e. date of sending/receipt). Formal notifications by registered post with proof of delivery will be considered to have been received either on the delivery date registered by the postal service or the deadline for collection at the post office.

If the electronic exchange system is temporarily unavailable, the sending party cannot be considered in breach of its obligation to send a communication within a specified deadline.

36.3 Addresses for communication

The Portal can be accessed via the Europa website.

The address for paper communications to the granting authority (if exceptionally allowed) is the official mailing address indicated on its website.

For beneficiaries, it is the legal address specified in the Portal Participant Register.

ARTICLE 37 — INTERPRETATION OF THE AGREEMENT

The provisions in the Data Sheet take precedence over the rest of the Terms and Conditions of the Agreement.

Annex 5 takes precedence over the Terms and Conditions; the Terms and Conditions take precedence over the Annexes other than Annex 5.

Annex 2 takes precedence over Annex 1.

ARTICLE 38 — CALCULATION OF PERIODS AND DEADLINES

In accordance with Regulation No 1182/71²⁵, periods expressed in days, months or years are calculated from the moment the triggering event occurs.

The day during which that event occurs is not considered as falling within the period.

‘Days’ means calendar days, not working days.

ARTICLE 39 — AMENDMENTS

39.1 Conditions

The Agreement may be amended, unless the amendment entails changes to the Agreement which would call into question the decision awarding the grant or breach the principle of equal treatment of applicants.

Amendments may be requested by any of the parties.

39.2 Procedure

The party requesting an amendment must submit a request for amendment signed directly in the Portal Amendment tool.

The coordinator submits and receives requests for amendment on behalf of the beneficiaries (see Annex 3). If a change of coordinator is requested without its agreement, the submission must be done by another beneficiary (acting on behalf of the other beneficiaries).

The request for amendment must include:

- the reasons why
- the appropriate supporting documents and
- for a change of coordinator without its agreement: the opinion of the coordinator (or proof that this opinion has been requested in writing).

The granting authority may request additional information.

If the party receiving the request agrees, it must sign the amendment in the tool within 45 days of receiving notification (or any additional information the granting authority has requested). If it does

²⁵ Regulation (EEC, Euratom) No 1182/71 of the Council of 3 June 1971 determining the rules applicable to periods, dates and time-limits (OJ L 124, 8/6/1971, p. 1).

not agree, it must formally notify its disagreement within the same deadline. The deadline may be extended, if necessary for the assessment of the request. If no notification is received within the deadline, the request is considered to have been rejected.

An amendment **enters into force** on the day of the signature of the receiving party.

An amendment **takes effect** on the date of entry into force or other date specified in the amendment.

ARTICLE 40 — ACCESSION AND ADDITION OF NEW BENEFICIARIES

40.1 Accession of the beneficiaries mentioned in the Preamble

The beneficiaries which are not coordinator must accede to the grant by signing the accession form (see Annex 3) directly in the Portal Grant Preparation tool, within 30 days after the entry into force of the Agreement (see Article 44).

They will assume the rights and obligations under the Agreement with effect from the date of its entry into force (see Article 44).

If a beneficiary does not accede to the grant within the above deadline, the coordinator must — within 30 days — request an amendment (see Article 39) to terminate the beneficiary and make any changes necessary to ensure proper implementation of the action. This does not affect the granting authority's right to terminate the grant (see Article 32).

40.2 Addition of new beneficiaries

In justified cases, the beneficiaries may request the addition of a new beneficiary.

For this purpose, the coordinator must submit a request for amendment in accordance with Article 39. It must include an accession form (see Annex 3) signed by the new beneficiary directly in the Portal Amendment tool.

New beneficiaries will assume the rights and obligations under the Agreement with effect from the date of their accession specified in the accession form (see Annex 3).

Additions are also possible in mono-beneficiary grants.

ARTICLE 41 — TRANSFER OF THE AGREEMENT

In justified cases, the beneficiary of a mono-beneficiary grant may request the transfer of the grant to a new beneficiary, provided that this would not call into question the decision awarding the grant or breach the principle of equal treatment of applicants.

The beneficiary must submit a request for **amendment** (see Article 39), with

- the reasons why
- the accession form (see Annex 3) signed by the new beneficiary directly in the Portal Amendment tool and
- additional supporting documents (if required by the granting authority).

The new beneficiary will assume the rights and obligations under the Agreement with effect from the date of accession specified in the accession form (see Annex 3).

ARTICLE 42 — ASSIGNMENTS OF CLAIMS FOR PAYMENT AGAINST THE GRANTING AUTHORITY

The beneficiaries may not assign any of their claims for payment against the granting authority to any third party, except if expressly approved in writing by the granting authority on the basis of a reasoned, written request by the coordinator (on behalf of the beneficiary concerned).

If the granting authority has not accepted the assignment or if the terms of it are not observed, the assignment will have no effect on it.

In no circumstances will an assignment release the beneficiaries from their obligations towards the granting authority.

ARTICLE 43 — APPLICABLE LAW AND SETTLEMENT OF DISPUTES

43.1 Applicable law

The Agreement is governed by the applicable EU law, supplemented if necessary by the law of Belgium.

Special rules may apply for beneficiaries which are international organisations (if any; see Data Sheet, Point 5).

43.2 Dispute settlement

If a dispute concerns the interpretation, application or validity of the Agreement, the parties must bring action before the EU General Court — or, on appeal, the EU Court of Justice — under Article 272 of the Treaty on the Functioning of the EU (TFEU).

For non-EU beneficiaries (if any), such disputes must be brought before the courts of Brussels, Belgium — unless an international agreement provides for the enforceability of EU court judgements.

For beneficiaries with arbitration as special dispute settlement forum (if any; see Data Sheet, Point 5), the dispute will — in the absence of an amicable settlement — be settled in accordance with the Rules for Arbitration published on the Portal.

If a dispute concerns administrative sanctions, offsetting or an enforceable decision under Article 299 TFEU (see Articles 22 and 34), the beneficiaries must bring action before the General Court — or, on appeal, the Court of Justice — under Article 263 TFEU.

For grants where the granting authority is an EU executive agency (see Preamble), actions against offsetting and enforceable decisions must be brought against the European Commission (not against the granting authority; see also Article 22).

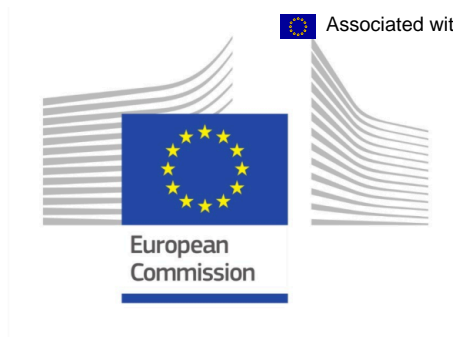
ARTICLE 44 — ENTRY INTO FORCE

The Agreement will enter into force on the day of signature by the granting authority or the coordinator, depending on which is later.

SIGNATURES

For the coordinator

For the granting authority



ANNEX 1



Connecting Europe Facility (CEF)

Description of the action (DoA)

Part A

Part B

DESCRIPTION OF THE ACTION (PART A)

COVER PAGE

Part A of the Description of the Action (DoA) must be completed directly on the Portal Grant Preparation screens.

PROJECT	
Grant Preparation (General Information screen) — Enter the info.	
Project number:	101233005
Project name:	CP1 Deployment – Synchronised Modernisation of ATM (Part 3)
Project acronym:	24-EU-TG-CLEAN ATM 3
Call:	CEF-T-2024-SIMOBGEN
Topic:	CEF-T-2024-SIMOBGEN-SESAR-CP-WORKS
Type of action:	CEF-INFRA
Service:	CINEA/B/02
Project starting date:	fixed date: 1 February 2025
Project duration:	35 months

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List of critical risks32

PROJECT SUMMARY

Project summary

Grant Preparation (General Information screen) — Provide an overall description of your project (including context and overall objectives, planned activities and main achievements, and expected results and impacts (on target groups, change procedures, capacities, innovation etc)). This summary should give readers a clear idea of what your project is about.

Use the project summary from your proposal.

The CLEAN ATM 3 project complements the two projects already funded under CEF Transport Calls 2022 and 2023 and further supports the synchronised implementation of Regulation (EU) n. 2021/116 – the Common Project 1 (CP1) – in full accordance with the provisions and timeline set in the SESAR Deployment Programme.

This project aims at kickstarting the deployment of AF6, the last Air Traffic Management (ATM) Functionality (AF) included in CP1 and including a set of technologies which are commonly acknowledged as those in most urgent need of being deployed to ensure the overall efficiency, safety, capacity and environmental sustainability of ATM in Europe.

Coordinated by the SESAR Deployment Manager, CLEAN ATM 3 regroups both airlines and Air Navigation Service Providers (ANSPs) and pushes forward the Europe-wide adoption of the Automatic Dependent Surveillance - Contract - Extended Projected Profile (ADS-C EPP), making the on-board trajectory information and data of the aircraft available to ANSPs and the Network Manager (NM), allowing Airspace Users to fly closer to optimal flight trajectory, saving significant amount of fuel and unnecessary CO2 emissions.

CLEAN ATM 3 brings together 36 operational stakeholders from 21 EU Member States and establishes a multi-stakeholder project that supports AF6 deployment in a synchronised manner, by addressing all its domains (i.e. avionics upgrade, ANSPs system upgrades, and trajectory information ground distribution), as foreseen by the CEF 2 Call 2024 text.

Due to its content, CLEAN ATM 3 possesses a pan-European dimension, as benefits will spread to passengers flying across the whole EU and even towards neighbouring states. When combined, the investments of ANSPs and airlines will secure the transition of ATM across Europe towards the highest standards of efficiency, safety, interoperability, capacity, resilience, and environmental sustainability.

LIST OF PARTICIPANTS

PARTICIPANTS

Grant Preparation (Beneficiaries screen) — Enter the info.

Number	Role	Short name	Legal name	Country	PIC
1	COO	EUROCONTROL	EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION	BE	999483733
2	BEN	ACI EUROPE	EUROPEAN REGION OF THE AIRPORTS COUNCIL INTERNATIONAL	BE	888337447
3	BEN	AIR FRANCE	AIR FRANCE SA	FR	937590070
3.1	AE	TRANSAVIA	TRANSAVIA FRANCE SAS	FR	990013914
4	BEN	AUSTRO CONTROL	AUSTRO CONTROL OSTERREICHISCHE GESELLSCHAFT FUR ZIVILLUFTFAHRT MBH	AT	998956635
5	BEN	CROATIA CONTROL	HRVATSKA KONTROLA ZRACNE PLOVIDBE DOO	HR	924128216
6	BEN	LUFTHANSA	DEUTSCHE LUFTHANSA AKTIENGESELLSCHAFT	DE	999965532
6.1	AE	SN AIRLINES	BRUSSELS AIRLINES	BE	923522936
6.2	AE	OS Airlines	AUSTRIAN AIRLINES AG	AT	875386977

PARTICIPANTS					
<i>Grant Preparation (Beneficiaries screen) — Enter the info.</i>					
Number	Role	Short name	Legal name	Country	PIC
6.3	AE	Euowings	EUROWINGS GMBH	DE	875384940
6.4	AE	EW Discover	EW DISCOVER GMBH	DE	875385522
6.5	AE	LHCityAirlines	LUFTHANSA CITY AIRLINES GMBH	DE	875252729
6.6	AE	EW Europe	Euowings Europe Limited	MT	875087635
7	BEN	DFS	DFS DEUTSCHE FLUGSICHERUNG GMBH	DE	999936820
8	BEN	DSNA	DIRECTION DES SERVICES DE LA NAVIGATION AERIENNE	FR	928673636
9	BEN	EEAG	EASYJET EUROPE AIRLINE GMBH	AT	888316786
10	BEN	ENAIRES	ENAIRES	ES	997701843
10.1	AE	CRIDA	CENTRO DE REFERENCIA INVESTIGACION DESARROLLO E INNOVACION ATM, A.I.E.	ES	997605619
11	BEN	ENAV	ENAV SPA	IT	998197513
12	BEN	HUNGAROCONTR	HUNGAROCONTROL MAGYAR LEGIFORGALMISZOLGALAT ZARTKORUEN MUKODO RESZVENYTARSASAG	HU	941767472
13	BEN	AIRNAV IRELAND	THE IRISH AIR NAVIGATION SERVICE	IE	881850281
14	BEN	LFV	LUFTFARTSVERKET	SE	942346077
15	BEN	NAV PORTUGAL	NAVEGACAO AEREA DE PORTUGAL - NAV PORTUGAL EPE	PT	955596471
16	BEN	NAVIAIR	NAVIAIR	DK	923671249
17	BEN	PANSA	POLSKA AGENCJA ZEGLUGI POWIETRZNEJ	PL	995562023
18	BEN	ROMATSA RA	ADMINISTRATIA ROMANA A SERVICIILOR DE TRAFIC AERIAN	RO	953538325
19	BEN	RYANAIR	RYANAIR DESIGNATED ACTIVITY COMPANY	IE	913857177
20	BEN	BULATSA	DARJAVNO PREDPRIYATIE RAKOVODSTVO NA VAZDUSHNOTO DVIJENIE TPP	BG	958046400
21	BEN	AEGEAN AIRLINES	AEROPORIA AIGAIUO ANONYMI AEROPORIKI ETAIREIA	EL	952277325
22	BEN	EANS	LENNULIIKLUSTEENINDUSE AS	EE	959140463
23	BEN	KLM	KONINKLIJKE LUCHTVAART MAATSCHAPPIJNV	NL	997594658
24	BEN	LPS	LETOVE PREVADZKOVE SLUZBY SLOVENSKEJ REPUBLIKY, STATNY PODNIK	SK	957126452
25	BEN	MATS	MALTA AIR TRAFFIC SERVICES LIMITED	MT	932440534
26	BEN	SAS	SCANDINAVIAN AIRLINES SYSTEM SAS CONSORTIUM	SE	973540404
27	BEN	EAT Leipzig	European Air Transport Leipzig GmbH	DE	875402594
28	AP	SKYGUIDE	SKYGUIDE, SA SUISSE POUR LES SERVICES	CH	958184334

PARTICIPANTS					
Grant Preparation (Beneficiaries screen) — Enter the info.					
Number	Role	Short name	Legal name	Country	PIC
			DE LA NAVIGATION AERIENNE CIVILS ET MILITAIRES		

LIST OF WORK PACKAGES

Work packages						
Grant Preparation (Work Packages screen) — Enter the info.						
Work Package No	Work Package name	Lead Beneficiary	Effort (Person-Months)	Start Month	End Month	Deliverables
WP1	Project Coordination	1 - EUROCONTROL	0.00	1	35	D1.1 – Guidelines for Project Execution D1.2 – Project Communication Plan D1.3 – Progress Report 1 D1.4 – Guidelines for Project Execution first update D1.5 – Guidelines for Project Execution final update D1.6 – Project Performance Report
WP2	2024_611_AF6 - Common AF6 implementation – 6.1.1	6 - LUFTHANSA	0.00	1	35	D2.1 – Modification report of two A321 LR aircraft, Aegean Airlines D2.2 – Modification report of seven A330 aircraft, EAT Leipzig D2.3 – Modification report of nine A350-900 aircraft, KLM D2.4 – Modification report of twenty-two A320NEO aircraft, KLM D2.5 – Modification report of thirty-seven A320 aircraft, Lufthansa D2.6 – Modification report of eighty-four A320 aircraft, Lufthansa D2.7 – Modification report of five A320 aircraft, OS Airlines D2.8 – Modification report of five A320 aircraft, SN Airlines D2.9 – Modification report of thirty-five A320 aircraft, Eurowings

Work packages						
Grant Preparation (Work Packages screen) — Enter the info.						
Work Package No	Work Package name	Lead Beneficiary	Effort (Person-Months)	Start Month	End Month	Deliverables
						D2.10 – Modification report of five A320 aircraft, LHCityAirlines D2.11 – Modification report of thirteen A330 aircraft, SAS D2.12 – Modification report of four E195 aircraft, SAS D2.13 – Modification report of six A350 aircraft, SAS D2.14 – Modification report thirty-seven A320 NEO aircraft, Transavia
WP3	2024_612_AF6 - Common AF6 implementation - 6.1.2	18 - ROMATSA RA	0.00	1	35	D3.1 – Concept of Operations (CONOPS) document D3.2 – Initial Concept of Operations of ADS-C/EPP in DSNA ACCs D3.3 – Factory Acceptance Test protocol/ document D3.4 – Site Acceptance Test Protocol/ document D3.5 – Site Acceptance Test report of the PEGASUS_21 upgrade
WP4	2024_631_AF6 - Common AF6 implementation – 6.3.1	18 - ROMATSA RA	0.00	1	35	D4.1 – LACS test plan document D4.2 – LACS pre-operational test results document D4.3 – ENAIRE client ADS-C Common Service parameter comparison document D4.4 – Test results report on the connection between the ANSP system and the LACS prototype or industrial solution

Work package WP1 – Project Coordination

Work Package Number	WP1	Lead Beneficiary	1 - EUROCONTROL
Work Package Name	Project Coordination		
Start Month	1	End Month	35

Objectives

Work Package 1 (WP1) aims at ensuring the efficient and effective coordination of the project to be conducted in accordance with the provisions of the GA. The specific objectives of WP1 are:

- to deliver the project objectives within the defined time and budget and with the identified resources;
- to align the project execution with the EU aviation policy-level objectives, CEF priorities and SDM mandate (according to Regulation (EU) n. 409/2013, CP1, SDP);
- to identify and mitigate any risks for the project execution and monitor the impact of the mitigation measures; to identify innovative solutions and approaches, based on industry's best practices and experiences sharing among the different partners;
- to lead efficiently the multi-stakeholder project teams.

Description

The following five main tasks are to be managed by the coordinator, with external contractors providing partial support to EUROCONTROL and ACI Europe in the execution of their tasks:

- Task 1.1 Project Coordination

The coordinator will be in charge of ensuring that the project pursues the expected objectives, ensuring that the project execution is in line with the GA provisions, relevant Regulations and, in terms of technical achievements, timing, financial and administrative requirements, providing continuous support to Implementing Partners (IPPs) throughout the whole duration of the project.

- Task 1.2 Project monitoring and reporting

The coordinator will monitor the project execution in order to ensure its implementation in accordance with the GA, through:

- Continuous monitoring: The coordinator will ensure the continuous monitoring of the project through continuous interactions with IPPs. These interactions will be managed through the Programme Management Tool: SESAR Tool for ATM Rollout (STAR). Thanks to the continuous monitoring, the coordinator is in the position to promptly detect any potential threat affecting CP1 compliance. This continuous interaction will allow the coordinator to update on a regular basis the Continuous reporting module in e-grants, updating it every time a milestone is achieved, uploading deliverables, following-up and updating critical risks, managing the dissemination and communication activities and any relevant project progress. This information will contribute to feed the progress report foreseen for this project.

- Periodic report: the coordinator will submit one Periodic Report. The technical and financial data related to the Work Packages (WPs) will be collected from IPPs during the end of the year's monitoring window. As such, IPPs must comply with the information requests to allow the elaboration of the relevant reports.

- Progress report: The coordinator will submit one intermediate technical report in order to monitor the progress of the Project, based on the information that IPPs will provide during the end of the year's monitoring window.

- Performance analysis: The coordinator estimates cost benefit analysis first according to its top-down model and later taking into consideration the interactions with the Implementing Project (IP) leaders as described in the SDP Annex D. To perform this task, SDM creates groupings of projects whose benefits are inter-related: these groupings are called "threads". The benefits of these IPs can only be assessed as a whole, at thread level, and not separately, at project level. As threads in many cases are composed of IPs belonging to different Projects, the benefits of the threads can be apportioned to specific Projects. Therefore, SDM will perform CBA/Performance analysis at thread level, providing also a view for the Project under execution.

- Quality Management: quality management process encompassing three different elements (Quality Planning; Quality Assurance and Quality Control).

- Task 1.3 Financial management (payments, checks and audits)

The coordinator will ensure the financial management of the project. Financial management includes all relevant tasks underpinning project payments, checks and audits and will be conducted by the coordinator in accordance with the GA provisions. Specifically, once received by the Agency, ensuring all appropriate payments are distributed to the other project partners without unjustified delay; establishing payment requests in accordance with the GA; supporting the requested beneficiaries in making the appropriate arrangements for providing any financial guarantees required under

the GA. The coordinator will also provide all the necessary documents in the event of checks and audits initiated before the payment of the balance.

- Task 1.4 Project information management

The coordinator will be the intermediary for the communications between the partners and CINEA. This task covers any potential adjustment / amendment of the GA. Such process will be managed by the coordinator, in cooperation with IPPs / CINEA in alignment with the GA provisions.

- Task 1.5 Communication management for stakeholders' support

The coordinator will provide project beneficiaries with communication tools to support them during the execution phase: SDM will organise events, Workshops & meetings; provide dedicated communication tools, such as SDM website; videos tutorials and webstreams; dedicated email address; Frequently Asked Questions; bimonthly Newsletter; SDM partner area; STAR (the cooperative coordination, synchronisation and monitoring tool will be the main online tool for the IPPs to interact with the coordinator for the project execution); dedicated e-mailings.

In order to carry out its work, SDIP Consortium, i.e. EUROCONTROL, as Consortium coordinator, and ACI Europe, contracted several time-based consultants.

Expected benefits of WP1:

The implementation of WP1 will contribute to an effective and efficient coordination of all partners involved and the timely and efficient delivery of all deliverables and milestones allowing the project to fully reach its objectives as defined in the GA.

Work package WP2 – 2024_611_AF6 - Common AF6 implementation – 6.1.1

Work Package Number	WP2	Lead Beneficiary	6 - LUFTHANSA
Work Package Name	2024_611_AF6 - Common AF6 implementation – 6.1.1		
Start Month	1	End Month	35

Objectives

Work Package 2 (WP2) aims at contributing to the Initial Trajectory Information Sharing (AF6 in CP1). It addresses the equipment onboard for the capability to downlink Extended Projected Profile (EPP) data via the automatic dependent surveillance - contract (ADS-C) from the aircraft, contributing to the SDM Family 6.1.1 “Initial A/G Trajectory Information Sharing (airborne)”.

The airborne implementation of ADS-C EPP functionality requires updating the Flight Management System and Communication Router to support EPP computation and downlink. EPP data accuracy can be improved by regular provision of improved flight and MET data to the flight crew ideally through digital means such as datalink.

Aegean Airlines, European Air Transport Leipzig, KLM, Lufthansa and its affiliate entities (Austrian Airlines, Brussels Airlines, EW DISCOVER GMBH, EUROWINGS GMBH, Eurowings Europe Limited and Lufthansa City Airlines GMBH), Scandinavian Airlines and Air France’s affiliated entity Transavia France, will upgrade Avionics implementing ADS-C EPP capability on existing fleets (retrofit) or order new aircraft with EPP capability (linefit), contributing to the SDP Family 6.1.1.

The specific objectives of WP2 are the following:

- To equip existing fleet with ADS-C EPP capability by upgrading Flight Management System and Communication Routers (retrofit);
- To purchase ADS-C EPP avionics and equip with this functionality new aircraft acquired during the implementation of the project.

Description

WP2 includes the following tasks:

T2.01 - WP2 Project management will be carried out by Lufthansa staff.

This task aims at ensuring effective and successful project management, including proper monitoring and reporting of activities.

T2.02 - Aegean Airlines contribution to SDP Family 6.1.1 will be carried out by subcontracting all the activities.

This task aims at linefitting two A321 LR aircraft with ADS-C/EPP functionality by upgrading to FANS C/4D avionics system.

T2.03 - EAT Leipzig contribution to SDP Family 6.1.1 will be carried out by subcontracting all the activities.

This task aims at retrofitting seven A330 aircraft with ADS-C/EPP functionality by upgrading to FANS C/4D avionics system, including:

- Communication Router Hardware to A10;
- Communication Router Software to standard CLR9;
- Flight Management System (FMS) R2 (S8/T6 Thales or H3/P6 Honeywell);
- Implement prerequisites, e.g. indications system to EEIS2 S15 or L11 minimum and router FANS A+B capability.

T2.04 - KLM contribution to SDP Family 6.1.1 will be carried out by subcontracting all the activities.

This task aims at linefitting thirty-one aircraft with ADS-C EPP functionality on:

- Nine A350-900 aircraft,
- Twenty-two A320NEO aircraft.

T2.05 - Lufthansa contribution to SDP Family 6.1.1 will be carried out by Lufthansa staff and subcontracting some activities.

This task aims at:

- Linefitting thirty-seven A320 aircraft with ADS-C/EPP functionality;
- Retrofitting eighty-four A320 aircraft with ADS-C/EPP functionality. Twenty out of the eighty-four A320 aircraft will be operated under the Discover Air Operator Certificate (AOC);
- Training Lufthansa crew on the ADS-C EPP supporting product.

T2.06 – Austrian Airlines (OS Airlines) contribution to SDP Family 6.1.1 will be carried out by OS Airlines staff and subcontracting some activities.

This task aims at retrofitting five A320 aircraft with ADS-C EPP functionality and training OS Airlines crew on the ADS-C EPP supporting product.

T2.07 – Brussels Airlines (SN AIRLINES) contribution to SDP Family 6.1.1 will be carried out by subcontracting all the activities.

This task aims at retrofitting five A320 aircraft with ADS-C EPP functionality.

T2.08 - EW DISCOVER GMBH (EW Discover) contribution to SDP Family 6.1.1 will be carried out by EW Discover staff.

This task aims at training EW Discover crew on the ADS-C EPP supporting product.

T2.09 - EUROWINGS GMBH (Eurowings) contribution to SDP Family 6.1.1 will be carried out by subcontracting all activities.

This task aims at retrofitting thirty-five A320 aircraft with ADS-C EPP functionality.

T2.10 - Eurowings Europe Limited (EW Europe) contribution to SDP Family 6.1.1 will be carried out by Eurowings Europe staff.

This task aims at training Eurowings Europe crew on the ADS-C EPP supporting product.

T2.11 - Lufthansa City Airlines GMBH (LHCityAirlines) contribution to SDP Family 6.1.1 will be carried out by LHCityAirlines staff and subcontracting some activities.

This task aims at retrofitting five A320 aircraft with ADS-C EPP functionality and training LHCityAirlines crew on the ADS-C EPP supporting product.

T2.12 - SCANDINAVIAN AIRLINES SYSTEM SAS CONSORTIUM (SAS) contribution to SDP Family 6.1.1 will be carried out by SAS staff and subcontracting some activities.

This task aims at:

- Retrofitting thirteen A330 aircraft with ADS-C EPP functionality by upgrading to FANS C/4D avionics system;
- Linefitting or retrofitting four E195 with ADS-C EPP functionality, depending on the status of the delivery;
- Retrofitting six A350 aircraft with ADS-C EPP functionality.

T2.13 – Transavia France (Transavia) contribution to SDP Family 6.1.1 will be carried out by Transavia staff and subcontracting some activities.

This task aims at linefitting thirty-seven A320NEO aircraft with ADS-C EPP functionality.

WP2 is linked to WPs 3 and 4, as all of them contribute to ATM Functionality 6 “Initial Trajectory Information Sharing”

Expected benefits of WP2

The partial deployment of “Family 6.1.1 Initial A/G Trajectory Information Sharing (airborne)” will contribute to the following performance benefits:

- Flight optimisation, with the optimisation of climb and descend profiles;
- Route optimisation, with the reduction of miles flown;
- Fuel consumption reduction, with the consequent reduction of CO2 emissions;
- Reduce the traffic regulations (delays) through a more optimized network;
- Reduce the tactical interventions;
- ADS-C EPP capability will improve automation and allow ATC to optimize flight paths.

The optimization of flight vertical profile contributes to the reduction of CO2 emissions and fuel consumption.

Work package WP3 – 2024_612_AF6 - Common AF6 implementation - 6.1.2

Work Package Number	WP3	Lead Beneficiary	18 - ROMATSA RA
Work Package Name	2024_612_AF6 - Common AF6 implementation - 6.1.2		
Start Month	1	End Month	35

Objectives
<p>Work Package 3 (WP3) aims at contributing to the Initial Trajectory Information Sharing (AF6 in CP1). It addresses the upgrade of the ATC ground systems to receive and process the downlinked EPP data, display the downlinked trajectories on the Controller Working Position (CWP) and provide a warning to Air Traffic Controllers (ATCOs) in case of discrepancies between the downlinked aircraft trajectory and the ground system trajectory.</p> <p>Under WP3, DSN, PANSA and ROMATSA RA will upgrade the local systems, contributing to SDP Family 6.1.2 “Initial A/G Trajectory Information Sharing (ground)”, specifically contributing to AF6 DM1 & DM2 minimum requirements as specified in the SDP.</p> <p>The specific objectives of WP3 include:</p> <p>For DSN, delivering the initial CONOPS of the AF6 function, to complete the related specifications for the DSN En-Route ATC System (i.e. 4-Flight) through the delivery of the System Design Requirements document (version 1), to develop the resulting software and to test it in a factory test environment.</p> <p>For PANSA, developing the concepts of the possible usage of ADS-C / EPP data in the main and supporting ATC systems and to make this data available for internal processing. PEGASUS_21, current PANSA main ATC system, has an expected End of Life (EoL) in 2033. This system will be substituted by a new iSNEX system.</p> <p>This is to ensure seamless transfer to the new ATC system, the ADS-C data shall be easily accessible locally through a controlled interface. Furthermore, this type of data shall be also accessible to various analytics systems.</p> <p>PANSA specific objectives are:</p> <ul style="list-style-type: none"> - Preparing the concepts and proposals for using ADS-C data. - Developing an interface that communicates with ADS-C common service in a SWIM compliant way. - Ensuring the local storage and distributing the ADS-C data. - Implementing the interface in a test environment, processing and visualising ADS-C data (including EPP) in PEGASUS_21 ATC system, including providing the conformance monitoring functions. <p>For ROMATSA RA, enhancing the Trajectory information by using air-ground trajectory exchange. The EPP data will be processed by the ATC systems, to enable to the display of the downlinked trajectory route on the CWP and make controllers aware of any detected discrepancy between downlink trajectory and ground system computed trajectory. Within WP3, ROMATSA RA ATC system will be upgraded exclusively within the testing environment, specifically for performing the Factory Acceptance Testing (FAT) and Site Acceptance Testing (SAT) phases. The operational implementation will take place at a later stage, outside of the WP3 scope, and only after a thorough assessment and validation of the project's outcomes.</p> <p>ROMATSA RA specific objectives contribute to:</p> <ul style="list-style-type: none"> - Enable ROMATSA RA ATC Systems to support the ADS-C/EPP application, as part of the ATS-B2 services. - Enable ROMATSA RA ATC Systems to process the downlinked EPP data from the aircraft. - Enable the display of the downlinked EPP on the CWP. - Enable ROMATSA RA ATC Systems to warn controllers of discrepancies between the downlinked EPP and the ground ATC system computed trajectory.

Description
<p>WP3 includes the following tasks:</p> <p>T3.01 – WP3 Project management will be carried out by ROMATSA RA staff</p> <p>This task aims at ensuring effective and successful project management, including proper monitoring and reporting of activities.</p> <p>T3.02 - DSN contribution to SDP Family 6.1.2 will be carried out by DSN staff and subcontracting some activities.</p> <p>This task includes:</p> <ul style="list-style-type: none"> - Definition of the Initial Concept of Operations of ADS-C/EPP (AF6) in DSN ACCs. - Requirements definition for ADS-C/EPP Data integration into the ANSP Systems, i.e. delivery of the system Design

Requirement document, version 1.

- ADS-C/EPP data integration into the DSN en-Route ATC system (4-FLIGHT) demonstrated in a factory test environment.

T3.03 - PANSA contribution to SDP Family 6.1.2 will be carried out by PANSA staff and subcontracting some activities. This task includes:

- Concept and use cases definition for the use of ADS-C Data.
- ADS-C interface implementation, including software development, installation, integration and acceptance test.
- PEGASUS 21 ATC system ADS-C software development, tests, deployment, integration and personnel training in a factory test environment.

T3.04 – ROMATSA RA contribution to SDP Family 6.1.2 will be carried out by ROMATSA RA staff and subcontracting some activities.

This task includes:

- Requirement definition for ADS-C/EPP data integration in ROMATSA RA ATC system.
- Procurement Activities.
- ROMATSA RA ATC system upgrade and FAT.
- Deployment and integration of the updated ATC system and SAT in a pre-operational environment.

WP3 is linked to WPs 2 and 4, as all of them contribute to ATM Functionality 6 “Initial Trajectory Information Sharing”.

Expected benefits of WP3

The partial implementation of SDP Family 6.1.2 “Initial A/G Trajectory Information Sharing (ground)” will contribute to the following performance benefits:

- Increase safety and predictability by allowing controllers to be aware of the trajectory currently programmed in the aircraft’s FMS, by displaying it on the CWP.
- Increase safety and predictability by allowing controllers to be aware of any discrepancy between the aircraft’s EPP and the ground ATC System’s computed trajectory.
- Increase safety by allowing controllers to anticipate conflict resolution measures, by knowing beforehand each equipped aircraft’s intent.
- Reduce CO2 emissions’ and increase efficiency by accommodating, whenever possible, the aircraft’s optimal route, thus reducing the flight’s path and/or fuel consumption.
- Increase capacity whilst maintaining safety, by means of an increase in awareness of the current and short timeframe future occupancy of the sectors.
- Reduce workload on Voice communication between controllers and pilots.
- Improve digitalisation and automation by the integration of the downlinked EPP directly into the controller’s CWP.

Work package WP4 – 2024_631_AF6 - Common AF6 implementation – 6.3.1

Work Package Number	WP4	Lead Beneficiary	18 - ROMATSA RA
Work Package Name	2024_631_AF6 - Common AF6 implementation – 6.3.1		
Start Month	1	End Month	35

Objectives

Work Package 4 (WP4) aims at supporting the Initial Trajectory Information Sharing (AF6 in CP1). It partially addresses SDM Family 6.3.1, "Initial Trajectory Information Sharing – Ground Distribution", which involves setting up ADS-C contracts with equipped aircraft, managing the downlinked trajectory information (ADS-EPP) on the ground, and distributing this trajectory data to other ATS Units.

The current work package focuses on the pre-operational implementation and deployment of SDM Family 6.3.1, contributing to the Deployment Milestones DM01, DM02 and DM03 of the SESAR Deployment Programme.

The specific objectives of WP4 are:

- To pre-operationally implement and establish a Common European ADS-C Service, which provides a common logon service (enabling a single connection between an aircraft and the ground), establishes ADS-C contracts with relevant aircraft and distributes the downlinked ADS-C EPP information to various ANSPs (ATS Units) and the Network Manager. The ANSPs mandated to implement AF6 have grouped together to procure and deploy this Service, hereafter referred to as the Logon and ADS-C Common Service (LACS). This is part of the activities DM01 and DM02.
- To upgrade the ground infrastructure of each ANSP to enable pre-operational connection to LACS prototype or

industrial solution, and to handle the distributed trajectory information via the defined ground-ground SWIM interfaces. This is represented by the activities related to activity DM03.

Description

The ADS-C common service is scaled for all European ANSPs. The present WP covers the deployment associated to:

- French UIR airspace above FL285 - DSNA
- Estonian FIR airspace - EANS
- LECM and LECB airspace above FL285. GCCC in the area defined by the lateral limits of TMA CANARIAS to the north of 26N parallel and to the east of 19W
- Meridian, from FL285, as defined in AIP GEN 3.4-1 - ENAIRE and its affiliated company CRIDA
- Slovak Republic airspace above FL 285 - LPS
- Malta airspace - MATS
- The airspace of FIR Warszawa (EPWW) - PANSA
- FIR Bucharest providing air traffic services within Romania airspace – ROMATSA RA

WP4 tasks are aligned within all participants, as each task per beneficiary includes the following common activities:

- DM01 “Ground distribution Architecture definition”.

The ground distribution architecture must meet the AF6 regulatory provisions and the required performance levels, as defined in the applicable standards and contracted service levels. The architecture will include the initial trajectory information sharing ground distribution between the LACS and the ANSPs systems.

- DM02 “Ground infrastructure deployment”.

Following the architecture defined in DM01, the LACS ground infrastructure will be developed and tested for the provision of trajectory information sharing (ATN connectivity, ATN air ground CM application for logon information, ATN air-ground ADS-C application for trajectory downlinking and ground-ground SWIM interfaces for data information distribution). The LACS will be deployed as pre-operational platform to allow potential users to perform interoperability testing.

- In addition, every participant will carry out activities that contribute to DM03 "ATS system connected to Ground distribution architecture" as specified in each of the tasks below.

WP4 includes the following tasks:

T4.01 – WP4 Project management will be carried out by ROMATSA RA staff

This task aims at ensuring effective and successful project management, including proper monitoring and reporting of activities.

T4.02 - DSNA contribution to SDP Family 6.3.1 will be carried out by subcontracting all activities.

This task includes:

- DM01 “Ground distribution Architecture definition”.
- DM02 “Ground infrastructure deployment”.
- DM03 “ATS system connected to Ground distribution architecture”. Following the architecture defined in DM01, DSNA will develop and deploy pre-operational ATS systems to connect to the LACS pre-operational platform. Test and connection plans will be developed for the receipt of trajectory information (ADS-C/EPP) over SWIM. DSNA pre-operational ATS systems will be tested with the LACS.

T4.03 - EANS contribution to SDP Family 6.3.1 will be carried out by EANS staff and subcontracting some activities.

This task includes:

- DM01 “Ground distribution Architecture definition”.
- DM02 “Ground infrastructure deployment”.
- DM03 “ATS system connected to Ground distribution architecture”. Following the architecture defined in DM01, EANS will develop and deploy pre-operational ATS systems to connect to the LACS pre-operational platform. Test and connection plans will be developed for the receipt of trajectory information (ADS-C/EPP) over SWIM. EANS pre-operational ATS systems will be tested with the LACS.

T4.04 - ENAIRE contribution to SDP Family 6.3.1 will be carried out by ENAIRE and CRIDA staff and subcontracting some activities.

This task includes:

- DM01 “Ground distribution Architecture definition”.
- DM02 “Ground infrastructure deployment”.
- DM03 “ATS system connected to Ground distribution architecture”. Following the architecture defined in DM01, ENAIRE and CRIDA will develop and deploy pre-operational ATS systems to connect to the LACS pre-operational platform. Test and connection plans will be developed for the receipt of trajectory information (ADS- C/EPP) over

SWIM. CRIDA will evolve the client prototype developed within the CEF funded DSD HERON to be able to execute new services from the ADS-C CS. The information received will be analysed and compared against information from the prototype subcontracted by ENAIRE and operational information from other sources (e.g. radar track). Specific parameters will be agreed with ENAIRE at the beginning of the tasks. ENAIRE pre-operational ATS systems will be tested with the LACS.

T4.05 - LPS contribution to SDP Family 6.3.1 will be carried out by LPS staff and subcontracting some activities. This task includes:

- DM01 “Ground distribution Architecture definition”.
- DM02 “Ground infrastructure deployment”.
- DM03 “ATS system connected to Ground distribution architecture”. Following the architecture defined in DM01, LPS will develop and deploy pre-operational ATS systems to connect to the LACS pre-operational platform. Test and connection plans will be developed for the receipt of trajectory information (ADS-C/EPP) over SWIM. LPS pre-operational ATS systems will be tested with the LACS.

T4.06 - MATS contribution to SDP Family 6.3.1 will be carried out by MATS staff and subcontracting some activities. This task includes:

- DM01 “Ground distribution Architecture definition”.
- DM02 “Ground infrastructure deployment”.
- DM03 “ATS system connected to Ground distribution architecture”. Following the architecture defined in DM01, MATS will develop and deploy pre-operational ATS systems to connect to the LACS pre-operational platform. Test and connection plans will be developed for the receipt of trajectory information (ADS-C/EPP) over SWIM. MATS pre-operational ATS systems will be tested with the LACS.

T4.07 - PANSA contribution to SDP Family 6.3.1 will be carried out by PANSA staff and subcontracting some activities. This task includes:

- DM01 “Ground distribution Architecture definition”.
- DM02 “Ground infrastructure deployment”.
- DM03 “ATS system connected to Ground distribution architecture”. Following the architecture defined in DM01, PANSA will develop and deploy pre-operational ATS systems to connect to the LACS pre-operational platform. Test and connection plans will be developed for the receipt of trajectory information (ADS-C/EPP) over SWIM. PANSA pre-operational ATS systems will be tested with the LACS. An interface to communicate with ADS-C common service in SWIM compliant way will be implemented within the WP3.

T4.08 – ROMATSA RA contribution to SDP Family 6.3.1 will be carried out by ROMATSA RA staff and subcontracting some activities.

This task includes:

- DM01 “Ground distribution Architecture definition”.
- DM02 “Ground infrastructure deployment”.
- DM03 “ATS system connected to Ground distribution architecture”. Following the architecture defined in DM1, ROMATSA RA will develop and deploy pre-operational ATS systems to connect to the LACS pre-operational platform. Alternative connection will be also upgraded to support ADS-C. Test and connection plans will be developed for the receipt of trajectory information. The following activities will be included:
 - Management Activities (local).
 - Technical requirements definition.
 - Procurement activities (Common service interface, ATN GGR).
 - Infrastructure deployment for usage of ADS-C Service.
 - ROMATSA RA pre-operational connection testing for both ADS-C Common Service and alternative ADS-C Datalink Service.

This WP4 is linked to WPs 2 and 3 as all of them contribute to ATM Functionality 6 “Initial Trajectory Information Sharing”.

Expected benefits of WP4:

The implementation of WP4 will contribute to:

- Develop a common service supporting the immediate and efficient ADS-C contract management and minimises fragmentation. This approach minimises the impact on the air-ground communication infrastructure, and improves the deployment of Initial Trajectory Information Sharing ground distribution required by CP1 AF6.
- Harmonise Ground by using SWIM service interfaces based on modern IT standards.
- Increase cost efficiency through a common procurement initiative.
- Improve efficiency by reducing ATN air-ground network load and use of radio spectrum.
- Reduce the workload by improving processes’ automation.

STAFF EFFORT

Staff effort per participant <i>Grant Preparation (Work packages - Effort screen) — Enter the info.</i>					
Participant	WP1	WP2	WP3	WP4	Total Person-Months
Total Person-Months	0.00	0.00	0.00	0.00	0.00

LIST OF DELIVERABLES

Deliverables <i>Grant Preparation (Deliverables screen) — Enter the info.</i> <i>The labels used mean:</i> <i>Public — fully open (🚩 automatically posted online)</i> <i>Sensitive — limited under the conditions of the Grant Agreement</i> <i>EU classified —RESTREINT-UE/EU-RESTRICTED, CONFIDENTIEL-UE/EU-CONFIDENTIAL, SECRET-UE/EU-SECRET under Decision 2015/444</i>						
Deliverable No	Deliverable Name	Work Package No	Lead Beneficiary	Type	Dissemination Level	Due Date (month)
D1.1	Guidelines for Project Execution	WP1	1 - EUROCONTROL	R — Document, report	SEN - Sensitive	11
D1.2	Project Communication Plan	WP1	1 - EUROCONTROL	R — Document, report	SEN - Sensitive	11
D1.3	Progress Report 1	WP1	1 - EUROCONTROL	R — Document, report	SEN - Sensitive	14
D1.4	Guidelines for Project Execution first update	WP1	1 - EUROCONTROL	R — Document, report	SEN - Sensitive	23
D1.5	Guidelines for Project Execution final update	WP1	1 - EUROCONTROL	R — Document, report	SEN - Sensitive	35
D1.6	Project Performance Report	WP1	1 - EUROCONTROL	R — Document, report	SEN - Sensitive	35
D2.1	Modification report of two A321 LR aircraft, Aegean Airlines	WP2	21 - AEGEAN AIRLINES	R — Document, report	SEN - Sensitive	35
D2.2	Modification report of seven A330 aircraft, EAT Leipzig	WP2	27 - EAT Leipzig	R — Document, report	SEN - Sensitive	35
D2.3	Modification report of nine A350-900 aircraft, KLM	WP2	23 - KLM	R — Document, report	SEN - Sensitive	35
D2.4	Modification report of twenty-two A320NEO aircraft, KLM	WP2	23 - KLM	R — Document, report	SEN - Sensitive	35
D2.5	Modification report of thirty-seven A320 aircraft, Lufthansa	WP2	6 - LUFTHANSA	R — Document, report	SEN - Sensitive	35

Deliverables

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Deliverable No	Deliverable Name	Work Package No	Lead Beneficiary	Type	Dissemination Level	Due Date (month)
D2.6	Modification report of eighty-four A320 aircraft, Lufthansa	WP2	6 - LUFTHANSA	R — Document, report	SEN - Sensitive	35
D2.7	Modification report of five A320 aircraft, OS Airlines	WP2	6.2 - OS Airlines	R — Document, report	SEN - Sensitive	35
D2.8	Modification report of five A320 aircraft, SN Airlines	WP2	6.1 - SN AIRLINES	R — Document, report	SEN - Sensitive	35
D2.9	Modification report of thirty-five A320 aircraft, Eurowings	WP2	6.3 - Eurowings	R — Document, report	SEN - Sensitive	35
D2.10	Modification report of five A320 aircraft, LHCityAirlines	WP2	6.5 - LHCityAirlines	R — Document, report	SEN - Sensitive	35
D2.11	Modification report of thirteen A330 aircraft, SAS	WP2	26 - SAS	R — Document, report	SEN - Sensitive	35
D2.12	Modification report of four E195 aircraft, SAS	WP2	26 - SAS	R — Document, report	SEN - Sensitive	35
D2.13	Modification report of six A350 aircraft, SAS	WP2	26 - SAS	R — Document, report	SEN - Sensitive	35
D2.14	Modification report thirty-seven A320 NEO aircraft, Transavia	WP2	3.1 - TRANSAVIA	R — Document, report	SEN - Sensitive	35
D3.1	Concept of Operations (CONOPS) document	WP3	17 - PANSA	R — Document, report	SEN - Sensitive	19

Deliverables

Grant Preparation (Deliverables screen) — Enter the info.

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Deliverable No	Deliverable Name	Work Package No	Lead Beneficiary	Type	Dissemination Level	Due Date (month)
D3.2	Initial Concept of Operations of ADS-C/EPP in DSNA ACCs	WP3	8 - DSNA	R — Document, report	SEN - Sensitive	29
D3.3	Factory Acceptance Test protocol/document	WP3	8 - DSNA	R — Document, report	SEN - Sensitive	33
D3.4	Site Acceptance Test Protocol/document	WP3	18 - ROMATSA RA	R — Document, report	SEN - Sensitive	35
D3.5	Site Acceptance Test report of the PEGASUS_21 upgrade	WP3	17 - PANSA	R — Document, report	SEN - Sensitive	35
D4.1	LACS test plan document	WP4	18 - ROMATSA RA	R — Document, report	SEN - Sensitive	24
D4.2	LACS pre-operational test results document	WP4	18 - ROMATSA RA	R — Document, report	SEN - Sensitive	33
D4.3	ENAIRE client ADS-C Common Service parameter comparison document	WP4	10.1 - CRIDA	R — Document, report	SEN - Sensitive	33
D4.4	Test results report on the connection between the ANSP system and the LACS prototype or industrial solution	WP4	18 - ROMATSA RA	R — Document, report	SEN - Sensitive	35

Deliverable D1.1 – Guidelines for Project Execution

Deliverable Number	D1.1	Lead Beneficiary	1 - EUROCONTROL
Deliverable Name	Guidelines for Project Execution		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	11	Work Package No	WP1

Description
Guidelines published to properly support IPPs during the whole Project Execution phase and the relevant processes

Deliverable D1.2 – Project Communication Plan

Deliverable Number	D1.2	Lead Beneficiary	1 - EUROCONTROL
Deliverable Name	Project Communication Plan		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	11	Work Package No	WP1

Description
Plan explaining the SDM communication strategy for the project and the different communication tools to be used

Deliverable D1.3 – Progress Report 1

Deliverable Number	D1.3	Lead Beneficiary	1 - EUROCONTROL
Deliverable Name	Progress Report 1		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	14	Work Package No	WP1

Description
Technical report on the update of the project progress for the first fourteen months of implementation

Deliverable D1.4 – Guidelines for Project Execution first update

Deliverable Number	D1.4	Lead Beneficiary	1 - EUROCONTROL
Deliverable Name	Guidelines for Project Execution first update		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	23	Work Package No	WP1

Description
First update of Guidelines published to properly support IPPs during the whole Project Execution phase and the relevant processes

Deliverable D1.5 – Guidelines for Project Execution final update

Deliverable Number	D1.5	Lead Beneficiary	1 - EUROCONTROL
Deliverable Name	Guidelines for Project Execution final update		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	35	Work Package No	WP1

Description
Last update of Guidelines published to properly support IPPs during the whole Project Execution phase and the relevant processes

Deliverable D1.6 – Project Performance Report

Deliverable Number	D1.6	Lead Beneficiary	1 - EUROCONTROL
Deliverable Name	Project Performance Report		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	35	Work Package No	WP1

Description
Report on benefits from the Project implementation

Deliverable D2.1 – Modification report of two A321 LR aircraft, Aegean Airlines

Deliverable Number	D2.1	Lead Beneficiary	21 - AEGEAN AIRLINES
Deliverable Name	Modification report of two A321 LR aircraft, Aegean Airlines		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	35	Work Package No	WP2

Description
Document that confirms the linefit with ADS-C/EPP functionality of two A321 LR aircraft

Deliverable D2.2 – Modification report of seven A330 aircraft, EAT Leipzig

Deliverable Number	D2.2	Lead Beneficiary	27 - EAT Leipzig
Deliverable Name	Modification report of seven A330 aircraft, EAT Leipzig		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	35	Work Package No	WP2

Description
Document that confirms the retrofit with ADS-C/EPP functionality of seven A330 aircraft

Deliverable D2.3 – Modification report of nine A350-900 aircraft, KLM

Deliverable Number	D2.3	Lead Beneficiary	23 - KLM
Deliverable Name	Modification report of nine A350-900 aircraft, KLM		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	35	Work Package No	WP2

Description
Document that confirms the linefit with ADS-C/EPP functionality of nine A350-900 aircraft

Deliverable D2.4 – Modification report of twenty-two A320NEO aircraft, KLM

Deliverable Number	D2.4	Lead Beneficiary	23 - KLM
Deliverable Name	Modification report of twenty-two A320NEO aircraft, KLM		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	35	Work Package No	WP2

Description
Document that confirms the linefit with ADS-C/EPP functionality of twenty-two A320NEO aircraft

Deliverable D2.5 – Modification report of thirty-seven A320 aircraft, Lufthansa

Deliverable Number	D2.5	Lead Beneficiary	6 - LUFTHANSA
Deliverable Name	Modification report of thirty-seven A320 aircraft, Lufthansa		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	35	Work Package No	WP2

Description
Document that confirms the linefit with ADS-C/EPP functionality of thirty-seven A320 aircraft

Deliverable D2.6 – Modification report of eighty-four A320 aircraft, Lufthansa

Deliverable Number	D2.6	Lead Beneficiary	6 - LUFTHANSA
Deliverable Name	Modification report of eighty-four A320 aircraft, Lufthansa		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	35	Work Package No	WP2

Description
Document that confirms the retrofit with ADS-C/EPP functionality of eighty-four A320 aircraft

Deliverable D2.7 – Modification report of five A320 aircraft, OS Airlines

Deliverable Number	D2.7	Lead Beneficiary	6.2 - OS Airlines
Deliverable Name	Modification report of five A320 aircraft, OS Airlines		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	35	Work Package No	WP2

Description
Document that confirms the retrofit with ADS-C/EPP functionality of five A320 aircraft

Deliverable D2.8 – Modification report of five A320 aircraft, SN Airlines

Deliverable Number	D2.8	Lead Beneficiary	6.1 - SN AIRLINES
Deliverable Name	Modification report of five A320 aircraft, SN Airlines		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	35	Work Package No	WP2

Description
Document that confirms the retrofit with ADS-C/EPP capability of five A320 aircraft

Deliverable D2.9 – Modification report of thirty-five A320 aircraft, Eurowings

Deliverable Number	D2.9	Lead Beneficiary	6.3 - Eurowings
Deliverable Name	Modification report of thirty-five A320 aircraft, Eurowings		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	35	Work Package No	WP2

Description
Document that confirms the retrofit with ADS-C/EPP c functionality of thirty-five A320 aircraft

Deliverable D2.10 – Modification report of five A320 aircraft, LHCityAirlines

Deliverable Number	D2.10	Lead Beneficiary	6.5 - LHCityAirlines
Deliverable Name	Modification report of five A320 aircraft, LHCityAirlines		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	35	Work Package No	WP2

Description
Document that confirms the retrofit with ADS-C/EPP functionality of five A320 aircraft

Deliverable D2.11 – Modification report of thirteen A330 aircraft, SAS

Deliverable Number	D2.11	Lead Beneficiary	26 - SAS
Deliverable Name	Modification report of thirteen A330 aircraft, SAS		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	35	Work Package No	WP2

Description
Document that confirms the retrofit with ADS-C/EPP functionality of thirteen A330 aircraft

Deliverable D2.12 – Modification report of four E195 aircraft, SAS

Deliverable Number	D2.12	Lead Beneficiary	26 - SAS
Deliverable Name	Modification report of four E195 aircraft, SAS		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	35	Work Package No	WP2

Description
Document that confirms the linefit/retrofit with ADS- C/EPP functionality of four E195 aircraft

Deliverable D2.13 – Modification report of six A350 aircraft, SAS

Deliverable Number	D2.13	Lead Beneficiary	26 - SAS
Deliverable Name	Modification report of six A350 aircraft, SAS		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	35	Work Package No	WP2

Description
Document that confirms the retrofit with ADS-C/EPP functionality of six A350 aircraft

Deliverable D2.14 – Modification report thirty-seven A320 NEO aircraft, Transavia

Deliverable Number	D2.14	Lead Beneficiary	3.1 - TRANSAVIA
Deliverable Name	Modification report thirty-seven A320 NEO aircraft, Transavia		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	35	Work Package No	WP2

Description
Document that confirms the linefit with ADS- C/EPP functionality on thirty-seven A320 NEO aircraft

Deliverable D3.1 – Concept of Operations (CONOPS) document

Deliverable Number	D3.1	Lead Beneficiary	17 - PANSA
Deliverable Name	Concept of Operations (CONOPS) document		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	19	Work Package No	WP3

Description
Document that describes the Concept of Operation and the requirements' specification for using ADS-C data into PEGASUS_21 ATC system.

Deliverable D3.2 – Initial Concept of Operations of ADS-C/EPP in DSNA ACCs

Deliverable Number	D3.2	Lead Beneficiary	8 - DSNA
Deliverable Name	Initial Concept of Operations of ADS-C/EPP in DSNA ACCs		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	29	Work Package No	WP3

Description
Document that describes the initial Concept of Operation and the requirements' specification of ADS-C/EPP in DSNA ACCs

Deliverable D3.3 – Factory Acceptance Test protocol/document

Deliverable Number	D3.3	Lead Beneficiary	8 - DSNA
Deliverable Name	Factory Acceptance Test protocol/document		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	33	Work Package No	WP3

Description
Factory Acceptance results protocol/document of ADS-C/EPP Data integration into the ANSP Systems

Deliverable D3.4 – Site Acceptance Test Protocol/document

Deliverable Number	D3.4	Lead Beneficiary	18 - ROMATSA RA
Deliverable Name	Site Acceptance Test Protocol/document		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	35	Work Package No	WP3

Description
Site Acceptance Test results, in a test environment, protocol/document ADS-C/EPP data integration in ROMATSA RA ATC system

Deliverable D3.5 – Site Acceptance Test report of the PEGASUS_21 upgrade

Deliverable Number	D3.5	Lead Beneficiary	17 - PANSA
Deliverable Name	Site Acceptance Test report of the PEGASUS_21 upgrade		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	35	Work Package No	WP3

Description
Report that summarises the Site Acceptance Test results of the PEGASUS_21 upgrade in a test environment

Deliverable D4.1 – LACS test plan document

Deliverable Number	D4.1	Lead Beneficiary	18 - ROMATSA RA
Deliverable Name	LACS test plan document		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	24	Work Package No	WP4

Description
Document that contains the roadmap and details of the LACS pre-operational test

Deliverable D4.2 – LACS pre-operational test results document

Deliverable Number	D4.2	Lead Beneficiary	18 - ROMATSA RA
Deliverable Name	LACS pre-operational test results document		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	33	Work Package No	WP4

Description
Document that contains the results of the pre-operational test of the LACS

Deliverable D4.3 – ENAIRE client ADS-C Common Service parameter comparison document

Deliverable Number	D4.3	Lead Beneficiary	10.1 - CRIDA
Deliverable Name	ENAIRE client ADS-C Common Service parameter comparison document		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	33	Work Package No	WP4

Description
Document that contains the results of the ENAIRE client parameters data comparison

Deliverable D4.4 – Test results report on the connection between the ANSP system and the LACS prototype or industrial solution

Deliverable Number	D4.4	Lead Beneficiary	18 - ROMATSA RA
Deliverable Name	Test results report on the connection between the ANSP system and the LACS prototype or industrial solution		
Type	R — Document, report	Dissemination Level	SEN - Sensitive
Due Date (month)	35	Work Package No	WP4
Description			
Document that contains the result of the connection test between the local system and the LACS prototype or industrial solution by DSNA, EANS, ENAIRE, LPS, MATS, PANSa and ROMATSA RA			

LIST OF MILESTONES

Milestones					
Grant Preparation (Milestones screen) — Enter the info.					
Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date (month)
1	First Annual Meeting	WP1	1 - EUROCONTROL	Dedicated annual meeting to inform IPPs on Project progress and upcoming processes	10
2	Second Annual Meeting	WP1	1 - EUROCONTROL	Dedicated annual meeting to inform IPPs on Project progress and upcoming processes	22
3	Third Annual Meeting	WP1	1 - EUROCONTROL	Dedicated annual meeting to inform IPPs on Project progress and upcoming processes	34
4	Final decision and acceptance of purchase offer from EAT Leipzig	WP2	27 - EAT Leipzig	Purchase order confirmation	7
5	Further review, evaluation and final decision of Lufthansa Group aircraft fleets completed	WP2	6 - LUFTHANSA	Lufthansa Group fleets technical evaluation	11
6	Contract signed for SAS upgrade	WP2	26 - SAS	Contract signed	11
7	DM01 – New aircraft configuration definition - Transavia	WP2	3.1 - TRANSAVIA	Aircraft configuration definition document by Transavia	11
8	DM01 – New aircraft configuration definition - Aegean Airlines	WP2	21 - AEGEAN AIRLINES	Aircraft configuration definition document by Aegean Airlines	23
9	DM01 – New aircraft configuration definition – KLM	WP2	23 - KLM	Aircraft configuration definition document by KLM	23
10	DM01 – New aircraft configuration definition - Lufthansa	WP2	6 - LUFTHANSA	Aircraft configuration definition document by Lufthansa	23
11	DM01 – New aircraft configuration definition - SAS	WP2	26 - SAS	Aircraft configuration definition document by Scandinavian Airlines	23
12	DM02 – Prepare Training Procedures – OS Airlines	WP2	6.2 - OS Airlines	Web based training material OS Airlines	23

Milestones					
<i>Grant Preparation (Milestones screen) — Enter the info.</i>					
Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date (month)
13	DM02 – Prepare Training Procedures - EW Discover	WP2	6.4 - EW Discover	Web based training material by EW Discover	23
14	DM02 – Prepare Training Procedures – EW Europe	WP2	6.6 - EW Europe	Web based training material by EW Europe	23
15	DM02 – Prepare Training Procedures - LHCityAirlines	WP2	6.5 - LHCityAirlines	Web based training material by LHCityAirlines	23
16	Final offer by the manufacture submitted	WP2	6 - LUFTHANSA	Offer submitted for Lufthansa, OS Airlines, SN Airlines, Eurowings and LHCityAirlines	23
17	DM02 – Prepare Training Procedures	WP2	6 - LUFTHANSA	Web based training material by Lufthansa	30
18	DM03 - Training	WP2	6 - LUFTHANSA	Web based training certificate of the impacted fleets' crew for Lufthansa, OS Airlines, EW Discover, EW Europe and LHCityAirlines	34
19	DM04 – Perform A/C Acceptance Process & Obtain operational Approval	WP2	6 - LUFTHANSA	Acceptance test result and operational approval received from the competent authority by Aegean Airlines, KLM, Lufthansa, SAS and Transavia	35
20	Operational approval received	WP2	6 - LUFTHANSA	Document that shows the approval received from the competent authority by EAT Leipzig, OS Airlines, SN Airlines, Discover Airlines, Eurowings, EW Europe and LHCityAirlines	35
21	Call for Tender for 4-FLIGHT ATC system new version, including ADS-C/EPP function, launched	WP3	8 - DSN	Tender notice published for 4-FLIGHT ATC system new version, including ADS-C/EPP function	9
22	DM01 - Description of common requirements for ADS-C/EPP Data integration into ANSP systems - ROMATSA RA	WP3	18 - ROMATSA RA	System requirements document elaborated by ROMATSA RA	11

Milestones					
Grant Preparation (Milestones screen) — Enter the info.					
Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date (month)
23	Call for Tender launched for ROMATSA RA systems upgrade	WP3	18 - ROMATSA RA	ROMATSA RA ATC systems upgrade Tender notice published	12
24	Procurement procedure ends for 4-FLIGHT ATC system new version, including ADS-C/EPP function	WP3	8 - DSNA	Contract signed for 4-FLIGHT ATC system new version, including ADS-C/EPP function	14
25	Procurement procedure ends for ROMATSA RA ATC system upgrade	WP3	18 - ROMATSA RA	Contract signed for the ROMATSA RA ATC system upgrade	16
26	Concepts and use cases and for ADS-C data defined	WP3	17 - PANSA	Concepts and use cases document elaborated	19
27	Call for Tender launched for PEGASUS_21 ADS-C upgrade	WP3	17 - PANSA	PEGASUS_21 ADS-C upgrade Tender notice published	20
28	Procurement procedure ends for PEGASUS_21 ADS-C upgrade	WP3	17 - PANSA	Contract signed for PEGASUS_21 ADS-C upgrade	23
29	DM01 - Description of common requirements for ADS-C/EPP Data integration into ANSP systems - PANSA	WP3	17 - PANSA	System requirements document elaborated by PANSA	23
30	DM01 - Description of common requirements for ADS-C/EPP Data integration into ANSP systems - DSNA	WP3	8 - DSNA	System requirements document elaborated by DSNA	30
31	Training on the upgraded system completed	WP3	17 - PANSA	Training certificate by PANSA	35
32	DM02 - Complete ANSP system development - DSNA	WP3	8 - DSNA	Initial DSNA System deployment in a test environment report	35
33	DM02 - Complete ANSP system development - PANSA	WP3	17 - PANSA	System deployment, in a test environment, report	35

Milestones					
Grant Preparation (Milestones screen) — Enter the info.					
Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date (month)
34	DM02 - Complete ANSP system development - ROMATSA RA	WP3	18 - ROMATSA RA	System deployment, in a test environment, report	35
35	Engineering third party support to ENAIRE, contract signed (2026 and 2027)	WP4	10 - ENAIRE	Engineering third party support to ENAIRE, contract signed	6
36	Call for Tender launched for DSNA DM03 subcontracting activities	WP4	8 - DSNA	DSNA tender notice published	9
37	Procurement procedure ends for DSNA DM03 subcontracting activities	WP4	8 - DSNA	DSNA contract signed	14
38	Call for tender launched for the LACS	WP4	18 - ROMATSA RA	LACS tender notice published (all participant ANSPs)	20
39	Call for Tender launched for EANS DM03 subcontracting activities	WP4	22 - EANS	EANS tender notice published	20
40	Call for Tender launched for MATS DM03 subcontracting activities	WP4	25 - MATS	MATS tender notice published	20
41	Procurement procedure ends for EANS DM03 subcontracting activities	WP4	22 - EANS	EANS system upgrade contract signed	22
42	Procurement procedure ends for LACS	WP4	18 - ROMATSA RA	LACS Contract signed (all participant ANSPs)	23
43	DM01 – Ground Distribution Architecture Definition	WP4	18 - ROMATSA RA	Ground LACS Architecture Definition document elaborated by the provider	23
44	Call for Tender launched for ROMATSA RA DM03 subcontracting activities	WP4	18 - ROMATSA RA	ROMATSA RA tender notice published	23
45	Procurement procedure ends for MATS DM03 subcontracting activities	WP4	25 - MATS	MATS system upgrade contract signed	26
46	Parameters definition completed	WP4	10.1 - CRIDA	Parameters list	27

Milestones					
<i>Grant Preparation (Milestones screen) — Enter the info.</i>					
Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date (month)
47	Procurement procedure ends for ROMATSA RA DM03 subcontracting activities	WP4	18 - ROMATSA RA	Contract signed	28
48	DM02 - Ground infrastructure deployment	WP4	18 - ROMATSA RA	Software Acceptance Protocol elaborated by the LACS provider for all ANSPs participating	33
49	Engineering third party support to ENAIRE, contract ended (2025, 2026 and 2027)	WP4	10 - ENAIRE	Service completion certificate for Engineering third party support to ENAIRE	35
50	DM03 - ATS Units systems connected to ground distribution infrastructure - ROMATSA RA	WP4	18 - ROMATSA RA	Test results document of the local connection between the LACS prototype or industrial solution and ROMATSA RA system	35
51	DM03 - ATS Units systems connected to ground distribution infrastructure – DSNA	WP4	8 - DSNA	Test results document of the local connection between the LACS prototype or industrial solution and DSNA system	35
52	DM03 - ATS Units systems connected to ground distribution infrastructure - EANS	WP4	22 - EANS	Test results document of the local connection between the LACS prototype or industrial solution and EANS system	35
53	DM03 - ATS Units systems connected to ground distribution infrastructure - ENAIRE	WP4	10 - ENAIRE	Test results document of the local connection between the LACS prototype or industrial solution and ENAIRE system	35
54	DM03 - ATS Units systems connected to ground distribution infrastructure - LPS	WP4	24 - LPS	Test results document of the local connection between the prototype or industrial solution LACS and LPS system	35
55	DM03 - ATS Units systems connected to ground distribution infrastructure - MATS	WP4	25 - MATS	Test results document of the local connection between the prototype or industrial solution LACS and MATS system	35
56	DM03 - ATS Units systems connected to ground distribution infrastructure - PANSA	WP4	17 - PANSA	Test results document of the local connection between the LACS prototype or industrial solution and PANSA system	35

LIST OF CRITICAL RISKS

Critical risks & risk management strategy			
Grant Preparation (Critical Risks screen) — Enter the info.			
Risk number	Description	Work Package No(s)	Proposed Mitigation Measures
1	Complexity in the collection of requested data for the contractual reporting to CINEA. Risk impact: medium. Risk likelihood: low	WP1	SDM to use its structured methodology to ensure full coordination of end-to-end monitoring of the project.
2	WPs misalignment and delays compared to the overall planning. Risk impact: medium Risk likelihood: low	WP1	SDM to continuously monitor the evolution of each WP and periodically collect technical and financial data from all beneficiaries (at WP level).
3	Delays in the implementation due to lack of resources (human/financial). Risk impact: medium. Risk likelihood: medium	WP2, WP4, WP3	Enhance top management's understanding and commitment to the work package by ensuring the availability of necessary resources. Explore the option of reallocating resources from different services to meet the planned schedule. Conduct regular budget and cost monitoring and proactively identify alternative financing options.
4	Delays on the aircraft delivery. Risk impact: medium. Risk likelihood: medium	WP2	Early contact and negotiation with manufacturer, ensure all necessary inspection and approval are planned in the roadmap, add some buffer time, include penalty clauses in the contract.
5	Delays on the equipment delivery, including late ADS-C/EPP product availability. Risk impact: medium. Risk likelihood: medium	WP2, WP4, WP3	Close coordination with the manufactures/vendors. Hold regular meetings with vendors to ensure a clear understanding of requirements and procurement milestones.
6	Delays due to test failures, data interpretation errors and/or integration issues. Risk impact: medium. Risk likelihood: medium	WP4, WP3	Elaborate a conformance testing protocol, integrate automated data validation filters, build a comprehensive set of representative use cases.
7	Delay in the LACS contract publication or/and signature. Risk impact: medium. Risk likelihood: medium	WP4	Elaborate a detailed roadmap with some buffer time, plan parallel activities, start in advance the activities not directly linked to the contract to avoid external delays, keep a close monitor of the process. Use a LACS prototype for the testing with the connection with the ANSPs local system.



ANNEX 1

Connecting Europe Facility (CEF)

Description of the action (DoA)

Part B

Version 1.0
01 September 2021

DESCRIPTION OF THE ACTION (PART B)

PROJECT DESCRIPTION

Overall Objectives

The CLEAN ATM 3 project aims to contribute, accelerate and foster the timely adoption of Common Project One (CP1) (identified as the global project / project of common interest to which this project refers), in full alignment with the deployment approach included in the SESAR Deployment Programme (SDP) 2022, as approved by the EU College of Commissioners on 12/08/2022.

CP1 – as defined by Regulation (EU) n. 2021/116 – includes a set of functionalities and technologies that shall be mandatorily implemented by operational stakeholders throughout Europe. The SDP represents a dedicated workplan that complements the Regulation identifying the most suitable approach that stakeholders should follow in the implementation of such technologies.

In order to support the adoption of CP1, the CLEAN ATM 3 project includes one multistakeholder Implementation Project (IP) prepared, agreed, built and synchronised by 36 EU operational stakeholders, under the direct coordination of the SDM. This project specifically aims to address ATM Functionality (AF) 6 and to support the deployment of all its families:

- 6.1.1–InitialA/GTrajectory Information Sharing (airborne)
- 6.1.2–InitialA/GTrajectory Information Sharing (ground)
- 6.3.1–InitialA/GTrajectory Information Sharing Ground Distribution

The implementation of the Families above supports a decisive progress in the implementation of CP1, as it supports for the first time the wide-scale deployment of the last AF included in the Regulation. It also helps contributing to the implementation of three key SESAR solutions (#115, “Extended projected profile (EPP) availability on ground”, PJ.31 “Initial Trajectory Information Sharing” and PJ.38 “ADSCENSIO “ADS-C Enables and Supports Improved ATM Operations”), an additional step forward in translating SESAR R&D activities into an operational reality.

In total, the project is expected to support the deployment of Initial Trajectory Information Sharing (AF6) into 14 EU Member States, totalling around 68% of the EU air traffic volumes: based on the geographical location of such countries, most of the intra and extra-European traffic flows are also expected to highly benefit from the project. Moreover, the engagement of 12 of the major airlines in the project is set to have an indirect positive effect on operations across the Union and even beyond, as the 271 aircraft set to equip with AF6 capabilities via this project would operate for the coming decades across the whole ATM network, and even beyond its boundaries.

General description and context

The AF6-related project is inscribed in the wider framework of CP1, which is in turn one of the most critical enablers for the success of the SESAR project, the technological programme launched by the EC in 2004 to defragment and increase the efficiency and sustainability of ATM operations throughout the European airspace.

CP1, as the SDP in general, targets the implementation of a safer, more effective, resilient, secure, cost-efficient, and especially environmentally sustainable ATM system and infrastructure in Europe. In line with the objectives of the TEN-T framework, it aims at upgrading and modernising the existing systems to “promote an efficient use” of the aviation infrastructure and addresses the “establishment and operation of sustainable and efficient transport services”.

CP1 accelerated implementation is a crucial political and operational priority for both the EU and for all Aviation stakeholders. Kickstarting the deployment of its last AF (Initial Trajectory Information Sharing), the ATM sector would get significantly closer to its overall objectives of operational efficiency, capacity, safety, and environmental sustainability. Particularly, CP1 and AF6 deployment still represent the most critical short-to-medium term tool for Aviation to reduce the CO2 emitted by air transport and as such contribute to its overall decarbonisation objectives.

By making the on-board trajectory information and data of the aircraft available to ANSPs and the Network Manager (NM), CLEAN ATM 3 is set to enable Airspace Users (AUs) to fly closer to their optimal flight trajectory, as well as to benefit from additional airspace capacity (with no detrimental effect on safety). This will allow them to save significant amounts of fuel whenever they are travelling across the European airspace or between European airports.

The use of Initial Trajectory Information Sharing will avoid unnecessary tactical interventions (and the resulting manoeuvres to resolve potential conflicts) and operational constraints to flight trajectories: this would translate in earlier climbs to optimal flight levels, avoidance of early descents that require increased fuel consumption,

as well as the overall reduction of track miles flown (thanks to ATC shortcuts).

The project – which will support the deployment of AF6 in a synchronised manner across all Europe – is considered the ultimate enabler to accelerate CP1 deployment without unnecessary delays or slowdowns, allowing the Aviation sector to fast-track its transition to greener, safer, and more efficient operations in the short-term.

Location

Building on the same approach applied by SDM since 2015, the project possesses a unique and unmatched pan-European dimension, as the technologies will be deployed across the whole European ATM Network, hence covering the whole EU airspace, as well as its major airports and hubs. This unparalleled cross-border dimension is corroborated by the following elements:

- the 36 organisations participating to the project are located across 20 EU Member States and Switzerland. All combined, these countries represent over 85% of the EU geographical scope, as well over 90% of the EU population, as well as more than 95% of the air traffic volumes operated in Europe;
- the AF6 project will directly – or indirectly – affect all EU Member States (MSs), as well as the countries within the full scope of the European ATM Network, as they would benefit from a better performing execution of the Network functions and from more efficient performances of the aircraft equipped as part of the project, whose destinations are located throughout the whole Europe (and beyond). A better management of flights across the Network would therefore support a smoother, safer and more sustainable aviation industry across all 27 EU MSs, as well as into additional 15 neighbouring countries, including States candidate for the accession to the Union (Albania, Armenia, Austria, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Republic of Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Georgia, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Kosovo, Malta, Republic of Moldova, Montenegro, Netherlands, Norway, North Macedonia, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye, Ukraine, United Kingdom, Israel, Morocco).

Justification

The timely implementation of the three key SDP families would help to tackle some of the existing urgent operational needs of the European ATM Network, briefly summarized below:

- the 2022-2024 recovery of air traffic volumes to the pre-pandemic level, as combined with the long-term expected increase of air traffic demand, is already producing a higher congestion in the European skies, especially during summer peak periods: significant delays and operational inefficiencies have heavily affected the ATM operations in 2023-2024 and are expected to repeat in the immediate future without swift measures. The use of Initial Trajectory Information Sharing has been estimated to enable capacity increases in both en-route and TMA airspace (around 2.72% at ECAC level and up to 8.9% in medium density ACCs), and as such it has the potential to critically mitigate delays;
- the increasing focus on the environmental sustainability of aviation, and the need to decarbonise the transport industry as a whole, requires the adoption of technologies and concepts that are able to reduce the CO2 emissions produced by the air transport industry. AF6 – as supported by the present project – is one of the key contributors to decarbonisation, as it is poised to enable savings for up to 2.7 mln tonnes of CO2 in the ECAC area between 2027 and 2040: this is the equivalent of around 30 kg of CO2 per average flight, a value that can pile up to 1200 kg of CO2 saved for individual wide-body aircraft flying into very congested areas and avoiding military-area re-routings;
- there is an emerging need to secure additional efficiency to daily ATM operations throughout the EU airspace as a way to foster the competitiveness of the European Aviation industry at global scale. Bringing down the cost of operations would directly benefit the whole ATM community, with positive repercussions also on passengers flying across Europe. On this note, the adoption of AF6 is set to improve predictability and support a smoother management of aircraft trajectory, thus requiring less tactical interventions (such as de-conflicting measures, ad hoc changes to trajectories, etc.) from ATCOs. This will reflect into greater ANSP and ATCOs productivity, estimated to reach a +2.86% in European ACCs. A growth in ATCOs productivity is translated into a reduction of ATCO-hours required to manage the same amount of flights, hence leading to a reduction in ANS staffing cost and in turn of the air navigation charges.
- last but not least, Initial Trajectory Information Sharing also contributes to safety, by showing the new calculated EPP-based trajectory to the ATCOs in their control working positions (CWP) and displaying warnings in case of hazards, contributing significantly with the conformance monitoring. This is particularly critical in the context of high-speed growth of traffic within already congested and complex airspaces.

Specific objectives

The implementation of the elements reported above will be pursued by a synchronised approach, with SDM

supporting operational stakeholders into coordinating and aligning their investments included into this overarching AF6 project. The deployment of such functionality is defined by the SDP and will be implemented as a comprehensive package to ensure synchronisation between different organisations and accelerate the associated benefits.

All elements included in the project are tightly connected and inter-related, as only their combined adoption would help to unleash the efficiency and decarbonisation potential of AF6. The specific objectives of the IPs are summarized as follows:

- with regards to the airborne domain (i.e., WP2- Family 6.1.1 of the SDP), the project will secure “avionics upgrade” (in compliance with the requirements of the Call) on 271 aircraft, as operated by 12 major European airlines (Aegean Airlines, Austrian Airlines, Brussels Airlines, Discover Airlines, EAT Leipzig, Eurowings, Eurowings Europe, KLM, Lufthansa, Lufthansa City Airlines, Scandinavian Airlines and Transavia France). All those airlines will also update their Flight Management Systems and Communication Routers, so that the Extended Projected Profile can be computed and effectively downlink to the ground;

- with regards to the ground systems domain (i.e., WP 3 - Family 6.1.2 of the SDP), the project includes “local systems upgrade and data integration” for DSNA, PANSA and ROMATSA. These major ANSPs will commence and carry out the enhancement of their ATM and Flight Data Processing systems, reaching critical milestones identified in the SDP and defined as minimum requirements in the CEF Call text, namely to receive and process the EPP data from the ADS-C Common Service and to enable the display of warnings to the ATCOs in case of trajectory discrepancies;

- with regards to the ground distribution domain (i.e. WP 4 - Family 6.3.1 of the SDP), the project foresees the participation of 7 major ANSPs (DSNA, EANS, ENAIRE, LPS, MATS, PANSA and ROMATSA) to the definition and implementation of an ADS-C Common Service, i.e. a commonly procured pan-European service designed to harmonise the distribution of aircraft trajectory information to all relevant Air Traffic Service units and the Network Manager. Through the participation to this project, the deployment of this service (including “the connection to the ADS-C Common Service and its ground infrastructure deployment” required by the Call text) will be secured into the airspace of Germany, France (above FL285), Estonia, Spain (above FL285, including the Canarias TMA), Slovak Republic (above FL 285), Malta, Poland and Romania, i.e. 45% of the EU airspace and over 50% of the air traffic volume.

Expected outcomes and results

In light of the elements presented above, the CLEAN ATM 3 project – once completed – would help making ATM operations significantly more efficient both on the ground and the airspace, leading to a massive improvement of the travel experience for hundreds of millions of passengers.

With an investment of around €68 mln between 2025 and 2027 and the engagement of 36 organisations, the project would make sure that ATM in Europe gets closer to its ambitious standards of capacity, safety, predictability, efficiency, and especially of environmental sustainability.

In addition, as the project will contribute to the large-scale adoption of AF6, it will help finally translating the joint work performed in the last fifteen years by the SESAR Joint Undertaking (SJU), SDM, EASA and the NM into an operational reality. When combined with the other CP1 elements currently under deployment, this will significantly contribute to bring the highly needed change to ATM operations, helping to realize the objectives of CP1 Regulation and moulding the operational environment of the next decades.

Project: 101233005 - 24-EU-TG-CLEAN ATM 3 - submitted for CEF-T-2024-SIMOBGEN

EU Grants: Description of the action (DoA) — Annex 1 (CEF): V1.0 — 01.09.2021

ANNEXES

LIST OF ANNEXES

Subcontracting table — *mandatory*

Project: 101233005 - 24-EU-TG-CLEAN ATM 3 - submitted for CEF-T-2024-SIMOBGEN

EU Grants: Description of the action (DoA) — Annex 1 (CEF): V1.0 — 01.09.2021

SUBCONTRACTING TABLE

Subcontracting <i>Give details on subcontracted action tasks (if any).</i> <i>Subcontracts must be awarded using your usual purchasing practices – provided that they ensure best value for money and no conflict of interests. If you are a 'contracting authority/entity' within the meaning of the EU Directives on public procurement, you must also comply with the applicable national law on public procurement.</i> Note: The coordinator remains fully responsible for the coordination tasks, even if they are delegated to someone else. Coordinator tasks cannot be subcontracted.			
Task number to be subcontracted (follow the numbering in the grant agreement)	Name of task to be subcontracted	Description (Describe briefly the part of the task to be subcontracted and indicate the BEN responsible)	Estimated Costs (EUR)
Tasks 1.1 – 1.5 – WP1	Project Coordination; Project monitoring and reporting; Financial management: payments, checks and audits; Project Information management; Communication management for stakeholder support	Contract with several time-based consultants to provide support on all SDM WP1 coordination tasks, assessment of milestones and deliverables. In addition, two main contracts aimed at supporting the SDM website and Partner Area and Star Tool. Beneficiary: EUROCONTROL	313,607.00
Tasks 1.1 – 1.5 – WP1	Project Coordination; Project monitoring and reporting; Financial management: payments, checks and audits; Project Information management; Communication management for stakeholder support	Contracting several time-based Consultants to provide support on all SDM WP1 coordination tasks, assessment of milestones and deliverables. Beneficiary: ACI	536,787.00
Task 2.02 – WP2	Aegean Air contribution to SDP Family 6.1.1	Linefit of two A321 LR aircraft with ADS-C/EPP functionality Beneficiary: Aegean Air	433,168.00
Task 2.03 – WP2	EAT Leipzig contribution to SDP Family 6.1.1	Retrofit of seven A330 aircraft with ADS-C/EPP functionality Beneficiary: EAT Leipzig	464,250.00
Task 2.04 – WP2	KLM contribution to SDP Family 6.1.1	Linefit of nine A350-900 And twenty-two with ADS-C/EPP functionality A320NEO Beneficiary: KLM	755,640.00
Task 2.05 – WP2	Lufthansa contribution to SDP Family 6.1.1	Linefit of thirty-seven A320 aircraft and retrofit of eighty-four A320 aircraft with ADS-C/EPP functionality Beneficiary: Lufthansa	7,911,413.00
Task 2.06 – WP2	OS Airlines contribution to SDP Family 6.1.1	Retrofit of five A320 aircraft with ADS-C EPP functional Beneficiary: OS Airlines	420,000.00
Task 2.07 – WP2	SN Airlines contribution to SDP Family 6.1.1	Retrofit of five A320 aircraft with ADS-C EPP functional Beneficiary: SN Airlines	480,000.00
Task 2.09 – WP2	Eurowings contribution to SDP Family 6.1.1	Retrofit of thirty-five A320 aircraft with ADS-C EPP functional Beneficiary: Eurowings	2,940,000.00
Task 2.11 – WP2	LHCityAirlines contribution to SDP Family 6.1.1	Retrofit of five A320 aircraft with ADS-C EPP functional Beneficiary: LHCityAirlines	420,000.00
Task 2.12 – WP2	SAS contribution to SDP Family 6.1.1	Retrofit of thirteen A330 aircraft, linefit or retrofit of four E195 and retrofit of six A350	6,981,550.00

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EU Grants: Description of the action (DoA) — Annex 1 (CEF): V1.0 — 01.09.2021

		aircraft with ADS-C EPP functionality Beneficiary: SAS	
Task 2.13 – WP2	Transavia contribution to SDP Family 6.1.1	Linefit if thirty-seven A320NEO aircraft with ADS-C EPP functionality Beneficiary: Transavia	925,000.00
Task 3.02 – WP3	DSNA contribution to SDP Family 6.1.2	DSNA En-route ATC system upgrade Beneficiary: DSNA	13,500,000.00
Task 3.03 – WP3	PANSA contribution to SDP Family 6.1.2	PANSA PEGASUS_21 ATC system upgrade Beneficiary: PANSA	500,000.00
Task 3.04 – WP3	ROMATSA contribution to SDP Family 6.1.2	ROMATSA ATC system upgrade Beneficiary: ROMATSA	8,500,000.00
Task 4.02 – WP4	DSNA contribution to SDP Family 6.3.1	LACS procurement and DSNA system upgrade Beneficiary: DSNA	2,978,647.00
Task 4.03 – WP4	EANS contribution to SDP Family 6.3.1	LACS procurement and EANS system upgrade Beneficiary: EANS	1,067,882.00
Task 4.04 – WP4	ENAIRES contribution to SDP Family 6.3.1	LACS procurement and ENAIRES system upgrade Beneficiary: ENAIRES	4,308,204.00
Task 4.05 – WP4	LPS contribution to SDP Family 6.3.1	LACS procurement Beneficiary: LPS	143,363.00
Task 4.06 – WP4	MATS contribution to SDP Family 6.3.1	LACS procurement and MATS system upgrade Beneficiary: MATS	3,625,637.00
Task 4.07 – WP4	PANSA contribution to SDP Family 6.3.1	LACS procurement Beneficiary: PANSA	383,181.00
Task 4.08 – WP4	ROMATSA contribution to SDP Family 6.3.1	LACS and alternative connection procurement Beneficiary: ROMATSA	792,629.00

HISTORY OF CHANGES		
VERSION	PUBLICATION DATE	CHANGE
0.1	28.07.2025	Initial version. Changes compared to the proposals are related to Project Description
0.2	29.08.2025	Update based on inputs received from the consortium members.
0.3	10.09.2025	Small revisions of beneficiaries' abbreviations and correction of numbers' format
1.0	29.09.2025	Final version

ANNEX 1

DETAILED BUDGET BREAKDOWN PER REPORTING PERIOD

		Estimated eligible costs (per budget category)															Estimated EU contribution				
		Direct costs													Indirect costs	Total costs	EU contribution to eligible costs			Total requested EU contribution	
																	A. Personnel costs				B. Subcontracting costs
		A.1 Employees (or equivalent)	A.4 SME owners and natural person beneficiaries	C.1 Travel and subsistence			C.2 Equipment	C.3 Other goods, works and services	D.1 Financial support to third parties	D.2 Studies	D.3 Synergetic elements	D.4 Works in outermost regions	D.5 Land purchases								
A.2 Natural persons under direct contract	Travel	Accommodation	Subsistence																		
A.3 Seconded persons																					
Forms of funding	Actual costs	Unit costs (usual accounting practices)	Unit costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Flat-rate costs						
	a1	a2	a3	b	c1a	c1b	c1c	c2	c3	d1a	d2	d3	d4	d5	e ¹	f = a+b+c+d	V, W, X	g ²	h	m	
Reporting period 1																					
1 - EUROCONTROL	731 752.00	0.00	0.00	313 607.00	207 148.00	0.00	0.00	30 104.00	378 413.00	0.00	0.00	0.00	0.00	0.00	0.00	1 661 024.00	50, 0, 70	830 512.00	830 512.00	830 512.00	
2 - ACI EUROPE	0.00	0.00	0.00	536 787.00	0.00	0.00	0.00	0.00	10 212.00	0.00	0.00	0.00	0.00	0.00	0.00	546 999.00	50, 0, 70	273 499.50	273 499.50	273 499.50	
3 - AIR FRANCE	112 002.00	0.00	0.00	0.00	22 194.00	0.00	0.00	0.00	2 553.00	0.00	0.00	0.00	0.00	0.00	0.00	136 749.00	50, 0, 70	68 374.50	68 374.50	68 374.50	
3.1 - TRANSAVIA	16 500.00	0.00	0.00	925 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	941 500.00	50, 0, 70	470 750.00	470 750.00	470 750.00	
4 - AUSTRO CONTROL	20 063.00	0.00	0.00	0.00	3 931.00	0.00	0.00	0.00	451.00	0.00	0.00	0.00	0.00	0.00	0.00	24 445.00	50, 0, 70	12 222.50	12 222.50	12 222.50	
5 - CROATIA CONTROL	20 063.00	0.00	0.00	0.00	3 931.00	0.00	0.00	0.00	451.00	0.00	0.00	0.00	0.00	0.00	0.00	24 445.00	50, 0, 70	12 222.50	12 222.50	12 222.50	
6 - LUFTHANSA	892 926.00	0.00	0.00	7 911 413.00	22 194.00	0.00	0.00	0.00	2 553.00	0.00	0.00	0.00	0.00	0.00	0.00	8 829 086.00	50, 0, 70	4 414 543.00	4 414 543.00	4 414 543.00	
6.1 - SN AIRLINES	0.00	0.00	0.00	480 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	480 000.00	50, 0, 70	240 000.00	240 000.00	240 000.00	
6.2 - OS Airlines	98 392.00	0.00	0.00	420 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	518 392.00	50, 0, 70	259 196.00	259 196.00	259 196.00	
6.3 - Eurowings	0.00	0.00	0.00	2 940 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2 940 000.00	50, 0, 70	1 470 000.00	1 470 000.00	1 470 000.00	
6.4 - EW Discover	106 810.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	106 810.00	50, 0, 70	53 405.00	53 405.00	53 405.00	
6.5 - LHCityAirlines	134 406.00	0.00	0.00	420 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	554 406.00	50, 0, 70	277 203.00	277 203.00	277 203.00	
6.6 - EW Europe	57 044.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57 044.00	50, 0, 70	28 522.00	28 522.00	28 522.00	
7 - DFS	160 506.00	0.00	0.00	0.00	31 450.00	0.00	0.00	0.00	3 606.00	0.00	0.00	0.00	0.00	0.00	0.00	195 562.00	50, 0, 70	97 781.00	97 781.00	97 781.00	
8 - DSNÄ	365 253.00	0.00	0.00	16 478 647.00	15 725.00	0.00	0.00	0.00	1 803.00	0.00	0.00	0.00	0.00	0.00	0.00	16 861 428.00	50, 0, 70	8 430 714.00	8 430 714.00	8 430 714.00	
9 - EEAG	112 002.00	0.00	0.00	0.00	22 194.00	0.00	0.00	0.00	2 553.00	0.00	0.00	0.00	0.00	0.00	0.00	136 749.00	50, 0, 70	68 374.50	68 374.50	68 374.50	
10 - ENAIRE	185 045.00	0.00	0.00	4 308 204.00	28 588.00	0.00	0.00	0.00	2 704.00	0.00	0.00	0.00	0.00	0.00	0.00	4 524 541.00	50, 0, 70	2 262 270.50	2 262 270.50	2 262 270.50	
10.1 - CRIDA	60 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60 000.00	50, 0, 70	30 000.00	30 000.00	30 000.00	
11 - ENAV	240 759.00	0.00	0.00	0.00	47 175.00	0.00	0.00	0.00	5 409.00	0.00	0.00	0.00	0.00	0.00	0.00	293 343.00	50, 0, 70	146 671.50	146 671.50	146 671.50	
12 - HUNGAROCONTROL	80 253.00	0.00	0.00	0.00	15 725.00	0.00	0.00	0.00	1 803.00	0.00	0.00	0.00	0.00	0.00	0.00	97 781.00	50, 0, 70	48 890.50	48 890.50	48 890.50	
13 - AIRNAV IRELAND	20 063.00	0.00	0.00	0.00	3 931.00	0.00	0.00	0.00	451.00	0.00	0.00	0.00	0.00	0.00	0.00	24 445.00	50, 0, 70	12 222.50	12 222.50	12 222.50	
14 - LFV	20 063.00	0.00	0.00	0.00	3 931.00	0.00	0.00	0.00	451.00	0.00	0.00	0.00	0.00	0.00	0.00	24 445.00	50, 0, 70	12 222.50	12 222.50	12 222.50	
15 - NAV PORTUGAL	20 063.00	0.00	0.00	0.00	3 931.00	0.00	0.00	0.00	451.00	0.00	0.00	0.00	0.00	0.00	0.00	24 445.00	50, 0, 70	12 222.50	12 222.50	12 222.50	
16 - NAVIAIR	20 063.00	0.00	0.00	0.00	3 931.00	0.00	0.00	0.00	451.00	0.00	0.00	0.00	0.00	0.00	0.00	24 445.00	50, 0, 70	12 222.50	12 222.50	12 222.50	
17 - PANSÄ	480 253.00	0.00	0.00	883 181.00	40 725.00	0.00	0.00	0.00	4 303.00	0.00	0.00	0.00	0.00	0.00	0.00	1 408 462.00	50, 0, 70	704 231.00	704 231.00	704 231.00	
18 - ROMATSA RA	464 370.00	0.00	0.00	9 292 629.00	147 801.00	0.00	0.00	0.00	15 803.00	0.00	0.00	0.00	0.00	0.00	0.00	9 920 603.00	50, 0, 70	4 960 301.50	4 960 301.50	4 960 301.50	
19 - RYANAIR	112 002.00	0.00	0.00	0.00	22 194.00	0.00	0.00	0.00	2 553.00	0.00	0.00	0.00	0.00	0.00	0.00	136 749.00	50, 0, 70	68 374.50	68 374.50	68 374.50	
20 - BULATSA	80 253.00	0.00	0.00	0.00	15 725.00	0.00	0.00	0.00	1 803.00	0.00	0.00	0.00	0.00	0.00	0.00	97 781.00	50, 0, 70	48 890.50	48 890.50	48 890.50	

	Estimated eligible costs (per budget category)																Estimated EU contribution			
	Direct costs														Indirect costs	Total costs	EU contribution to eligible costs			Total requested EU contribution
	A. Personnel costs		B. Subcontracting costs	C. Purchase costs				D. Other cost categories						E. Indirect costs	Funding rate %		Maximum EU contribution	Requested EU contribution		
	A.1 Employees (or equivalent) A.2 Natural persons under direct contract A.3 Seconded persons		A.4 SME owners and natural person beneficiaries	C.1 Travel and subsistence			C.2 Equipment	C.3 Other goods, works and services	D.1 Financial support to third parties	D.2 Studies	D.3 Synergetic elements	D.4 Works in outermost regions	D.5 Land purchases							
Travel	Accommodation	Subsistence																		
Forms of funding	Actual costs	Unit costs (usual accounting practices)	Unit costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Flat-rate costs					
	a1	a2	a3	b	c1a	c1b	c1c	c2	c3	d1a	d2	d3	d4	d5	e ¹	f = a+b+c+d	V, W, X	g ²	h	m
21 - AEGEAN AIRLINES	0.00	0.00	0.00	433 168.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	433 168.00	50, 0, 70	216 584.00	216 584.00	216 584.00
22 - EANS	450 000.00	0.00	0.00	1 067 882.00	90 000.00	0.00	0.00	600 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2 207 882.00	50, 0, 70	1 103 941.00	1 103 941.00	1 103 941.00
23 - KLM	0.00	0.00	0.00	755 640.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	755 640.00	50, 0, 70	377 820.00	377 820.00	377 820.00
24 - LPS	182 240.00	0.00	0.00	143 363.00	15 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	340 603.00	50, 0, 70	170 301.50	170 301.50	170 301.50
25 - MATS	2 500 000.00	0.00	0.00	3 625 637.00	120 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6 245 637.00	50, 0, 70	3 122 818.50	3 122 818.50	3 122 818.50
26 - SAS	120 000.00	0.00	0.00	6 981 550.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7 101 550.00	50, 0, 70	3 550 775.00	3 550 775.00	3 550 775.00
27 - EAT Leipzig	0.00	0.00	0.00	464 250.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	464 250.00	50, 0, 70	232 125.00	232 125.00	232 125.00
28 - SKYGUIDE																				
Total	7 863 146.00	0.00	0.00	58 380 958.00	887 424.00	0.00	0.00	630 104.00	438 777.00	0.00	0.00	0.00	0.00	0.00	0.00	68 200 409.00		34 100 204.50	34 100 204.50	34 100 204.50

¹ e = flat-rate * (a1 + a2 + a3 + b + c1a + c1b + c1c + c2 + c3 + d1a + d2 + d3 + d4 + d5)
² g = (a1 + a2 + a3) * V% + b * V% + (c1a + c1b + c1c + c2 + c3) * V% + (d1a + d3 + d5) * V% + d2 * W% + d4 * X% + e * V%

START (DETAILED BUDGET TABLE PER WP)	
PROJECT DATA	
Project number:	SEP-211113936
Project acronym:	24-EU-TG-CLEAN ATM 3

Work package name	Funding Rate
WP 1 - Project Coordination	50%
WP 2 - 2024_611_AF6 – Common AF6 implemetation – 6.1	50%
WP 3 - 2024_612_AF6 – Common AF6 implemetation – 6.1	50%
WP 4 - 2024_631_AF6 – Common AF6 implemetation – 6.3	50%

Participant name

EUROCONTROL

ACI EUROPE

AIR FRANCE

TRANSAVIA

AUSTRO CONTROL

CROATIA CONTROL

LUFTHANSA

SN AIRLINES

OS Airlines

Eurowings

EW Discover

LHCityAirlines

EW Europe

DFS

DSNA

EEAG

ENAIRE

CRIDA

ENAV

HUNGAROCONTROL

AIRNAV IRELAND

LFV

NAV PORTUGAL

NAVIAIR

PANSA

ROMATSA RA

RYANAIR

BULATSA

AEGEAN AIRLINES

EANS

KLM

LPS

MATS

SAS

EAT Leipzig

Skyguide

DETAILED BUDGET TABLE PER WP

PROJECT DATA

Project number:	SEP-211113936
Project acronym:	24-EU-TG-CLEAN ATM 3

BUDGET BREAKDOWN PER WORK PACKAGE AND PARTICIPANT

Reporting period can be added/deleted as needed

Work Package	Participant	Reporting period 1	Total costs	Funding rate (for work package)	EU contribution
WP 1 - Project Coordination	EUROCONTROL	1.661.024,00	1.661.024,00	50%	830.512,00
WP 1 - Project Coordination	ACI EUROPE	546.999,00	546.999,00	50%	273.499,50
WP 1 - Project Coordination	AIR FRANCE	136.749,00	136.749,00	50%	68.374,50
WP 1 - Project Coordination	EEAG	136.749,00	136.749,00	50%	68.374,50
WP 1 - Project Coordination	LUFTHANSA	136.749,00	136.749,00	50%	68.374,50
WP 1 - Project Coordination	RYANAIR	136.749,00	136.749,00	50%	68.374,50
WP 1 - Project Coordination	AUSTRO CONTROL	24.445,00	24.445,00	50%	12.222,50
WP 1 - Project Coordination	CROATIA CONTROL	24.445,00	24.445,00	50%	12.222,50
WP 1 - Project Coordination	DFS	195.562,00	195.562,00	50%	97.781,00
WP 1 - Project Coordination	DSNA	97.781,00	97.781,00	50%	48.890,50
WP 1 - Project Coordination	ENAIRES	146.671,00	146.671,00	50%	73.335,50
WP 1 - Project Coordination	ENAV	293.343,00	293.343,00	50%	146.671,50
WP 1 - Project Coordination	HUNGAROCNTRL	97.781,00	97.781,00	50%	48.890,50
WP 1 - Project Coordination	AIRNAV IRELAND	24.445,00	24.445,00	50%	12.222,50
WP 1 - Project Coordination	LFV	24.445,00	24.445,00	50%	12.222,50
WP 1 - Project Coordination	NAVIAIR	24.445,00	24.445,00	50%	12.222,50
WP 1 - Project Coordination	PANSA	97.781,00	97.781,00	50%	48.890,50
WP 1 - Project Coordination	ROMATSA RA	97.781,00	97.781,00	50%	48.890,50
WP 1 - Project Coordination	NAV PORTUGAL	24.445,00	24.445,00	50%	12.222,50
WP 1 - Project Coordination	Skyguide	0,00	0,00	50%	0,00
WP 1 - Project Coordination	BULATSA	97.781,00	97.781,00	50%	48.890,50
WP 2 - 2024_611_AF6 - Common AF6	Lufthansa	8.692.337,00	8.692.337,00	50%	4.346.168,50
WP 2 - 2024_611_AF6 - Common AF6	OS Airlines	518.392,00	518.392,00	50%	259.196,00
WP 2 - 2024_611_AF6 - Common AF6	SN AIRLINES	480.000,00	480.000,00	50%	240.000,00

WP 2 - 2024_611_AF6 - Common AF6	EW Discover	106.810,00	106.810,00	50%	53.405,00
WP 2 - 2024_611_AF6 - Common AF6	EW Europe	57.044,00	57.044,00	50%	28.522,00
WP 2 - 2024_611_AF6 - Common AF6	Eurowings	2.940.000,00	2.940.000,00	50%	1.470.000,00
WP 2 - 2024_611_AF6 - Common AF6	LHCityAirlines	554.406,00	554.406,00	50%	277.203,00
WP 2 - 2024_611_AF6 - Common AF6	AEGEAN AIRLINES	433.168,00	433.168,00	50%	216.584,00
WP 2 - 2024_611_AF6 - Common AF6	EAT Leipzig	464.250,00	464.250,00	50%	232.125,00
WP 2 - 2024_611_AF6 - Common AF6	SAS	7.101.550,00	7.101.550,00	50%	3.550.775,00
WP 2 - 2024_611_AF6 - Common AF6	TRANSAVIA	941.500,00	941.500,00	50%	470.750,00
WP 2 - 2024_611_AF6 - Common AF6	KLM	755.640,00	755.640,00	50%	377.820,00
WP 3 - 2024_612_AF6 - Common AF6	PANSA	852.500,00	852.500,00	50%	426.250,00
WP 3 - 2024_612_AF6 - Common AF6	ROMATSA RA	8.842.500,00	8.842.500,00	50%	4.421.250,00
WP 3 - 2024_612_AF6 - Common AF6	DSNA	13.728.000,00	13.728.000,00	50%	6.864.000,00
WP 4 - 2024_631_AF6 - Common AF6	ROMATSA RA	980.322,00	980.322,00	50%	490.161,00
WP 4 - 2024_631_AF6 - Common AF6	PANSA	458.181,00	458.181,00	50%	229.090,50
WP 4 - 2024_631_AF6 - Common AF6	ENAIRES	4.377.870,00	4.377.870,00	50%	2.188.935,00
WP 4 - 2024_631_AF6 - Common AF6	CRIDA	60.000,00	60.000,00	50%	30.000,00
WP 4 - 2024_631_AF6 - Common AF6	EANS	2.207.882,00	2.207.882,00	50%	1.103.941,00
WP 4 - 2024_631_AF6 - Common AF6	LPS	340.603,00	340.603,00	50%	170.301,50
WP 4 - 2024_631_AF6 - Common AF6	DSNA	3.035.647,00	3.035.647,00	50%	1.517.823,50
WP 4 - 2024_631_AF6 - Common AF6	MATS	6.245.637,00	6.245.637,00	50%	3.122.818,50
Total		68.200.409,00	68.200.409,00		34.100.204,50

Summary per work package

Row Labels	Reporting period_1	FP RP_1	Sum of Total	
			costs	Sum of EU contribution
WP 1 - Project Coordination	4.026.170	100%	4.026.170	2.013.085
WP 2 - 2024_611_AF6 – Common AF6 implemetation – 6.1.1	23.045.097	100%	23.045.097	11.522.549
WP 3 - 2024_612_AF6 – Common AF6 implemetation – 6.1.2	23.423.000	100%	23.423.000	11.711.500
WP 4 - 2024_631_AF6 – Common AF6 implemetation – 6.3.1	17.706.142	100%	17.706.142	8.853.071
Grand Total	68.200.409	100%	68.200.409	34.100.205

Summary per Participant

Row Labels	Reporting period_1	Sum of Total costs	Sum of EU contribution
EUROCONTROL	1.661.024,00	1.661.024,00	830.512,00
AIR FRANCE	136.749,00	136.749,00	68.374,50
EEAG	136.749,00	136.749,00	68.374,50
LUFTHANSA	8.829.086,00	8.829.086,00	4.414.543,00
RYANAIR	136.749,00	136.749,00	68.374,50
AUSTRO CONTROL	24.445,00	24.445,00	12.222,50
CROATIA CONTROL	24.445,00	24.445,00	12.222,50
DFS	195.562,00	195.562,00	97.781,00
ENAIRE	4.524.541,00	4.524.541,00	2.262.270,50
ENAV	293.343,00	293.343,00	146.671,50
HUNGAROCONTROL	97.781,00	97.781,00	48.890,50
AIRNAV IRELAND	24.445,00	24.445,00	12.222,50
LFV	24.445,00	24.445,00	12.222,50
PANSA	1.408.462,00	1.408.462,00	704.231,00
NAV PORTUGAL	24.445,00	24.445,00	12.222,50
BULATSA	97.781,00	97.781,00	48.890,50
Skyguide	-	-	-
EANS	2.207.882,00	2.207.882,00	1.103.941,00
EAT Leipzig	464.250,00	464.250,00	232.125,00
KLM	755.640,00	755.640,00	377.820,00
LPS	340.603,00	340.603,00	170.301,50
MATS	6.245.637,00	6.245.637,00	3.122.818,50
TRANSAVIA	941.500,00	941.500,00	470.750,00
NAVIAIR	24.445,00	24.445,00	12.222,50
CRIDA	60.000,00	60.000,00	30.000,00
ACI EUROPE	546.999,00	546.999,00	273.499,50
DSNA	16.861.428,00	16.861.428,00	8.430.714,00
SAS	7.101.550,00	7.101.550,00	3.550.775,00
OS Airlines	518.392,00	518.392,00	259.196,00
SN AIRLINES	480.000,00	480.000,00	240.000,00
EW Discover	106.810,00	106.810,00	53.405,00
EW Europe	57.044,00	57.044,00	28.522,00
Eurowings	2.940.000,00	2.940.000,00	1.470.000,00
LHCityAirlines	554.406,00	554.406,00	277.203,00
AEGEAN AIRLINES	433.168,00	433.168,00	216.584,00
ROMATSA RA	9.920.603,00	9.920.603,00	4.960.301,50
Grand Total	68.200.409	68.200.409	34.100.205

#	EU CONTRIBUTION	TOTAL COSTS
ENCODE VALUE FROM EGRANTS	34100204,5	68200409
DIFFERENCE	0	0

ANNEX 2

ESTIMATED BUDGET FOR THE ACTION

	Estimated eligible ¹ costs (per budget category)															Estimated EU contribution ²				
	Direct costs														Indirect costs	Total costs	EU contribution to eligible costs			Maximum grant amount ⁶
	A. Personnel costs		B. Subcontracting costs	C. Purchase costs				D. Other cost categories						E. Indirect costs ³	Funding rate % ⁴		Maximum EU contribution ⁵	Requested EU contribution		
	A.1 Employees (or equivalent)	A.4 SME owners and natural person beneficiaries	B. Subcontracting	C.1 Travel and subsistence			C.2 Equipment	C.3 Other goods, works and services	D.1 Financial support to third parties	D.2 Studies	D.3 Synergetic elements	D.4 Works in outermost regions	D.5 Land purchases	E. Indirect costs						
	A.2 Natural persons under direct contract			Travel	Accommodation	Subsistence														
A.3 Seconded persons																				
Forms of funding	Actual costs	Unit costs (usual accounting practices)	Unit costs ⁷	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Flat-rate costs ⁸					
	a1	a2	a3	b	c1a	c1b	c1c	c2	c3	d1a	d2	d3	d4	d5	e ⁹	f = a+b+c+d	V, W, X	g ¹⁰	h	m
1 - EUROCONTROL	731 752.00	0.00	0.00	313 607.00	207 148.00	0.00	0.00	30 104.00	378 413.00	0.00	0.00	0.00	0.00	0.00	0.00	1 661 024.00	50, 0, 70	830 512.00	830 512.00	830 512.00
2 - ACI EUROPE	0.00	0.00	0.00	536 787.00	0.00	0.00	0.00	0.00	10 212.00	0.00	0.00	0.00	0.00	0.00	0.00	546 999.00	50, 0, 70	273 499.50	273 499.50	273 499.50
3 - AIR FRANCE	112 002.00	0.00	0.00	0.00	22 194.00	0.00	0.00	0.00	2 553.00	0.00	0.00	0.00	0.00	0.00	0.00	136 749.00	50, 0, 70	68 374.50	68 374.50	68 374.50
3.1 - TRANSAVIA	16 500.00	0.00	0.00	925 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	941 500.00	50, 0, 70	470 750.00	470 750.00	470 750.00
4 - AUSTRO CONTROL	20 063.00	0.00	0.00	0.00	3 931.00	0.00	0.00	0.00	451.00	0.00	0.00	0.00	0.00	0.00	0.00	24 445.00	50, 0, 70	12 222.50	12 222.50	12 222.50
5 - CROATIA CONTROL	20 063.00	0.00	0.00	0.00	3 931.00	0.00	0.00	0.00	451.00	0.00	0.00	0.00	0.00	0.00	0.00	24 445.00	50, 0, 70	12 222.50	12 222.50	12 222.50
6 - LUFTHANSA	892 926.00	0.00	0.00	7 911 413.00	22 194.00	0.00	0.00	0.00	2 553.00	0.00	0.00	0.00	0.00	0.00	0.00	8 829 086.00	50, 0, 70	4 414 543.00	4 414 543.00	4 414 543.00
6.1 - SN AIRLINES	0.00	0.00	0.00	480 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	480 000.00	50, 0, 70	240 000.00	240 000.00	240 000.00
6.2 - OS Airlines	98 392.00	0.00	0.00	420 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	518 392.00	50, 0, 70	259 196.00	259 196.00	259 196.00
6.3 - Eurowings	0.00	0.00	0.00	2 940 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2 940 000.00	50, 0, 70	1 470 000.00	1 470 000.00	1 470 000.00
6.4 - EW Discover	106 810.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	106 810.00	50, 0, 70	53 405.00	53 405.00	53 405.00
6.5 - LHCityAirlines	134 406.00	0.00	0.00	420 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	554 406.00	50, 0, 70	277 203.00	277 203.00	277 203.00
6.6 - EW Europe	57 044.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57 044.00	50, 0, 70	28 522.00	28 522.00	28 522.00
7 - DFS	160 506.00	0.00	0.00	0.00	31 450.00	0.00	0.00	0.00	3 606.00	0.00	0.00	0.00	0.00	0.00	0.00	195 562.00	50, 0, 70	97 781.00	97 781.00	97 781.00
8 - DSNÄ	365 253.00	0.00	0.00	16 478 647.00	15 725.00	0.00	0.00	0.00	1 803.00	0.00	0.00	0.00	0.00	0.00	0.00	16 861 428.00	50, 0, 70	8 430 714.00	8 430 714.00	8 430 714.00
9 - EEAG	112 002.00	0.00	0.00	0.00	22 194.00	0.00	0.00	0.00	2 553.00	0.00	0.00	0.00	0.00	0.00	0.00	136 749.00	50, 0, 70	68 374.50	68 374.50	68 374.50
10 - ENAIRE	185 045.00	0.00	0.00	4 308 204.00	28 588.00	0.00	0.00	0.00	2 704.00	0.00	0.00	0.00	0.00	0.00	0.00	4 524 541.00	50, 0, 70	2 262 270.50	2 262 270.50	2 262 270.50
10.1 - CRIDA	60 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60 000.00	50, 0, 70	30 000.00	30 000.00	30 000.00
11 - ENAV	240 759.00	0.00	0.00	0.00	47 175.00	0.00	0.00	0.00	5 409.00	0.00	0.00	0.00	0.00	0.00	0.00	293 343.00	50, 0, 70	146 671.50	146 671.50	146 671.50
12 - HUNGAROCONTROL	80 253.00	0.00	0.00	0.00	15 725.00	0.00	0.00	0.00	1 803.00	0.00	0.00	0.00	0.00	0.00	0.00	97 781.00	50, 0, 70	48 890.50	48 890.50	48 890.50
13 - AIRNAV IRELAND	20 063.00	0.00	0.00	0.00	3 931.00	0.00	0.00	0.00	451.00	0.00	0.00	0.00	0.00	0.00	0.00	24 445.00	50, 0, 70	12 222.50	12 222.50	12 222.50
14 - LFV	20 063.00	0.00	0.00	0.00	3 931.00	0.00	0.00	0.00	451.00	0.00	0.00	0.00	0.00	0.00	0.00	24 445.00	50, 0, 70	12 222.50	12 222.50	12 222.50
15 - NAV PORTUGAL	20 063.00	0.00	0.00	0.00	3 931.00	0.00	0.00	0.00	451.00	0.00	0.00	0.00	0.00	0.00	0.00	24 445.00	50, 0, 70	12 222.50	12 222.50	12 222.50
16 - NAVIAIR	20 063.00	0.00	0.00	0.00	3 931.00	0.00	0.00	0.00	451.00	0.00	0.00	0.00	0.00	0.00	0.00	24 445.00	50, 0, 70	12 222.50	12 222.50	12 222.50
17 - PANSÄ	480 253.00	0.00	0.00	883 181.00	40 725.00	0.00	0.00	0.00	4 303.00	0.00	0.00	0.00	0.00	0.00	0.00	1 408 462.00	50, 0, 70	704 231.00	704 231.00	704 231.00
18 - ROMATSA RA	464 370.00	0.00	0.00	9 292 629.00	147 801.00	0.00	0.00	0.00	15 803.00	0.00	0.00	0.00	0.00	0.00	0.00	9 920 603.00	50, 0, 70	4 960 301.50	4 960 301.50	4 960 301.50
19 - RYANAIR	112 002.00	0.00	0.00	0.00	22 194.00	0.00	0.00	0.00	2 553.00	0.00	0.00	0.00	0.00	0.00	0.00	136 749.00	50, 0, 70	68 374.50	68 374.50	68 374.50
20 - BULATSA	80 253.00	0.00	0.00	0.00	15 725.00	0.00	0.00	0.00	1 803.00	0.00	0.00	0.00	0.00	0.00	0.00	97 781.00	50, 0, 70	48 890.50	48 890.50	48 890.50
21 - AEGEAN AIRLINES	0.00	0.00	0.00	433 168.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	433 168.00	50, 0, 70	216 584.00	216 584.00	216 584.00

	Estimated eligible ¹ costs (per budget category)																Estimated EU contribution ²				
	Direct costs														Indirect costs	Total costs	EU contribution to eligible costs			Maximum grant amount ⁶	
	A. Personnel costs		B. Subcontracting costs	C. Purchase costs				D. Other cost categories					E. Indirect costs ³	Funding rate % ⁴			Maximum EU contribution ⁵	Requested EU contribution			
				A.1 Employees (or equivalent)	A.4 SME owners and natural person beneficiaries	B. Subcontracting	C.1 Travel and subsistence			C.2 Equipment	C.3 Other goods, works and services	D.1 Financial support to third parties			D.2 Studies				D.3 Synergetic elements		D.4 Works in outermost regions
	A.2 Natural persons under direct contract	Travel	Accommodation	Subsistence																	
A.3 Seconded persons																					
Forms of funding	Actual costs	Unit costs (usual accounting practices)	Unit costs ⁷	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Flat-rate costs ⁸						
	a1	a2	a3	b	c1a	c1b	c1c	c2	c3	d1a	d2	d3	d4	d5	e ⁹	f = a+b+c+d	V, W, X	g ¹⁰	h	m	
22 - EANS	450 000.00	0.00	0.00	1 067 882.00	90 000.00	0.00	0.00	600 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2 207 882.00	50, 0, 70	1 103 941.00	1 103 941.00	1 103 941.00	
23 - KLM	0.00	0.00	0.00	755 640.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	755 640.00	50, 0, 70	377 820.00	377 820.00	377 820.00	
24 - LPS	182 240.00	0.00	0.00	143 363.00	15 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	340 603.00	50, 0, 70	170 301.50	170 301.50	170 301.50	
25 - MATS	2 500 000.00	0.00	0.00	3 625 637.00	120 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6 245 637.00	50, 0, 70	3 122 818.50	3 122 818.50	3 122 818.50	
26 - SAS	120 000.00	0.00	0.00	6 981 550.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7 101 550.00	50, 0, 70	3 550 775.00	3 550 775.00	3 550 775.00	
27 - EAT Leipzig	0.00	0.00	0.00	464 250.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	464 250.00	50, 0, 70	232 125.00	232 125.00	232 125.00	
28 - SKYGUIDE																					
Σ consortium	7 863 146.00	0.00	0.00	58 380 958.00	887 424.00	0.00	0.00	630 104.00	438 777.00	0.00	0.00	0.00	0.00	0.00	0.00	68 200 409.00		34 100 204.50	34 100 204.50	34 100 204.50	

¹ See Article 6 for the eligibility conditions. All amounts must be expressed in EUR (see Article 21 for the conversion rules).

² The consortium remains free to decide on a different internal distribution of the EU funding (via the consortium agreement; see Article 7).

³ Indirect costs already covered by an operating grant (received under any EU funding programme) are ineligible (see Article 6.3). Therefore, a beneficiary/affiliated entity that receives an operating grant during the action duration cannot declare indirect costs for the year(s)/reporting period(s) covered by the operating grant, unless they can demonstrate that the operating grant does not cover any costs of the action. This requires specific accounting tools. Please immediately contact us via the EU Funding & Tenders Portal for details.

⁴ See Data Sheet for the funding rate(s).

⁵ This is the theoretical amount of the EU contribution to costs, if the reimbursement rate is applied to all the budgeted costs. This theoretical amount is then capped by the 'maximum grant amount'.

⁶ The 'maximum grant amount' is the maximum grant amount decided by the EU. It normally corresponds to the requested grant, but may be lower.

⁷ See Annex 2a 'Additional information on the estimated budget' for the details (units, cost per unit).

⁸ See Data Sheet for the flat-rate.

⁹ e = flat-rate * (a1 + a2 + a3 + b + c1a + c1b + c1c + c2 + c3 + d1a + d2 + d3 + d4 + d5)

¹⁰ g = (a1 + a2 + a3) * V% + b * V% + (c1a + c1b + c1c + c2 + c3) * V% + (d1a + d3 + d5) * V% + d2 * W% + d4 * X% + e * V%

ANNEX 2a

ADDITIONAL INFORMATION ON UNIT COSTS AND CONTRIBUTIONS

SME owners/natural person beneficiaries without salary

See [*Additional information on unit costs and contributions \(Annex 2a and 2b\)*](#)

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

EUROPEAN REGION OF THE AIRPORTS COUNCIL INTERNATIONAL (ACI EUROPE),
PIC 888337447, established in BOULEVARD DU REGENT 37-40, BRUXELLES 1000, Belgium,

hereby agrees

to become beneficiary

in Agreement No 101233005 — 24-EU-TG-CLEAN ATM 3 ('the Agreement')

between EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR
NAVIGATION (EUROCONTROL) **and the European Climate, Infrastructure and Environment
Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers
delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement,
in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in
accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

AIR FRANCE SA (AIR FRANCE), PIC 937590070, established in RUE DE PARIS 45, ROISSY CDG CEDEX 95747, France,

hereby agrees

to become beneficiary

in Agreement No 101233005 — 24-EU-TG-CLEAN ATM 3 ('the Agreement')

between EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION (EUROCONTROL) **and the European Climate, Infrastructure and Environment Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

AUSTRO CONTROL OSTERREICHISCHE GESELLSCHAFT FUR ZIVILLUFTFAHRT MBH (AUSTRO CONTROL), PIC 998956635, established in SCHNIRCHGASSE 17, WIEN 1030, Austria,

hereby agrees

to become beneficiary

in Agreement No 101233005 — 24-EU-TG-CLEAN ATM 3 ('the Agreement')

between EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION (EUROCONTROL) **and the European Climate, Infrastructure and Environment Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

HRVATSKA KONTROLA ZRACNE PLOVIDBE DOO (CROATIA CONTROL), PIC 924128216, established in RUDOLFA FIZIRA 2, VELIKA GORICA 10410, Croatia,

hereby agrees

to become beneficiary

in Agreement No 101233005 — 24-EU-TG-CLEAN ATM 3 ('the Agreement')

between EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION (EUROCONTROL) **and the European Climate, Infrastructure and Environment Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

DEUTSCHE LUFTHANSA AKTIENGESELLSCHAFT (LUFTHANSA), PIC 999965532,
established in VENLOER STRASSE 151-153, KOLN 50672, Germany,

hereby agrees

to become beneficiary

in Agreement No 101233005 — 24-EU-TG-CLEAN ATM 3 ('the Agreement')

between EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR
NAVIGATION (EUROCONTROL) **and the European Climate, Infrastructure and Environment
Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers
delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement,
in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in
accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

DFS DEUTSCHE FLUGSICHERUNG GMBH (DFS), PIC 999936820, established in AM DFS CAMPUS 10, LANGEN 63225, Germany,

hereby agrees

to become beneficiary

in Agreement No 101233005 — 24-EU-TG-CLEAN ATM 3 ('the Agreement')

between EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION (EUROCONTROL) **and the European Climate, Infrastructure and Environment Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

DIRECTION DES SERVICES DE LA NAVIGATION AERIENNE (DSNA), PIC 928673636,
established in 50 RUE HENRY FARMAN, PARIS 75720, France,

hereby agrees

to become beneficiary

in Agreement No 101233005 — 24-EU-TG-CLEAN ATM 3 ('the Agreement')

between EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR
NAVIGATION (EUROCONTROL) **and the European Climate, Infrastructure and Environment
Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers
delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement,
in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in
accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

EASYJET EUROPE AIRLINE GMBH (EEAG), PIC 888316786, established in WAGRAMER STRASSE 19 IZD TOWER 11 S, VIENNA 1220, Austria,

hereby agrees

to become beneficiary

in Agreement No 101233005 — 24-EU-TG-CLEAN ATM 3 ('the Agreement')

between EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION (EUROCONTROL) **and the European Climate, Infrastructure and Environment Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

ENAIRE (ENAIRE), PIC 997701843, established in AVENIDA DE ARAGON S/N BLOQUE 330, PORTAL 2 PARQUE EMPRESARIAL LAS MERCEDES, MADRID 28022, Spain,

hereby agrees

to become beneficiary

in Agreement No 101233005 — 24-EU-TG-CLEAN ATM 3 ('the Agreement')

between EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION (EUROCONTROL) **and the European Climate, Infrastructure and Environment Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

ENAV SPA (ENAV), PIC 998197513, established in VIA SALARIA 716, ROMA 00138, Italy,

hereby agrees

to become beneficiary

in Agreement No 101233005 — 24-EU-TG-CLEAN ATM 3 ('the Agreement')

between EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION (EUROCONTROL) **and the European Climate, Infrastructure and Environment Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

HUNGAROCONTROL MAGYAR LEGIFORGALMISZOLGALAT ZARTKORUEN MUKODO RESZVENYTARSASAG (HUNGAROCONTROL), PIC 941767472, established in IGLO UTCA 33 35, BUDAPEST 1185, Hungary,

hereby agrees

to become beneficiary

in Agreement No 101233005 — 24-EU-TG-CLEAN ATM 3 ('the Agreement')

between EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION (EUROCONTROL) **and the European Climate, Infrastructure and Environment Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

THE IRISH AIR NAVIGATION SERVICE (AIRNAV IRELAND), PIC 881850281, established in THE TIMES BUILDING D'OLIER STREET, DUBLIN D02 T449, Ireland,

hereby agrees

to become beneficiary

in Agreement No 101233005 — 24-EU-TG-CLEAN ATM 3 ('the Agreement')

between EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION (EUROCONTROL) **and the European Climate, Infrastructure and Environment Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

LUFTFARTSVERKET (LFV), PIC 942346077, established in HOSPITALSGATAN 30, NORRKOPING 602 27, Sweden,

hereby agrees

to become beneficiary

in Agreement No 101233005 — 24-EU-TG-CLEAN ATM 3 ('the Agreement')

between EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION (EUROCONTROL) **and the European Climate, Infrastructure and Environment Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

NAVEGACAO AEREA DE PORTUGAL - NAV PORTUGAL EPE (NAV PORTUGAL), PIC 955596471, established in RUA D EDIFICIO 121 AEROPORTO DE, LISBOA 1700 008, Portugal,

hereby agrees

to become beneficiary

in Agreement No 101233005 — 24-EU-TG-CLEAN ATM 3 ('the Agreement')

between EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION (EUROCONTROL) **and the European Climate, Infrastructure and Environment Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

NAVIAIR (NAVIAIR), PIC 923671249, established in NAVIAIR ALLE 1, KASTRUP 2770, Denmark,

hereby agrees

to become beneficiary

in Agreement No 101233005 — 24-EU-TG-CLEAN ATM 3 ('the Agreement')

between EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION (EUROCONTROL) **and the European Climate, Infrastructure and Environment Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

POLSKA AGENCJA ZEGLUGI POWIETRZNEJ (PANSA), PIC 995562023, established in UL. WIEZOWA 8, WARSZAWA 02 147, Poland,

hereby agrees

to become beneficiary

in Agreement No 101233005 — 24-EU-TG-CLEAN ATM 3 ('the Agreement')

between EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION (EUROCONTROL) **and the European Climate, Infrastructure and Environment Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

ADMINISTRATIA ROMANA A SERVICIILOR DE TRAFIC AERIAN (ROMATSA RA), PIC 953538325, established in BLD ION IONESCU DE LA BRAD 10, BUCURESTI 013813, Romania,

hereby agrees

to become beneficiary

in Agreement No 101233005 — 24-EU-TG-CLEAN ATM 3 ('the Agreement')

between EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION (EUROCONTROL) **and the European Climate, Infrastructure and Environment Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

RYANAIR DESIGNATED ACTIVITY COMPANY (RYANAIR), PIC 913857177, established in RYANAIR DUBLIN OFFICE AIRSIDE BUSINESS PARK, SWORDS DUBLIN, Ireland,

hereby agrees

to become beneficiary

in Agreement No 101233005 — 24-EU-TG-CLEAN ATM 3 ('the Agreement')

between EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION (EUROCONTROL) **and the European Climate, Infrastructure and Environment Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

DARJAVNO PREDPRIYATIE RAKOVODSTVO NA VAZDUSHNOTO DVIJENIE TPP (BULATSA), PIC 958046400, established in BRUSSELS BOULEVARD 1, SOFIA 1540, Bulgaria,

hereby agrees

to become beneficiary

in Agreement No 101233005 — 24-EU-TG-CLEAN ATM 3 ('the Agreement')

between EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION (EUROCONTROL) **and the European Climate, Infrastructure and Environment Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

AEROPORIA AIGAIΟΥ ANONYMI AEROPORIKI ETAIREIA (AEGEAN AIRLINES),
PIC 952277325, established in BUILDING 57, ATHENS INTERNATIONAL AIRPORT,
SPATA,ATTIKI, SPATA 190 19, Greece,

hereby agrees

to become beneficiary

in Agreement No 101233005 — 24-EU-TG-CLEAN ATM 3 ('the Agreement')

between EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR
NAVIGATION (EUROCONTROL) **and the European Climate, Infrastructure and Environment
Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers
delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement,
in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in
accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

LENNULIIKLUSTEENINDUSE AS (EANS), PIC 959140463, established in KANALI POIK 3, RAE KULA RAE VALD 10112, Estonia,

hereby agrees

to become beneficiary

in Agreement No 101233005 — 24-EU-TG-CLEAN ATM 3 ('the Agreement')

between EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION (EUROCONTROL) **and the European Climate, Infrastructure and Environment Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

KONINKLIJKE LUCHTVAART MAATSCHAPPIJ NV (KLM), PIC 997594658, established in AMSTERDAMSEWEG 55, AMSTELVEEN 1182 GP, Netherlands,

hereby agrees

to become beneficiary

in Agreement No 101233005 — 24-EU-TG-CLEAN ATM 3 ('the Agreement')

between EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION (EUROCONTROL) **and the European Climate, Infrastructure and Environment Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

LETOVE PREVADZKOVE SLUZBY SLOVENSKEJ REPUBLIKY, STATNY PODNIK (LPS), PIC 957126452, established in IVANSKA CESTA 93, BRATISLAVA 823 07, Slovakia,

hereby agrees

to become beneficiary

in Agreement No 101233005 — 24-EU-TG-CLEAN ATM 3 ('the Agreement')

between EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION (EUROCONTROL) **and the European Climate, Infrastructure and Environment Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

MALTA AIR TRAFFIC SERVICES LIMITED (MATS), PIC 932440534, established in MALTA INTERNATIONAL AIRPORT, LUQA LQA 5000, Malta,

hereby agrees

to become beneficiary

in Agreement No 101233005 — 24-EU-TG-CLEAN ATM 3 ('the Agreement')

between EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION (EUROCONTROL) **and the European Climate, Infrastructure and Environment Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

SCANDINAVIAN AIRLINES SYSTEM SAS CONSORTIUM (SAS), PIC 973540404,
established in, STOCKHOLM SE-195 87, Sweden,

hereby agrees

to become beneficiary

in Agreement No 101233005 — 24-EU-TG-CLEAN ATM 3 ('the Agreement')

between EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR
NAVIGATION (EUROCONTROL) **and the European Climate, Infrastructure and Environment
Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers
delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement,
in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in
accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

European Air Transport Leipzig GmbH (EAT Leipzig), PIC 875402594, established in August-Euler Strasse 1, Schkeuditz 04435, Germany,

hereby agrees

to become beneficiary

in Agreement No 101233005 — 24-EU-TG-CLEAN ATM 3 ('the Agreement')

between EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION (EUROCONTROL) **and the European Climate, Infrastructure and Environment Executive Agency (CINEA)** ('EU executive agency' or 'granting authority'), under the powers delegated by the European Commission ('European Commission'),

and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary

ANNEX 4 CEF MGA — MULTI + MONO

FINANCIAL STATEMENT FOR [PARTICIPANT NAME] FOR REPORTING PERIOD [NUMBER]

	Eligible ¹ costs (per budget category)															EU contribution ²					Revenues
	Direct costs													Indirect costs	Total costs	EU contribution to eligible costs			Total requested EU contribution	Income generated by the action	
	A. Personnel costs		B. Subcontracting costs	C. Purchase costs			D. Other cost categories					E. Indirect costs ²	Funding rate % ³	Maximum EU contribution ⁴		Requested EU contribution					
	A.1 Employees (or equivalent)	A.4 SME owners and natural person beneficiaries	B. Subcontracting	C.1 Travel and subsistence			C.2 Equipment	C.3 Other goods, works and services	D.X Financial support to third parties	[OPTION for infrastructure Projects: D.2 Studies]	[OPTION for infrastructure Projects: D.3 Synergetic elements]	[OPTION for infrastructure Projects: D.4 Works in outermost regions]	[OPTION for infrastructure Projects: D.5 Land purchases]	E. Indirect costs							
A.2 Natural persons under direct contract			Travel	Accommodation	Subsistence																
A.3 Seconded persons																					
Forms of funding	Actual costs	Unit costs (usual accounting practices)	Unit costs ⁵	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	[Actual costs]	[Actual costs]	[Actual costs]	[Actual costs]	Flat-rate costs ⁶							
	a1	a2	a3	b	c1a	c1b	c1c	c2	c3	d1a	[d2]	[d3]	[d4]	[d5]	e = flat-rate * (a1 + a2 + a3 + b + c1a + c1b + c1c + c2 + c3 + d1a + d2 + d3 + d4 + d5) [+ d2][+ d3][+ d4][+ d5]	f = a+b+c+d+e	[U] [V, W, X]	[g = f*U%] [g = (a1 + a2 + a3) * V% + b *V% + (+c1a + c1b + c1c + c2 + c3) *V% + (d1a + d3 + d5)*V% + d2*W% + d4*X% + e*V%]	h	m	n
XX – [short name beneficiary/affiliated entity]																					

The beneficiary/affiliated entity hereby confirms that:

The information provided is complete, reliable and true.

The costs and contributions declared are eligible (see Article 6).

The costs and contributions can be substantiated by adequate records and supporting documentation that will be produced upon request or in the context of checks, reviews, audits and investigations (see Articles 19, 20 and 25).

For the last reporting period: that all the revenues have been declared (see Article 22).

① Please declare all eligible costs and contributions, even if they exceed the amounts indicated in the estimated budget (see Annex 2). Only amounts that were declared in your individual financial statements can be taken into account lateron, in order to replace costs/contributions that are found to be ineligible.

¹ See Article 6 for the eligibility conditions. All amounts must be expressed in EUR (see Article 21 for the conversion rules).

² If you have also received an EU operating grant during this reporting period, you cannot claim indirect costs - unless you can demonstrate that the operating grant does not cover any costs of the action. This requires specific accounting tools. Please contact us immediately via the Funding & Tenders Portal for details.

³ See Data Sheet for the reimbursement rate(s).

⁴ This is the *theoretical* amount of EU contribution to costs that the system calculates automatically (by multiplying the reimbursement rates by the costs declared). The amount you request (in the column 'requested EU contribution') may be less.

⁵ See Annex 2a 'Additional information on the estimated budget' for the details (units, cost per unit).

⁶ See Data Sheet for the flat-rate.

ANNEX 5

SPECIFIC RULES

CONFIDENTIALITY AND SECURITY (— ARTICLE 13)

Sensitive information with security recommendation

Sensitive information with a security recommendation must comply with the additional requirements imposed by the granting authority.

Before starting the action tasks concerned, the beneficiaries must have obtained all approvals or other mandatory documents needed for implementing the task. The documents must be kept on file and be submitted upon request by the coordinator to the granting authority. If they are not in English, they must be submitted together with an English summary.

For requirements restricting disclosure or dissemination, the information must be handled in accordance with the recommendation and may be disclosed or disseminated only after written approval from the granting authority.

EU classified information

If EU classified information is used or generated by the action, it must be treated in accordance with the security classification guide (SCG) and security aspect letter (SAL) set out in Annex 1 and Decision 2015/444¹ and its implementing rules — until it is declassified.

Deliverables which contain EU classified information must be submitted according to special procedures agreed with the granting authority.

Action tasks involving EU classified information may be subcontracted only with prior explicit written approval from the granting authority and only to entities established in an EU Member State or in a non-EU country with a security of information agreement with the EU (or an administrative arrangement with the Commission).

EU classified information may not be disclosed to any third party (including participants involved in the action implementation) without prior explicit written approval from the granting authority.

INTELLECTUAL PROPERTY RIGHTS (IPR) — BACKGROUND AND RESULTS — ACCESS RIGHTS AND RIGHTS OF USE (— ARTICLE 16)

¹ Commission Decision 2015/444/EC, Euratom of 13 March 2015 on the security rules for protecting EU classified information (OJ L 72, 17.3.2015, p. 53).

Rights of use of the granting authority on results for information, communication, dissemination and publicity purposes

The granting authority also has the right to exploit non-sensitive results of the action for information, communication, dissemination and publicity purposes, using any of the following modes:

- **use for its own purposes** (in particular, making them available to persons working for the granting authority or any other EU service (including institutions, bodies, offices, agencies, etc.) or EU Member State institution or body; copying or reproducing them in whole or in part, in unlimited numbers; and communication through press information services)
- **distribution to the public** in hard copies, in electronic or digital format, on the internet including social networks, as a downloadable or non-downloadable file
- **editing** or **redrafting** (including shortening, summarising, changing, correcting, cutting, inserting elements (e.g. meta-data, legends or other graphic, visual, audio or text elements) extracting parts (e.g. audio or video files), dividing into parts or use in a compilation
- **translation** (including inserting subtitles/dubbing) in all official languages of EU
- **storage** in paper, electronic or other form
- **archiving** in line with applicable document-management rules
- the right to authorise **third parties** to act on its behalf or sub-license to third parties, including if there is licensed background, any of the rights or modes of exploitation set out in this provision
- **processing**, analysing, aggregating the results and **producing derivative works**
- **disseminating** the results in widely accessible databases or indexes (such as through 'open access' or 'open data' portals or similar repositories, whether free of charge or not.

The beneficiaries must ensure these rights of use for the whole duration they are protected by industrial or intellectual property rights.

If results are subject to moral rights or third party rights (including intellectual property rights or rights of natural persons on their image and voice), the beneficiaries must ensure that they comply with their obligations under this Agreement (in particular, by obtaining the necessary licences and authorisations from the rights holders concerned).

COMMUNICATION, DISSEMINATION AND VISIBILITY (— ARTICLE 17)

Communication and dissemination plan

Where imposed by the call conditions, the beneficiaries must provide a detailed communication and dissemination plan, setting out the objectives, key messaging, target audiences, communication channels, social media plan, planned budget and relevant

indicators for monitoring and evaluation. **Additional communication and dissemination activities**

The beneficiaries must engage in the following additional communication and dissemination activities:

- **present the project** (including project summary, coordinator contact details, list of participants, European flag and funding statement and project results) on the beneficiaries' **websites** or **social media accounts**
- for actions involving equipment, infrastructure or works, display public **plaques** or **billboards** as soon as the work on the action starts and a **permanent commemorative plaque** once it is finished, with the European flag and funding statement
- upload the public **project results** to the CEF Project Results platform, available through the Funding & Tenders Portal.

SPECIFIC RULES FOR CARRYING OUT THE ACTION (— ARTICLE 18)

Member State information

The beneficiaries must keep the Member States that support the action informed about its progress.

To this effect, the coordinator must provide the reports submitted in accordance with Article 21 to the concerned the Member States representatives (listed on the granting authority's website). This can be done either by email or by giving them access to the reports in the Funding & Tenders Portal.

Implementation in case of restrictions due to security

Where the call conditions restrict participation or control due to security reasons, the beneficiaries must ensure that none of the entities that participate as affiliated entities, associated partners, subcontractors or recipients of financial support to third parties are established in countries which are not eligible countries or target countries set out in the call conditions (or are controlled by such countries or entities from such countries).

The beneficiaries must moreover ensure that any cooperation with entities established in countries which are not eligible countries or target countries set out in the call conditions (or are controlled by such countries or entities from such countries) does not affect the security interests and avoids potential negative effects over security of supply of inputs critical to the action.

Specific rules for digital infrastructure projects

When implementing digital infrastructure projects, the beneficiaries must ensure that the network technologies and equipment (including software and services) funded by the action comply with the security requirements and assessments as reflected in the applicable EU, international and national law on cybersecurity and on data protection.

Moreover, where the call conditions impose wholesale access obligations, the beneficiaries must provide wholesale access to the digital infrastructure funded by the action, under fair and

reasonable conditions, in a non-discriminatory manner and in accordance with the call conditions.

Specific rules for ATM common projects

When implementing actions for the implementation of common projects established under Regulation (EU) No 409/2013², the beneficiaries must ensure that their actions comply with the deployment programme referred to in Article 11 of that Regulation (as published on the Europa website).

Durability

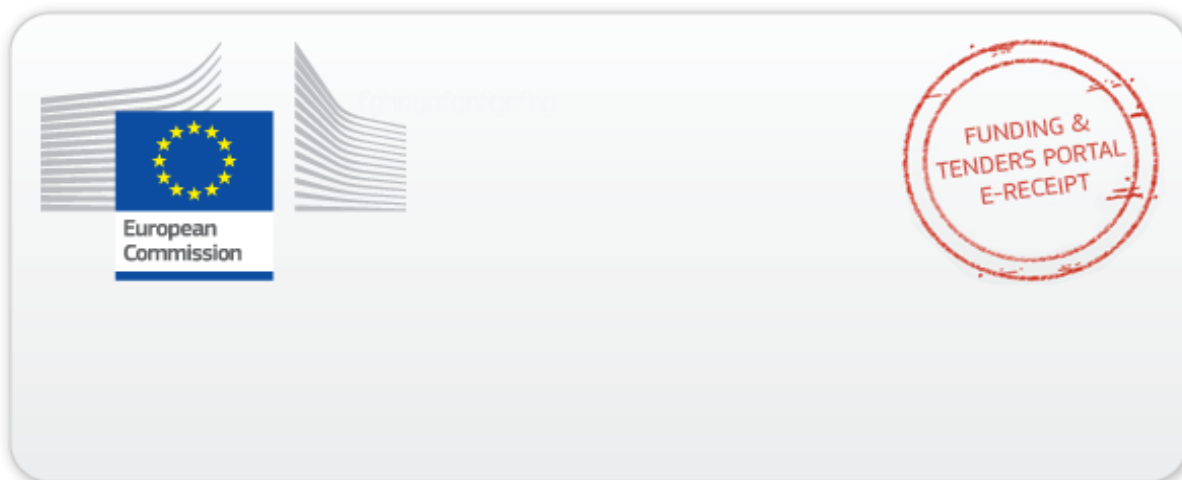
Unless exempted by the granting authority, the beneficiaries must commit to continue to use and maintain after the end of the action equipment bought and fully reimbursed by the action, for activities pursuing the action's objectives. Such equipment must be used for these purposes — for at least five years after the end of the action (see Data Sheet, Point 1) or until the end of its economic lifespan (i.e. until it has been fully depreciated) — whichever is earlier.

Specific rules for blending operations

When implementing blending operations, the beneficiaries acknowledge and accept that:

- the grant depends on the approved financing from the Implementing Partner and/or public or private investors for the project
- they must inform the granting authority both about the approval for financing and the financial close — within 15 days
- both actions will be managed and monitored in parallel and in close coordination with the Implementing Partner, in particular:
 - all information, data and documents (including the due diligence by the Implementing Partner and the signed agreement) may be exchanged and may be relied on for the management of the other action (if needed)
 - issues in one action may impact the other (e.g. suspension or termination in one action may lead to suspension also of the other action; termination of the grant will normally suspend and exit from further financing and vice versa, etc.)
- the granting authority may disclose confidential information also to the Implementing Partner.

² Commission Implementing Regulation (EU) No 409/2013 of 3 May 2013 on the definition of common projects, the establishment of governance and the identification of incentives supporting the implementation of the European Air Traffic Management Master Plan (OJ L 123, 4.5.2013, p. 1).



This electronic receipt is a digitally signed version of the document submitted by your organisation. Both the content of the document and a set of metadata have been digitally sealed.

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Any attempt to modify the content will lead to a break of the integrity of the electronic signature, which can be verified at any time by clicking on the eReceipt validation symbol.

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