

**DELIBERA DEL DIRETTORE GENERALE****483 / 2024 del 19/11/2024**

**Oggetto: CONNECTING EUROPE FACILITY" (CEF) - PROGETTO "ECALL NEXT GENERATION"- ADESIONE PROGETTUALITÀ, SOTTOSCRIZIONE ACCORDI E AVVIO DEL PROGETTO**

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**OGGETTO:** CONNECTING EUROPE FACILITY" (CEF) - PROGETTO "ECALL NEXT GENERATION" - ADESIONE PROGETTUALITÀ, SOTTOSCRIZIONE ACCORDI E AVVIO DEL PROGETTO

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vista la seguente proposta di deliberazione avanzata dal Direttore della Struttura Complessa Affari Generali e Legali

### IL DIRETTORE GENERALE

**PREMESSO** che l'Agenda Regionale Emergenza Urgenza (AREU) è un Ente del S.S.R. disciplinato dall'art. 16 L.R. 30.12.2009 n. 33 e s.m.i. e attivato dalla DGR n. 2701/2019 e dalla DGR n. 4078/2020;

**VISTA** la deliberazione dell'Agenda n. 1/2024 "PRESA D'ATTO DELLA D.G.R. N. XII/1650 DEL 21/12/2023 DETERMINAZIONI IN ORDINE ALLA DIREZIONE DELL'AGENZIA REGIONALE EMERGENZA URGENZA (AREU) – (DI CONCERTO CON L'ASSESSORE BERTOLASO)" di nomina del Dott. Massimo Lombardo a Direttore Generale dell'Agenda Regionale Emergenza Urgenza (AREU);

**RICHIAMATO** il Regolamento (UE) n.1153/2021 del Parlamento Europeo e del Consiglio del 7 luglio 2021, che istituisce il meccanismo per collegare l'Europa e che contribuisce alla realizzazione di progetti di interesse comune per quanto riguarda reti e infrastrutture efficienti, interconnesse e multimodali per una mobilità intelligente, interoperabile, sostenibile, inclusiva accessibile e sicura nonché all'adeguamento di porzioni della rete TEN-T ai fini di un duplice uso dell'infrastruttura per migliorare sia la mobilità civile che quella militare;

**CONSIDERATO** che il regolamento sopra richiamato all'Art. 11 prevede che le proposte di progetti comuni debbano essere presentate alla Commissione da uno o più Stati membri o, d'intesa con gli Stati membri interessati, dagli organismi internazionali, dalle imprese comuni o da imprese oppure organismi pubblici o privati, comprese le autorità regionali e locali, stabiliti negli Stati membri o nei Paesi terzi associati al CEF o in un paese o territorio d'oltremare e organismi riconosciuti in paesi terzi, ove la loro partecipazione sia necessaria per il conseguimento degli obiettivi e ove essa sia debitamente giustificata;

**PRESO ATTO** che con:

- Decisione della Commissione Europea n. C(2021)5763 finale è stato approvato il programma di lavoro multi annuella per la concessione di sovvenzioni nel settore delle infrastrutture di trasporto transeuropee (TRN-T) nell'ambito del meccanismo per collegare l'Europa Denominato "connecting Europe Facility" (CEF);
- Decisione della Commissione europea n. C(2023) 4886 final, che emenda la Decisione C(2021) 5763 final, è stato approvato il programma di lavoro multi annuale per la concessione di sovvenzioni nel settore delle infrastrutture di trasporto transeuropee (TEN-T) nell'ambito del meccanismo per collegare

l'Europa denominato "Connecting Europe Facility" (CEF) per il periodo 2021-2027;

**DATO ATTO** che, ai sensi del sopra richiamato Regolamento UE n. 1153/2023 del Parlamento Europeo e del Consiglio, il progetto denominato "eCall NG" è identificabile quale progetto di interesse comune (Art. 2 lett. q));

**EVIDENZIATO** che AREU ha inteso partecipare al suddetto progetto, della durata di 36 mesi, in qualità di "Beneficiario" del progetto, quale parte di un consorzio internazionale che vede la partecipazione di 11 nazioni e ha come project coordinator ITS Mobility GmbH (Germania);

**CONSIDERATO** che AREU ha positivamente valutato il possibile giovamento concreto derivante dagli outcomes del già menzionato Progetto applicati alle finalità e funzioni proprie di AREU;

**DATO ATTO**, che il progetto presentato è stato approvato dalla European Climate, Infrastructure and Environment Executive Agency (CINEA) e che pertanto, ad AREU è stato accordato un finanziamento massimo pari ad € 319.000,00, che corrisponde al 50% dei costi stimati per la sua realizzazione quale quota dell'importo dei costi valutati "eleggibili" sulla base del budget presentato a fronte delle attività programmate;

**SEGNALATO** inoltre che per l'accesso ai rimborsi dei costi sostenuti, è prevista la rendicontazione periodica degli stessi, secondo le tempistiche e le modalità indicate nel Grant Agreement;

**RITENUTO** opportuno, pertanto, a seguito dell'approvazione del progetto e della determinazione del finanziamento massimo conseguibile, autorizzare la sottoscrizione del Grant Agreement con la European Climate, Infrastructure and Environment Executive Agency (CINEA), allegato quale parte integrante e sostanziale del presente provvedimento, necessaria all'avvio delle attività previste dal progetto;

**PRESO ATTO** che il Proponente del procedimento attesta la completezza, la regolarità tecnica e la legittimità del presente provvedimento;

**ACQUISITI** i pareri favorevoli del Direttore Amministrativo e del Direttore Sanitario, resi per quanto di specifica competenza ai sensi dell'art. 3 del D. Lgs. n. 502/1992 e s.m.i.;

### **DELIBERA**

Per tutti i motivi in premessa indicati e integralmente richiamati:

1. di prendere atto della partecipazione di AREU al progetto europeo denominato "eCall NG" della durata di 36 mesi, in qualità di "Beneficiario" del progetto, quale parte di un consorzio internazionale che vede la partecipazione di 11 nazioni e ha come project coordinator ITS Mobility GmbH (Germania);
2. di approvare, autorizzandone la sottoscrizione, lo schema di Grant Agreement con la European Climate, Infrastructure and Environment Executive Agency (CINEA), allegato quale parte integrante e sostanziale del presente provvedimento, e di dare avvio delle attività previste dal progetto;
3. di dare atto che dal presente provvedimento derivano proventi a rimborso dei costi

sostenuti per le attività del progetto per massimi € 319.000,00 da contabilizzare nella contabilità dell'Agenzia degli anni 2024, 2025, 2026, 2027, al conto 30101220 "CONTRIBUTI IN C/ESERCIZIO DA U.E. (EXTRA FSR INDISTINTO)": codice progetto: eCall NG;

4. di dare atto che, ai sensi della L. n. 241/1990, responsabile del presente procedimento è il dott. Gabriele Dassi, Direttore S. C. Sistemi Informativi di AREU;
5. di disporre che vengano rispettate tutte le prescrizioni inerenti alla pubblicazione sul portale web dell'Agenzia, di tutte le informazioni e i documenti richiesti e necessari ai sensi del D.Lgs. n. 33/2013 e s.m.i., c.d. Amministrazione Trasparente;
6. di disporre la pubblicazione del presente provvedimento all'Albo Pretorio on line dell'Agenzia, dando atto che lo stesso è immediatamente esecutivo (ex art. 32 comma 5 L. n. 69/2009 s.m.i. e art. 17 comma 6 L.R. n. 33/2009).

La presente delibera è sottoscritta digitalmente, ai sensi dell'art. 21 D.Lgs. n. 82/2005 e s.m.i., da:

Il Direttore Amministrativo Andrea Albonico

Il Direttore Sanitario Gabriele Mario Perotti

Il Direttore Generale Massimo Lombardo



## EUROPEAN CLIMATE, INFRASTRUCTURE AND ENVIRONMENT EXECUTIVE AGENCY (CINEA)

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

### GRANT AGREEMENT

**Project 101175713 — 23-EU-TG-eCall NG**

#### 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':

**ITS MOBILITY GMBH (DE\_ITSm)**, PIC 985895876, established in HERMANN BLENK STRASSE 22 A, BRAUNSCHWEIG 38108, Germany,

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

2. **OECON PRODUCTS & SERVICES GMBH (DE\_OECON)**, PIC 984258322, established in HERMANN BLENK STRASSE 22, BRAUNSCHWEIG 38108, Germany,

3. **hilynX GmbH (DE\_hilynX)**, PIC 880235813, established in Hermann-Blenk-Strasse 22 a, Braunschweig 38108, Germany,

4. **EUROPEAN EMERGENCY NUMBER ASSOCIATION ASBL (BE\_EENA)**, PIC 997490577, established in AVENUE DE LA TOISON D'OR 79, BRUXELLES 1060, Belgium,

5. **TECHNOLOGIKO PANEPISTIMIO KYPROU (CY\_CUT)**, PIC 999597223, established in ARCHBISHOP KYPRIANOS 31 SAVINGS COOPERATIVE BANK BUILDING 3RD FLOOR, LEMESOS 3036, Cyprus,

6. **AGENCIA VALENCIANA DE SEGURIDAD Y RESPUESTA A LAS EMERGENCIAS (ES\_AVSRE)**, PIC 906266733, established in C/DE LA DEMOCRACIA 77 CIUDAD ADVA 9 DE OCTUBRE TORRE 4, VALENCIA 46118, Spain,

7. **AXENCIA GALEGA DE EMERXENCIAS (ES\_AXEGA)**, PIC 997320051, established in CALLE RAIXERA 52, SANTIAGO DE COMPOSTELA A CORUNA 15707, Spain,

8. **FUNDACION PARA LA PROMOCION DE LA INNOVACION INVESTIGACION Y DESARROLLO TECNOLOGICO EN LA INDUSTRIA DE AUTOMOCION DE GALICIA (ES\_CTAG)**, PIC 999603819, established in POLIGONO INDUSTRIAL A GRANXA CALLE A PARCELAS 249-250, PORRINO PONTEVEDRA 36400, Spain,
9. **JEFATURA CENTRAL DE TRAFICO (ES\_DGT)**, PIC 962730433, established in CALLE JOSEFA VALCARCEL 28, MADRID 28027, Spain,
10. **IDIADA AUTOMOTIVE TECHNOLOGY SA (ES\_IDIADA)**, PIC 999788313, established in L ALBORNAR, SANTA OLIVA 43710, Spain,
11. **FORO DE NUEVAS TECNOLOGIAS EN EL TRANSPORTE, ITS ESPANA ASOCIACION (ES\_ITS)**, PIC 985150431, established in CALLE GOYA 23 3 DERECHA, MADRID 28001, Spain,
12. **AGENZIA REGIONALE EMERGENZA URGENZA (IT\_AREU)**, PIC 891341925, established in VIALE MONZA 223, MILANO 20125, Italy,
13. **CORPS GRAND DUCAL D INCENDIE ET DE SECOURS (LU\_CGDIS)**, PIC 911648875, established in 3 BOULEVARD DE KOCKELSCHEUER, LUXEMBOURG 1821, Luxembourg,
14. **SERVICIUL NATIONAL UNIC PENTRU APELURILE DE URGENTA 112 (MD\_112)**, PIC 876582211, established in Com Bacioi, Dacia avenue 58/C, Chisinau MD-6812, Moldova,
15. **GREENSOFT SRL (RO\_GS)**, PIC 918709602, established in STR. HAN TATAR NR. 4 BLOC 360A ETAJ 1 AP.3, IASI 700349, Romania,
16. **ORANGE ROMANIA SA (RO\_ORO)**, PIC 954892445, established in BULEVARDUL LASCAR CATARGIU 51-53 SECTOR 1, BUCURESTI 010665, Romania,
17. **RADCOM SA (RO\_RADCOM)**, PIC 937925108, established in 2C GEORGE CONSTANTINESCU STRADA ETAJ 5 6, BUCURESTI 020339, Romania,
18. **UNIVERSITATEA ROMANO AMERICANA ASOCIATIE (RO\_RAU)**, PIC 984930435, established in BULEVARDUL EXPOZITIEI 1B SECTOR 1, BUCURESTI 012101, Romania,
19. **SERVICIUL DE TELECOMUNICATII SPECIALE (RO\_STS)**, PIC 936947348, established in SPLAIUL INDEPENDENTEI 323 A SECTOR 6, BUCURESTI 060044, Romania,
20. **TELEKOM ROMANIA MOBILE COMMUNICATIONS SA (RO\_TRM)**, PIC 933474554, established in BLD. EXPOZITIEI 1C CLADIREA B1 ETAJELE 1 2 SI 3 SECTOR 1, BUCURESTI 012101, Romania,
21. **HESSISCHES MINISTERIUM DES INNERN UND FUR SPORT (DE\_HMdis)**, PIC 951698041, established in FRIEDRICH-EBERT-ALLEE 12, WIESBADEN 65185, Germany,
22. **FREIE UND HANSESTADT HAMBURG (DE\_FHH)**, PIC 998928602, established in RATHAUSMARKT 1, HAMBURG 20095, Germany,
23. **ZWECKVERBAND FUR RETTUNGSDIENST UND FEUERWEHRALARMIERUNG SAAR (DE\_ZRF-Saar)**, PIC 879303158, established in SAARPFALZ-PARK 9, BEXBACH 66450, Germany,

24. **BAYERISCHES STAATSMINISTERIUM DES INNERN, FÜR SPORT UND INTEGRATION (DE\_BY-StMI)**, PIC 999637769, established in ODEONSPLATZ 3, MUENCHEN 80539, Germany,
25. **STADT FREIBURG (DE\_BW-FR)**, PIC 956794421, established in RATHAUSPLATZ 2-4, FREIBURG 79098, Germany,
26. **DRK-RETTUNGSDIENST TUTTLINGEN GEMEINNÜTZIGE GMBH (DE\_BW-TUT)**, PIC 879653619, established in ECKENERSTRASSE 1, TUTTLINGEN 78532, Germany,
27. **STADT ULM (DE\_BW-UL)**, PIC 941175578, established in MARKPLATZ 1, ULM 89073, Germany,
28. **STADT BOCHUM (DE\_NW-BO)**, PIC 946910024, established in WILLY BRANDT PLATZ 2-6, BOCHUM 44787, Germany,
29. **STADT DORTMUND (DE\_NW-DO)**, PIC 997899141, established in FRIEDENSPLATZ 1, DORTMUND 44122, Germany,
30. **STADT HERNE (DE\_NW-HER)**, PIC 886122646, established in FRIEDRICH-EBERT-PLATZ 2, HERNE 44629, Germany,
31. **Kreisverwaltung Olpe (DE\_NW-OE)**, PIC 879476788, established in Westfälische Straße 75, Olpe 57462, Germany,
32. **HANSESTADT LUEBECK (DE\_SH-HL)**, PIC 948393639, established in Schildstrasse 12, Luebeck 23539, Germany,
33. **LANDKREIS STENDAL (DE\_ST-SDL)**, PIC 879452441, established in HOSPITALSTRASSE 1-2, STENDAL 39576, Germany,
34. **STADTVERWALTUNG ERFURT (DE\_TH-EF)**, PIC 879390264, established in FISCHMARKT 1, ERFURT 99084, Germany,
35. **Stadt Gera (DE\_TH-G)**, PIC 939965406, established in Kornmarkt 12, Gera 07545, Germany,
36. **Landkreis Nordhausen (DE\_TH-NDH)**, PIC 915376391, established in Grimmelallee 23, Nordhausen 99734, Germany,
37. **Landkreis Schmalkalden-Meiningen (DE\_TH-SM)**, PIC 905006703, established in Obertshäuser Platz 1, Meiningen 98617, Germany,
38. **RETTUNGSDIENSTZWECKVERBANDES SÜDTHURINGEN (DE\_TH-RDZV)**, PIC 879142429, established in RENNSTEIGSTRASSE 10, ZELLA-MEHLIS 98544, 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 action<sup>1</sup>

Annex 2 Estimated budget for the action

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

Annex 3 Accession forms (if applicable)<sup>2</sup>

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

Annex 4 Model for the financial statements

Annex 5 Specific rules (if applicable)

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<sup>1</sup> Template published on [Portal Reference Documents](#).

<sup>2</sup> Template published on [Portal Reference Documents](#).

<sup>3</sup> Template published on [Portal Reference Documents](#).

## **TERMS AND CONDITIONS**

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## DATA SHEET

### 1. General data

Project summary:

Project summary
<p>The X_HeERO project is focused on preparing Public Safety Answering Points (PSAPs) in EU member states for the upcoming implementation of Next Generation (NG) eCall, based on the emergency number 112. The project aims to ensure that PSAPs across Europe are fully equipped to handle eCalls using modern packet-switched technology, which enables faster and more reliable data transmission during emergency calls. This transition is essential as mobile communication networks increasingly move away from circuit-switched technology. The primary objective of X_HeERO is to create a comprehensive blueprint that guides PSAPs in upgrading their infrastructure to support NG eCall. This blueprint will cover hardware, software, and procedural upgrades necessary for PSAPs to be interoperable across borders and to handle digital data exchanges with other entities, such as traffic management centers. The project will include extensive testing to ensure that the entire communication flow—from vehicles to PSAPs—works seamlessly. In addition to infrastructure upgrades, X_HeERO will address several key challenges in the eCall system. These include improving the integration of data from third-party service providers (TPS), better handling of eCall data from vulnerable road users and autonomous vehicles, and optimizing emergency response and network management within the Trans-European Transport (TenT) network. The project will also evaluate issues identified in earlier initiatives, offering solutions to enhance the usability and reach of the eCall system. The expected results include enhanced emergency response times, better cross-border interoperability, and an overall improvement in road safety across Europe. By 2026, the project aims for all participating PSAPs to be fully prepared for NG eCall, ultimately reducing casualties and improving traffic incident management on European roads.</p>

Keywords:

- eCall, CCAM, VRU, NG eCall, PSAP

Project number: 101175713

Project name: X\_HeERO – eCall Next Generation

Project acronym: 23-EU-TG-eCall NG

Call: CEF-T-2023-SIMOBGEN

Topic: CEF-T-2023-SIMOBGEN-ITS-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 March 2024

Project end date: 30 June 2027

Project duration: 40 months

Consortium agreement: Yes

### 2. Participants

List of participants:

N°	Role	Short name	Legal name	Ctry	PIC	Total eligible costs (BEN and AE)	Max grant amount
1	COO	DE_ITSm	ITS MOBILITY GMBH	DE	985895876	572 020.00	286 010.00
2	BEN	DE_OECON	OECON PRODUCTS & SERVICES GMBH	DE	984258322	1 015 000.00	507 500.00
3	BEN	DE_hilyn	hilyn GmbH	DE	880235813	376 160.00	188 080.00

N°	Role	Short name	Legal name	Ctry	PIC	Total eligible costs (BEN and AE)	Max grant amount
4	BEN	BE_EENA	EUROPEAN EMERGENCY NUMBER ASSOCIATION ASBL	BE	997490577	340 000.00	170 000.00
5	BEN	CY_CUT	TECHNOLOGIKO PANEPISTIMIO KYPROU	CY	999597223	220 250.00	110 125.00
6	BEN	ES_AVSRE	AGENCIA VALENCIANA DE SEGURIDAD Y RESPUESTA A LAS EMERGENCIAS	ES	906266733	156 000.00	78 000.00
7	BEN	ES_AXEGA	AXENCIA GALEGA DE EMERXENCIAS	ES	997320051	100 000.00	50 000.00
8	BEN	ES_CTAG	FUNDACION PARA LA PROMOCION DE LA INNOVACION INVESTIGACION Y DESARROLLO TECNOLOGICO EN LA INDUSTRIA DE AUTOMOCION DE GALICIA	ES	999603819	850 000.00	425 000.00
9	BEN	ES_DGT	JEFATURA CENTRAL DE TRAFICO	ES	962730433	60 000.00	30 000.00
10	BEN	ES_IDIADA	IDIADA AUTOMOTIVE TECHNOLOGY SA	ES	999788313	431 000.00	215 500.00
11	BEN	ES_ITS	FORO DE NUEVAS TECNOLOGIAS EN EL TRANSPORTE, ITS ESPANA ASOCIACION	ES	985150431	160 000.00	80 000.00
12	BEN	IT_AREU	AGENZIA REGIONALE EMERGENZA URGENZA	IT	891341925	638 000.00	319 000.00
13	BEN	LU_CGDIS	CORPS GRAND DUCAL D INCENDIE ET DE SECOURS	LU	911648875	200 000.00	100 000.00
14	BEN	MD_112	SERVICIUL NATIONAL UNIC PENTRU APELURILE DE URGENTA 112	MD	876582211	2 127 000.00	1 063 500.00
15	BEN	RO_GS	GREENSOFT SRL	RO	918709602	2 252 280.00	1 126 140.00
16	BEN	RO_ORO	ORANGE ROMANIA SA	RO	954892445	518 900.00	259 450.00
17	BEN	RO_RADCOM	RADCOM SA	RO	937925108	537 312.00	268 656.00
18	BEN	RO_RAU	UNIVERSITATEA ROMANO AMERICANA ASOCIATIE	RO	984930435	100 000.00	50 000.00
19	BEN	RO_STS	SERVICIUL DE TELECOMUNICATII SPECIALE	RO	936947348	1 374 800.00	687 400.00
20	BEN	RO_TRM	TELEKOM ROMANIA MOBILE COMMUNICATIONS SA	RO	933474554	625 000.00	312 500.00
21	BEN	DE_HMdis	HESSISCHES MINISTERIUM DES INNERN UND FUR SPORT	DE	951698041	2 360 000.00	1 180 000.00
22	BEN	DE_FHH	FREIE UND HANSESTADT HAMBURG	DE	998928602	128 000.00	64 000.00
23	BEN	DE_ZRF-Saar	ZWECKVERBAND FUR RETTUNGSDIENST UND FEUERWEHRALARMIERUNG SAAR	DE	879303158	129 000.00	64 500.00
24	BEN	DE_BY-StMI	BAYERISCHES STAATSMINISTERIUM DES INNERN, FUR SPORT UND INTEGRATION	DE	999637769	1 937 500.00	968 750.00
25	BEN	DE_BW-FR	STADT FREIBURG	DE	956794421	528 500.00	264 250.00
26	BEN	DE_BW-TUT	DRK-RETTUNGSDIENST TUTTLINGEN GEMEINNÜTZIGE GMBH	DE	879653619	130 000.00	65 000.00
27	BEN	DE_BW-UL	STADT ULM	DE	941175578	100 000.00	50 000.00
28	BEN	DE_NW-BO	STADT BOCHUM	DE	946910024	150 000.00	75 000.00
29	BEN	DE_NW-DO	STADT DORTMUND	DE	997899141	173 200.00	86 600.00
30	BEN	DE_NW-HER	STADT HERNE	DE	886122646	150 000.00	75 000.00
31	BEN	DE_NW-OE	Kreisverwaltung Olpe	DE	879476788	74 000.00	37 000.00
32	BEN	DE_SH-HL	HANSESTADT LUEBECK	DE	948393639	30 000.00	15 000.00
33	BEN	DE_ST-SDL	LANDKREIS STENDAL	DE	879452441	32 000.00	16 000.00
34	BEN	DE_TH-EF	STADTVERWALTUNG ERFURT	DE	879390264	132 000.00	66 000.00
35	BEN	DE_TH-G	Stadt Gera	DE	939965406	51 000.00	25 500.00
36	BEN	DE_TH-NDH	Landkreis Nordhausen	DE	915376391	131 000.00	65 500.00
37	BEN	DE_TH-SM	Landkreis Schmalkalden-Meiningen	DE	905006703	150 000.00	75 000.00
38	BEN	DE_TH-RDZV	RETTUNGSDIENSTZWECKVERBANDES SÜDTHURINGEN	DE	879142429	150 000.00	75 000.00
39	AP	CZ_SDT	SDRUZENI PRO DOPRAVNI TELEMATIKU	CZ	969680483	0.00	0.00



N°	Role	Short name	Legal name	Ctry	PIC	Total eligible costs (BEN and AE)	Max grant amount
40	AP	DE_CAT	CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH	DE	887521871	0.00	0.00
41	AP	FI_ERCA	Emergency Response Centre Agency	FI	879857416	0.00	0.00
42	AP	RO_ANCOM	Autoritatea Nationala pentru Administrare si Reglementare in Comunicatii din Romania	RO	918005867	0.00	0.00
43	AP	RO_RCS-RDS	RCS & RDS S.A.	RO	926080341	0.00	0.00
44	AP	RO_VF	Vodafone Romania SA	RO	940538967	0.00	0.00
45	AP	UK_VESOS	VESOS Solutions Ltd	UK	879671952	0.00	0.00
<b>Total</b>						19 189 922.00	9 594 961.00

**Coordinator:**

- ITS MOBILITY GMBH (DE\_ITSm)

**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)
19 189 922.00	50, 70, 50	9 594 961.00	9 594 961.00

**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
1	1	22	Periodic report	60 days after end of reporting period	Interim payment	90 days from receiving periodic report
2	23	40	Periodic report	60 days after end of reporting period	Final payment	90 days from receiving periodic report

**Prefinancing payments and guarantees:**

Prefinancing payment		Prefinancing guarantee		
Type	Amount	Guarantee amount	Division per participant	
Prefinancing 1 (initial)	3 358 236.35	3 358 236.35	1 - DE_ITSm	3 358 236.35
			2 - DE_OECON	n/a
			3 - DE_hilynX	n/a

Prefinancing payment		Prefinancing guarantee	
Type	Amount	Guarantee amount	Division per participant
			4 - BE_EENA
			n/a
			5 - CY_CUT
			n/a
			6 - ES_AVSRE
			n/a
			7 - ES_AXEGA
			n/a
			8 - ES_CTAG
			n/a
			9 - ES_DGT
			n/a
			10 - ES_IDIADA
			n/a
			11 - ES_ITS
			n/a
			12 - IT_AREU
			n/a
			13 - LU_CGDIS
			n/a
			14 - MD_112
			n/a
			15 - RO_GS
			n/a
			16 - RO_ORO
			n/a
			17 - RO_RADCOM
			n/a
			18 - RO_RAU
			n/a
			19 - RO_STS
			n/a
			20 - RO_TRM
			n/a
			21 - DE_HMdis
			n/a
			22 - DE_FHH
			n/a
			23 - DE_ZRF-Saar
			n/a
			24 - DE_BY-StMI
			n/a
			25 - DE_BW-FR
			n/a
			26 - DE_BW-TUT
			n/a
			27 - DE_BW-UL
			n/a
			28 - DE_NW-BO
			n/a
			29 - DE_NW-DO
			n/a
			30 - DE_NW-HER
			n/a
			31 - DE_NW-OE
			n/a
			32 - DE_SH-HL
			n/a
			33 - DE_ST-SDL
			n/a
			34 - DE_TH-EF
			n/a
			35 - DE_TH-G
			n/a
			36 - DE_TH-NDH
			n/a
			37 - DE_TH-SM
			n/a
			38 - DE_TH-RDZV
			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:

DE8425050000202255998 NOLADE2H

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

#### **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)

## **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 187 of EU Financial Regulation 2018/1046<sup>4</sup> 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(36) of EU Financial

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<sup>4</sup> For the definition, see Article 187 Regulation (EU, Euratom) 2018/1046 of the European Parliament and of the Council of 18 July 2018 on the financial rules applicable to the general budget of the Union, amending Regulations (EU) No 1296/2013, (EU) No 1301/2013, (EU) No 1303/2013, (EU) No 1304/2013, (EU) No 1309/2013, (EU) No 1316/2013, (EU) No 223/2014, (EU) No 283/2014, and Decision No 541/2014/EU and repealing Regulation (EU, Euratom) No 966/2012 ('EU Financial Regulation') (OJ L 193, 30.7.2018, p. 1): "**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 136(1) and 141(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".

Regulation 2018/1046, i.e. non-financial resources made available free of charge by third parties.

**Fraud** — Fraud within the meaning of Article 3 of EU Directive 2017/1371<sup>5</sup> and Article 1 of the Convention on the protection of the European Communities' financial interests, drawn up by the Council Act of 26 July 1995<sup>6</sup>, 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 2988/95<sup>7</sup>.

**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 136(1)(c) of EU Financial Regulation 2018/1046.

**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 **101175713 — 23-EU-TG-eCall NG** ('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**

#### **5.1 Form of grant**

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<sup>5</sup> 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).

<sup>6</sup> OJ C 316, 27.11.1995, p. 48.

<sup>7</sup> 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).

The grant is an action grant<sup>8</sup> 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 50% 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)<sup>9</sup> 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
- addition of amounts for subcontracts not provided for in Annex 1 either require an amendment or simplified approval in accordance with Article 6.2

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<sup>8</sup> For the definition, see Article 180(2)(a) EU Financial Regulation 2018/1046: ‘**action grant**’ means an EU grant to finance “an action intended to help achieve a Union policy objective”.

<sup>9</sup> See Article 125 EU Financial Regulation 2018/1046.



- 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 enterprises<sup>10</sup> 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 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.

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<sup>10</sup> 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.

## 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 grant<sup>11</sup> running during the same period 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)

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<sup>11</sup> For the definition, see Article 180(2)(b) of EU Financial Regulation 2018/1046: '**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".

- (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’<sup>12</sup> (or similar, such as European research

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<sup>12</sup> For the definition, see Article 187(2) EU Financial Regulation 2018/1046: “Where several entities satisfy the criteria

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

Not applicable

## 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’:

- **SDRUZENI PRO DOPRAVNI TELEMATIKU (CZ\_SDT)**, PIC 969680483
- **CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH (DE\_CAT)**, PIC 887521871
- **Emergency Response Centre Agency (FI\_ERCA)**, PIC 879857416
- **Autoritatea Nationala pentru Administrare si Reglementare in Comunicatii din Romania (RO\_ANCOM)**, PIC 918005867
- **RCS & RDS S.A. (RO\_RCS-RDS)**, PIC 926080341
- **Vodafone Romania SA (RO\_VF)**, PIC 940538967

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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.”

- **VESOS Solutions Ltd (UK\_VESOS), PIC 879671952**

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/EC<sup>13</sup>
- 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/EC
- 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**

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<sup>13</sup> 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 or similar national regulations (OJ L 157, 9.6.2006, p. 87).

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 154 EU Financial Regulation 2018/1046).

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
- 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 suspension (Article 31): certain costs incurred during grant suspension are eligible (notably, minimum costs necessary for a possible resumption of the action and costs relating to contracts which were entered into before the pre-information letter was received and which could not reasonably be suspended, reallocated or terminated on legal grounds)
- 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 whose assessment has not yet been updated to cover (the new rules on) data protection may rely on their internal systems, rules and procedures, provided that they ensure that personal data is:

- processed lawfully, fairly and in a transparent manner in relation to the data subject
- 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 personal data.

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 2015/444<sup>14</sup> 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.

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<sup>14</sup> 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).



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**

### **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 2018/1725<sup>15</sup>.

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<sup>15</sup> 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).

## 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 2016/679<sup>16</sup>).

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.

## 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

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<sup>16</sup> 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).

(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.

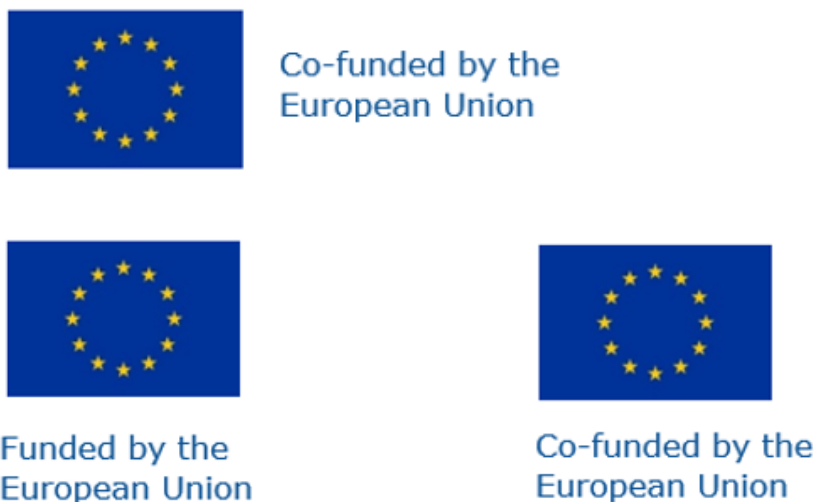
Before engaging in a communication or dissemination activity expected to have a major media impact, the beneficiaries must inform the granting authority.

#### **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):



Funded by the  
European Union



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 continuously 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:

{total accepted EU contribution for the beneficiary

minus

{prefinancing and interim payments received (if any)}.

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:

$$\left\{ \begin{array}{l} \text{final grant amount} \\ \text{minus} \\ \text{prefinancing and interim payments made (if any)} \end{array} \right\}.$$

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 2018/1046.

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 2015/2366<sup>17</sup> 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).

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.

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<sup>17</sup> 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).



## 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/EC<sup>18</sup> (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/EC<sup>19</sup> (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.

### **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.

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<sup>18</sup> 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 or similar national regulations (OJ L 157, 9.6.2006, p. 87).

<sup>19</sup> 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 or similar national regulations (OJ L 157, 9.6.2006, p. 87).

## 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 883/2013<sup>20</sup> and No 2185/96<sup>21</sup>

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<sup>20</sup> 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).

- 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 257 of EU Financial Regulation 2018/1046.

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.

### **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.

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<sup>21</sup> 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).

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), 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), 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), 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), 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 135 to 145 EU Financial Regulation 2018/1046 and Articles 4 and 7 of Regulation 2988/95<sup>22</sup>).

## **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.

## **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).

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<sup>22</sup> 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).

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 1182/71<sup>23</sup>, 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**

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<sup>23</sup> 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).

### 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 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.

<b>PROJECT</b>	
<i>Grant Preparation (General Information screen) — Enter the info.</i>	
<b>Project number:</b>	101175713
<b>Project name:</b>	X_HeERO – eCall Next Generation
<b>Project acronym:</b>	23-EU-TG-eCall NG
<b>Call:</b>	CEF-T-2023-SIMOBGEN
<b>Topic:</b>	CEF-T-2023-SIMOBGEN-ITS-WORKS
<b>Type of action:</b>	CEF-INFRA
<b>Service:</b>	CINEA/B/03
<b>Project starting date:</b>	fixed date: 1 March 2024
<b>Project duration:</b>	40 months

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List of deliverables .....	21
List of milestones (outputs/outcomes) .....	30
List of critical risks .....	31



## 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 X\_HeERO project is focused on preparing Public Safety Answering Points (PSAPs) in EU member states for the upcoming implementation of Next Generation (NG) eCall, based on the emergency number 112. The project aims to ensure that PSAPs across Europe are fully equipped to handle eCalls using modern packet-switched technology, which enables faster and more reliable data transmission during emergency calls. This transition is essential as mobile communication networks increasingly move away from circuit-switched technology.

The primary objective of X\_HeERO is to create a comprehensive blueprint that guides PSAPs in upgrading their infrastructure to support NG eCall. This blueprint will cover hardware, software, and procedural upgrades necessary for PSAPs to be interoperable across borders and to handle digital data exchanges with other entities, such as traffic management centers. The project will include extensive testing to ensure that the entire communication flow—from vehicles to PSAPs—works seamlessly.

In addition to infrastructure upgrades, X\_HeERO will address several key challenges in the eCall system. These include improving the integration of data from third-party service providers (TPS), better handling of eCall data from vulnerable road users and autonomous vehicles, and optimizing emergency response and network management within the Trans-European Transport (TenT) network. The project will also evaluate issues identified in earlier initiatives, offering solutions to enhance the usability and reach of the eCall system.

The expected results include enhanced emergency response times, better cross-border interoperability, and an overall improvement in road safety across Europe. By 2026, the project aims for all participating PSAPs to be fully prepared for NG eCall, ultimately reducing casualties and improving traffic incident management on European roads.

## LIST OF PARTICIPANTS

### PARTICIPANTS

*Grant Preparation (Beneficiaries screen) — Enter the info.*

Number	Role	Short name	Legal name	Country	PIC
1	COO	DE_ITSm	ITS MOBILITY GMBH	DE	985895876
2	BEN	DE_OECON	OECON PRODUCTS & SERVICES GMBH	DE	984258322
3	BEN	DE_hilyn	hilyn GmbH	DE	880235813
4	BEN	BE_EENA	EUROPEAN EMERGENCY NUMBER ASSOCIATION ASBL	BE	997490577
5	BEN	CY_CUT	TECHNOLOGIKO PANEPISTIMIO KYPROU	CY	999597223
6	BEN	ES_AVSRE	AGENCIA VALENCIANA DE SEGURIDAD Y RESPUESTA A LAS EMERGENCIAS	ES	906266733
7	BEN	ES_AXEGA	AXENCIA GALEGA DE EMERXENCIAS	ES	997320051
8	BEN	ES_CTAG	FUNDACION PARA LA PROMOCION DE LA INNOVACION INVESTIGACION Y DESARROLLO TECNOLOGICO EN LA INDUSTRIA DE AUTOMOCION DE GALICIA	ES	999603819

<b>PARTICIPANTS</b>					
<i>Grant Preparation (Beneficiaries screen) — Enter the info.</i>					
<b>Number</b>	<b>Role</b>	<b>Short name</b>	<b>Legal name</b>	<b>Country</b>	<b>PIC</b>
9	BEN	ES_DGT	JEFATURA CENTRAL DE TRAFICO	ES	962730433
10	BEN	ES_IDIADA	IDIADA AUTOMOTIVE TECHNOLOGY SA	ES	999788313
11	BEN	ES_ITS	FORO DE NUEVAS TECNOLOGIAS EN EL TRANSPORTE, ITS ESPANA ASOCIACION	ES	985150431
12	BEN	IT_AREU	AGENZIA REGIONALE EMERGENZA URGENZA	IT	891341925
13	BEN	LU_CGDIS	CORPS GRAND DUCAL D INCENDIE ET DE SECOURS	LU	911648875
14	BEN	MD_112	SERVICIUL NATIONAL UNIC PENTRU APELURILE DE URGENTA 112	MD	876582211
15	BEN	RO_GS	GREENSOFT SRL	RO	918709602
16	BEN	RO_ORO	ORANGE ROMANIA SA	RO	954892445
17	BEN	RO_RADCOM	RADCOM SA	RO	937925108
18	BEN	RO_RAU	UNIVERSITATEA ROMANO AMERICANA ASOCIATIE	RO	984930435
19	BEN	RO_STS	SERVICIUL DE TELECOMUNICATII SPECIALE	RO	936947348
20	BEN	RO_TRM	TELEKOM ROMANIA MOBILE COMMUNICATIONS SA	RO	933474554
21	BEN	DE_HMdis	HESSISCHES MINISTERIUM DES INNERN UND FUR SPORT	DE	951698041
22	BEN	DE_FHH	FREIE UND HANSESTADT HAMBURG	DE	998928602
23	BEN	DE_ZRF-Saar	ZWECKVERBAND FUR RETTUNGSDIENST UND FEUERWEHRALARMIERUNG SAAR	DE	879303158
24	BEN	DE_BY-StMI	BAYERISCHES STAATSMINISTERIUM DES INNERN, FUR SPORT UND INTEGRATION	DE	999637769
25	BEN	DE_BW-FR	STADT FREIBURG	DE	956794421
26	BEN	DE_BW-TUT	DRK-RETTUNGSDIENST TUTTLINGEN GEMEINNÜTZIGE GMBH	DE	879653619
27	BEN	DE_BW-UL	STADT ULM	DE	941175578
28	BEN	DE_NW-BO	STADT BOCHUM	DE	946910024
29	BEN	DE_NW-DO	STADT DORTMUND	DE	997899141
30	BEN	DE_NW-HER	STADT HERNE	DE	886122646
31	BEN	DE_NW-OE	Kreisverwaltung Olpe	DE	879476788
32	BEN	DE_SH-HL	HANSESTADT LUEBECK	DE	948393639
33	BEN	DE_ST-SDL	LANDKREIS STENDAL	DE	879452441
34	BEN	DE_TH-EF	STADTVERWALTUNG ERFURT	DE	879390264
35	BEN	DE_TH-G	Stadt Gera	DE	939965406
36	BEN	DE_TH-NDH	Landkreis Nordhausen	DE	915376391

**PARTICIPANTS***Grant Preparation (Beneficiaries screen) — Enter the info.*

<b>Number</b>	<b>Role</b>	<b>Short name</b>	<b>Legal name</b>	<b>Country</b>	<b>PIC</b>
37	BEN	DE_TH-SM	Landkreis Schmalkalden-Meiningen	DE	905006703
38	BEN	DE_TH-RDZV	RETTUNGSDIENSTZWECKVER-BANDES SUDTHURINGEN	DE	879142429
39	AP	CZ_SDT	SDRUZENI PRO DOPRAVNI TELEMATIKU	CZ	969680483
40	AP	DE_CAT	CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH	DE	887521871
41	AP	FI_ERCA	Emergency Response Centre Agency	FI	879857416
42	AP	RO_ANCOM	Autoritatea Nationala pentru Administrare si Reglementare in Comunicatii din Romania	RO	918005867
43	AP	RO_RCS-RDS	RCS & RDS S.A.	RO	926080341
44	AP	RO_VF	Vodafone Romania SA	RO	940538967
45	AP	UK_VESOS	VESOS Solutions Ltd	UK	879671952

## LIST OF WORK PACKAGES

<b>Work packages</b>						
<i>Grant Preparation (Work Packages screen) — Enter the info.</i>						
<b>Work Package No</b>	<b>Work Package name</b>	<b>Lead Beneficiary</b>	<b>Effort (Person-Months)</b>	<b>Start Month</b>	<b>End Month</b>	<b>Deliverables</b>
WP1	Study for an upgrade of PSAP for NG eCall	2 - DE_OECON	0.00	1	40	D1.1 – Progress report 1 of X_HeERO D1.2 – Progress report 2 of X_HeERO D1.3 – SoA analysis report D1.4 – Blueprint Designs for NG eCall D1.5 – Progress report of the NG eCall deployment of X_HeERO D1.6 – Dissemination Plan D1.7 – Report of project results
WP2	eCall for vulnerable road users and autonomous vehicles	3 - DE_hilynx	0.00	1	37	D2.1 – Vulnerable Road Users Analysis Report D2.2 – Vulnerable Road Users Final Report D2.3 – Autonomous Vehicles Analysis Report D2.4 – Autonomous Vehicle Demonstration D2.5 – Autonomous Vehicles Final Report
WP3	PSAP Data integration	2 - DE_OECON	0.00	13	40	D3.1 – PSAP Inter-communication SoA Analysis D3.2 – TPS-to-PSAP Inter-communication SoA Analysis D3.3 – Security Analysis and Recommendations D3.4 – Report for additional Data Integration
WP4	Associate Partner Engagement and Collaboration for Advancing eCall in the EU	1 - DE_ITSm	0.00	4	40	D4.1 – Webinar webpage D4.2 – Webinar Mid-term Report D4.3 – Webinar Final Report

**Work packages***Grant Preparation (Work Packages screen) — Enter the info.*

<b>Work Package No</b>	<b>Work Package name</b>	<b>Lead Beneficiary</b>	<b>Effort (Person-Months)</b>	<b>Start Month</b>	<b>End Month</b>	<b>Deliverables</b>
						D4.4 – Tender documents “eCall Collaboration” D4.5 – Intermediate report “eCall Collaboration” D4.6 – Study results “eCall Collaboration” D4.7 – Tender documents “Advancement of eCall” D4.8 – Intermediate report “Advancement of eCall” D4.9 – Study results “Advancement of eCall”

## Work package WP1 – Study for an upgrade of PSAP for NG eCall

<b>Work Package Number</b>	WP1	<b>Lead Beneficiary</b>	2 - DE_OECON
<b>Work Package Name</b>	Study for an upgrade of PSAP for NG eCall		
<b>Start Month</b>	1	<b>End Month</b>	40

Objectives
<p>Many PSAP have experienced structural in the recent years. New telephone systems have been purchased, and other sources of information have been added in addition to eCall. An example: Advanced Mobile Location (AML) has been able to location mobile phones precisely since 2019. Member States that were not involved in the I_HeERO project also will take part in this project. In addition to the information available from I_HeERO, the project will therefore again ask the PSAP of the participating member countries about their current technical equipment.</p> <p>The new method of data transmission via NG eCall does not replace data transmission by the older In-band technology. It must be implemented in addition to the existing service. In many cases, this can be done technically through a software upgrade of the eCall decoder. Also, an upgrade of modem to permit both legacy and NG eCall can be a solution.</p> <p>In X_HeERO the complete chain of necessary updates, upgrades or changes will be addressed including:</p> <ul style="list-style-type: none"> <li>● Telephone provider and interface handling: NG eCall and In-Band technology have to work hand in hand. The NG eCall specification stipulates that the In-Band process shall be used as a fallback at any time if the data transmission fails via SIP. This requires close integration between the telephone system and the eCall decoder. In some countries ISDN technology is still used, which cannot be used for NG eCall. Here the PSAP have to switch over to VoIP telephony.</li> <li>● Telephone System (PBX) handling: NG eCall is a mixture between SIP and In-Band communication. PSAP operators can request a second Minimum Set of Data (MSD). Since the call is still established, this is only possible using the In-Band modem. This requires a special integration to the local PBX in the PSAP.</li> <li>● The eCall decoding system must be upgraded to decode MSD data (including additional data) in the SIP header. Since the rules for conformity assessment are still valid and regarding the experience from I_HeERO, the project will advise the PSAP to use only decoders that have passed through a conformity assessment.</li> <li>● PSAP software: For the operators, the requirements for NG eCall are quite the same as before. However, data is now available in two ways: via In-Band for older vehicles and via SIP for vehicles that can use the new technology. The software used therefore uses an upgrade for a new interface.</li> <li>● Handling procedures: As already said, the instructions for action remain largely the same for the operators. However, the data via NG eCall are available immediately. The previous delay in the context of I_HeERO has been a topic of discussion in many countries, because there are mostly close temporal requirements for the acceptance of emergency calls. The situation relaxes with NG eCall because the data is available immediately. Some PSAP can therefore adapt their work instructions to the new technology. However, the project can take the opportunity to inform the PSAP about the changes and extensions that eCall and the MSD have experienced since 2017.</li> <li>● Training: training of staff to manage NG eCall service.</li> </ul> <p>In some Member States the PSAP structure is complex and heterogeneous – with big differences in existing infrastructure and handling procedures.</p> <p>X_HeERO main objective is to prepare Member State PSAP for the deployment of eCall based on 112 based on reference implementations.</p> <p>In work package 1 it is planned to achieve the following objectives:</p> <ul style="list-style-type: none"> <li>● To upgrade the necessary PSAP infrastructure to receive NG eCall in addition to In-Band eCall.</li> <li>● To boost Member States investment in the PSAP infrastructure and interoperability of the service within the roadmap of NG eCall introduction (expected end of 2025).</li> <li>● Ensure that the EU requirements for conformity are observed.</li> </ul> <p>Furthermore, the single objectives of the participating member states are listed below.</p> <p>Germany: Site description</p> <p>Germany has about 240 PSAP, which have been upgraded and supported during the I_HeERO project. These PSAP are operated by different organisations. Some are operated by their Federal Ministries of Interior, some are operated by organisations like the Red Cross, some are completely independent. A set of exemplary PSAP will be part of the project. The participating PSAP are listed below in the description of activity 1.</p>

According to the experience from I\_HeERO, the participating PSAP are a cross-section of all common technical and software systems. The results developed within the project also apply to most other German PSAP or can be implemented with minor modifications. The federal state of Hesse plays a special role, as procurement here is managed centrally by the federal state itself. The Hessian control centres are therefore represented solely by the Hessian Ministry of the Interior, which is also the invoice recipient for the costs of the upgrade in Hesse.

#### Objectives

- To conduct a design and reference NG eCall implementation in exemplary PSAP
- To perform end-to-end tests for the whole eCall service chain from IVS to PSAP in real operating environment

#### Cyprus:

##### Site Description

The Republic of Cyprus currently operates five (5) PSAPs. The main PSAP of the country is manned by the police and was upgraded within the I\_HeERO project to support 112 eCall. The information provided in the context of an eCall (along with other information obtained by the caller) is passed on to the level 2 PSAP (operated by the ambulance and fire services) for further handling and service dispatch.

#### Objectives

Cyprus will carry out a study to assess the current state of all PSAP in Cyprus, evaluate the need and benefits for Cyprus to upgrade to eCall NG and produce recommendations for NG eCall deployment informing the Government on the investment (resources and costs required) to enable the country to upgrade its PSAP infrastructure. Cyprus will also participate in dissemination actions promoting results and best practices around NG eCall to other EU member states.

#### Spain:

##### Site description

There are 17 regional PSAP handling eCall in Spain. PSAP are managed by different public bodies dependent on the regional administrations. eCall received in the PSAP contain additional information (vehicle model, type of fuel...) provided by DGT – the Traffic General Directorate of Spain. At the same time as the PSAP mobilize the rescue teams, DGT records the event in its national Traffic Management Centre, so it can be reported, for instance, through the variable message panels on the road. Spanish partners have actively participated in previous projects (HeERO2, I\_HeERO) to accelerate the implementation of the eCall service in Spain.

Although response times have indeed been reduced due to the eCall, there are some issues encountered that can be improved with the introduction of NG eCall (for example, PSAP reported that only a small fraction of eCall were real emergencies). NG eCall is an opportunity to increase the efficiency of the service in Spain, and also to analyse additional features of special interest for the Spanish partners (data integration, autonomous vehicles).

#### Objectives

- To study SW and HW requirements to implement NG eCall in PSAP and to define roadmaps to upgrade Spanish PSAP according to the new regulations.
- To implement NG eCall in at least 2 Spanish regional PSAP (Galicia and Valencia) and to test the whole eCall chain (from IVS to PSAP).
- To study eCall for autonomous vehicles, with a lab prototype, and in relation to VRUs.
- To study PSAP data integration, with contributions to European Working Groups on data exchange and cybersecurity.
- To disseminate recommendations and guidelines among Spanish eCall stakeholders to accelerate the adoption of NG eCall.

#### Luxembourg:

##### Site description

Luxembourg has one single 112 centre that is responsible for all emergency calls in the country. The 112 centre is located in the city of Luxembourg. The Luxembourg Fire and Rescue Corps (CGDIS) is responsible for the operations of the 112 centre.

#### Objectives

- Being able to transmit data faster and more reliable through the 4G and 5G networks;
- Enhance data transmission as eCall NG enables the transmission of additional information such as the severity of the accident, the number of occupants and the status of seatbelts;
- Being able to identify the vehicle involved using the vehicle identification number (VIN);
- Provide greater cyber security as eCall NG sets strict cyber security requirements to ensure that the system is protected against potential attacks and data breaches;
- Comply with EU regulations

#### Belgium:

Design, testing and deployment of the upgrade to packet switched eCall

- Describe the state-of-the-art analysis of packet switched eCall, covering:



- the relevant standards and future standardisation activities.
- the feasibility and maturity of the overall architecture in Europe and in the participating member states.
- procedures to achieve the upgrade to packet switched eCall in each of the participating members states.
- Liaison between the participating member states and the coordinator / management team, responsible to provide information to the member states, consolidate input and feedback received, and include in project reports to the funding agency.
- Provide technical guidance and recommendations to the member states about the design and test of the upgrade, identifying deployment barriers and enablers, and preparing the RoadMap for packet switched eCall deployment in Europe.

Italy:

Site description

Italy is committed to enhancing the eCall system on its territory, using the experience gained from participation in the HeERO1 and I\_HeERO projects. An important step is to study and test how the eCall NG service can be implemented on PSAP already equipped with the 'classic' eCall infrastructure. Currently, the eCall service is made available nationwide by the PSAP managed by AREU (Agenzia Regionale Emergenza Urgenza) and located in Varese with a back-up installation in the Brescia PSAP also managed by AREU.

Objectives

The main objectives of the Italian participation in X\_HeERO NG are:

- Analyse the existing infrastructure of the Varese and Brescia PSAP and create blueprints to upgrade to eCall NG, also collaborating with telecommunications providers to implement the provision of eCall MSD over IP;
- The upgrade of existing PSAP Varese and Brescia to comply with the eCall NG and verify the full compatibility with the national architecture of the emergency systems and with the EU112 infrastructure;
- To support the Ministry of Interior in the verification of the eCall NG operability and in the validation of its integration in the EU112 infrastructure at the national level;
- To study and assess the eCall NG system in different and more realistic and complex scenarios, involving additional stakeholders as road operators, real time traffic operators, academic;
- To study and assess the integration of the PSAP ready for eCall NG with PSP (Private Service Provider) already cooperating with the PSAP to guarantee correct integration of additional information datasets with the standardized MSD, uniform processes and exchange of information in the field of automotive emergency management.

Romania:

Romanian partners will collaborate in the modernisation of the Romanian eCall platform (national coverage) to implement the NG technical specifications/standards (based on packet-switched IMS technologies). The implementation of the new technical specifications for packet-switched communications must be carried out preserving the ability to receive and manage circuit-switched electronic calls, as long as there are circuit switching public mobile communications networks in operation on the Romanian territory.

From a technical point of view, the deployment of eCall based on IP-IMS technologies can be assimilated within the IT infrastructure implemented in the Romanian 112 Emergency System but it requires changes/adaptations/developments for call and signalling routing, eCall modem platform, integration services and PSAP CAD&GIS software.

In addition to the technical and operational input, RAU will undertake a two-stage Economic Cost Benefit Analysis (ECBA) to evaluate the practicality of deploying NG eCall technology across Europe. The analysis will examine impact, economic variables, and operationalisation scenarios, adhering to the approved European Commission methodology. Findings will be shared through participation in national or international events and publication of scientific papers.

Romania is interested in improving and maintaining up to date the current EUCARIS interface, from both technical and operational perspectives, but, also, in integrating in the operational flows for eCall and TPSP eCall the interrogation of external databases such as e-CMR, IMI - Road Transport Posting Declaration Portal , other DANGEROUS GOODS platforms.

Objectives

The specific objectives of the Romanian partners in the project are:

- upgrading the 112 system to be able to receive IMS-based eCall via IP communication channels (TRL 8 - system complete and qualified) - eCall modems will be developed to support both technologies (in-band and NG eCall);
- mobile network upgrade, NG eCall functionalities implementation and testing in order to comply with all eCall specifications and requirements;
- extending the MSD with other contextual information (e.g. for transports of dangerous substances, additional information obtained by vehicle sensors);
- the integration of specific IMS based eCall data into the software platforms used at the level of all 112 Centers, dispatch centres and substations of emergency agencies within the 112 Romanian Emergency System;
- end-to-end testing of implemented solutions and validation of interoperability with external partners within the consortium;



<ul style="list-style-type: none"> <li>● training of 112 Romanian Emergency System personnel to manage eCall;</li> <li>● evaluate the feasibility of widespread implementation of NG eCall technology on European roads, considering its impact, economic aspects, and operationalisation scenarios.</li> </ul> <p>Moldova:                  Site Description                  Public Institution „National single service for emergency number 112” is the organization handling 112 calls. Service is organized as an integrated structure, in which the 112 PSAP receive emergency calls from throughout the Republic of Moldova, localise the caller terminal relying on the information received from electronic communications services providers and the information received by the caller. PSAP are interconnected and call is routed in both locations. First free call-taker will answer the call. There are 2 PSAP in Moldova. Moldova intends to install a fully functional eCall service that will be integrated into the existing 112 System.                  In the first half of 2024, 112 Service aims to upgrade the existing system to a newer version (21.12), funded by Moldova. This activity creates conditions for implementing eCall services within the project.                  Objectives                  The primary objective of the Moldova NG eCall Project is to integrate a fully functional eCall service into the existing 112 System, upgrading it to meet the European Union Directive standards for eCall 112 PSAP.</p> <p>UK:                  The UK as associated partner will not have a specific test site but will provide expertise and experience gained from recent projects which have been focussed on building use cases for road operations, such as stopped vehicle detection, enhancing operational information for emergency responders and the identification of vulnerable road users. In addition, it will consider the configuration of a national PSAP already configured for NG112 and preparing to receive NG eCall. In addition, the UK have direct access to the emergency service community to validate the findings of the findings from the consortium partners. The transfer of the MSD between the receiving PSAP level 1 and the level 2/3 PSAP for the deployment of emergency resources                  This will be achieved with collaboration with the UK national PSAP operated by a commercial entity, coupled with a close partnership with the UK Department of Transport (DfT) who have national responsibility for eCall in England Scotland and Wales.</p>
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Description
<p><b>T1.1 - Project Management (PM)</b>                      Description:                      DE_ITSm will provide the overall legal, contractual, ethical, financial and administrative management of the project, including communication with the European Commission and reporting. DE_OECON will assist DE_ITSm. EENA will provide the strategic direction in conjunction with the several National state lead. DE_OECON will carry out the operational work.                      This is active through all other activities.</p> <p><b>T1.2 - Design</b>                      Description:                      The main objective of this activity is to ensure successful implementation of the eCall service in the member state PSAP. For achieving this objective following key two phases are foreseen:                      ● Analysis: the actual status of the eCall infrastructure at different study sites as well as the European standards (current and upcoming) will be identified                      ● HW Installation and SW Implementation: The project accompany the physical implementation of both software and hardware in the PSAP of the participating member states                      Also, during this phase will be addressed the MNOs infrastructure update to support NG eCall specific signalling.</p> <p><b>T1.3 - Implementation</b>                      Description:                      In X_HeERO, the full implementation and integration of eCall systems into the PSAP of participating member states is a major part of the work. After a procurement phase the implementation of necessary PSAP components (hardware and software upgrades) will be processed. With the implementation of the data integration also the connection from or to other PSAP or external sources (TPS) will be established. The activity ends with a system verification test to check if the system is running correctly and not unwanted interfering with other processes. In addition to the implementation, blueprints for the upgrade process for other similar PSAP will be created. Since large parts of the existing systems have already undergone a conformity assessment in accordance with the EU regulations, the project will recommend the</p>

PSAP to explicitly only buy technology that already has a conformity assessment certificate. This eliminates the need for a conformity assessment in the PSAP.

**T1.4 - Dissemination**

**Description:**

DE\_ITSm as WP leader will develop and execute the strategy and communication plan that will drive the communication and outreach activities of the Member States (MS). This strategy will address the diverse needs of different target audiences and will be developed in close cooperation with the participating MS and other key eCall stakeholders. The Communication Plan will also include the project dissemination events and will consider the changing communication needs related to the progress of the eCall project in Europe. The WP leader will coordinate all communication and dissemination activities and will monitor the progress with consortium. The activity will also provide all dissemination material in the appropriate style; this will include a hosted website drawing from both HeERO projects, I\_HeERO and sAFE. The hosted site will be available in the language of each participating member State.

**Work package WP2 – eCall for vulnerable road users and autonomous vehicles**

<b>Work Package Number</b>	WP2	<b>Lead Beneficiary</b>	3 - DE_hilynx
<b>Work Package Name</b>	eCall for vulnerable road users and autonomous vehicles		
<b>Start Month</b>	1	<b>End Month</b>	37

**Objectives**

eCall was originally only introduced for passenger cars in 2018. Since then, there have been several extensions to the original standard. When eCall was introduced in the PSAP, eCall for motorbikes was already being trialled as part of I\_HeERO. Definitions for eCall for Hazardous Goods Vehicles and Long-Distance Buses and Coaches were also created. Retrofit systems were analysed as part of the follow-up project sAFE. In addition, eCall was extended to other vehicle classes, including M1, N1 and L.

In the meantime, technology has also developed further in other areas. Mobile phones are now equipped with drop sensors that enable the detection of a fall. It is also possible to clearly distinguish whether only the phone has been dropped or whether the person has fallen themselves. The manufacturers of mobile phone operating systems have already integrated their own measures that enable the devices to alert an emergency contact in the event of a fall. eCall goes one step further, however, and alerts the nearest PSAP directly. As part of X\_HeERO, it will now be examined to what extent the existing technologies are sufficient to open up eCall as an option for pedestrians and their mobile devices. After all, rapid assistance is often vital in the event of a fall, for example if the cause is a heart attack.

A slow transition to automated driving is also currently taking place in passenger cars. Vehicles are being equipped with more and more assistants that make driving safer. Level 5 automated vehicles no longer even require a driver. This raises the question of the extent to which an automatically triggered eCall or an eCall triggered manually at the touch of a button fits into this concept. The study will investigate whether adjustments to the operating concept are necessary and which sensor information should trigger the eCall. So far, only negative acceleration has been defined for this purpose, which also triggers the airbag. However, an automated vehicle has many cameras and sensors that allow better observation of the surroundings and therefore a more precise prediction of an accident. Inward-facing cameras can even provide information about the current condition of the vehicle occupants.

The general objectives of this work package are the following:

- Analysis of state of the art, stakeholder needs and requirements.
- Prototype development and interfacing to existing information sources
- Development of costs-benefit analysis for each of the specific user groups and autonomous vehicles
- Recommendations for amending legislation and next steps towards eCall implementation

The single objectives of the participating member states are listed below.

**Germany**

- To study eCall for vulnerable road users and autonomous vehicles and develop eCall extensions where necessary

**Romania**

By implementing NG eCall on autonomous cars and extending NG eCall for other types of vulnerable road users the project aim to study the possibility to improve the amount of information that can be used to increase the efficiency of the intervention in the event of an accident.

Thus, the intervention units can be properly prepared in case of an accident. Also, the project intend to study the potential extension of NG eCall to other types of vulnerable road users.

#### Spain

To study the potential evolution of eCall, with special focus on autonomous vehicles and use cases related to Vulnerable Road Users.

#### Cyprus

Cyprus will utilise the extensive expertise of its personnel in the fields of software systems, mobile communications, the Internet of Things (IoT), networking and citizen-centric systems. More particularly, Cyprus will participate in the study for identifying requirements to extend eCall handling at the PSAP for vulnerable road users as well as autonomous vehicles where sensors and communications will play an important role in information capturing and transmission prior to, and after, an event.

#### Belgium

Contribute to the analysis and design of new features directed to satisfy the needs of vulnerable road users and autonomous vehicles

- Describe the communication challenges between vulnerable road users and PSAP leading to delayed assistance.
- Identify opportunities for faster assistance, including automatic emergency calls, and improvements in the communication handling procedures, taking into account the capabilities offered by the devices carried by the users, through the operating systems of Apple and Google on such devices.
- Define the needs of emergency services rising from the newly introduced consideration for eCall resulting from the evolution of autonomous and automated driving.

#### UK:

The UK as associated partner whilst not having a specific test site have been working in conjunction with the UK Government, the wider UK emergency responder community, and the UK national PSAP to refine the use and capabilities of the eCall MSD, now looking towards NG eCall. How the MSD is received decoded transmitted shared and most importantly visualised.

- Analysis of stakeholder needs and specification of interfaces.
- Prototype development and interfacing to existing information sources.
- Development of costs-benefit analysis for each of the specific user groups
- Recommendations for amending type approval, legislation, and next steps towards eCall implementation in other regions of the world.
- Assessing NextGen eCall 112 viability on European roads, factoring impact, economics, and operationalization for widespread application.

### Description

#### T2.1 - eCall for vulnerable road users

This part of the study deals with the use of eCall for pedestrians and slow road users, such as those travelling on bicycles or e-scooters. What these groups have in common is that they usually carry a mobile phone that can provide location information and also has built-in fall sensors. If a pedestrian falls, the mobile phone can recognise this. The operating systems from Apple and Google, which together account for more than 90% of the market, are already equipped with functions that can alert a predetermined emergency contact in the event of a fall.

In theory, emergency contact then calls the 112 PSAP, which sends help to the site. In practice, this procedure often fails at a missing interface between emergency contact and PSAP for the transmission of the coordinates, so that help only occurs late. It is also up to the emergency contact to be alerted whether a PSAP is alerted.

Nowadays, more e-bikes are sold as drive-free bicycles. These too often have a communication interface to the mobile phone and can trigger emergency functions in the event of a fall. However, as with the pedestrians, these are limited to the alarms of third parties. The same also applies to the electrical rental scooters available in many cities. These scooters are on the one hand in connection with the user's mobile phone, but they are also networked with a headquarters that monitors the activation and carries out the commercial handling.

Here, too, eCall can enable faster assistance, on the one hand through creation recognition and an automatic emergency call, on the other hand also by alarm by the operator. The study examines all the possibilities of triggering and evaluating it. Recommendations are made for required interfaces and the procedure for alarm.

Also, the analyses of the initiative's efficiency are included, the chapter employs a two-stage Economic Cost Benefit Analysis (ECBA), following the endorsed methodology of the European Commission for each user type.

**T2.2 - eCall for autonomous vehicles**

With the progress of the development of automated driving, the use of eCall must also be considered. It is no longer the case that a driver is sitting in the vehicles who knows exactly what buttons and procedures he has to initiate in an accident. eCall in particular is a service that can be triggered automatically (in the event of a serious accident) and manually. It is important to keep an eye on the possibilities for triggering and communication with the vehicle occupants.

The automation of the vehicles also brings considerable added value in the detection of accidents and the initiation of rescue measures. Sensors and cameras that are directed to the outside can provide significantly more precise information about the type of accident than the previous method can use a single acceleration sensor. Services of third-party providers are already using the information from additional airbags to determine the type of impact and thus provide the PSAP more information. The location and position of the vehicle can also be better determined using the additional sensors. The study will examine the extent to which such information can also be made accessible to PSAP via eCall.

The internal sensors and cameras are also important. So far, eCall is only based on standard data that are the same for all vehicles and can be transmitted textually. But what if, for example, live video data from the vehicle would be available? This information can contribute significantly to the rescue of injured people. The study should therefore also investigate the form in which such additional data can be transferred to the control centre.

In case of a vehicle accident, it is necessary to communicate with the passengers as well. If there is no communication between the vehicle and the passenger some necessary information is missing e.g. the number of passengers.

The cost-benefits analyses evaluation of autonomous vehicle is foreseen using TAM for user acceptance, possibly integrating models and ECBA assesses efficiency on European roads, as a chapter of the report.

**Work package WP3 – PSAP Data integration**

<b>Work Package Number</b>	WP3	<b>Lead Beneficiary</b>	2 - DE_OECON
<b>Work Package Name</b>	PSAP Data integration		
<b>Start Month</b>	13	<b>End Month</b>	40

**Objectives**

eCall has brought a new level of information to the PSAP. Before eCall, the transfer of information was only achieved by direct speech between two engaged persons with all the issues that could threaten the quality and comprehension of this vital communication. With eCall, the location data is present when the PSAP operator picks up the call. He also knows about the car propulsion type, the vehicle type (Through the VIN) and other car related data. The possibility of sharing of this data with the rescue service is of high value.

With the availability of the Vehicle Identification Number (VIN), additional services like EUCARIS or different public or private bodies can be used to get additional information like the colour of the car (for easier retrieval) and the construction blueprints for the rescue services to plan an effective extraction plan for the vehicle occupants. This information can be made available an instant after the MSD has arrived. In the meantime, many PSAP in Europe managed to access information by these additional services, but others are still stuck with the MSD data only. The project aims to collect the different access methods available in the member states to give the PSAP a blueprint how to take advantage of the different information in the MSD.

Many TPS eCall services have also been published on the market since 2017. Almost every vehicle manufacturer offers a corresponding service. Some manufacturers even switch on their own service as a default. Customers can then switch to the 112 eCall in repair workshops if they want. In such cases, the original specification provided for an interface according to EN16102 for data transmission to the 112 PSAP. On the one hand, this specification is optional - only very few PSAP have implemented the interface. On the other hand, it is also not complete - many error codes are named, but have no assigned value, so that compatibility between the systems by different vendors is not given.

With NG eCall, there is also a new and easy way to transmit data via SIP. Some vehicle manufacturers already use the NG eCall technology for their third-party services, so that the data is already available in the correct format and only have to be forwarded to the 112 PSAP if it is a real emergency call.

There is also the chance to switch the vehicles with TPS NG eCall to the new technology even when using 112 eCall. Within the project the manufacturers shall be asked and determined to what extent there is a possibility of switching.

In all these cases sharing of data will highly useful, but it also requires additional infrastructure, and a clear understanding of the data type and the overall PSAP requirements also shared by different PSAP. In X\_HeERO, the special potential of data sharing and data integration will be made available to the PSAP as a central service.

The general objectives of this work package are the following:

- To find out the current status of data exchange between 112 PSAP at national and international level
- To find out the current status of data exchange between 112 PSAP and Third-Party Services
- To define and implement a protocol for common data exchange based on existing standards and the results of the SoA analysis
- To look at the weaknesses in the data transmission chain with regards to technology and propose mitigation techniques/ approaches to manage and minimise the risks for security and integrity of eCall data
- Study the integration with EUCARIS or comparable national registries or private services for PSAP who are still not connected to additional data services and derive recommendations

The single objectives of the participating member states are listed below.

Germany:

- Connect TPS Providers and PSAP to transmit eCall Data (MSD). Almost all German OEMs have established a Third-Party eCall Service, and only a few PSAP allow to receive digital data from TPS.
- Extend the MSD data set by using already transmitted information to TPS.

Romania:

Within the objectives of this project, Romania beneficiaries aim to study the technical features for data sharing between the entities that are part of the Romanian 112 Emergency System or cross border sharing (sending or receiving redirected eCall and associated data) and, also, data augmentation with complementary datasets, thus improving the informational context for the PSAP call-takers and intervention agencies.

Spain:

To study the weaknesses in the data transmission chain and minimise the risks for security and integrity of eCall data.

Cyprus:

The advanced IP-based communication infrastructure which will also be used for Next Generation eCall purposes, will facilitate much richer data exchange compared to standard eCall. This additional (but welcomed) complexity will affect, among others, the methods that allow calls to be received from TPS providers, as well as how PSAP (placed in different regions of a country or even neighbouring countries) will exchange information between them; Cyprus will contribute to these studies that will define compatibility standards and procedures for how NG eCall will be handled in support of such activities with interoperability and security in mind.

Contribute to the intelligent exploitation of MSD data along with the analysis of current PSAP data exchanges and investigate ways of enhancing the current situation.

Belgium:

Enhancing interoperability and security of eCall data exchange for 112 PSAP

- To find out the current status of data exchange between 112 PSAP at national and international level.
- Collect the information needed to thoroughly describe the current status of data exchange between stage 1 & 2 PSAP and Third-Party Services.
- Describe the state-of-art in data exchange and review existing standards that cover existing protocols.
- Liaise with PSAP and other stakeholders to help define and evaluate a protocol for data exchange, while describing the required conditions and agreements that need to be established between PSAP and TPSPs.

UK:

The UK as associated partner has direct links with TPS eCall providers and service centre and can review and validate approaches in this activity. The transfer of TPS eCall MSD from the TPS service centre to the relevant 112 PSAP. The UK associates have the necessary skill with the CEN standards body to look at the use of EN16102 data. The UK are currently working hard to increase the availability of eCall data in the management of road networks during incidents, to identify vulnerable road user and vehicles that pose a significant risk to other road users and the road network. To optimise early notification and rapid deployment of emergency response resources and effective management of the road network around an incident.

**Description**

T3.1 - SoA Analysis



<p>State-of-the-Art analysis of MSD data exchange</p> <ul style="list-style-type: none"> <li>● From first level PSAP to second level PSAP</li> <li>● Between first level PSAP (including cross-border data exchange)</li> <li>● SIP data forwarding (This is an issue where telecommunication providers must be involved)</li> <li>● Receiving TPS data via SIP</li> </ul> <p>T3.2 - Protocol for common data exchange</p> <p>Definition, study and implementation of a protocol, aimed at the communication between emergency centres/PSAP and 112 PSAP to exchange eCall MSD (roaming). Examples of these include:</p> <ul style="list-style-type: none"> <li>● The Belgian case, where EN16102 is used a data protocol between one eCall PSAP and the connected on-site PSAP</li> <li>● Several German PSAP which have implemented EN16102 and will bring the opportunity to introduce SIP data reception.</li> </ul> <p>The study will refer to the same candidate protocols mentioned above, with regards of the set of data and procedures put in place in these specific data exchange cases. eCall is a multi-part Standard, maintained by CEN Technical Committee 278, CEN/TC278, (Road Transport and Traffic Telematics) and ETSI</p> <p>T3.3 - Security and integrity of the eCall data and transmission</p> <p>Security and integrity of the eCall data and transmission are key elements of the service. There are 3 distinct entities in this process – the vehicle, the communication link to infrastructure and the PSAP platform for handling the call. The vehicle and its sensors (including location sensor) and the communication link are seen as most vulnerable in the chain with regards to malicious or accidental attacks – with high impact on the service from the PSAP perspective. However, security and integrity is an end-to-end problem. The study will identify, investigate, assess and list the weaknesses in the chain with regards to technology and propose mitigation techniques/approaches to manage and minimise the risks for security and integrity of eCall data as it traverses the service chain.</p> <p>T3.4 - Additional data services</p> <p>Study the integration with EUCARIS or comparable national registry or private services for those PSAP who are still not connected to additional services. Give recommendations about existing services and how to add them.</p> <p>Additional data services</p>
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**Work package WP4 – Associate Partner Engagement and Collaboration for Advancing eCall in the EU**

<b>Work Package Number</b>	WP4	<b>Lead Beneficiary</b>	1 - DE_ITSm
<b>Work Package Name</b>	Associate Partner Engagement and Collaboration for Advancing eCall in the EU		
<b>Start Month</b>	4	<b>End Month</b>	40

<b>Objectives</b>
<p>This project recognises that not all member states were in a position to participate in X_HeERO I for a variety of political and technical reasons. This activity will make available a wide variety of “Reference implementations” of eCall based on 112 to those member states who have not been able to participate. This will be achieved by allowing the members states to have access to the SharePoint document portal. Holding regular marketplace webinars or conference calls to allow the X_HeERO consortium to share their experience with the widest possible audience. This approach was adopted in the former eCall projects and found to be highly effective, with member states gaining valuable information toward the PSAP upgrade, and allowing commercial entities involved in eCall to test equipment or answer technical questions.</p> <p>To support and revitalize the existing "European eCall Implementation Platform" (EEIP) and promote collaboration in the eCall domain, a focused action is planned. This action aims to maximize the political support and resource deployment of member countries to strengthen the efficiency and effectiveness of the eCall system across Europe.</p> <p>The activity starts with a call-to-action initiative directed at member countries to involve their experts and representatives in the EEIP group. Workshops and conferences are organized to create a platform for the exchange of best practices, ideas, and challenges related to the implementation of eCall. This not only enhances each country's understanding of requirements and processes but also builds a common foundation for successful collaboration.</p> <p>As part of forthcoming efforts to advance the eCall system within the European Union, a comprehensive study is slated</p>

to be initiated. The goal of this upcoming study will be to analyse the anticipated strengths and challenges of eCall, spotlight innovative approaches for optimization, and lay the groundwork for future developments.

The planned study will include a thorough inventory of the eCall systems to be implemented in various EU member states. Anticipated successes, projected best practices, and potential weaknesses will be identified, allowing for the learning of lessons from others' experiences and the formulation of common standards for improved interoperability.

A significant focus of the intended study is on integrating cutting-edge technologies and innovations. Anticipated developments such as artificial intelligence, machine learning, and advanced sensors will be explored to further enhance the efficiency of eCall. The study will investigate how these technologies can be utilized to provide more accurate accident location data and further reduce anticipated emergency response times.

Furthermore, legal aspects related to the anticipated advancement of eCall will be examined. The study will address issues of anticipated data protection and security policies to ensure that technological advancements align with the core values of the EU. This is intended to contribute to strengthening anticipated citizens' trust in the use of the eCall system.

Surveying anticipated emergency services, vehicle manufacturers, and other relevant stakeholders will be an integral part of the planned study. These participants will be interviewed about their anticipated insights, needs, and recommendations to obtain a holistic overview of the requirements and anticipated opportunities for advancing eCall.

The anticipated study's findings will be presented in a comprehensive report, slated to serve as a guide for EU member states in advancing their eCall systems. This report will also be positioned as a foundation for anticipated policy discussions and decisions to shape the future of eCall as an integral component of the European emergency infrastructure.

This planned study represents a significant step toward the effective and forward-looking development of the eCall system in the EU, with the aim of further strengthening citizen safety and improving the efficiency of emergency services.

The above described content of the WP4 can be summarized to the following objectives:

- To create the associate partner category to both member states and commercial entities
- To share the experience to X\_HeERO and the preceding eCall activities with member states and commercial entities who are not X\_HeERO partners
- Political Collaboration and reactivating existing membership groups
- Study on the Advancement of eCall in the EU: Promoting Efficiency and Innovation

## Description

### T4.1 - Support for non-participating EU Member States:

To create an associate partner category for both member states and commercial entities. All interesting parties will get access to the project SharePoint. The project will hold quarterly webinars on the progress of X\_HeERO. DE\_ITSm as Coordinator will engage other partners brought in. The project will make all documentation concerning PSAP upgrade for a member state available via the web portal.

### T4.2 - Political Collaboration and reactivating existing interests groups

In the past until 2018 the European eCall platform EEIP took place in Brussels twice a year to discuss with all stakeholders and the EU Commission the solutions and problems of the whole eCall implementation process in Europe. Following during the runtime of the CEF project “sAFE” a concept of an eCall Association was created to achieve a sustainable platform for all eCall stakeholders to ensure an ongoing optimisation and extension process of the overall eCall system. Due to the difficult and tense covid situation the eCall Association has never been legally established but came to life as an initiative of various committed partners.

The action in this WP will take advantage of the preparatory work of the eCall Association and will reactivate the past working groups and interested parties to discuss the current process and identify new upcoming issues in close cooperation with T4.3 in a forum and in task forces by participating the stakeholders, experts and the Commission as an observer twice a year (one digital – one as present in Brussels).

Invitation, preparation, moderate the meeting, conclusion and communication with the interested parties of the eCall Association initiative will be covered – presentation of the results at international congresses like ITS European and World Congress, UITP World Congress.

Content of the call for tenders “eCall Collaboration”:

#### 1. Background:

- The European eCall platform EEIP held biannual meetings in Brussels until 2018.
- In 2021, the “eCall Association” initiative came to live within the project “sAFE”.

- The objective is to engage with stakeholders and the EU Commission to discuss solutions and challenges in the implementation of the eCall process across Europe.
- 2. Objective of the tender:
  - Reactivate the eCall Association as a platform for discussing the eCall process and addressing emerging issues with relevant stakeholders in close cooperation with the EEIP.
  - Foster close collaboration with T4.3 to enhance coordination and efficiency.
- 3. Frequency and Format of Meetings:
  - Conduct meetings twice a year, with one session held digitally and another in person in Brussels.
  - Create forums and task forces to facilitate in-depth discussions.
- 4. Participants:
  - Include stakeholders, experts, and the EU Commission (as an observer) in the discussions.
  - Encourage active involvement and contributions from all participants.
- 5. Responsibilities within the WP:
  - Handle the invitation process for eCall Association meetings.
  - Prepare relevant materials for discussions and presentations.
  - Act as the moderator during meetings to ensure productive and focused discussions.
  - Summarize key points and conclusions from the meetings.
  - Manage communication with eCall Association participants, fostering engagement and collaboration.
- 6. Presentation of Results:
  - Showcase outcomes at international congresses, such as ITS European and World Congress, and UITP World Congress.
  - Highlight achievements and lessons learned during eCall Association discussions.
- 7. Meeting Structure:
  - Design a structured agenda for each meeting to cover specific aspects of the eCall process.
  - Allocate time for open discussions, workshops, and collaborative problem-solving.
- 8. Task Forces:
  - Establish task forces within the eCall Association to address specific challenges or focus areas.
  - Task forces will work on actionable items and provide recommendations for improvement.
- 9. Digital Meeting Platform:
  - Select a reliable digital platform for virtual meetings, ensuring seamless participation for remote attendees.
  - Provide necessary technical support to facilitate smooth digital interactions.
- 10. In-Person Meeting Logistics:
  - Coordinate logistics for the in-person meeting in Brussels, including venue arrangements, travel assistance, and accommodation support for participants.
- 11. Engagement Strategies:
  - Develop strategies to encourage active participation and collaboration among stakeholders.
  - Foster an environment that promotes the sharing of diverse perspectives and expertise.
- 12. Documentation and Reporting:
  - Maintain detailed documentation of discussions, decisions, and action items.
  - Generate comprehensive reports summarizing meeting outcomes for reference and future planning.
- 13. Continuous Improvement:
  - Implement a feedback mechanism to gather input from participants for continuous improvement of the eCall Association process.
  - Adapt meeting structures and agendas based on feedback and evolving eCall requirements.
- 14. Communication Plan:
  - Develop a robust communication plan to keep stakeholders informed between meetings.
  - Utilize various channels, including newsletters and email updates, to share relevant information.
- 15. Observer Role of the EU Commission:
  - Clearly define the role of the EU Commission as an observer.
  - Facilitate a mechanism for the Commission to provide insights and recommendations.
- 16. International Congress Presentations:
  - Strategically plan presentations at international congresses to maximize impact and visibility.
  - Coordinate with event organizers to secure speaking slots and optimize exposure.
- 17. Collaboration with T4.3:
  - Establish regular communication channels with T4.3 to ensure synergy and alignment of efforts.
  - Explore opportunities for joint initiatives and resource-sharing.
- 18. Risk Management:
  - Identify potential risks associated with the reactivation of eCall Association and develop mitigation strategies.
  - Establish contingency plans to address unforeseen challenges.



### T4.3 - Study on the Advancement of eCall in the EU: Promoting Efficiency and Innovation

The study will analyse anticipated strengths and challenges of eCall NG, explore opportunities for optimization and lay groundwork for future service developments.

It will be conducted in close cooperation with the EeIP and other stakeholders considering different views and assessing their impact as well as costs and benefits.

As result a roadmap is created providing guidance to policy makers, authorities, services providers and others for their decisions related to investments, support and regulatory actions which will increase innovativeness and efficiency of emergency services in Europe.

Content of the call for tenders “Advancement of eCall”:

#### 1. Objective of the Study:

- Analyse anticipated strengths and challenges of eCall NG.
- Explore opportunities for optimization in the eCall NG system.

#### 2. Collaborative Approach:

- Conduct the study in close cooperation with the European Emergency Infrastructure Platform (EeIP).
- Engage with various stakeholders, including but not limited to governmental bodies, industry experts, and technology providers.

#### 3. Consideration of Diverse Perspectives:

- Take into account different views of stakeholders involved in emergency services.
- Assess the impact of these perspectives on the overall effectiveness of eCall NG.

#### 4. Roadmap Development:

- Develop a comprehensive roadmap based on the study findings.
- The roadmap should outline key steps and milestones for the implementation of eCall NG.

#### 5. Guidance for Decision Makers:

- Provide clear guidance to policy makers on decisions related to investments in eCall NG.
- Assist authorities in determining appropriate support mechanisms for the implementation of eCall NG.

#### 6. Regulatory Actions:

- Propose regulatory actions that will facilitate the efficient implementation of eCall NG.
- Address any legal or compliance considerations that may impact the deployment of the technology.

#### 7. Innovativeness and Efficiency:

- Emphasize the goal of increasing innovativeness and efficiency in emergency services across Europe.
- Highlight the role of eCall NG in achieving these objectives.


#### 8. Stakeholder Engagement Plan:

- Develop a plan for ongoing engagement with stakeholders to ensure the sustained success of eCall NG.
- Foster collaboration and communication channels for continuous improvement.

## STAFF EFFORT

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

## LIST OF DELIVERABLES

<b>Deliverables</b>						
<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 <a href="#">2015/444</a></i>						
<b>Deliverable No</b>	<b>Deliverable Name</b>	<b>Work Package No</b>	<b>Lead Beneficiary</b>	<b>Type</b>	<b>Dissemination Level</b>	<b>Due Date (month)</b>
D1.1	Progress report 1 of X_HeERO	WP1	1 - DE_ITSm	R — Document, report	SEN - Sensitive	13
D1.2	Progress report 2 of X_HeERO	WP1	1 - DE_ITSm	R — Document, report	SEN - Sensitive	35
D1.3	SoA analysis report	WP1	2 - DE_OECON	R — Document, report	SEN - Sensitive	13
D1.4	Blueprint Designs for NG eCall	WP1	2 - DE_OECON	R — Document, report	SEN - Sensitive	16
D1.5	Progress report of the NG eCall deployment of X_HeERO	WP1	2 - DE_OECON	R — Document, report	SEN - Sensitive	25
D1.6	Dissemination Plan	WP1	1 - DE_ITSm	R — Document, report	SEN - Sensitive	12
D1.7	Report of project results	WP1	1 - DE_ITSm	R — Document, report	PU - Public	40
D2.1	Vulnerable Road Users Analysis Report	WP2	2 - DE_OECON	R — Document, report	SEN - Sensitive	19
D2.2	Vulnerable Road Users Final Report	WP2	2 - DE_OECON	R — Document, report	SEN - Sensitive	37
D2.3	Autonomous Vehicles Analysis Report	WP2	3 - DE_hilynx	R — Document, report	SEN - Sensitive	19
D2.4	Autonomous Vehicle Demonstration	WP2	3 - DE_hilynx	DEM — Demonstrator, pilot, prototype	SEN - Sensitive	25
D2.5	Autonomous Vehicles Final Report	WP2	3 - DE_hilynx	R — Document, report	SEN - Sensitive	37
D3.1	PSAP Inter-communication SoA Analysis	WP3	2 - DE_OECON	R — Document, report	SEN - Sensitive	22

<b>Deliverables</b>						
<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 <a href="#">2015/444</a></i>						
<b>Deliverable No</b>	<b>Deliverable Name</b>	<b>Work Package No</b>	<b>Lead Beneficiary</b>	<b>Type</b>	<b>Dissemination Level</b>	<b>Due Date (month)</b>
D3.2	TPS-to-PSAP Inter-communication SoA Analysis	WP3	2 - DE_OECON	R — Document, report	SEN - Sensitive	28
D3.3	Security Analysis and Recommendations	WP3	2 - DE_OECON	R — Document, report	SEN - Sensitive	40
D3.4	Report for additional Data Integration	WP3	2 - DE_OECON	R — Document, report	SEN - Sensitive	40
D4.1	Webinar webpage	WP4	1 - DE_ITSm	DEC — Websites, patent filings, videos, etc	PU - Public	13
D4.2	Webinar Mid-term Report	WP4	1 - DE_ITSm	R — Document, report	SEN - Sensitive	22
D4.3	Webinar Final Report	WP4	1 - DE_ITSm	R — Document, report	SEN - Sensitive	40
D4.4	Tender documents “eCall Collaboration”	WP4	2 - DE_OECON	R — Document, report	SEN - Sensitive	13
D4.5	Intermediate report “eCall Collaboration”	WP4	2 - DE_OECON	R — Document, report	SEN - Sensitive	22
D4.6	Study results “eCall Collaboration”	WP4	2 - DE_OECON	R — Document, report	SEN - Sensitive	40
D4.7	Tender documents “Advancement of eCall”	WP4	1 - DE_ITSm	R — Document, report	SEN - Sensitive	13
D4.8	Intermediate report “Advancement of eCall”	WP4	1 - DE_ITSm	R — Document, report	SEN - Sensitive	22
D4.9	Study results “Advancement of eCall”	WP4	1 - DE_ITSm	R — Document, report	SEN - Sensitive	40

**Deliverable D1.1 – Progress report 1 of X\_HeERO**

<b>Deliverable Number</b>	D1.1	<b>Lead Beneficiary</b>	1 - DE_ITSm
<b>Deliverable Name</b>	Progress report 1 of X_HeERO		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	13	<b>Work Package No</b>	WP1

<b>Description</b>
PDF Text Report in English, describing the progress of the project

**Deliverable D1.2 – Progress report 2 of X\_HeERO**

<b>Deliverable Number</b>	D1.2	<b>Lead Beneficiary</b>	1 - DE_ITSm
<b>Deliverable Name</b>	Progress report 2 of X_HeERO		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	35	<b>Work Package No</b>	WP1

<b>Description</b>
PDF Text Report in English, describing the progress of the project

**Deliverable D1.3 – SoA analysis report**

<b>Deliverable Number</b>	D1.3	<b>Lead Beneficiary</b>	2 - DE_OECON
<b>Deliverable Name</b>	SoA analysis report		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	13	<b>Work Package No</b>	WP1

<b>Description</b>
PDF Text Report in English, describing the State of the Art analysis of the eCall implementation in Europe

**Deliverable D1.4 – Blueprint Designs for NG eCall**

<b>Deliverable Number</b>	D1.4	<b>Lead Beneficiary</b>	2 - DE_OECON
<b>Deliverable Name</b>	Blueprint Designs for NG eCall		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	16	<b>Work Package No</b>	WP1

<b>Description</b>
PDF Text Report in English, describing the created blueprints for updating existing eCall systems in PSAPs with Next Generation eCall

**Deliverable D1.5 – Progress report of the NG eCall deployment of X\_HeERO**

<b>Deliverable Number</b>	D1.5	<b>Lead Beneficiary</b>	2 - DE_OECON
<b>Deliverable Name</b>	Progress report of the NG eCall deployment of X_HeERO		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	25	<b>Work Package No</b>	WP1

<b>Description</b>
PDF Text Report in English, describing the progress of the NG eCall deployment of X_HeERO

**Deliverable D1.6 – Dissemination Plan**

<b>Deliverable Number</b>	D1.6	<b>Lead Beneficiary</b>	1 - DE_ITSm
<b>Deliverable Name</b>	Dissemination Plan		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	12	<b>Work Package No</b>	WP1

<b>Description</b>
PDF Text Report in English, describing the dissemination plan

**Deliverable D1.7 – Report of project results**

<b>Deliverable Number</b>	D1.7	<b>Lead Beneficiary</b>	1 - DE_ITSm
<b>Deliverable Name</b>	Report of project results		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	PU - Public
<b>Due Date (month)</b>	40	<b>Work Package No</b>	WP1

<b>Description</b>
PDF Text Report in English, describing the project results of each work package of X_HeERO

**Deliverable D2.1 – Vulnerable Road Users Analysis Report**

<b>Deliverable Number</b>	D2.1	<b>Lead Beneficiary</b>	2 - DE_OECON
<b>Deliverable Name</b>	Vulnerable Road Users Analysis Report		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	19	<b>Work Package No</b>	WP2

<b>Description</b>
PDF Text Report in English, describing the Vulnerable Road Users Analysis

### Deliverable D2.2 – Vulnerable Road Users Final Report

<b>Deliverable Number</b>	D2.2	<b>Lead Beneficiary</b>	2 - DE_OECON
<b>Deliverable Name</b>	Vulnerable Road Users Final Report		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	37	<b>Work Package No</b>	WP2

<b>Description</b>
PDF Text Report in English, describing the results von task 2.1

### Deliverable D2.3 – Autonomous Vehicles Analysis Report

<b>Deliverable Number</b>	D2.3	<b>Lead Beneficiary</b>	3 - DE_hilynx
<b>Deliverable Name</b>	Autonomous Vehicles Analysis Report		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	19	<b>Work Package No</b>	WP2

<b>Description</b>
PDF Text Report in English, describing the Autonomous Vehicles Analysis

### Deliverable D2.4 – Autonomous Vehicle Demonstration

<b>Deliverable Number</b>	D2.4	<b>Lead Beneficiary</b>	3 - DE_hilynx
<b>Deliverable Name</b>	Autonomous Vehicle Demonstration		
<b>Type</b>	DEM — Demonstrator, pilot, prototype	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	25	<b>Work Package No</b>	WP2

<b>Description</b>
Demonstration of an eCall scenario with an autonomous vehicle

### Deliverable D2.5 – Autonomous Vehicles Final Report

<b>Deliverable Number</b>	D2.5	<b>Lead Beneficiary</b>	3 - DE_hilynx
<b>Deliverable Name</b>	Autonomous Vehicles Final Report		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	37	<b>Work Package No</b>	WP2

<b>Description</b>
PDF Text Report in English, describing the results von task 2.2

**Deliverable D3.1 – PSAP Inter-communication SoA Analysis**

<b>Deliverable Number</b>	D3.1	<b>Lead Beneficiary</b>	2 - DE_OECON
<b>Deliverable Name</b>	PSAP Inter-communication SoA Analysis		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	22	<b>Work Package No</b>	WP3

<b>Description</b>
PDF Text Report in English, describing the PSAP Inter-communication SoA Analysis

**Deliverable D3.2 – TPS-to-PSAP Inter-communication SoA Analysis**

<b>Deliverable Number</b>	D3.2	<b>Lead Beneficiary</b>	2 - DE_OECON
<b>Deliverable Name</b>	TPS-to-PSAP Inter-communication SoA Analysis		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	28	<b>Work Package No</b>	WP3

<b>Description</b>
PDF Text Report in English, describing the TPS-to-PSAP Inter-communication SoA Analysis

**Deliverable D3.3 – Security Analysis and Recommendations**

<b>Deliverable Number</b>	D3.3	<b>Lead Beneficiary</b>	2 - DE_OECON
<b>Deliverable Name</b>	Security Analysis and Recommendations		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	40	<b>Work Package No</b>	WP3

<b>Description</b>
PDF Text Report in English, describing the Security Analysis and Recommendations

**Deliverable D3.4 – Report for additional Data Integration**

<b>Deliverable Number</b>	D3.4	<b>Lead Beneficiary</b>	2 - DE_OECON
<b>Deliverable Name</b>	Report for additional Data Integration		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	40	<b>Work Package No</b>	WP3

<b>Description</b>
PDF Text Report in English, describing the results of the additional Data Integration



**Deliverable D4.1 – Webinar webpage**

<b>Deliverable Number</b>	D4.1	<b>Lead Beneficiary</b>	1 - DE_ITSm
<b>Deliverable Name</b>	Webinar webpage		
<b>Type</b>	DEC — Websites, patent filings, videos, etc	<b>Dissemination Level</b>	PU - Public
<b>Due Date (month)</b>	13	<b>Work Package No</b>	WP4

<b>Description</b>
X_HeERO website with the possibility to identify upcoming X_HeERO webinars and to register for them

**Deliverable D4.2 – Webinar Mid-term Report**

<b>Deliverable Number</b>	D4.2	<b>Lead Beneficiary</b>	1 - DE_ITSm
<b>Deliverable Name</b>	Webinar Mid-term Report		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	22	<b>Work Package No</b>	WP4

<b>Description</b>
PDF Text Report in English, describing the interim results of the X_HeERO webinars

**Deliverable D4.3 – Webinar Final Report**

<b>Deliverable Number</b>	D4.3	<b>Lead Beneficiary</b>	1 - DE_ITSm
<b>Deliverable Name</b>	Webinar Final Report		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	40	<b>Work Package No</b>	WP4

<b>Description</b>
PDF Text Report in English, describing the results of the X_HeERO webinars

**Deliverable D4.4 – Tender documents “eCall Collaboration”**

<b>Deliverable Number</b>	D4.4	<b>Lead Beneficiary</b>	2 - DE_OECON
<b>Deliverable Name</b>	Tender documents “eCall Collaboration”		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	13	<b>Work Package No</b>	WP4

<b>Description</b>
PDF Text Report in English, describing the Tender documents for the “eCall Collaboration” study

**Deliverable D4.5 – Intermediate report “eCall Collaboration”**

<b>Deliverable Number</b>	D4.5	<b>Lead Beneficiary</b>	2 - DE_OECON
<b>Deliverable Name</b>	Intermediate report “eCall Collaboration”		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	22	<b>Work Package No</b>	WP4

<b>Description</b>
PDF Text Report in English, describing the interim results of the “eCall Collaboration” study

**Deliverable D4.6 – Study results “eCall Collaboration”**

<b>Deliverable Number</b>	D4.6	<b>Lead Beneficiary</b>	2 - DE_OECON
<b>Deliverable Name</b>	Study results “eCall Collaboration”		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	40	<b>Work Package No</b>	WP4

<b>Description</b>
PDF Text Report in English, describing the results of the “eCall Collaboration” study

**Deliverable D4.7 – Tender documents “Advancement of eCall”**

<b>Deliverable Number</b>	D4.7	<b>Lead Beneficiary</b>	1 - DE_ITSm
<b>Deliverable Name</b>	Tender documents “Advancement of eCall”		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	13	<b>Work Package No</b>	WP4

<b>Description</b>
PDF Text Report in English, describing the Tender documents for the “Advancement of eCall” study

**Deliverable D4.8 – Intermediate report “Advancement of eCall”**

<b>Deliverable Number</b>	D4.8	<b>Lead Beneficiary</b>	1 - DE_ITSm
<b>Deliverable Name</b>	Intermediate report “Advancement of eCall”		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	22	<b>Work Package No</b>	WP4

<b>Description</b>
PDF Text Report in English, describing the interim results of the “Advancement of eCall” study

**Deliverable D4.9 – Study results “Advancement of eCall”**

<b>Deliverable Number</b>	D4.9	<b>Lead Beneficiary</b>	1 - DE_ITSm
<b>Deliverable Name</b>	Study results “Advancement of eCall”		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	40	<b>Work Package No</b>	WP4

<b>Description</b>
PDF Text Report in English, describing the results of the “Advancement of eCall”

## LIST OF MILESTONES

<b>Milestones</b>					
<i>Grant Preparation (Milestones screen) — Enter the info.</i>					
<b>Milestone No</b>	<b>Milestone Name</b>	<b>Work Package No</b>	<b>Lead Beneficiary</b>	<b>Means of Verification</b>	<b>Due Date (month)</b>
1	Consortium Agreement signed	WP1	1 - DE_ITSm	All beneficiaries have been signed the Consortium Agreement, which specifies further agreements and responsibilities.	10
2	Blue Prints published	WP1	2 - DE_OECON	Blueprint Designs for NG eCall Upgrades (D1.4) completed and published.	16
3	X_HeERO PSAP's upgraded	WP1	2 - DE_OECON	All X_HeERO PSAP's finished their installation/upgrade of NG eCall. (D1.5)	25
4	Project Results published	WP1	1 - DE_ITSm	A report presenting the results of the project to all interested parties (D1.7) has been published.	40
5	eCall VRU Analysis completed	WP2	2 - DE_OECON	Vulnerable Road Users Analysis Report (D2.1) has been finalised.	19
6	eCall AV Analysis completed	WP2	3 - DE_hilynx	Autonomous Vehicles Analysis Report (D2.3) has been finalised.	19
7	Final Report for eCall VRU completed	WP2	2 - DE_OECON	Vulnerable Road Users Final Report (D2.2) has been finalised.	37
8	Final Report for eCall AV completed	WP2	3 - DE_hilynx	Autonomous Vehicles Final Report (D2.5) has been finalised.	37
9	SoA Analysis completed	WP3	2 - DE_OECON	PSAP Inter-communication SoA Analysis (D3.1) has been finalised.	22
10	TPS Analysis completed	WP3	2 - DE_OECON	TPS-to-PSAP Inter-communication SoA Analysis (D3.2) has been finalised.	28
11	Final Report for Security and Data Integration completed	WP3	2 - DE_OECON	Security Analysis and Recommendations (D3.3)	40

<b>Milestones</b>					
<i>Grant Preparation (Milestones screen) — Enter the info.</i>					
<b>Milestone No</b>	<b>Milestone Name</b>	<b>Work Package No</b>	<b>Lead Beneficiary</b>	<b>Means of Verification</b>	<b>Due Date (month)</b>
				and Report for additional Data Integration (D3.4) has been finalised.	
12	"eCall Collaboration" procurement launched	WP4	2 - DE_OECON	Tender documents "eCall Collaboration" (D4.4) are finalised and procurement launched.	13
13	"Advancement of eCall" procurement launched	WP4	1 - DE_ITSm	Tender documents "Advancement of eCall" (D4.7) are finalised and procurement launched.	13
14	Associated partner webinar established	WP4	1 - DE_ITSm	Webinar webpage (D4.1) is available and first webinar date is published and open for registration.	16
15	Final Report for "eCall Collaboration" completed	WP4	2 - DE_OECON	Study results "eCall Collaboration" (D4.6) are finalised.	40
16	Final Report for "Advancement of eCall" completed	WP4	1 - DE_ITSm	Study results "Advancement of eCall" (D4.9) are finalised.	40

## LIST OF CRITICAL RISKS

<b>Critical risks &amp; risk management strategy</b>			
<i>Grant Preparation (Critical Risks screen) — Enter the info.</i>			
<b>Risk number</b>	<b>Description</b>	<b>Work Package No(s)</b>	<b>Proposed Mitigation Measures</b>
1	Micromanagement delays the project Impact: medium, likelihood: low	WP1	The co-ordinator is aware of the scale of the task, and have considerable experience in CEF projects. A robust management structure will be placed around the coordinator, who has participated in all HeERO project and the technical guidance to the I_HeERO project to allow

<b>Critical risks &amp; risk management strategy</b>			
<i>Grant Preparation (Critical Risks screen) — Enter the info.</i>			
<b>Risk number</b>	<b>Description</b>	<b>Work Package No(s)</b>	<b>Proposed Mitigation Measures</b>
			him to provide the strategic direction to the project with effective administrative activities aligned with the strategic function.
2	Partners leaving the consortium, Resources and know-how are missing Impact: medium, likelihood: low	WP1, WP4, WP3, WP2	In case a partner leaves the consortium, the other partners will take the responsibilities of the leaving partner. The consortium has wide knowledge of the issues to be studied and, for each partner, one or more back-up partner/partners are available.
3	Missing competences in the consortium when facing technical challenges Impact: high, likelihood: low	WP1, WP3, WP2	The complementary skills and competences of all the experienced partners make it possible to overcome many unforeseeable potential problems.
4	Technical objectives too ambitious to be achieved in the project runtime. Impact: high, likelihood: low	WP1	The consortium will carefully consider each step forward, adopt prudent planning and leverage partners' experience to possibly adjust project objectives for achieving the intended results.
5	Intermediate results not ready in time to be transferred to other Activities Impact: low, likelihood: medium	WP1, WP3, WP2	The Activity leaders will actively involve all the necessary partners from the start and regularly monitor progress, while fostering good relationship and collaboration among partners.
6	Technical Complexity: The technical upgrades may face unforeseen complexities. Impact: high, likelihood: low	WP1	Conduct a comprehensive technical feasibility study. Engage experienced vendors and ensure a phased implementation approach for thorough testing and issue resolution.
7	Integration issues with existing PSAP systems. Impact: high, likelihood: low	WP1	Develop a robust integration plan. Conduct thorough testing in a controlled environment. Establish communication channels with PSAP for prompt issue resolution.
8	Changes in regulatory requirements or non-compliance. Impact: high, likelihood: low	WP1	Regularly monitor and stay updated on regulatory changes. Establish a dedicated compliance team to ensure adherence. Maintain open communication with regulatory bodies.
9	Breach of sensitive information during data transfer. Impact: medium, likelihood: low	WP1, WP3	Implement robust encryption protocols. Conduct regular security audits. Comply with data protection regulations (e.g., GDPR). Train staff on cybersecurity best practices.
10	Insufficient human and financial resources. Impact: high, likelihood: low	WP1, WP4, WP3, WP2	Develop a detailed resource plan. Secure additional funding if necessary. Prioritize tasks and allocate resources efficiently. Consider outsourcing non-core activities.
11	PSAP staff may face challenges in adapting to the new technology. Impact: medium, likelihood: low	WP1	Develop a comprehensive training program. Conduct workshops and simulations. Provide

<b>Critical risks &amp; risk management strategy</b>			
<i>Grant Preparation (Critical Risks screen) — Enter the info.</i>			
<b>Risk number</b>	<b>Description</b>	<b>Work Package No(s)</b>	<b>Proposed Mitigation Measures</b>
			ongoing support during the initial implementation phase. Collect feedback for continuous improvement.
12	Dependence on third-party vendors for equipment and services. Impact: medium, likelihood: low	WP1	Perform thorough vendor assessments. Sign robust contracts with clear service level agreements (SLAs). Establish contingency plans in case of vendor-related issues.
13	Inadequate communication between project teams and PSAP. Impact: low, likelihood: medium	WP1	Implement a robust communication plan. Regularly update stakeholders on project progress. Establish clear channels for issue reporting and resolution.
14	Unforeseen Events (Natural Disasters, Pandemics, etc.) beyond control affecting project timelines. Impact: high, likelihood: low	WP1, WP4, WP3, WP2	Develop a business continuity plan. Include contingency timelines in the project schedule. Establish remote working capabilities to mitigate the impact of external events.



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

#### Project description, scope and objectives

##### GENERAL DESCRIPTION OF THE GLOBAL PROJECT INCLUDING NEEDS AND OBJECTIVES

Road fatalities in the EU-27 have fallen by more than 27% since 2001, when the European Commission published its White Paper on European Transport Policy. The European Road Safety Action Programme and the Intelligent Car Initiative had a significant impact on this positive development and were expected to continue in the medium term to produce further benefits towards the goal of halving the fatalities by 2010.

However, even with these improvements, there were still 39 000 killed and more than 1.7 million people injured in 2008 on European roads, further action was required.

In 2010 the EU Commission launched the European ITS Action Plan, which covered a section for Road safety and security. This section promotes support for a harmonised introduction of the pan-European eCall, including awareness campaigns, upgrading Public Service Access Points (PSAP) infrastructures and an assessment of the need for regulation. Feasibility studies by the European Commission have indicated that eCall can make a significant reduction to the number of people killed on the road and reduce the severity of injuries, by enabling an early intervention by the emergency services, providing more rapid access to medical services in that vital 'golden hour' following an incident.

eCall is an emergency call (112) generated either manually by vehicle occupants or automatically via activation of in-vehicle sensors, following a collision. The service is free at the point of use for all the citizens of Europe. Its adoption and deployment throughout Europe will provide wide spread benefits at all social and technical levels across the Union.

When activated, the in-vehicle eCall system will establish a voice connection directly with the relevant PSAP. At the same time, a minimum set of incident data (MSD) is sent to the PSAP operator receiving the voice call, providing the location and other vehicle data. The eCall service uses the common European standards defined by ETSI and CEN.

The pre-deployment evaluation of eCall as a part of the ITS action plan started with the EU co-funded R&D projects "HeERO" & "HeERO 2" (Harmonised eCall European Pilot) from 2012 to 2015. In these projects 14 participating Member States analysed the feasibility and robustness of the eCall service with pilot installations on both the PSAP and vehicle side. These goals were complemented by an evaluation of the inter-operability of the pan-European eCall service based on 112.

From 2016 to 2018, the CEF funded I\_HeERO project was established to enable the PSAP in the EU to co-finance the costs of the eCall upgrade. 11 EU member states participated in the project, which, in addition to pure funding, also provided essential technical support for the upgrade by analysing the PSAP' existing infrastructure and creating suitable blueprints for the upgrade. A functional test and a conformity check completed the offer.

The project also looked at the proposed expansions of eCall, to other classes of vehicle, including commercial vehicles, and powered two/three wheeled vehicles, creates new, potentially lucrative market opportunities for sales of aftermarket eCall systems and at the same time will reduce market penetration times across the EU, thereby deriving the benefits of eCall much earlier.



After eCall was introduced for passenger cars, the follow-up project sAFE began in 2019 to expand the eCall specification for other vehicles. The possibilities for aftermarket systems were also explored. An early draft specification for the next generation of eCall was also tested in the laboratory for the first time.

The continued operation of eCall in many EU countries is now jeopardized by the further development of mobile networks. The contracts for the use of 2G technology (GSM), which were granted to mobile phone providers for a limited period, will expire in many EU countries in the next few years. Some countries have already started to switch off the 2G network. The 3G network, which was introduced later and was also used for eCall, has already been switched off in almost all EU countries in favour of newer technology. eCall is basically defined as technology-free, but the vehicles delivered to date have only used 2G and 3G modems for eCall.

For years, mobile communications providers have been building mobile networks based on packet-switched technology instead of circuit-switched technology. The use of these networks offers a further advantage in addition to future security: the data transmission of the eCall data in the Minimum Set of Data (MSD) can be considerably accelerated, as the data is transmitted in parallel to the call in the so-called SIP header. At the end of the I\_HeERO project, an initial draft for a standard for the use of the new SIP header was already available.

In order to continue receiving eCall in the future, the PSAP will need to upgrade the technology they use. This project, "X\_HeERO", is aimed at the preparation of the PSAP in Member States for the deployment of eCall based on 112 as reference implementations. It addresses explicitly the PSAP element of the eCall roll-out and will enable the PSAP to install hardware and software solutions which fits the necessary requirements within each member state, preparing member States for the Mandatory implementation of the eCall service. This must be achieved in a consistent manner since this is a pan European roll out which will cover every single member state and by that all parts of the Ten T network

The X\_HeERO consortium will develop and provide blueprints (implementation plans) to participating member state PSAP on how to upgrade their infrastructure to support NG eCall as a pan European concept. This will also be available to all Member States and/or PSAP, to include those not participating in the project, to ensure that all PSAP in the participating member states are ready for NG eCall by the 1st of January 2026. This plan will be based on a core architecture developed through in-depth analysis and extensive end-to-end testing of the entire flow from vehicle (IVS) to PSAP via mobile networks.

Interoperability between PSAP including the cross-border exchange of digital information related to NG eCall creates a new challenge for the existing infrastructure in the member state PSAP. Additional communication channels and handling procedures will have to be established to enable PSAP to exchange data with each other and to connected partners like traffic management centres. X\_HeERO will provide guidance in this area as part of the blueprint.

To maximise the benefits of the eCall service and to continue to reduce number of casualties on the roads of Europe, the project will undergo a study regarding eCall challenges identified by past projects, the eCall Association initiative, the European eCall platform and other stakeholders, but also the integration of vulnerable road users, autonomous vehicles and the usability and extension of Third-party Services (TPS) interfaces.

Especially the data transmission between Third-party Service Call Centers and the 112 PSAP has become an issue since the introduction of eCall in 2018. With EN 16102, there is an existing definition for a data transmission interface, but the definition is still incomplete, and the implementation of the interface was defined as optional all over Europe. In 2023, only a few PSAP can receive MSD data from TPS. Some PSAP get this important data by phone, in most situations it is lost.



The new classes of vehicles have a major impact on the Ten T network across Europe; introduction of eCall to these classes of vehicle will have a profound impact on the management of the Ten T network, by providing accurate notifications of incidents on the network. This will improve the emergency response and the management of the network itself.

The results gained from the earlier eCall projects including sAFE concerning PSAP handling procedures and data access for these additional user groups of eCall will require different ways of managing an eCall generated by these vehicles, which may include additional data or have specific requirements for activation, in the case of autonomous vehicles or vulnerable road users; the X\_HeERO consortium will address these.

#### DESCRIPTION OF THE PROJECT

General description of the Action including needs and objectives:

The X\_HeERO project, main goal is to guide member states towards an upgrade of the existing infrastructure in the PSAP thus enabling NG eCall based on 112 to be handled correctly across all member states. This is a legal requirement for all member states (on 6 February 2024, the EU Commission adopted a legal act amending Regulation No. 305/2013) so ALL member states will be looking to see how X\_HeERO achieved the necessary changes to enable NG eCall to happen.

The fast changes and development in the field of mobile communications means that additional data can be processed, and additional use cases can emerge and, also eCall services will migrate to other communication bearers including Satellite Communication. This will require further enhancements and adjustments to the PSAP after the initial deployment to allow for a smooth and seamless upgrade as the new communication technologies become commercially available. To secure investment and durability for the PSAP, X\_HeERO will analyse emerging technologies and their direct implications to the data processing within the PSAP, to include the impact of the introduction of the 112 Next Generation service for the PSAP.

Data integration is a key aspect for an optimized upgrade of existing infrastructure in the PSAP. The data integration required for the eCall service allows the exchange of data between a PSAP having received the eCall and PSAP dealing with rescue mobilization This may be further complicated where the eCall handling the incident may be in one member state but the eCall is routed to the PSAP of another member state., or within a member state with regional distributed responsibilities for eCall processing. This increases the risk of the eCall being routed to the “wrong” PSAP. Since 2018, also Third-Party Services operated by automotive companies have grown. Data transmission between TPS and 112 PSAP is still an unsolved issue. With NG eCall, there will be a second chance of introducing a new level of data transmission between TPS and 112 PSAP.

According to the adopted Regulation No. 305/2013, a mandatory introduction of eCall NG in all PSAP of the European Union on 1st of January 2026 is stipulated by law. As in 2016, the Delegated Regulation applies directly. No additional country-specific laws are therefore required for implementation - PSAP must be able to receive eCall by the deadline of 1 January 2026.

The X\_HeERO study which will lead to a pilot will analyse and propose options to improve the efficiency and effectiveness of this eCall data exchange at a Pan European level, in all the above scenarios, including the different approaches adopted by member states deploying the eCall service in their respective PSAP. This will include a study leading to a pilot installation. The scope of this project is to undertake a study leading to an implementation of as many as possible of the different technologies required for the upgrade of the PSAP to deliver the NG eCall service. This will be used as guidance for full deployment to achieve the required full coverage of the NG eCall service in all member states. As part of delivering the blueprint, (NG eCall implementation and upgrade plan) the identified PSAP will be equipped with required hardware and software to enable the proper processing of the incoming NG eCall and staff will be trained to use it. The processes followed will be documented and shared, to allow



other PSAP with comparable architecture to follow a similar approach, increasing the possibility of an easy upgrade utilizing X\_HeERO experience to reduce risks, costs and implementation time. And provides a direct value added for member states who have not been able to participate in the X\_HeERO project.

The study will emphasize also the critical need to implement eCall 112 technology across all European roads for enhanced road safety. Large-scale adoption, despite substantial investments, addresses potential severe accidents with significant societal impact. To assess efficiency, an Economic Cost Benefit Analysis (ECBA) will be conducted in two stages, employing the European Commission-endorsed methodology. The Technology Acceptance Model (TAM) will be applied in the first stage to understand user acceptance factors. The second stage involves utilizing existing data for ECBA, aiming to inform after-market eCall implementation decisions and provide insights on annual benefits and costs associated with the Next Generation (NG) upgrade.

Of particular importance in these studies are the resulting implications for data processing in the PSAP. It is essential that the processing of data and the access to this information by the call handler for these new vehicle types, shall not require a complete redesign of the implementation, but allow for a smooth integration and a seamless operation. Therefore, the study will be supplemented by implementing prototypes of the required data changes to evaluate the impact on PSAP under real conditions and the resulting implications for data integration and exchange.

In parallel, new vehicle types for which eCall can be implemented will be explored as part of a study. These are based upon the wishes expressed in the European Parliament and the Council to expand the eCall service to new participants, including vulnerable road users and autonomous vehicles.

Of particular importance in these studies are the resulting implications for data processing in the PSAP. It is essential that the processing of data and the access to this information by the call handler for these new vehicle types shall not require a complete redesign of the implementation, but allow for a smooth integration and a seamless operation. Therefore, the study will be supplemented by implementing prototypes of the required data changes to evaluate the impact on PSAP under real conditions and the resulting implications for data integration and exchange.

#### X\_HeERO Objective:

To prepare Member State Public Safety Answering Points (PSAP) for the deployment of eCall based on 112 based on reference implementations.

The objective has the following supporting aims:

1. To prepare the necessary PSAP infrastructure to extend pan-European eCall for packet-switched technology (LTE, 5G, ...).
2. To boost Member States investment in the PSAP infrastructure and interoperability of the service by the end of 2025
3. Preparation for deployment for eCall integration of vulnerable road users and autonomous vehicles
4. To define or adjust an accurate interface for data transmission between TPS and 112 PSAP
5. To look at advancements in the management of data in the PSAP (including additional data)
6. Evaluate the feasibility of widespread implementation of NextGen eCall 112 technology on European roads, considering its impact, economic aspects, and operationalization scenarios.

To achieve the above objective and aims the following detailed activities will be fulfilled:

1. Recognition of NG eCall service for all of Europe
2. Update the training materials for the eCall operators for all member states involved regarding NG eCall.
3. Produce recommendations for NG eCall deployment and deployment activities in Europe.
4. Produce recommendations for NG eCall regarding the use of additional data.



5. Assessing NextGen eCall 112 viability on European roads, factoring impact, economics, and operationalization for widespread application.
6. Promote results and best practices with other EU Member States not involved in X\_HeERO pilot.
7. Identify the necessary technical infrastructure to upgrade PSAP equipment, by upgrading several PSAP in each participating Member State
8. To identify the necessary updates on the current regulation framework
9. To define a guideline with the necessary configurations needed in the MNOs infrastructure to support eCall specific signalling
10. Identify requirements to extend the eCall handling procedures in the PSAP to vulnerable road users and provide guidance for intended readiness by blueprint implementations.
11. Identify requirements to extend the eCall handling procedures in the PSAP to autonomous vehicles and provide guidance for intended readiness by blueprint implementations.
12. Identify requirements to extend the eCall data handling procedures in the PSAP to allow receiving NG eCall data from TPS providers.
13. Identify requirements to enable PSAP to exchange information between adjacent member states (cross border) and two adjacent PSAP within one member state if applicable and provide guidance for intended readiness by blueprint implementations.
14. Assure a correct and comparable conformity assessment of the developed blueprint.
15. Identify necessary support for the eCall Association initiative, the European eCall platform and other stakeholders.

Contribution of the Action to the Global Project and expected results:

The member state participants will participate in the above listed activities, not all will follow the same activity path. The short concise list below details the activities to be undertaken. In addition, there will be eCall advancement activities eCall vulnerable road users, eCall for autonomous cars and Data Integration. The advancement activities will be dealt with in work package 4.

List of participating countries and main contribution:

Germany:

Germany has the need to achieve a large number of upgrades to the PSAP in Germany to receive NG eCall. The project will re-use the outcome of blueprints and the existing contacts to software vendors for PSAP software in I\_HeERO to give recommendations to the different PSAP. Also, the question of transmitting data from Third-party services to 112 PSAP will be handled.

Cyprus:

Cyprus will participate in the project through the Cyprus University of Technology (CUT) to keep up to date with the latest developments around eCall enabling the production of recommendations for NG eCall deployment. CUT will contribute to the technically related studies of the project to define procedures and protocols for NG eCall data exchange amongst PSAP. Efforts will also be dedicated to defining how vulnerable road users can be potentially supported by NG eCall along with the call handling procedures of calls from autonomous vehicles which are an imminent disruption to road transportation as it is known today.

Spain:

Within the framework of this project, Spain will upgrade and test eCall NG in two representative PSAP, applying the methodologies and collaboration patterns already used in HeERO2 and I\_HeERO. The results and lessons learnt in this process will serve as recommendations and guidelines to support the future full deployment of eCall NG in the rest of Spanish PSAP (17 in total). At the same time, Spanish partners will actively contribute to analyse the extension of eCall to new vehicle types and use cases.

Luxembourg:

The EU regulation, which will come into force in 2026, stipulates that e-calls made from vehicles in emergency situations may only be received via 4G and 5G networks. This





regulation marks an important step towards more modern communication technologies and will bring significant improvements to the efficiency and reliability of the Luxembourg eCall systems.

#### Belgium:

Belgium will participate in the project by the involvement of EENA which has been actively involved in promoting and advancing eCall in Europe and has previously provided technical guidance and support to member states, facilitating the design, testing, and deployment of eCall. Additionally, EENA has been at the forefront of discussions and initiatives related to the next generation eCall (NG eCall), working to ensure its compatibility and integration within the broader emergency service architecture.

EENA will contribute to the coordination of the upgrade to packet switched eCall, including analysis of the current state of the art in the member states, suggestions for the upgrade process, the implementation of the relevant standards, and the feasibility of the planned next generation emergency communications architecture in the member states. EENA will also provide technical guidance, coordinate the formulation of implementation guidelines for implementation, and ensure compatibility with other services, while strongly contributing to the communication and dissemination efforts for the project.

#### Italy:

Italy is committed to enhancing the eCall system on its territory, using the experience gained from participation in the HeERO1 and I\_HeERO projects. An important step is to study and test how the eCall NG service can be implemented on PSAP already equipped with the 'classic' eCall infrastructure. Currently, the eCall service is made available nationwide by the PSAP managed by AREU (Agenzia Regionale Emergenza Urgenza) and located in Varese with a back-up installation in the Brescia PSAP also managed by AREU.

#### Romania:

The Romanian eCall solution for road vehicles has been implemented as part of the 112 PSAP solution within the HeERO1 project. Romania has a centralised PSAP architecture with the main system based in Bucharest and regional operational centres in each of the 40 counties and with back-up capacities and 1 large disaster back-up centre. The HeERO1 ensured the readiness of the Romanian legacy eCall based solution for road vehicles, including all components of the eCall chain: information sent by the IVS, the eCall Flag and the PSAP information system that processes the information contained by the standard MSD. In 2019, STS started a project to upgrade the entire Romanian 112 infrastructure (41 PSAP, 160 Dispatch centres for Police, Ambulance, Fire brigade and Gendarmerie and over 500 substations for Police, Fire brigade and Ambulance) in order to migrate all system components to IP technology in an NG112 ESInet architecture.

Regarding the NG eCall (IMS eCall) implementation, the Romanian partners (Ro PSAP administrator, major MNOs, software development companies, regulatory body, academic partner) involved in the project will cover all the components that interact in the emergency call flow (mobile network, eCall modem, hardware and software services required for data exchange between eCall modem and PSAP software, PSAP operational expertise, training and dissemination).

Romanian-American University (RAU) will conduct a two-stage Economic Cost Benefit Analysis (ECBA) to assess the viability of implementing NG eCall technology in Europe. The analysis will consider impact, economic factors, and operationalisation scenarios, following the endorsed European Commission methodology. The results will be disseminated to national or international events and by publishing scientific papers.

Orange Romania (ORO) is currently the leader of the consortium developing the Romanian 112 Infrastructure upgrade project by adopting an architecture that allows more efficient management of emergency situations and assimilation of the new emergency communications standards. ORO is the leader of the Romanian mobile telephony market developing 4G and 5G services. During the project ORO will be involved in design, development, integration and testing in Romanian test facilities and live network, that will be evolved to support the NG eCall as part of this project. ORO relies on test facilities located in 5G and IoT Labs in Bucharest and Iasi where other European financed initiatives based on Horizon 2020 and Horizon Europe are developed. ORO will also support the testing and



validation of the NG eCall enabled devices for interoperability with evolved 112 infrastructure. Moreover, ORO will be involved in exploitation, dissemination and communication activities. The exploitation will be based on the new capabilities and innovation introduced by NG eCall for vulnerable road users and autonomous vehicles.

Moreover, during the project, the Romanian partners will contribute to the analysis of the necessary updates on the current European and national regulation framework.

The main objective is to improve the quality of the 112 emergency service offered to citizens by expanding the capabilities of the 112 Romanian Emergency System and integrating the IMS eCall based on packet-switched communications.

Additional objectives within the project's scope are:

- Study the feasibility of widespread implementation of NG eCall technology on European roads, considering its impact, economic aspects, and operationalisation scenarios.
- Study the potential solutions related to vulnerable road users and autonomous vehicles and provide guidance for intended readiness by blueprint implementations.
- Study on potential approach for cross border/TPSP NG eCall routing
  - First stage (automatically based on location - direct integration with ECRF)
  - Second stage (manually by the PSAP operator after conducting the interview and the location information analysis)
- Study the potential approach for receiving image information from the scene - e.g. environmental picture - in SIP INFO. Study proper transmission moments (one when triggering the eCall, and a second one after a configurable period of time, or manually requested by the PSAP)
- Study the potential approach for two-way data communication enabling the PSAP to send instructions to the vehicle, e.g. sound horn, flashlights, lock/unlock doors, disable ignition

Moldova:

The Republic of Moldova, represented by the Public Institution "National single service for emergency number 112," is committed to aligning itself with the directives of the European Union for the implementation of the eCall service. The specific contributions and objectives within the Global NG eCall Project are as follows:

1. System Upgrade and Integration: In alignment with the directives of the European Union, Moldova aims to upgrade its existing automated informational system based on the recommendations from the 2022 Feasibility Study. The primary objective is to integrate the eCall service into the updated system.
2. Infrastructure Enhancement: To meet the requirements outlined in the European Union Directive, Moldova will upgrade its system to a latest vendor version available on the market. This upgrade includes the implementation of new MCP servers and CoordCom REST API servers (ResQServices), ensuring seamless integration of eCall into the Moldovan emergency response system.
3. Verification Tests: Following the system upgrade and eCall integration, Moldova will conduct functionality verification tests. These tests are essential to ensure that the implemented eCall service functions effectively and meets the quality standards required to provide citizens with a reliable and efficient emergency service.
4. Telecommunication Protocols Support: To support the functionality of telecommunication protocols for the eCall NG service, Moldova will update and add necessary infrastructure components. This enhancement aims to ensure compatibility with the evolving telecommunication standards, contributing to a robust and future-proof emergency response system.
5. TETRA Radio Interface Integration: Moldova recognizes the importance of extending the capacity of interaction with Emergency Response Organizations (EROs) through the TETRA Radio Interface. This integration will enhance the quality of public safety by facilitating improved communication and coordination among entities dealing with the emergency number 112.

Expected Results:

- EU Directive Compliance: Moldova aims to meet the requirements of the European Union Directive, transforming its 112 PSAP into a blueprint eCall solution in accordance with EC Delegated Regulation No 305/2013.



- Upgraded System to the latest vendor Version: The system upgrade to the latest vendor version, with the integration of new servers and APIs, will result in an advanced infrastructure capable of supporting the NG eCall service efficiently.
- Quality eCall Service: Through thorough verification tests, Moldova seeks to ensure that the eCall service is seamlessly integrated and functions optimally, offering citizens a high-quality emergency service.
- Telecommunication Protocols Compatibility: The enhancement of infrastructure components will guarantee support for evolving telecommunication protocols, ensuring ongoing compatibility with emerging standards.
- Improved Interaction Capacity: The integration of TETRA Radio Interface will extend the capacity for interaction with EROs, contributing to enhanced public safety and more effective emergency response.

United Kingdom, Finland and the Czech Republic will support the project as Associated Partners.



## WORK PLAN

Work plan																																											
Year	Month	Responsible Partner	Deliverables and Milestones	Year 1												Year 2												Year 3												Year 4			
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
<b>Overall Project Phase</b>																																											
X_HeERO Runtime																																											
<b>Working Phase</b>																																											
<b>Activity 1 Study for an upgrade of PSAP for NG eCall</b>		DE_ITSm	<b>M1, M2, M3, M4</b>																																								
Activity 1.1 Project Coordination		DE_ITSm	D1.1.1 Progress report 1 of X_HeERO D1.1.2 Progress report 2 of X_HeERO																																								
Activity 1.2 Design		DE_OECON	D1.2.1 SoA Analysis D1.2.2 Blueprint Designs for NG eCall																																								
Activity 1.3 Implementation		DE_OECON	D1.3.1 Progress report of the NG eCall deployment of X_HeERO																																								
Activity 1.4 Dissemination		DE_ITSm	D1.4.1 Dissemination Plan D1.4.2 Report of project results																																								
<b>Activity 2 eCall for vulnerable road users and autonomous vehicles</b>		DE_hilynx	<b>M5, M6, M7, M8</b>																																								
Activity 2.1 eCall for vulnerable road users		DE_OECON	D2.1.1 Vulnerable Road Users Analysis Report D2.1.2 Vulnerable Road Users Final Report																																								
Activity 2.2 eCall for autonomous vehicles		DE_hilynx	D2.2.1 Autonomous Vehicles Analysis Report D2.2.2 Autonomous Vehicle Demonstration D2.2.3 Autonomous Vehicles Final Report																																								
<b>Activity 3 PSAP Data integration</b>		OECON	<b>M9, M10, M11</b>																																								
Activity 3.1 SoA Analysis		DE_OECON	D3.1.1 PSAP Inter-communication SoA Analysis																																								
Activity 3.2 Protocol for common data exchange		DE_OECON	D3.2.1 TPS-to-PSAP Inter-communication SoA Analysis																																								
Activity 3.3 Security and integrity of the eCall data and transmission		DE_OECON	D3.3.1 Security Analysis and Recommendations																																								
Activity 3.4 Additional data services		DE_OECON	D3.4.1 Report for additional Data Integration																																								
<b>countries and associated commercial partners concerning eCall</b>		ITS mobility	<b>M12, M13, M14, M15, M16</b>																																								
Activity 4.1 Support for non-participating EU Member States		DE_ITSm	D4.1.1 Webinar webpage D4.1.2 Webinar Mid-term Report D4.1.3 Webinar Final Report																																								
Activity 4.2 Political Collaboration and reactivating existing membership groups		DE_OECON	D4.2.1 Tender documents "eCall Collaboration" D4.2.2 Intermediate report "eCall Collaboration" D4.2.3 Study results "eCall Collaboration"																																								
Activity 4.3 Study on the Advancement of eCall in the EU: Promoting Efficiency and Innovation		DE_ITSm	D4.3.1 Tender documents "Advancement of eCall" D4.3.2 Intermediate report "Advancement of eCall" D4.3.3 Study results "Advancement of eCall"																																								



## **ANNEXES**

### **LIST OF ANNEXES**

Subcontracting table

### SUBCONTRACTING TABLE

<b>Subcontracting</b> <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> <b>Note:</b> <i>The coordinator remains fully responsible for the coordination tasks, even if they are delegated to someone else. Coordinator tasks cannot be subcontracted.</i>			
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/AE responsible)	Estimated Costs (EUR)
T1.2	Design	DE_TH-EF will subcontract the following: <ul style="list-style-type: none"> <li>the analysis of the existing infrastructure and determination of necessary expansions</li> <li>the identification of the relevant requirements for the control center, such as technical, regulatory, and operational requirements</li> <li>the definition of the necessary hardware and software for the implementation of the eCall standard (e.g., servers, communication systems, databases).</li> <li>the interface planning: Ensuring the interoperability with the existing systems in the control center as well as external systems, such as mobile network operators and emergency services.</li> <li>the planning of the necessary changes or upgrades in the control center's IT architecture, such as network bandwidth and security measures.</li> </ul>	6,000
T1.3	Implementation	ES_AVSRE will subcontract the upgrade of their SW and HW PSAP infrastructure in Valencia, after a careful analysis of the technical requirements to comply with the new eCall regulations.	150,000
T1.3	Implementation	ES_AXEGA will subcontract the upgrade of their SW and HW PSAP infrastructure in Galicia, after a careful analysis of the technical requirements to comply with the new eCall regulations.	95,000

T1.3	Implementation	<p>MD_112 will subcontract the following:</p> <ul style="list-style-type: none"> <li>the screening of the legal framework to identify the needs for harmonization of local legislation with European Union norms and Directives related to the implementation of the eCall NG system</li> <li>the drafting and promoting of the normative acts related to the implementation of the eCall NG system in the Republic of Moldova.</li> </ul>	27,750
T1.3	Implementation	DE_BY-StMI will subcontract the implementation work on the voice and communication systems as well as the network/firewall and other IT systems in the test environments of the Free State of Bavaria and the 25 integrated control centers.	77,500
T1.3	Implementation	DE_TH-NDH will subcontract the technical support and management of the implementation task for the next generation eCall.	15,000
T1.3	Implementation	DE_TH-RDZV will subcontract the technical planning of the implementation task for the next generation eCall.	25,000
T4.2	Political Collaboration and reactivating existing interests groups	DE_OECON will subcontract a study for Political Collaboration and reactivating existing interests groups. See content of the call for tenders “eCall-Collaboration” in the T4.2 description.	125,000
T4.3	Study on the Advancement of eCall in the EU: Promoting Efficiency and Innovation	DE_ITSm will subcontract a study on the advancement of eCall in the EU for promoting efficiency and innovation. See content of the call for tenders “Advancement of eCall” in the T4.3 description.	60,100



HISTORY OF CHANGES		
VERSION	PUBLICATION DATE	CHANGE
1.0	16.10.2024	Initial version









$$^1 e = \text{flat-rate} * (a1 + a2 + a3 + b + c1a + c1b + c1c + c2 + c3 + d1a + d2 + d3 + d4 + d5)$$

$$^2 g = (a1 + a2 + a3) * V\% + b * V\% + (c1a + c1b + c1c + c2 + c3) * V\% + (d1a + d3 + d5) * V\% + d2 * W\% + d4 * X\% + e * V\%$$

# INSTRUCTIONS (DETAILED BUDGET TABLE PER WP)

## **General**

The file is composed of 7 sheets (1- Start, 2 - Work packages, 3 - Participants, 4 - DB table, 5 - DB table\_Summary\_WP, 6 - DB table\_Summary\_Participants, 7 - DB table\_Consistency check).

This table complements the budget information you encode directly in the Funding & Tenders Portal. Make sure that the information provided in the DB table is consistent with the information provided in the Funding & Tenders Portal.

You should submit the DB table as part of your proposal and grant preparation:

- for proposal: the table will be an Annex to your Application Form Part B. Complete and upload the table as an Excel file in the Funding & Tenders Portal Submission System.
- for grant preparation: the table will become part of the Grant Agreement Annex 1 Description of the Action (DoA). Complete and upload the table as an Excel File in the Funding & Tenders Portal Grant Preparation tool.

## **Getting started**

Please complete the sheets in their order (Start - Work packages- Participants- DB table).

**ATTENTION!** White cells mean that you are required to enter data. Grey cells are calculated automatically

### **1- Start sheet**

Use this sheet to insert the generic data (project name and acronym). This information will be automatically copied into the other sheets.

### **2 - Work packages sheet**

Use this sheet to enter the names of work packages and the corresponding funding rates. The information provided here needs to be consistent with the information provided in the Funding & Tenders Portal (Submission System for the application & Grant Preparation Tool for grant preparation).

### **3 - Participants sheet**

Use this sheet to enter the names of the applicants (for the proposal) or beneficiaries (for the grant preparation).

### **4 - Detailed budget table per WP**

Encode the costs per beneficiary, work package and reporting periods:

- For proposal/grant preparation: encode the estimated costs (budget). These amounts should be based on detailed, reasonable and accurate estimates. Keep sufficient documentation to be able to explain them if requested. Please ensure to insert only costs that are eligible under the EU grant agreement (see eligibility article on eligible and ineligible costs of the Model Grant Agreement). All estimated costs must be entered in EUR.

Names of work packages and the participants need to be chosen from the drop down menu. Sub-totals and totals are calculated automatically (only white cells need to be filled in).

## **5 & 6- DB summary sheets (for work packages and participants)**

This sheet summarises the information of the DB table sheet. Do not modify the data here.

## **7 - DB consistency check sheet**

This sheet allows you to perform a quick check on the final data (total costs and EU contribution) that you have encoded in the DB table sheet and in Funding & Tenders Portal (Submission System for the application and Grant Preparation Tool for grant preparation). Please encode the values from the Funding & Tenders Portal. In case a difference is detected, please review your application/grant agreement to align the amounts.

### **Warning**

**Do NOT delete formulas or change the configuration of the file.**

**START (DETAILED BUDGET TABLE PER WP)**

**PROJECT DATA**

<b>Project number:</b>	<b>101175713</b>
<b>Project acronym:</b>	<b>23-EU-TG-eCall NG</b>

<b>Work package name</b>	<b>Funding Rate</b>
WP 1 Study for an upgrade of PSAP for NG eCall	50%
WP 2 eCall for vulnerable road users and autonomous vehicles	50%
WP 3 PSAP data integration	50%
WP 4 Associate Partner Engagement and Collaboration for Advancing eCall in the EU	50%

## **Participant name**

- 01 ITS mobility GmbH
- 02 OECON Products & Services GmbH
- 03 hilyn GmbH
- 04 European Emergency Number Association ASBL
- 05 TECHNOLOGIKO PANEPISTIMIO KYPROU
- 06 Agencia Valenciana de Seguridad y Respuesta a las Emergencias
- 07 Axencia Galega de Emerxencias
- 08 FUNDACION PARA LA PROMOCION DE LA INNOVACION INVESTIGACION Y DESARR
- 09 Jefatura Central de Trafico
- 10 IDIADA Automotive Technology SA
- 11 Foro de Nuevas Tecnologias en el Transporte, ITS España Asociacion
- 12 Agenzia Regionale Emergenza Urgenza
- 13 Corps Grand Ducal d'Incendie et de Secours
- 14 SERVICIUL NATIONAL UNIC PENTRU APELURILE DE URGENTA 112
- 15 Greensoft SRL
- 16 Orange Romania S.A.
- 17 RADCOM S.A.
- 18 Universitatea Romano Americana Asociatie
- 19 SERVICIUL DE TELECOMUNICATII SPECIALE
- 20 TELEKOM ROMANIA MOBILE COMMUNICATIONS SA
- 21 Hessisches Ministerium des Innern und für Sport
- 22 Freie und Hansestadt Hamburg
- 23 Zweckverband für Rettungsdienst und Feuerwehralarmierung Saar
- 24 Bayerisches Staatsministerium des Innern, für Sport und Integration
- 25 STADT FREIBURG
- 26 DRK-RETTUNGSDIENST TUTLTINGEN GEMEINNÜTZIGE GMBH
- 27 Stadt Ulm
- 28 Stadt Bochum
- 29 Stadt Dortmund
- 30 Stadt Herne
- 31 Kreisverwaltung Olpe
- 32 Hansestadt Luebeck
- 33 Landkreis Stendal
- 34 Stadtverwaltung Erfurt
- 35 Stadt Gera
- 36 Landkreis Nordhausen
- 37 Landkreis Schmalkalden-Meiningen
- 38 Rettungsdienstzweckverband Südthüringen

DETAILED BUDGET TABLE PER WP						
PROJECT DATA						
Project number:		101175713				
Project acronym:		23-EU-T6-eCall NG				
BUDGET BREAKDOWN PER WORK PACKAGE AND PARTICIPANT						
Reporting period can be added/deleted as needed						
Work Package	Participant	Reporting period 1	Reporting period 2	Total costs	Funding rate (for work package)	EU contribution
WP 1 Study for an upgrade of PSAP for NG eCall	01 ITS mobility GmbH	244.120,00	172.700,00	416.820,00	50%	208.410,00
WP 1 Study for an upgrade of PSAP for NG eCall	02 OECON Products & Services GmbH	590.000,00	115.000,00	705.000,00	50%	352.500,00
WP 1 Study for an upgrade of PSAP for NG eCall	04 European Emergency Number Association ASBL	82.000,00	27.000,00	109.000,00	50%	54.500,00
WP 1 Study for an upgrade of PSAP for NG eCall	05 TECHNOLOGIKO PANEPISTIMIO KYPROU	35.000,00	15.000,00	50.000,00	50%	25.000,00
WP 1 Study for an upgrade of PSAP for NG eCall	06 Agencia Valenciana de Seguridad y Respuesta a las Emergencias	154.000,00	2.000,00	156.000,00	50%	78.000,00
WP 1 Study for an upgrade of PSAP for NG eCall	07 Axencia Galega de Emerxencias	48.000,00	52.000,00	100.000,00	50%	50.000,00
WP 1 Study for an upgrade of PSAP for NG eCall	08 FUNDACION PARA LA PROMOCION DE LA INNOVACION INVESTIGACION Y DESARROLLO TECNOLÓGICO EN I.A	248.000,00	212.000,00	460.000,00	50%	230.000,00
WP 1 Study for an upgrade of PSAP for NG eCall	09 Jefatura Central de Trafico	39.000,00	21.000,00	60.000,00	50%	30.000,00
WP 1 Study for an upgrade of PSAP for NG eCall	10 DIADIADA Automotive Technology SA	110.250,00	56.750,00	167.000,00	50%	83.500,00
WP 1 Study for an upgrade of PSAP for NG eCall	11 Foro de Nuevas Tecnologías en el Transporte, ITS España Asociación	93.000,00	67.000,00	160.000,00	50%	80.000,00
WP 1 Study for an upgrade of PSAP for NG eCall	12 Agencia Regionale Emergenza Urgenza	336.000,00	282.000,00	618.000,00	50%	309.000,00
WP 1 Study for an upgrade of PSAP for NG eCall	13 Corps Grand Ducal d'Incendie et de Secours	120.454,00	79.546,00	200.000,00	50%	100.000,00
WP 1 Study for an upgrade of PSAP for NG eCall	14 SERVICIUL NATIONAL UNIC PENTRU APELURILE DE URGENTA 112	1.787.300,00	339.700,00	2.127.000,00	50%	1.063.500,00
WP 1 Study for an upgrade of PSAP for NG eCall	15 Greensoft SRL	1.720.800,00	364.800,00	2.085.600,00	50%	1.042.800,00
WP 1 Study for an upgrade of PSAP for NG eCall	16 Orange Romania S.A.	332.500,00	129.700,00	462.200,00	50%	231.100,00
WP 1 Study for an upgrade of PSAP for NG eCall	17 RADCOM S.A.	334.200,00	143.230,00	477.430,00	50%	238.715,00
WP 1 Study for an upgrade of PSAP for NG eCall	18 Universitatea Romano Americana Asociatie	7.500,00	7.500,00	15.000,00	50%	7.500,00
WP 1 Study for an upgrade of PSAP for NG eCall	19 SERVICIUL DE TELECOMUNICATII SPECIALE	1.135.200,00	165.200,00	1.300.400,00	50%	650.200,00
WP 1 Study for an upgrade of PSAP for NG eCall	20 TELEKOM ROMANIA MOBILE COMMUNICATIONS SA	510.000,00	115.000,00	625.000,00	50%	312.500,00
WP 1 Study for an upgrade of PSAP for NG eCall	21 Hessisches Ministerium des Innern und für Sport	2.360.000,00	0,00	2.360.000,00	50%	1.180.000,00
WP 1 Study for an upgrade of PSAP for NG eCall	22 Freie und Hansestadt Hamburg	100.000,00	28.000,00	128.000,00	50%	64.000,00
WP 1 Study for an upgrade of PSAP for NG eCall	23 Zweckverband für Rettungsdienst und Feuerwehralarmerung Saar	129.000,00	0,00	129.000,00	50%	64.500,00
WP 1 Study for an upgrade of PSAP for NG eCall	24 Bayerisches Staatsministerium des Innern, für Sport und Integration	968.750,00	968.750,00	1.937.500,00	50%	968.750,00
WP 1 Study for an upgrade of PSAP for NG eCall	25 STADT FREIBURG	419.000,00	109.500,00	528.500,00	50%	264.250,00
WP 1 Study for an upgrade of PSAP for NG eCall	26 DRK-RETTUNGSDIENST TUTTLINGEN GEMEINNÜTZIGE GMBH	130.000,00	0,00	130.000,00	50%	65.000,00
WP 1 Study for an upgrade of PSAP for NG eCall	27 Stadt Ulm	100.000,00	0,00	100.000,00	50%	50.000,00
WP 1 Study for an upgrade of PSAP for NG eCall	28 Stadt Bochum	150.000,00	0,00	150.000,00	50%	75.000,00
WP 1 Study for an upgrade of PSAP for NG eCall	29 Stadt Dortmund	173.200,00	0,00	173.200,00	50%	86.600,00
WP 1 Study for an upgrade of PSAP for NG eCall	30 Stadt Herne	150.000,00	0,00	150.000,00	50%	75.000,00
WP 1 Study for an upgrade of PSAP for NG eCall	31 Kreisverwaltung Olpe	56.500,00	17.500,00	74.000,00	50%	37.000,00
WP 1 Study for an upgrade of PSAP for NG eCall	32 Hansestadt Luebeck	30.000,00	0,00	30.000,00	50%	15.000,00
WP 1 Study for an upgrade of PSAP for NG eCall	33 Landkreis Stendal	32.000,00	0,00	32.000,00	50%	16.000,00
WP 1 Study for an upgrade of PSAP for NG eCall	34 Stadtverwaltung Erfurt	126.000,00	6.000,00	132.000,00	50%	66.000,00
WP 1 Study for an upgrade of PSAP for NG eCall	35 Stadt Gera	51.000,00	0,00	51.000,00	50%	25.500,00
WP 1 Study for an upgrade of PSAP for NG eCall	36 Landkreis Nordhausen	125.000,00	6.000,00	131.000,00	50%	65.500,00
WP 1 Study for an upgrade of PSAP for NG eCall	37 Landkreis Schmalkalden-Meiningen	150.000,00	0,00	150.000,00	50%	75.000,00
WP 1 Study for an upgrade of PSAP for NG eCall	38 Rettungsdienstzweckverband Südthüringen	150.000,00	0,00	150.000,00	50%	75.000,00
WP 2 eCall for vulnerable road users and autonomous vehicles	02 OECON Products & Services GmbH	50.000,00	50.000,00	100.000,00	50%	50.000,00
WP 2 eCall for vulnerable road users and autonomous vehicles	03 hilynx GmbH	249.940,00	126.220,00	376.160,00	50%	188.080,00
WP 2 eCall for vulnerable road users and autonomous vehicles	04 European Emergency Number Association ASBL	48.000,00	24.000,00	72.000,00	50%	36.000,00
WP 2 eCall for vulnerable road users and autonomous vehicles	05 TECHNOLOGIKO PANEPISTIMIO KYPROU	31.000,00	29.500,00	60.500,00	50%	30.250,00
WP 2 eCall for vulnerable road users and autonomous vehicles	08 FUNDACION PARA LA PROMOCION DE LA INNOVACION INVESTIGACION Y DESARROLLO TECNOLÓGICO EN I.A	205.000,00	185.000,00	390.000,00	50%	195.000,00
WP 2 eCall for vulnerable road users and autonomous vehicles	10 DIADIADA Automotive Technology SA	99.000,00	59.400,00	158.400,00	50%	79.200,00
WP 2 eCall for vulnerable road users and autonomous vehicles	15 Greensoft SRL	25.680,00	38.040,00	63.720,00	50%	31.860,00
WP 2 eCall for vulnerable road users and autonomous vehicles	16 Orange Romania S.A.	12.600,00	6.300,00	18.900,00	50%	9.450,00
WP 2 eCall for vulnerable road users and autonomous vehicles	17 RADCOM S.A.	22.926,00	9.826,00	32.752,00	50%	16.376,00
WP 2 eCall for vulnerable road users and autonomous vehicles	18 Universitatea Romano Americana Asociatie	55.000,00	30.000,00	85.000,00	50%	42.500,00
WP 2 eCall for vulnerable road users and autonomous vehicles	19 SERVICIUL DE TELECOMUNICATII SPECIALE	19.600,00	32.000,00	51.600,00	50%	25.800,00
WP 3 PSAP data integration	02 OECON Products & Services GmbH	50.000,00	20.000,00	70.000,00	50%	35.000,00
WP 3 PSAP data integration	04 European Emergency Number Association ASBL	75.000,00	30.000,00	105.000,00	50%	52.500,00
WP 3 PSAP data integration	05 TECHNOLOGIKO PANEPISTIMIO KYPROU	64.250,00	45.500,00	109.750,00	50%	54.875,00
WP 3 PSAP data integration	10 DIADIADA Automotive Technology SA	62.688,00	42.912,00	105.600,00	50%	52.800,00
WP 3 PSAP data integration	12 Agencia Regionale Emergenza Urgenza	15.000,00	5.000,00	20.000,00	50%	10.000,00
WP 3 PSAP data integration	15 Greensoft SRL	52.320,00	50.640,00	102.960,00	50%	51.480,00
WP 3 PSAP data integration	16 Orange Romania S.A.	37.800,00	0,00	37.800,00	50%	18.900,00
WP 3 PSAP data integration	17 RADCOM S.A.	18.990,00	8.140,00	27.130,00	50%	13.565,00
WP 3 PSAP data integration	19 SERVICIUL DE TELECOMUNICATII SPECIALE	8.400,00	14.400,00	22.800,00	50%	11.400,00
WP 4 Associate Partner Engagement and Collaboration for Advancing eCall in the EU	01 ITS mobility GmbH	93.800,00	61.400,00	155.200,00	50%	77.600,00
WP 4 Associate Partner Engagement and Collaboration for Advancing eCall in the EU	02 OECON Products & Services GmbH	80.000,00	60.000,00	140.000,00	50%	70.000,00
WP 4 Associate Partner Engagement and Collaboration for Advancing eCall in the EU	04 European Emergency Number Association ASBL	54.000,00	0,00	54.000,00	50%	27.000,00
<b>Total</b>		<b>14.758.768,00</b>	<b>4.431.154,00</b>	<b>19.189.922,00</b>		<b>9.594.961,00</b>

**Summary per work package**

Row Labels	Reporting period_1	FP RP_1	Reporting period_2	FP RP_2	Sum of Total costs	Sum of EU contribution
WP 1 Study for an upgrade of PSAP for NG eCall	13.327.774	79%	3.502.876	21%	16.830.650	8.415.325
WP 2 eCall for vulnerable road users and autonomous vehicles	818.746	58%	590.286	42%	1.409.032	704.516
WP 3 PSAP data integration	384.448	64%	216.592	36%	601.040	300.520
WP 4 Associate Partner Engagement and Collaboration for Advancing eCall in the EU	227.800	65%	121.400	35%	349.200	174.600
<b>Grand Total</b>	<b>14.758.768</b>	<b>77%</b>	<b>4.431.154</b>	<b>23%</b>	<b>19.189.922</b>	<b>9.594.961</b>



**Summary per Participant**

Row Labels	Reporting period_1	Reporting period_2	Sum of Total costs	Sum of EU contribution
01 ITS mobility GmbH	337.920	234.100	572.020	286.010
02 OECON Products & Services GmbH	770.000	245.000	1.015.000	507.500
04 European Emergency Number Association ASBL	259.000	81.000	340.000	170.000
03 hilynx GmbH	249.940	126.220	376.160	188.080
06 Agencia Valenciana de Seguridad y Respuesta a las Emergencias	154.000	2.000	156.000	78.000
09 Jefatura Central de Trafico	39.000	21.000	60.000	30.000
10 IDIADA Automotive Technology SA	271.938	159.062	431.000	215.500
11 Foro de Nuevas Tecnologias en el Transporte, ITS España Asociacion	93.000	67.000	160.000	80.000
12 Agenzia Regionale Emergenza Urgenza	351.000	287.000	638.000	319.000
13 Corps Grand Ducal d'Incendie et de Secours	120.454	79.546	200.000	100.000
15 Greensoft SRL	1.798.800	453.480	2.252.280	1.126.140
16 Orange Romania S.A.	382.900	136.000	518.900	259.450
17 RADCOM S.A.	376.116	161.196	537.312	268.656
18 Universitatea Romano Americana Asociatie	62.500	37.500	100.000	50.000
21 Hessisches Ministerium des Innern und für Sport	2.360.000	-	2.360.000	1.180.000
22 Freie und Hansestadt Hamburg	100.000	28.000	128.000	64.000
23 Zweckverband für Rettungsdienst und Feuerwehralarmierung Saar	129.000	-	129.000	64.500
24 Bayerisches Staatsministerium des Innern, für Sport und Integration	968.750	968.750	1.937.500	968.750
27 Stadt Ulm	100.000	-	100.000	50.000
29 Stadt Dortmund	173.200	-	173.200	86.600
31 Kreisverwaltung Olpe	56.500	17.500	74.000	37.000
33 Landkreis Stendal	32.000	-	32.000	16.000
38 Rettungsdienstzweckverband Südthüringen	150.000	-	150.000	75.000
05 TECHNOLOGIKO PANEPISTIMIO KYPROU	130.250	90.000	220.250	110.125
07 Axencia Galega de Emerxencias	48.000	52.000	100.000	50.000
08 FUNDACION PARA LA PROMOCION DE LA INNOVACION INVESTIGACION Y DESARROLLO TECNOLOGICO EN LA INDUSTRIA DE AUTOMOCION DE GALICIA	453.000	397.000	850.000	425.000
14 SERVICIUL NATIONAL UNIC PENTRU APELURILE DE URGENTA 112	1.787.300	339.700	2.127.000	1.063.500
19 SERVICIUL DE TELECOMUNICATII SPECIALE	1.163.200	211.600	1.374.800	687.400
20 TELEKOM ROMANIA MOBILE COMMUNICATIONS SA	510.000	115.000	625.000	312.500
25 STADT FREIBURG	419.000	109.500	528.500	264.250
26 DRK-RETTUNGSDIENST TUTTLINGEN GEMEINNÜTZIGE GMBH	130.000	-	130.000	65.000
28 Stadt Bochum	150.000	-	150.000	75.000
30 Stadt Herne	150.000	-	150.000	75.000
32 Hansestadt Luebeck	30.000	-	30.000	15.000
34 Stadtverwaltung Erfurt	126.000	6.000	132.000	66.000
35 Stadt Gera	51.000	-	51.000	25.500
36 Landkreis Nordhausen	125.000	6.000	131.000	65.500
37 Landkreis Schmalkalden-Meiningen	150.000	-	150.000	75.000
<b>Grand Total</b>	<b>14.758.768</b>	<b>4.431.154</b>	<b>19.189.922</b>	<b>9.594.961</b>

#	EU CONTRIBUTION	TOTAL COSTS
ENCODE VALUE FROM EGRANTS	9594961	19189922
DIFFERENCE	0	0

## ESTIMATED BUDGET FOR THE ACTION

Estimated eligible <sup>1</sup> costs (per budget category)																	Estimated EU contribution <sup>2</sup>			
Direct costs															Indirect costs	Total costs	EU contribution to eligible costs			Maximum grant amount <sup>6</sup>
A. Personnel costs		B. Subcontracting costs	C. Purchase costs					D. Other cost categories					E. Indirect costs <sup>3</sup>	Funding rate % <sup>4</sup>	Maximum EU contribution <sup>5</sup>		Requested EU contribution			
Forms of funding	Actual costs	Unit costs (usual accounting practices)	Unit costs <sup>7</sup>	Actual costs	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	f = a+b+c+d	V, W, X	g <sup>10</sup>	h	m
					Travel	Accommodation	Subsistence													
	a1	a2	a3	b	c1a	c1b	c1c	c2	c3	d1a	d2	d3	d4	d5	e <sup>9</sup>					
1 - DE_ITSm	409 620.00	0.00	0.00	60 100.00	13 500.00	0.00	0.00	0.00	88 800.00	0.00	0.00	0.00	0.00	0.00	0.00	572 020.00	50, 50, 70	286 010.00	286 010.00	286 010.00
2 - DE_OECON	820 000.00	0.00	0.00	125 000.00	50 000.00	0.00	0.00	0.00	20 000.00	0.00	0.00	0.00	0.00	0.00	0.00	1 015 000.00	50, 50, 70	507 500.00	507 500.00	507 500.00
3 - DE_hilyn	356 160.00	0.00	0.00	0.00	20 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	376 160.00	50, 50, 70	188 080.00	188 080.00	188 080.00
4 - BE_EENA	330 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10 000.00	0.00	0.00	0.00	0.00	0.00	0.00	340 000.00	50, 50, 70	170 000.00	170 000.00	170 000.00
5 - CY_CUT	189 250.00	0.00	0.00	0.00	31 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	220 250.00	50, 50, 70	110 125.00	110 125.00	110 125.00
6 - ES_AVSRE	3 000.00	0.00	0.00	150 000.00	3 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	156 000.00	50, 50, 70	78 000.00	78 000.00	78 000.00
7 - ES_AXEGA	3 000.00	0.00	0.00	95 000.00	2 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100 000.00	50, 50, 70	50 000.00	50 000.00	50 000.00
8 - ES_CTAG	695 000.00	0.00	0.00	0.00	15 000.00	0.00	0.00	0.00	140 000.00	0.00	0.00	0.00	0.00	0.00	0.00	850 000.00	50, 50, 70	425 000.00	425 000.00	425 000.00
9 - ES_DGT	55 000.00	0.00	0.00	0.00	5 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60 000.00	50, 50, 70	30 000.00	30 000.00	30 000.00
10 - ES_IDIADA	360 000.00	0.00	0.00	0.00	15 000.00	0.00	0.00	50 000.00	6 000.00	0.00	0.00	0.00	0.00	0.00	0.00	431 000.00	50, 50, 70	215 500.00	215 500.00	215 500.00
11 - ES_ITS	130 000.00	0.00	0.00	0.00	5 000.00	0.00	0.00	0.00	25 000.00	0.00	0.00	0.00	0.00	0.00	0.00	160 000.00	50, 50, 70	80 000.00	80 000.00	80 000.00
12 - IT_AREU	220 000.00	0.00	0.00	0.00	18 000.00	0.00	0.00	0.00	400 000.00	0.00	0.00	0.00	0.00	0.00	0.00	638 000.00	50, 50, 70	319 000.00	319 000.00	319 000.00
13 - LU_CGDIS	50 000.00	0.00	0.00	0.00	0.00	0.00	0.00	100 000.00	50 000.00	0.00	0.00	0.00	0.00	0.00	0.00	200 000.00	50, 50, 70	100 000.00	100 000.00	100 000.00
14 - MD_I12	90 800.00	0.00	0.00	27 750.00	98 450.00	0.00	0.00	341 650.00	1 568 350.00	0.00	0.00	0.00	0.00	0.00	0.00	2 127 000.00	50, 50, 70	1 063 500.00	1 063 500.00	1 063 500.00
15 - RO_GS	2 223 480.00	0.00	0.00	0.00	28 800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2 252 280.00	50, 50, 70	1 126 140.00	1 126 140.00	1 126 140.00
16 - RO_ORO	396 900.00	0.00	0.00	0.00	18 000.00	0.00	0.00	100 000.00	4 000.00	0.00	0.00	0.00	0.00	0.00	0.00	518 900.00	50, 50, 70	259 450.00	259 450.00	259 450.00
17 - RO_RADCOM	537 312.00	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	537 312.00	50, 50, 70	268 656.00	268 656.00	268 656.00
18 - RO_RAU	85 000.00	0.00	0.00	0.00	10 000.00	0.00	0.00	0.00	5 000.00	0.00	0.00	0.00	0.00	0.00	0.00	100 000.00	50, 50, 70	50 000.00	50 000.00	50 000.00
19 - RO_STS	749 600.00	0.00	0.00	0.00	25 200.00	0.00	0.00	300 000.00	300 000.00	0.00	0.00	0.00	0.00	0.00	0.00	1 374 800.00	50, 50, 70	687 400.00	687 400.00	687 400.00
20 - RO_TRM	265 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	360 000.00	0.00	0.00	0.00	0.00	0.00	0.00	625 000.00	50, 50, 70	312 500.00	312 500.00	312 500.00
21 - DE_HMdis	600 000.00	0.00	0.00	0.00	0.00	0.00	0.00	1 350 000.00	410 000.00	0.00	0.00	0.00	0.00	0.00	0.00	2 360 000.00	50, 50, 70	1 180 000.00	1 180 000.00	1 180 000.00
22 - DE_FHH	45 000.00	0.00	0.00	0.00	0.00	0.00	0.00	57 000.00	26 000.00	0.00	0.00	0.00	0.00	0.00	0.00	128 000.00	50, 50, 70	64 000.00	64 000.00	64 000.00
23 - DE_ZRF-Saar	19 000.00	0.00	0.00	0.00	0.00	0.00	0.00	110 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	129 000.00	50, 50, 70	64 500.00	64 500.00	64 500.00
24 - DE_BY-StMI	77 500.00	0.00	0.00	77 500.00	15 500.00	0.00	0.00	310 000.00	1 457 000.00	0.00	0.00	0.00	0.00	0.00	0.00	1 937 500.00	50, 50, 70	968 750.00	968 750.00	968 750.00
25 - DE_BW-FR	125 000.00	0.00	0.00	0.00	15 000.00	0.00	0.00	375 000.00	13 500.00	0.00	0.00	0.00	0.00	0.00	0.00	528 500.00	50, 50, 70	264 250.00	264 250.00	264 250.00
26 - DE_BW-TUT	10 000.00	0.00	0.00	0.00	10 000.00	0.00	0.00	80 000.00	30 000.00	0.00	0.00	0.00	0.00	0.00	0.00	130 000.00	50, 50, 70	65 000.00	65 000.00	65 000.00
27 - DE_BW-UL	10 000.00	0.00	0.00	0.00	10 000.00	0.00	0.00	65 000.00	15 000.00	0.00	0.00	0.00	0.00	0.00	0.00	100 000.00	50, 50, 70	50 000.00	50 000.00	50 000.00
28 - DE_NW-BO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75 000.00	75 000.00	0.00	0.00	0.00	0.00	0.00	0.00	150 000.00	50, 50, 70	75 000.00	75 000.00	75 000.00
29 - DE_NW-DO	8 200.00	0.00	0.00	0.00	0.00	0.00	0.00	82 500.00	82 500.00	0.00	0.00	0.00	0.00	0.00	0.00	173 200.00	50, 50, 70	86 600.00	86 600.00	86 600.00

Estimated eligible <sup>1</sup> costs (per budget category)																	Estimated EU contribution <sup>2</sup>			
Direct costs															Indirect costs	Total costs	EU contribution to eligible costs			Maximum grant amount <sup>6</sup>
A. Personnel costs		B. Subcontracting costs	C. Purchase costs			D. Other cost categories					E. Indirect costs <sup>3</sup>	Funding rate % <sup>4</sup>	Maximum EU contribution <sup>5</sup>	Requested EU contribution						
Forms of funding	Actual costs	Unit costs (usual accounting practices)	Unit costs <sup>7</sup>	Actual costs	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	f = a+b+c+d	V, W, X	g <sup>10</sup>	h	m
					Travel	Accommodation	Subsistence													
	a1	a2	a3	b	c1a	c1b	c1c	c2	c3	d1a	d2	d3	d4	d5	e <sup>9</sup>					
30 - DE_NW-HER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75 000.00	75 000.00	0.00	0.00	0.00	0.00	0.00	0.00	150 000.00	50, 50, 70	75 000.00	75 000.00	75 000.00
31 - DE_NW-OE	24 000.00	0.00	0.00	0.00	6 000.00	0.00	0.00	18 000.00	26 000.00	0.00	0.00	0.00	0.00	0.00	0.00	74 000.00	50, 50, 70	37 000.00	37 000.00	37 000.00
32 - DE_SH-HL	10 000.00	0.00	0.00	0.00	0.00	0.00	0.00	10 000.00	10 000.00	0.00	0.00	0.00	0.00	0.00	0.00	30 000.00	50, 50, 70	15 000.00	15 000.00	15 000.00
33 - DE_ST-SDL	0.00	0.00	0.00	0.00	2 000.00	0.00	0.00	6 000.00	24 000.00	0.00	0.00	0.00	0.00	0.00	0.00	32 000.00	50, 50, 70	16 000.00	16 000.00	16 000.00
34 - DE_TH-EF	15 000.00	0.00	0.00	6 000.00	1 000.00	0.00	0.00	4 000.00	106 000.00	0.00	0.00	0.00	0.00	0.00	0.00	132 000.00	50, 50, 70	66 000.00	66 000.00	66 000.00
35 - DE_TH-G	2 500.00	0.00	0.00	0.00	0.00	0.00	0.00	2 000.00	46 500.00	0.00	0.00	0.00	0.00	0.00	0.00	51 000.00	50, 50, 70	25 500.00	25 500.00	25 500.00
36 - DE_TH-NDH	16 500.00	0.00	0.00	15 000.00	1 000.00	0.00	0.00	3 500.00	95 000.00	0.00	0.00	0.00	0.00	0.00	0.00	131 000.00	50, 50, 70	65 500.00	65 500.00	65 500.00
37 - DE_TH-SM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75 000.00	75 000.00	0.00	0.00	0.00	0.00	0.00	0.00	150 000.00	50, 50, 70	75 000.00	75 000.00	75 000.00
38 - DE_TH-RDZV	18 000.00	0.00	0.00	25 000.00	2 000.00	0.00	0.00	5 000.00	100 000.00	0.00	0.00	0.00	0.00	0.00	0.00	150 000.00	50, 50, 70	75 000.00	75 000.00	75 000.00
39 - CZ_SDT																				
40 - DE_CAT																				
41 - FL_ERCA																				
42 - RO_ANCOM																				
43 - RO_RCS-RDS																				
44 - RO_VF																				
45 - UK_VESOS																				
<b>Σ consortium</b>	8 949 822.00	0.00	0.00	581 350.00	420 450.00	0.00	0.00	3 594 650.00	5 643 650.00	0.00	0.00	0.00	0.00	0.00	0.00	19 189 922.00		9 594 961.00	9 594 961.00	9 594 961.00

<sup>1</sup> See Article 6 for the eligibility conditions. All amounts must be expressed in EUR (see Article 21 for the conversion rules).

<sup>2</sup> The consortium remains free to decide on a different internal distribution of the EU funding (via the consortium agreement; see Article 7).

<sup>3</sup> 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.

<sup>4</sup> See Data Sheet for the funding rate(s).

<sup>5</sup> 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'.

<sup>6</sup> The 'maximum grant amount' is the maximum grant amount decided by the EU. It normally corresponds to the requested grant, but may be lower.

<sup>7</sup> See Annex 2a 'Additional information on the estimated budget' for the details (units, cost per unit).

<sup>8</sup> See Data Sheet for the flat-rate.

<sup>9</sup> e = flat-rate \* (a1 + a2 + a3 + b + c1a + c1b + c1c + c2 + c3 + d1a + d2 + d3 + d4 + d5)

<sup>10</sup> 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**

**OECON PRODUCTS & SERVICES GMBH (DE\_OECON)**, PIC 984258322, established in HERMANN BLENK STRASSE 22, BRAUNSCHWEIG 38108, Germany,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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**

**hilyn GmbH (DE\_hilyn)**, PIC 880235813, established in Hermann-Blenk-Strasse 22 a, Braunschweig 38108, Germany,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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.

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SIGNATURE

For the beneficiary

**ANNEX 3**

**ACCESSION FORM FOR BENEFICIARIES**

**EUROPEAN EMERGENCY NUMBER ASSOCIATION ASBL (BE\_EENA)**, PIC 997490577,  
established in AVENUE DE LA TOISON D'OR 79, BRUXELLES 1060, Belgium,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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**

**TECHNOLOGIKO PANEPISTIMIO KYPROU (CY\_CUT)**, PIC 999597223, established in ARCHBISHOP KYPRIANOS 31 SAVINGS COOPERATIVE BANK BUILDING 3RD FLOOR, LEMESOS 3036, Cyprus,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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**

**AGENCIA VALENCIANA DE SEGURIDAD Y RESPUESTA A LAS EMERGENCIAS (ES\_AVSRE)**, PIC 906266733, established in C/DE LA DEMOCRACIA 77 CIUDAD ADVA 9 DE OCTUBRE TORRE 4, VALENCIA 46118, Spain,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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**

**AXENCIA GALEGA DE EMERXENCIAS (ES\_AXEGA)**, PIC 997320051, established in CALLE RAIXERA 52, SANTIAGO DE COMPOSTELA A CORUNA 15707, Spain,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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**

**FUNDACION PARA LA PROMOCION DE LA INNOVACION INVESTIGACION Y DESARROLLO TECNOLOGICO EN LA INDUSTRIA DE AUTOMOCION DE GALICIA (ES\_CTAG)**, PIC 999603819, established in POLIGONO INDUSTRIAL A GRANXA CALLE A PARCELAS 249-250, PORRINO PONTEVEDRA 36400, Spain,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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**

**JEFATURA CENTRAL DE TRAFICO (ES\_DGT)**, PIC 962730433, established in CALLE JOSEFA VALCARCEL 28, MADRID 28027, Spain,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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**

**IDIADA AUTOMOTIVE TECHNOLOGY SA (ES\_IDIADA)**, PIC 999788313, established in L ALBORNAR, SANTA OLIVA 43710, Spain,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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**

**FORO DE NUEVAS TECNOLOGIAS EN EL TRANSPORTE, ITS ESPANA ASOCIACION (ES\_ITS)**, PIC 985150431, established in CALLE GOYA 23 3 DERECHA, MADRID 28001, Spain,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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**

**AGENZIA REGIONALE EMERGENZA URGENZA (IT\_AREU)**, PIC 891341925, established in VIALE MONZA 223, MILANO 20125, Italy,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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**

**CORPS GRAND DUCAL D INCENDIE ET DE SECOURS (LU\_CGDIS)**, PIC 911648875,  
established in 3 BOULEVARD DE KOCKELSCHEUER, LUXEMBOURG 1821, Luxembourg,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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**

**SERVICIUL NATIONAL UNIC PENTRU APELURILE DE URGENTA 112 (MD\_112)**, PIC 876582211, established in Com Bacioi, Dacia avenue 58/C, Chisinau MD-6812, Moldova,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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**

**GREENSOFT SRL (RO\_GS)**, PIC 918709602, established in STR. HAN TATAR NR. 4 BLOC 360A ETAJ 1 AP.3, IASI 700349, Romania,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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**

**ORANGE ROMANIA SA (RO\_ORO)**, PIC 954892445, established in BULEVARDUL LASCAR CATARGIU 51-53 SECTOR 1, BUCURESTI 010665, Romania,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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**

**RADCOM SA (RO\_RADCOM)**, PIC 937925108, established in 2C GEORGE CONSTANTINESCU STRADA ETAJ 5 6, BUCURESTI 020339, Romania,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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**

**UNIVERSITATEA ROMANO AMERICANA ASOCIATIE (RO\_RAU)**, PIC 984930435,  
established in BULEVARDUL EXPOZITIEI 1B SECTOR 1, BUCURESTI 012101, Romania,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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**

**SERVICIUL DE TELECOMUNICATII SPECIALE (RO\_STS)**, PIC 936947348, established in SPLAIUL INDEPENDENTEI 323 A SECTOR 6, BUCURESTI 060044, Romania,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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.

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SIGNATURE

For the beneficiary

**ANNEX 3**

**ACCESSION FORM FOR BENEFICIARIES**

**TELEKOM ROMANIA MOBILE COMMUNICATIONS SA (RO\_TRM)**, PIC 933474554, established in BLD. EXPOZITIEI 1C CLADIREA B1 ETAJELE 1 2 SI 3 SECTOR 1, BUCURESTI 012101, Romania,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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**

**HESSISCHES MINISTERIUM DES INNERN UND FÜR SPORT (DE\_HMdis)**, PIC 951698041, established in FRIEDRICH-EBERT-ALLEE 12, WIESBADEN 65185, Germany,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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**

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SIGNATURE

For the beneficiary

**ANNEX 3**

**ACCESSION FORM FOR BENEFICIARIES**

**FREIE UND HANSESTADT HAMBURG (DE\_FHH)**, PIC 998928602, established in RATHAUSMARKT 1, HAMBURG 20095, Germany,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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'),

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SIGNATURE

For the beneficiary

**ANNEX 3**

**ACCESSION FORM FOR BENEFICIARIES**

**ZWECKVERBAND FUR RETTUNGSDIENST UND FEUERWEHRALARMIERUNG SAAR (DE\_ZRF-Saar)**, PIC 879303158, established in SAARPFALZ-PARK 9, BEXBACH 66450, Germany,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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'),

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SIGNATURE

For the beneficiary

**ANNEX 3**

**ACCESSION FORM FOR BENEFICIARIES**

**BAYERISCHES STAATSMINISTERIUM DES INNERN, FÜR SPORT UND INTEGRATION (DE\_BY-StMI)**, PIC 999637769, established in ODEONSPLATZ 3, MUENCHEN 80539, Germany,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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'),

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SIGNATURE

For the beneficiary

**ANNEX 3**

**ACCESSION FORM FOR BENEFICIARIES**

**STADT FREIBURG (DE\_BW-FR)**, PIC 956794421, established in RATHAUSPLATZ 2-4, FREIBURG 79098, Germany,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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'),

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SIGNATURE

For the beneficiary

**ANNEX 3**

**ACCESSION FORM FOR BENEFICIARIES**

**DRK-RETTUNGSDIENST TUTTLINGEN GEMEINNÜTZIGE GMBH (DE\_BW-TUT)**, PIC 879653619, established in ECKENERSTRASSE 1, TUTTLINGEN 78532, Germany,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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'),

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SIGNATURE

For the beneficiary

**ANNEX 3**

**ACCESSION FORM FOR BENEFICIARIES**

**STADT ULM (DE\_BW-UL)**, PIC 941175578, established in MARKPLATZ 1, ULM 89073, Germany,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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'),

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SIGNATURE

For the beneficiary

**ANNEX 3**

**ACCESSION FORM FOR BENEFICIARIES**

**STADT BOCHUM (DE\_NW-BO)**, PIC 946910024, established in WILLY BRANDT PLATZ 2-6, BOCHUM 44787, Germany,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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'),

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SIGNATURE

For the beneficiary



**ANNEX 3**

**ACCESSION FORM FOR BENEFICIARIES**

**STADT DORTMUND (DE\_NW-DO)**, PIC 997899141, established in FRIEDENSPLATZ 1, DORTMUND 44122, Germany,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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'),

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SIGNATURE

For the beneficiary

**ANNEX 3**

**ACCESSION FORM FOR BENEFICIARIES**

**STADT HERNE (DE\_NW-HER)**, PIC 886122646, established in FRIEDRICH-EBERT-PLATZ 2, HERNE 44629, Germany,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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'),

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SIGNATURE

For the beneficiary

**ANNEX 3**

**ACCESSION FORM FOR BENEFICIARIES**

**Kreisverwaltung Olpe (DE\_NW-OE)**, PIC 879476788, established in Westfälische Straße 75, Olpe 57462, Germany,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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'),

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SIGNATURE

For the beneficiary

**ANNEX 3**

**ACCESSION FORM FOR BENEFICIARIES**

**HANSESTADT LUEBECK (DE\_SH-HL)**, PIC 948393639, established in Schildstrasse 12, Luebeck 23539, Germany,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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'),

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SIGNATURE

For the beneficiary

**ANNEX 3**

**ACCESSION FORM FOR BENEFICIARIES**

**LANDKREIS STENDAL (DE\_ST-SDL)**, PIC 879452441, established in HOSPITALSTRASSE 1-2, STENDAL 39576, Germany,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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'),

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SIGNATURE

For the beneficiary

**ANNEX 3**

**ACCESSION FORM FOR BENEFICIARIES**

**STADTVERWALTUNG ERFURT (DE\_TH-EF)**, PIC 879390264, established in FISCHMARKT 1, ERFURT 99084, Germany,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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'),

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SIGNATURE

For the beneficiary

**ANNEX 3**

**ACCESSION FORM FOR BENEFICIARIES**

**Stadt Gera (DE\_TH-G)**, PIC 939965406, established in Kornmarkt 12, Gera 07545, Germany,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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'),

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SIGNATURE

For the beneficiary

**ANNEX 3**

**ACCESSION FORM FOR BENEFICIARIES**

**Landkreis Nordhausen (DE\_TH-NDH)**, PIC 915376391, established in Grimmelallee 23, Nordhausen 99734, Germany,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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'),

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SIGNATURE

For the beneficiary



**ANNEX 3**

**ACCESSION FORM FOR BENEFICIARIES**

**Landkreis Schmalkalden-Meiningen (DE\_TH-SM)**, PIC 905006703, established in Obertshäuser Platz 1, Meiningen 98617, Germany,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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'),

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SIGNATURE

For the beneficiary

**ANNEX 3**

**ACCESSION FORM FOR BENEFICIARIES**

**RETTUNGSDIENSTZWECKVER-BANDES SUDTHURINGEN (DE\_TH-RDZV)**, PIC 879142429, established in RENNSTEIGSTRASSE 10, ZELLA-MEHLIS 98544, Germany,

**hereby agrees**

**to become beneficiary**

**in Agreement No 101175713 — 23-EU-TG-eCall NG** ('the Agreement')

**between ITS MOBILITY GMBH (DE\_ITSm) 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'),

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SIGNATURE

For the beneficiary

ANNEX 4 CEF MGA — MULTI + MONO

FINANCIAL STATEMENT FOR [PARTICIPANT NAME] FOR REPORTING PERIOD [NUMBER]

Eligible <sup>1</sup> costs (per budget category)															EU contribution <sup>2</sup>				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 <sup>2</sup>	Funding rate % <sup>3</sup>	Maximum EU contribution <sup>4</sup>	Requested EU contribution											
Forms of funding	Actual costs	Unit costs (usual accounting practices)	Unit costs <sup>5</sup>	Actual costs	C.1 Travel and subsistence			Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Flat-rate costs <sup>6</sup>	e = flat-rate * (a1 + a2 + a3 + b + c1a + c1b + c1c + c2 + c3 + d1a + 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		
					Travel	Accommodation	Subsistence																[Actual costs]	[Actual costs]
A.1 Employees (or equivalent)		A.4 SME owners and natural person beneficiaries	A.3 Seconded persons	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	Flat-rate costs <sup>6</sup>	e = flat-rate * (a1 + a2 + a3 + b + c1a + c1b + c1c + c2 + c3 + d1a + 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	
A.2 Natural persons under direct contract					C.1 Travel and subsistence																			
A.3 Seconded persons					Travel	Accommodation	Subsistence																	
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).

<sup>1</sup> 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.

<sup>2</sup> See Article 6 for the eligibility conditions. All amounts must be expressed in EUR (see Article 21 for the conversion rules).

<sup>3</sup> 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.

<sup>4</sup> See Data Sheet for the reimbursement rate(s).

<sup>5</sup> 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.

<sup>6</sup> See Annex 2a 'Additional information on the estimated budget' for the details (units, cost per unit).

<sup>7</sup> 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 2015/444<sup>1</sup> 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)**

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<sup>1</sup> 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 409/2013<sup>2</sup>, 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.

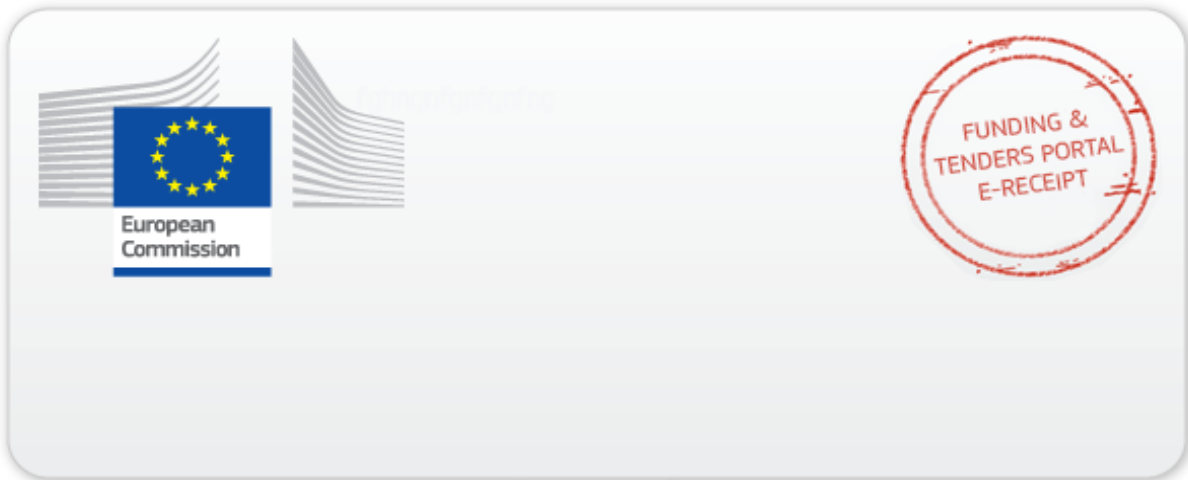
### **Specific rules for blending operations**

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.

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<sup>2</sup> 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).



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