

Agreement number: INEA/CEF/TRAN/A2014/1031743

CEF general model agreement: 31 July 2014



**Innovation and Networks Executive Agency**

**Department C - Connecting Europe Facility (CEF)**

**GRANT AGREEMENT  
UNDER THE CONNECTING EUROPE FACILITY (CEF) - TRANSPORT SECTOR**

**AGREEMENT No INEA/CEF/TRAN/A2014/1031743**

The **Innovation and Networks Executive Agency (INEA)** ("the Agency"), under the powers delegated by the European Commission ("the Commission"), represented for the purposes of signature of this Agreement by the Director of the Agency, Dirk Beckers,

on the one part,

and

**1. Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)**  
Friedrichswall 1  
30159 Hannover  
Germany

hereinafter referred to as "the coordinator", represented for the purposes of signature of this Agreement by , Michael Schäfer

and the following other beneficiaries:

- 2. EUROPEAN ROAD TRANSPORT TELEMATICS IMPLEMENTATION COORDINATION ORGANISATION - INTELLIGENT TRANSPORT SYSTEMS & SERVICES EUROPE (ERTICO)** - established in Belgium
- 3. MAGNETI MARELLI S.P.A. (MM)** - established in Italy
- 4. Automobile Club d'Italia (ACI)** - established in Italy
- 5. Autostrada del Brennero S.p.A. (AutBren)** - established in Italy
- 6. Beta 80 S.p.A. (Beta)** - established in Italy
- 7. Università degli Studi di Trento (UNITN)** - established in Italy
- 8. PIAGGIO & C. SPA (Piaggio)** - established in Italy
- 9. Telecom Italia S.p.A. (TI)** - established in Italy
- 10. Azienda Regionale Emergenza Urgenza (AREU)** - established in Italy
- 11. Provincia Autonoma di Trento - Centrale Unica Emergenza (CUE)** - established in Italy
- 12. Department of Communications, Energy and Natural Resources (IE)** - established in Ireland
- 13. Satellite Applications Catapult (CAT)** - established in United Kingdom

*Ms. Wanda is  
initialising this version  
on behalf of me* *17. Wa*

14. Intelligence for Environment & Security - IES Solutions s.r.l. (IES) - established in Italy
15. IRU Projects ASBL (IRU) - established in Belgium
16. Administration des Services de Secours (LU) - established in Luxembourg
17. KTM AG (KTM) - established in Austria
18. Cyprus University of Technology (CUT) - established in Cyprus
19. Department of Electrical and Mechanical Services (CY) - established in Cyprus
20. Iskratel, d.o.o., Kranj (ISKR) - established in Slovenia
21. Yamaha Motor Europe N.V. (YAM) - established in Netherlands
22. Telekom Slovenije, d.d. (TS) - established in Slovenia
23. Ministry of Defence, Administration of the RS for Civil Protection and Disaster Relief (SI) - established in Slovenia
24. Politecnico di Milano (POLIMI) - established in Italy
25. Università degli studi di Modena e Reggio Emilia (UNIMORE) - established in Italy
26. Vitkovice IT SOLUTIONS a.s. (VIT) - established in Czech Republic
27. Stadt Wolfsburg (WOB) - established in Germany
28. Stadt Braunschweig (STB) - established in Germany
29. Ceska republika – Ministerstvo dopravy (CZ MDCR) - established in Czech Republic
30. DEKRA CZ a.s. (DEKRA) - established in Czech Republic
31. TELEMATIX SOFTWARE a.s. (TELS) - established in Czech Republic
32. GMVIS Skysoft, S.A. (GMVIS) - established in Portugal
33. MEO - SERVIÇOS DE COMUNICAÇÕES E MULTIMÉDIA, S.A. (MEO) - established in Portugal
34. Icom Ltd (ICOM) - established in Bulgaria
35. Intergraph (Portugal) - Sistemas de Computação Gráfica, S.A. (INTERG) - established in Portugal
36. VODAFONE PORTUGAL, COMUNICAÇÕES PESSOAIS, S.A. (VODAFONE) - established in Portugal
37. Instituto Electrotécnico Português (IEP) - established in Portugal
38. NOS Comunicações, S.A. (NOS) - established in Portugal
39. Instituto da Mobilidade e dos Transportes, I.P. - IMT (IMT) - established in Portugal
40. Ministério da Administração Interna - Secretaria Geral do MAI (PT) - established in Portugal
41. Bayerische Motoren Werke Aktiengesellschaft (BMW) - established in Germany
42. Robert Bosch GmbH (BOSCH) - established in Germany
43. Ceska republika - Ministerstvo vnitra (CZ MIGD) - established in Czech Republic
44. Fundación para la Promoción de la Innovación, Investigación y Desarrollo Tecnológico en la Industria de Automoción de Galicia (CTAG) - established in Spain
45. Advanced Automotive Antennas, S.L. (FICOSA) - established in Spain
46. CEIT-CENTRO DE ESTUDIOS E INVESTIGACIONES TÉCNICAS (CEIT) - established in Spain
47. Teamnet World Professional Services S.R.L. (TEAMNET) - established in Romania
48. Universitatea Romano-Americana (URA) - established in Romania
49. Centro Tecnológico del Mueble y la Madera de la Region de Murcia (CETEM) - established in Spain
50. CRF S.C.p.A. (CRF) - established in Italy
51. Republic of Finland, Ministry of Transport and Communications (FI) - established in Finland
52. Ministry of Interior of Republic of Bulgaria (BG) - established in Bulgaria
53. COSMOTE – Mobile Telecommunications S.A. (COSMOTE) - established in Greece

54. Institute of Communication and Computer Systems (ICCS) - established in Greece  
55. Ministry of Infrastructure, Transport and Networks (EL) - established in Greece  
56. PTL E.P.E. METAFORIKI APOTHIKEUTIKI (PTL) - established in Greece  
57. G4S TELEMATIX SA (G4S) - established in Greece  
58. ANAPTYXIAKI ETAIREIA DIMOU TRIKKAION ANAPTYXIAKI ANONYMI  
ETAIREIA OTA - E-TRIKALA A (eTrikala) - established in Greece  
duly represented by the coordinator by virtue of the mandates included in Annex IV for the  
signature of this Agreement,

hereinafter referred to collectively as “the beneficiaries”, and individually as “beneficiary”  
for the purposes of this Agreement where a provision applies without distinction between the  
coordinator or another beneficiary,

on the other part,

#### HAVE AGREED

to the Special Conditions (hereinafter referred to as “the Special Conditions”) and the  
following Annexes:

Annex I	Description of the action
Annex II	General Conditions (hereinafter referred to as “the General Conditions”)
Annex III	Estimated budget of the action
Annex IV	Mandates provided to the coordinator by the other beneficiaries
Annex V	Model final report
Annex VI	Model financial statement(s)
Annex VII	Model terms of reference for the certificate on the financial statements

which form an integral part of this Agreement, hereinafter referred to as "the Agreement".

The terms set out in the Special Conditions shall take precedence over those set out in the  
Annexes.

The terms of Annex II "General Conditions" shall take precedence over the other Annexes.

## **SPECIAL CONDITIONS**

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## **ARTICLE 1 – SUBJECT MATTER OF THE AGREEMENT**

The Commission has decided to award a grant, under the terms and conditions set out in the Special Conditions, the General Conditions and the other Annexes to the Agreement, for the action entitled "I\_HeERO" ("the action"), action number **2014-EU-TA-0582-S** as described in Annex I.

With the signature of the Agreement, the beneficiaries accept the grant and agree to implement the action, acting on their own responsibility.

## **ARTICLE 2 – ENTRY INTO FORCE OF THE AGREEMENT AND DURATION OF THE ACTION**

- 2.1** The Agreement shall enter into force on the date on which the last party signs.
- 2.2** The action shall run from 01/01/2015 ("the starting date") until 31/12/2017 ("the completion date").

## **ARTICLE 3 - MAXIMUM AMOUNT AND FORM OF THE GRANT**

The grant for the action shall be of a **maximum amount of EUR 15,315,979.5**.

The grant shall take the form of:

- (a) the reimbursement of 50% of the eligible costs of the action ("reimbursement of eligible costs"), which are estimated at EUR 30,631,959 and which are:
- (i) actually incurred ("reimbursement of actual costs")
  - (ii) reimbursement of unit costs: not applicable
  - (iii) reimbursement of lump sum costs: not applicable
  - (iv) reimbursement of flat-rate costs: not applicable
  - (v) declared on the basis of an amount per unit calculated in accordance with the beneficiary's usual cost accounting practices ("reimbursement of costs declared on the basis of the beneficiary's usual cost accounting practices") for personnel costs
- (b) unit contribution: not applicable
- (c) lump sum contribution: not applicable
- (d) flat-rate contribution: not applicable

## **ARTICLE 4 – ADDITIONAL PROVISIONS ON REPORTING, PAYMENTS AND PAYMENT ARRANGEMENTS**

### **4.1 Reporting periods and payments**

In addition to the provisions set out in Articles II.23 and II.24, the following reporting and payment arrangements shall apply:

#### **4.1.1 Reporting periods**

The action is divided into the following reporting periods:

- Reporting period 1 from the starting date of the action to 31 December 2015;
- Reporting period 2 from 1 January 2016 to 31 December 2016;
- Last reporting period from 1 January 2017 to the completion date of the action.

#### **4.1.2 Payments**

Upon entry into force of the Agreement, the Agency shall make the pre-financing payment of 40% of the maximum grant amount specified in Article 3 to the coordinator in accordance with Article II.24.1.2, subject to the receipt of a guarantee of EUR 115,405.

At the end of the last reporting period, the coordinator shall submit the request for payment of the balance in accordance with Article II.23.2.2. The Agency shall make the payment of the balance to the coordinator in accordance with Article II.24.3.

#### **4.2 Time limit for payments**

The time limit for the Agency to make the payment of the balance is 90 days.

#### **4.3 Language and submission means of requests for payment, reports and financial statements**

All requests for payments, reports and financial statements shall be submitted in English.

The Action Status Report referred to in Article II.23.1 shall be submitted via TEN-Tec.

Other documents or, if applicable, scanned copies of the original signed paper versions and electronic files, shall be sent via e-mail to the address specified in Article 6.2.

### **ARTICLE 5 – BANK ACCOUNT FOR PAYMENTS**

All payments shall be made to the coordinator's bank account as indicated below:

Name of bank: NBank

Address of branch: Gunther-Wagner-Allee 12-16, Hannover

Precise denomination of the account holder: Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr

Full account number (including bank codes): 101411759

IBAN code: DE7525050000101411759

### **ARTICLE 6 - DATA CONTROLLER AND COMMUNICATION DETAILS OF THE PARTIES**

#### **6.1 Data controller**

The entity acting as a data controller according to Article II.6 shall be the Director of the Agency.

## **6.2 Communication details of the Agency**

Any communication addressed to the Agency by post or e-mail shall be sent to the following address:

Innovation and Networks Executive Agency (INEA)  
Department C - Connecting Europe Facility (CEF)  
Unit C3 Transport  
B-1049 Brussels  
Fax: +32(0)2 297 37 27  
E-Mail addresses:  
For general communication: [inea@ec.europa.eu](mailto:inea@ec.europa.eu)  
For the submission of requests for payment, reports (except ASRs) and financial statements: [INEA-C3@ec.europa.eu](mailto:INEA-C3@ec.europa.eu)

Any communication addressed to the Agency by registered mail, courier service or hand-delivery shall be sent to the following address:

Innovation and Networks Executive Agency (INEA)  
Avenue du Bourget, 1  
B-1140 Brussels (Evere)

TEN-Tec shall be accessed via the following URL:

<https://webgate.ec.europa.eu/tentec/>

## **6.3 Communication details of the beneficiaries**

Any communication from the Agency to the beneficiaries shall be sent to the following addresses:

For Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr:  
Schäfer Michael

Friedrichswall 1, 30159 Hannover, Germany  
E-mail address: [iheero@mw.niedersachsen.de](mailto:iheero@mw.niedersachsen.de)

## **ARTICLE 7 – ENTITIES AFFILIATED TO THE BENEFICIARIES**

For the purpose of this Agreement, the following entities are considered as affiliated entities:

- ACI Infomobility S.p.A., affiliated to Automobile Club d'Italia;
- Dynavix a.s., affiliated to TELEMATIX SOFTWARE a.s.;
- Robert Bosch Car Multimedia, affiliated to Robert Bosch GmbH;
- Technicky ustav pozarni techniky, affiliated to Ceska republika - Ministerstvo vnitra;
- Teamnet International SA, affiliated to Teamnet World Professional Services S.R.L.;

## **ARTICLE 8 - IMPLEMENTING BODIES DESIGNATED BY THE BENEFICIARIES**

For the purpose of this Agreement, the following entities are considered as implementing bodies:

- Finnish Transport Safety Agency, designated by FI;
- Finnish Transport Agency, designated by FI;
- Finnish Emergency Response Centre Administration, designated by FI;

## **ARTICLE 9 - MONO-BENEFICIARY GRANT**

Not applicable.

## **ARTICLE 10 – ADDITIONAL PROVISIONS ON REIMBURSEMENT OF COSTS DECLARED ON THE BASIS OF THE BENEFICIARY'S USUAL COST ACCOUNTING PRACTICES**

Not applicable.

## **ARTICLE 11 – ADDITIONAL PROVISIONS ON USE OF THE RESULTS (INCLUDING INTELLECTUAL AND INDUSTRIAL PROPERTY RIGHTS)**

In addition to the provisions of Article II.8.3, the beneficiaries shall warrant that the Agency has the rights to:

- summarise the results of the action and distribute the summary;
- extract a part (e.g. audio or video files) of, divide into parts or compile the results of the action.

## **ARTICLE 12 – OBLIGATION TO CONCLUDE AN INTERNAL CO-OPERATION AGREEMENT**

Not applicable.

## **ARTICLE 13 - INAPPLICABILITY OF THE NO-PROFIT PRINCIPLE**

Not applicable.

## **ARTICLE 14 - INELIGIBILITY OF VALUE ADDED TAX**

By way of derogation from point (h) of Article II.19.2, amounts of value added tax (VAT) paid are not eligible for the following beneficiaries: Ceska republika - Ministerstvo vnitra, Republic of Finland, Ministry of Transport and Communications, Ministry of Interior of Republic of Bulgaria, Institute of Communication and Computer Systems, Ministry of Infrastructure, Transport and Networks, Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr, Automobile Club d'Italia, Università degli Studi di Trento, Azienda Regionale Emergenza Urgenza, Provincia Autonoma di Trento - Centrale Unica Emergenza, Department of Communications, Energy and Natural Resources, Administration des Services de Secours, Cyprus University of Technology, Department of Electrical and Mechanical Services, Ministry of Defence, Administration of the RS for Civil Protection and Disaster Relief, Politecnico di Milano, Università degli studi di Modena e Reggio Emilia, Stadt



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lha, 2/12

Wolfsburg, Stadt Braunschweig, Ceska republika – Ministerstvo dopravy, Instituto da Mobilidade e dos Transportes, I.P. - IMT and Ministério da Administração Interna - Secretaria Geral do MAI.

#### **ARTICLE 15 - SPECIAL PROVISIONS ON ELIGIBLE COSTS**

Not applicable.

#### **ARTICLE 16 – WAIVING OF THE OBLIGATION TO PROVIDE CERTIFICATES ON THE FINANCIAL STATEMENTS**

Not applicable.

#### **ARTICLE 17 - FINANCIAL SUPPORT TO THIRD PARTIES**

Article II.11 is not applicable.

#### **ARTICLE 18 — IMPLEMENTATION OF ACTION TASKS BY BENEFICIARIES NOT RECEIVING EU FUNDING**

Not applicable.

#### **ARTICLE 19 – SETTLEMENT OF DISPUTES WITH NON EU BENEFICIARIES**

Not applicable.

#### **ARTICLE 20 – BENEFICIARIES WHICH ARE INTERNATIONAL ORGANISATIONS**


Not applicable.

#### **ARTICLE 21 – JOINT AND SEVERAL FINANCIAL LIABILITY FOR RECOVERIES**

Not applicable.

#### **SIGNATURES**

For the coordinator



Michael Schäfer

Done at Hannover, on 2<sup>nd</sup> of  
December 2015

For the Agency



Dirk Beckers

Done at Brussels, on 03/12/2015

In duplicate in English

## ANNEX I

### DESCRIPTION OF THE ACTION

#### ARTICLE I.1 – IMPLEMENTATION OF THE TEN-T NETWORK

The action contributes to the implementation of:

- the comprehensive network
  - Horizontal priority: Telematic applications systems for road (ITS).
- the core network
  - Horizontal priority: Telematic applications systems for road (ITS).

#### ARTICLE I.2 – LOCATION OF THE ACTION

- 1.2.1 Member State(s): Bulgaria, Cyprus, Czech Republic, Finland, Germany, Greece, Ireland, Italy, Luxembourg, Portugal, Slovenia
- 1.2.2 Region(s) (using the NUTS2 nomenclature): Alentejo (PT18), Algarve (PT15), Centro (PT) (PT16), Lisboa (PT17), Norte (PT11), Região Autónoma da Madeira (PT30), Região Autónoma dos Açores (PT20), Jihovýchod (CZ06), Jihozápad (CZ03), Moravskoslezsko (CZ08), Praha (CZ01), Severovýchod (CZ05), Severozápad (CZ04), Střední Čechy (CZ02), Střední Morava (CZ07), Severen tsentralen (BG32), Yugozapaden (BG41), Kýpros / Kibris (CY00), Luxembourg (LU00), Vzhodna Slovenija (SI01), Zahodna Slovenija (SI02), Arnsberg (DEA5), Berlin (DE30), Brandenburg (DE40), Braunschweig (DE91), Bremen (DE50), Chemnitz (DED4), Darmstadt (DE71), Detmold (DEA4), Dresden (DED2), Düsseldorf (DEA1), Freiburg (DE13), Gießen (DE72), Hamburg (DE60), Hannover (DE92), Karlsruhe (DE12), Kassel (DE73), Koblenz (DEB1), Köln (DEA2), Leipzig (DED5), Lüneburg (DE93), Mecklenburg-Vorpommern (DE80), Mittelfranken (DE25), Münster (DEA3), Niederbayern (DE22), Oberbayern (DE21), Oberfranken (DE24), Oberpfalz (DE23), Rheinhessen-Pfalz (DEB3), Sachsen-Anhalt (DEE0), Schleswig-Holstein (DEF0), Schwaben (DE27), Stuttgart (DE11), Thüringen (DEG0), Trier (DEB2), Unterfranken (DE26), Weser-Ems (DE94), Lombardia (ITC4), Provincia Autonoma di Trento (ITH2), Anatoliki Makedonia, Thraki (EL11), Attiki (EL30), Dytiki Ellada (EL23), Dytiki Makedonia (EL13), Ionia Nisia (EL22), Ipeiros (EL21), Kentriki Makedonia (EL12), Kriti (EL43), Notio Aigaio (EL42), Peloponnisos (EL25), Sterea Ellada (EL24), Thessalia (EL14), Voreio Aigaio (EL41), Etelä-Suomi (FI1C), Länsi-Suomi (FI19), Southern and Eastern (IE02)
- 1.2.3 Third country(ies): not applicable

#### ARTICLE I.3 – SCOPE AND OBJECTIVES OF THE ACTION

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 for all the citizens of Europe.

When activated, the in-vehicle eCall system will establish a voice connection directly with the relevant PSAP (Public Safety Answering Points). At the same time, a minimum set of 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 successful EU wide implementation of eCall requires three types of measures:

1. the fitting of a specific system in the vehicle,
2. the ability of mobile network operators to distinguish eCall (voice and data) from normal emergency calls and route them to the appropriate PSAP
3. the capacity of the emergency call respond centres (PSAPs – Public Safety Answering Points) to manage eCall.

The pre-deployment of eCall started with the EU co-funded projects “HeERO” (GA 270906) and “HeERO 2” (GA 325075), i.e. Harmonised eCall European Pilot. In these projects 14 participating Member States and 1 associated country analysed the feasibility and robustness of the eCall service with pilot installations on both the PSAP and vehicle side.

I\_HeERO draws directly from these results and as such adds real value to the work already undertaken to achieve the mandatory deployment of eCall based on 112 for Member State PSAP by 1st October 2017.

All Member State authorities participating in I\_HeERO are committed to the PSAPs upgrade for eCall according to the relevant EU legislation.

I\_HeERO. (“I” for “Infrastructure”) 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 that fits the necessary requirements within each member state.

I\_HeERO consists of studies leading to a number of pilot reference implementation in all activities. I\_HeERO will develop and provide a blueprint (implementation plan) to beneficiary member state PSAP(s) on how to upgrade their infrastructure to support eCall as a pan European concept.

As part of delivering the blueprint (eCall implementation and upgrade plan), the identified PSAP will be equipped with required hardware and software to enable the proper processing of the incoming eCall. The processes followed will be documented and shared, to allow other PSAPs with comparable architecture to follow a similar approach, increasing the possibility of an easy upgrade utilizing I\_HeERO experience to reduce risks, costs and implementation time.

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 for these vehicle types to evaluate the impact on PSAP under real conditions and the resulting implications for data integration and exchange.

The main goal of I\_HeERO is to prepare Member State PSAP for the deployment of eCall

based on 112 based on reference implementations. This will be achieved through the following objectives:

1. To prepare the necessary PSAP infrastructure to realise Pan-European eCall.
2. To boost Member States investment in the PSAP infrastructure and interoperability of the service within the roadmap (by the end of 2017)
3. Preparation for deployment for eCall for HGV and Dangerous Goods
4. Preparation for deployment for eCall P2W
5. Perform PSAP Conformity Assessments.
6. To look at advancements in the management of data and next generation 112 for eCall

## ARTICLE I.4 – ACTIVITIES

### I.4.1 Activities timetable

Activity number	Activity title	Indicative start date	Indicative end date	Milestone number
1	Study for a reference upgrade of Member States PSAP for eCall based on 112	01/01/2015	31/12/2017	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14
2	eCall for HGV (including Dangerous Goods) and long distance Buses and Coaches	01/01/2015	31/12/2017	15, 16, 17, 18, 19, 20, 21
3	eCall Powered two wheeled vehicles	01/01/2015	31/12/2017	22, 23, 24, 25, 26, 27, 28, 29
4	PSAP Data Integration	01/01/2015	31/12/2017	30, 31, 32, 33, 34, 35
5	A Study concerning PSAP compatibility with NG112	01/01/2015	31/12/2017	36, 37, 38, 39
6	Study leading to recommendations for non-participating countries and associated commercial partners on eCall	01/01/2015	31/12/2017	40, 41

### I.4.2 Activities description

#### **Activity 1: Study for a reference upgrade of Member States PSAP for eCall based on 112**

The objective of activity 1 is to upgrade all PSAP in one country a structural schedule – a recipe – is required. I\_HeERO will address this issue by undertaking a study reference in each of the pilot sites, to make the PSAP fully operationally eCall enabled.

This process not only requires additional IT hardware, but also changes in existing operator's software and existing PBX (telephone system) set up, coupled where necessary with operator training. The training manual, if required, will be taken from HeERO2.

In I\_HeERO the complete chain of necessary updates, upgrades or changes will be addressed including:

- Telephone provider and interface handling (SIP, ISDN): usually eCall will be delivered to a

special long number in the PSAP. This requires additional telephone lines.

- It also requires the MNOs to ensure that their routing tables (and Switches) are able to handle the routing correctly for eCall type calls to the appropriate PSAP.
- Telephone System (PBX) handling: eCall is a mixture between data and voice communication. PSAP operators can switch back to data mode at any time to request a second Minimum Set of Data (MSD). This requires a special integration to the local PBX in the PSAP.
- eCall decoding system, also known as "eCall Router or Flag": additional, new system to receive, decode and store eCall for further processing. These "eCall Routers" have been addressed previously in the HeERO pilot projects and should now have a mature development status to be used in operational PSAP environments.
- PSAP software: a GIS (geographic information system) with connection to the PBX and the eCall Router showing the cases and the necessary information. To take advantage of the transmitted eCall information this software must be upgraded retrieving the data from the eCall Router, showing it on the display and storing it as a part of the complete caller's data set.
- Handling procedures: how to handle eCall, eCall in special situations (e.g.: PSAPs handling eCall coming from a different Member States), how to interpret the data, etc.
- Development of the conformity assessment criteria and process to enable all PSAP in the project and beyond to successfully complete conformity assessment to be declared eCall ready.

In several Member States the number of PSAP is exceedingly high – with big differences in existing infrastructure and handling procedures. In this case the PSAP in the Member States participating in I\_HeERO will be chosen by their ability of being an example for PSAP in other Member States.

#### Pilot Sites Descriptions:

**Bulgaria:** will use the experience gained in HeERO 2 to realize a fully implemented eCall system based on 112, which will include the PSAP conformity assessment. The study for Bulgaria will use the eCall system to process the data coming from Activity 2 eCall for HGV & Dangerous Goods as a study leading to a pilot implementation, which will include access to external databases for data relevant to the emergency process. This will be coupled with cross border testing with Greece and Romania. There will be two PSAP involved

**Cyprus:** Has no previous activities on eCall. The existing six (6) PSAPs, which shall be consolidated into one (1), are designed to accept 112 calls only. Cyprus will undertake a study which will lead to a reference implementation of eCall ready for deployment. The upgrade process will affect this PSAP, and the back up PSAP. The implementation will include the conformity assessment. Additionally Cyprus shall investigate methods for introducing eCall Heavy and Dangerous Goods Vehicles and new technologies on emergency call management (NG112), as well as sharing eCall data with other ITS projects and PSAPs. Cyprus will also undertake a study on "Open Sourced eCall solution for PSAP", which will be suitable for small-size EU member states, and shall participate in the specification drafting for eCall for powered 2 wheel vehicles.

**Czech Republic:** The public eCall 112 was implemented into a testing platform of PSAP 112 during HeERO project including functionality of traffic management and TPS eCall

interfaces and implementation of the eCall flag in one MNO network. Objectives: Upgrade the two PSAP 112 situated in Ostrava and Prague to make them fully and operationally eCall enabled, separate eCall infrastructure for handling of eCall with attribute "TEST eCall", perform conformity assessment and participate on the study and pilot testing for eCall HGVs. Czech Republic will assist in activity 4.3 with the provision of PSAP for this sub work package.

**Finland:** Participated in HeERO but was unable to upgrade a PSAP or use the eCall flag. Therefore, Finland will undertake a study leading to a reference implementation for eCall deployment, conformity assessment and end-to-end tests including interoperability tests with the ERA GLONASS, this will apply to six PSAP. The Finnish Pilot will participate in PSAP data integration and the study for eCall HGVs and dangerous goods.

**Germany:** Germany participated in the HeERO project and demonstrated a concept for eCall deployment in Niedersachsen. All German PSAPs will be upgraded with eCall technology. The project will equip 262 German PSAP. The upgrade will be achieved through a reference implementation, then expanded through Germany.

**Greece:** Participated in HeERO, and demonstrated eCall with one eCall PSAP system specifically purchased for this project. The objective for I\_HeERO is to undertake a study establishing a reference implementation leading to a pilot on how to upgrade this one PSAP according to latest standards and regulations, extend eCall beyond the existing classes of vehicle e.g. eCall HGV & Dangerous Goods and P2W, and data to manage the advancement of eCall. The study will also include cross border activities with other I\_HeERO partners, i.e.: Bulgaria.

**Ireland:** Ireland has no previous experience with eCall. Ireland will carry out a study leading to a reference implementation on the most viable way to implement the eCall in Ireland, to ensure the PSAP infrastructure is upgraded for the introduction of eCall, this will apply to one PSAP. To evaluate and assess new technologies that will assist with the implementation of eCall within the time frames and to assess the potential to include eCall for powered 2 wheel vehicles and the transport of dangerous goods.

**Italy:** The infrastructure of the Italian emergency number service EU112 is currently composed of several PSAP models. Italy is committed to implement the eCall system on its territory, using the experience gained with the participation to the HeERO project and to develop and test eCall for HGV and PWT. The impact of the eCall service on the PSAPs architecture at national level will be investigated and tested and will adapt the processing logic for handling supplementary information from external databases for HGV and dangerous goods. The PSAP of VARESE and Trento are planned to be upgraded and ready for eCall (two PSAP). Italy will also assist in activity 4.3 with the provision of PSAPs.

**Luxembourg:** Gained valuable experience in HeERO2 about eCall deployment, in particular eCall for Dangerous Goods. The Luxembourg pilot site will install and integrate a fully functional eCall service into Luxembourg's one 112 centre (PSAP), which is responsible for all national emergency calls.

**Portugal:** To grant continuous availability for eCall 2 PSAPs will work in a redundancy failover regime. COSul and CONor, Portugal will then have a structure based on two PSAP

for the whole mainland and 3 PSAPs in Autonomous Regions (Not upgraded). The existing regional PSAP will be merged into both centres. After the conclusion of this infrastructure related to the national 112, both PSAPs (CONor and COSul) will be able to receive and manage eCall data and voice.

In order to achieve the above objective the following “core activities” will be performed in the project Portugal will participate in activity 1.2, 1.3, 1.4, Activity 2 HGV eCall and Activity 4 Data integration.

**Slovenia:** was an associate partner in HeERO 2. For I\_HeERO. Slovenia will undertake a study leading to a pilot implementation, which will conclude with the conformity assessment, thus providing a reference implementation for eCall based on 112 with one PSAP.

#### Sub-activity 1.1: Project Management

Project Management will provide the overall legal, contractual, ethical, financial and administrative management of the project, including communication with the European Commission services and reporting.

The model used for the coordination and management of this project is one taken from the HeERO projects.

##### Deliverables:

Deliverable 1.1.1: Management Plan and work Plan

#### Sub-activity 1.2: Design

The main objective is to ensure successful implementation of the reference study for the eCall service in all the member state test sites. 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 will be identified.
- HW (hardware) Installation and SW (software) Implementation: the physical implementation of both SW and HW components will be undertaken at study sites.

##### Deliverables:

Deliverable 1.2.1: State of the art analysis completed

Deliverable 1.2.2: Specification for system (upgrade) Blueprint design

#### Sub-activity 1.3: Implementation

The full implementation and integration of eCall systems into selected PSAPs is a major part of I\_HeERO. After a procurement phase, the implementation of necessary PSAP hardware upgrades will be processed. With the implementation of the data integration also the connection from or to other PSAPs or external sources 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, blue prints for the upgrade process for other PSAPs will be created.

##### Deliverables

Deliverable 1.3.1: Procurement process completed with the award of contract to install equipment



Deliverable 1.3.2: Acceptance of installation/upgrade

Deliverable 1.3.2.1 Upgrade for 5 MS PSAP

Deliverable 1.3.2.2 Upgrade for 50 German PSAP

#### Sub-activity 1.4: Conformity assessment

I\_HeERO will develop a uniform scheme on a European level for conformity assessment. The provision of a PSAP conformity assessment framework will be based on the HeERO 2 deliverable on eCall certification: D6.3 that defines the assessment procedures based on the eCall standards.

I\_HeERO will also take care of the organisational aspect of the PSAP conformity assessment. A committee headed by an independent ITS stakeholder organisation with representatives from a major part of EU countries, will be established to define and coordinate the PSAP certification framework. The PSAP assessment process will be provided through certification services, to be carried out by accredited test houses. The applicability of the developed scheme for conformity assessment will be validated in a field trial in Germany. In parallel to the field trial in Germany all other member states will get access and guidance on implementation on national basis. All MS will contribute to the development of the conformity protocols, which will be applied to MS towards the end of the project to ensure that the reference implementations of the PSAP can be used correctly and comply with the legislation.

#### Deliverables:

Deliverable 1.4.1: Specification for conformance assessment with two parts, one for supplier and one for PSAP

Deliverable 1.4.2: Conformance assessment documentation

Deliverable 1.4.3 Conformance Assessment for all participating MS

#### Sub-activity 1.5: Dissemination

Communication and outreach activities of the Member States (MS) and all consortium partners 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 a calendar of relevant events and will take into account the changing communication needs related to the progress of the eCall project in Europe. I\_HeERO will stage events. The activity will also provide all dissemination material based on the corporate identity developed for HeERO. A set of dissemination material will be made available. Input will also be provided for dissemination activities in Romania and beyond. A website drawing from HeERO the site will be available in the language of each beneficiary Member State. This will be available for all MS and consortium members.

#### Deliverables:

Deliverable 1.5.1 Communications plan

Deliverable 1.5.2 Calendar of events

Deliverable 1.5.3 I\_HeERO Website

Deliverable 1.5.3.1 I\_HeERO Website main pages in all MS partner languages

## **Activity 2: eCall for HGV (including Dangerous Goods) and long distance Buses and Coaches**

eCall implementation for Heavy Goods Vehicles (HGV) differs significantly from eCall for cars and vans. The sheer size and weight of a HGV makes impact of a collision considerable. This is further escalated in case the HGV is carrying dangerous goods. When it comes to long distance buses and coaches, the number of passengers multiplies the severity of a collision. In all these cases, emergency services would require additional data on e.g. type of goods carried by a HGV or number of passengers on a bus. At the same time, these vehicle types are different and will be treated as separate activities, still with common cross-cooperation within this and with other project activities. The activities will be led by The International Road Transport Union (IRU) which is the world road transport organisation, which represents the interests of bus, coach, taxi and truck operators as a global industry.

The work will follow the following steps, which will form the objectives for this activity:

- (i) Analysis of stakeholder needs and specification of interfaces
- (ii) Prototype development and interfacing to existing information sources
- (iii) Development of costs-benefit analysis for each of the specific vehicle groups
- (iv) Recommendations on type approval legislation and next steps towards eCall implementation.

### **Sub-activity 2.1 Heavy goods vehicles carrying dangerous goods.**

The handling of dangerous goods was already in the scope of HeERO 2, with the goal to establish a tracking and tracing service for dangerous goods transports. In I\_HeERO, the work will focus on a study on the PSAP side and how to extend the handling procedures to use the additional information transmitted by eCall Dangerous Goods vehicles. The intention is to prepare the PSAP and the “Upgrade Recommendation Guide” to process additional information on all types of goods (with emphasis on dangerous goods) to enhance the emergency rescue chain.

### **Sub-activity 2.2 Heavy goods vehicles carrying all other types of goods.**

The second part of the work will address a study leading to a pilot implementation of eCall for all types of Heavy Goods Vehicles. Accurate information of what type of goods is carried on a HGV is significant to rescue services in the case of a collision. To obtain such information, the PSAP would need to connect to an external information source. The challenge will be to find strong incentives for transport operators or shippers to share data on their goods.

### **Sub-activity 2.3 Long distance buses and coaches.**

A study on eCall for long distance buses and coaches will make a strong contribution to increasing road safety. Knowing if a long distance bus or a coach is carrying 5 or 45 passengers at the time of a collision can have vast impact on the emergency team readiness to handle rescue missions efficiently.

The main task will be to find reliable sources on dynamic passenger data, to investigate different ways of improving reliability of such data and to find ways of connecting these data sources to PSAPs in case of an emergency. While passenger lists for long distance bus and

coach transfers exist in some countries, they are not obligatory across Europe. The situation is quite different when it comes to inter-city buses, where registration is not required. The second task will look into bus & coach eCall activation mechanisms and, will study challenges in obtaining accurate information available from fleet operators, as well as study new ways to support fleet operators estimate number of people travelling on their long distance buses at a certain time. The activity will not cover urban buses.

#### Sub-Activity 2.4 eCall cross-border cooperation with neighbouring countries.

There is a high number of HGVs that cross the EU border from neighbouring countries. The use of eCall for such vehicles will have a significant impact on road safety, i.e.: the use of eCall by non-EU vehicles in the EU.

This Activity will continue the cooperation on eCall with neighbouring countries (e.g.: Russian Federation, Turkey) based on HeERO and HeERO 2 to ensure that EU PSAPs are capable of handling these special emergency cases with non-EU vehicles or eCall coming from the border regions, thus requiring cross-border cooperation of PSAPs.

#### Deliverables:

Deliverable 2.1 Draft specification of eCall for HGV (including Dangerous Goods)

Deliverable 2.2 Prototype IVS and PSAP to demonstrate feasibility of eCall for HGV

Deliverable 2.3 Draft specification of eCall for buses/coaches

Deliverable 2.4 Final specification of interfaces for eCall for HGV (including Dangerous Goods)

Deliverable 2.5 Final specification of interfaces for eCall for buses/coaches

Deliverable 2.6 Recommendation to adjust type-approval and potential amendments to legislation

Deliverable 2.7 Recommendations for implementation of eCall with neighbouring countries

#### **Activity 3: eCall Powered two wheeled vehicles**

The I\_HeERO consortium is continuing the work that started in HeERO 2, which provided an initial insight into the provision of eCall for powered 2 wheelers (P2W) vehicles. I\_HeERO will define the requirements and architecture of an eCall device for P2W that could be fitted at point of manufacture.

This will be coupled with additional work (which is a continuation of the studies carried on in HeERO 1 and 2) which will address possible aftermarket solutions (retro-fitting). Neither system is ready for full-scale deployment until standardisations issues are addressed. I\_HeERO will work with CEN 278 working group 15 to ensure that the necessary changes required to enable eCall for P2W are identified, and fed into the standardisation process.

Additional data and contributions will be provided by universities, public research institutes and PSAPs representatives. Contributions from P2W users' associations is also welcome.

There are significant differences between eCall for cars and eCall P2W these are:

- (i) The probable separation of driver & vehicle due to vehicle dynamic peculiarity
- (ii) Identification of a fall (with or without collision of machine with a solid object)
- (iii) The specific characteristic that a voice connection is not present or cannot be established.
- (iii) The crash dynamic of car and P2W are fundamentally different with different injury patterns and severity.

Due to the fact that there is no clear trigger signal for a collision, such as the airbag trigger in cars, a specific triggering method will be devised for P2W within this current project.

In order to develop such a system an exhaustive study of available accident databases (e.g. GIDAS) will be necessary to determine the use cases. An analysis of the pre- and the post-accident conditions will be used to identify the constellations and key factors that determine accident and injury severity outcomes. It is expected to achieve an analytical equivalence to automotive standards.

The resulting triggering system and statistical injury prediction method will lead to a realistic minimum of false positive and an acceptable level of false negative calls to PSAPs.

The study will also consider the fact that the injury severity is not necessarily indicating the real need of assistance from a rescue provider.

The generic P2W related accident configurations will lead to basic investigations and even some riding experiments in some of the use cases.

One of the core objectives is to ensure a minimum of system complexity. This will be necessary to ensure positive market acceptance and quick uptake. The activity is led by a consortium of motorcycle manufacturers who also liaise with focus groups from the rider community along with recognised bodies such as Federation of European Motorcyclists Associations (FEMA).

#### Sub-activity 3.1: Meta-Analysis eCall state of the art

Evaluate current eCall solutions/standards and their limitation as regards eCall on P2W. Analysis and update of eCall car systems, standards, etc. for P2W.

Collision research, based on current data to evaluate relevant scenarios, which are critical for P2W and would lead to an eCall. During this study the bike and the rider are the focus. The use of naturalistic riding data will be used to support the verification of an eCall triggering event, as the key question in understanding eCall incidents with P2W machines is the nature of the event that will lead to the eCall being triggered, in short what does the event look like.

##### Deliverables:

Deliverable 3.1.1: List and assessment of state of the art of existing eCall systems and standards including an assessment of the relevance to P2W vehicles

Deliverable 3.1.2: List /set of use cases for P2W eCall

#### Sub-activity 3.2: Verification requirements

Based on the relevant scenarios identified in activity 3.1 a generic standard for verification will be developed. This involves the description of test scenarios (minimum set of requirements, which simulate the activity 3.1 defined scenarios and definition of non-triggering scenarios (misuses).

Deliverable: 3.2 Proposal for conformity with CEN

#### Sub-activity 3.3: Data Transmission

The need of adaptation of the MSD (minimum set of data) is to be created as joint task of vehicle manufacturers, suppliers and rescue services, and an update procedure of the function.

This activity includes the evaluation of triggering mode indicator within MSD (manual or automatic).

#### Deliverable 3.3 MSD table for P2W for PSAPs

#### Sub-activity 3.4: Architecture and Validation

The minimum functionality of the vehicles, riders and passenger's technical equipment and the standard of functional safety ISO 26262 required for this purpose must be determined to achieve a satisfactory extent of incident detection and notification. Under consideration of the particular P2W situation, essential generic requirements to function, hardware and HMI need to be defined.

#### Deliverable: 3.4 Basic architecture recommendation document

#### Sub-activity 3.5: Classification of severity

This activity is a study which aims to classify the severity of the incident. The dynamic data of vehicle and driver are used as basic information. The linguistic differentiation of the countries shall also be considered.

#### Deliverable: 3.5 Documented analysis of possible determination of injury severity

#### Activity 3.6 – Retrofit

The work started in HeERO 2 will be expanded for fast and efficient deployment of eCall function for P2W. The possibilities and limiting conditions of a retrofitting of the existing vehicles are to be developed.

#### Deliverable: 3.6.1 State of the art definition of a eCall equipped Powered 2 Wheel prototype

#### Deliverable: 3.6.2 Homologation process proposal for retrofit solutions

### **Activity 4: PSAP Data Integration**

The objective for Data Integration in I\_HeERO is to explore the potential of data sharing and data integration which will be made available to the PSAP as a central service. In 112 emergency calls, information transfer is achieved by direct speech between the caller and the PSAP operator, with all the issues that involve the comprehension of this vital communication.

eCall brings a new level of information to the PSAP. With it, the location data is presented at the PSAP premises, along with many car related data, including propulsion type and vehicle type (using VIN - Vehicle Identification Number). The possibility of sharing of this data with the rescue service is of high value.

Using VIN, additional services can be invoked to get even more information from relevant vehicle registries (e.g.: EUCARIS). This information can be available shortly after the MSD arrives.

In all these cases data sharing will be important, but it also requires additional infrastructure, a clear understanding of the data types and PSAPs requirements to handle that. In I\_HeERO the potential of data sharing and data integration will be made available to the PSAP as a

central service. Provision of relevant information to Traffic Management Centres (TMC) will also be considered.

**Sub-activity 4.1: Definition, study and implementation of protocol(s) aimed at the communication between PSAPs to enable eCall MSD handling**

This sub-activity will analyse and implement communication protocols related to the MSD handling. The following cases will be covered:

- From first level PSAP to second level PSAPs.
- Between first level PSAPs (including cross-border data exchange).
- Considering MSD data segmentation, according to the nature of the emergency.

The candidate protocols for this study are already known to the Emergency Management community, such as CAP (Common Alerting Protocol). CAP is an XML-based data format for exchanging alerts between emergency organisations and for delivering public warnings. It allows consistent dissemination of messages, simultaneously over many warning systems to many applications.

**Sub-activity 4.2: Definition, study and implementation of a protocol aimed at the communication between emergency centres/PSAPs/TMC and 112 PSAPs to exchange eCall MSD (roaming).**

The study will refer to the same candidate protocol described in Activity 4.1, with regards of the set of data and procedures put in place in specific data exchange cases. It will study on the development of a protocol, based on EN16102, aimed at the communication between TPS Control Rooms and 112 PSAPs. TPS eCall systems are requested to forward to 112 PSAPs the information related to their subscribers in the same way as pan-european eCall. We will also consider Datex II, ITS standard for European Roads communication.

An example of this activity is the Italian 112 PSAP in Varese who will be able to send eCall data to the Highway traffic control room of Highway A22 in Trento. Highways operators will then use these data to manage electronic signalling, or dispatch rescue teams.

**Sub-activity 4.3: Situational awareness of the eCall incident through Earth Observation data**

Earth Observation (EO) imagery is becoming important to aid decision-making. This is commonly performed through use of free-to-use services such as "Google Earth". Since this information can be greatly out of date, it is inconvenient and can lead to delays or inappropriate responses.

This study intends to maximise the benefits of the eCall service and the MSD by providing the latest available earth observation imagery archive, ideally no more than 6 months old, to PSAPs located in the Czech Republic and Italy (at least one in each MS), in a format similar to Google Earth, but customised to their needs. This will provide more accurate information on incident location, to understand the potential conditions on scene. For the project this will be a standalone system used to evaluate the benefits.

The study will include an assessment of the benefits of providing such data, and the improvements in situational awareness and decision making.

The study will also consider the costs and benefits of making such a service available to PSAPs and a review of likely implementation options, costs and the financial and operational benefits that can be delivered, which may support a future business case for this service.

#### Sub-activity 4.4: Security and integrity of the eCall data and transmission

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 and the PSAP. The vehicle and its sensors 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 on the PSAP. However, security and integrity is an end-to-end problem. The study will look at the weaknesses in the chain with regards to technology and propose mitigation techniques/approaches to minimise the risks for security and integrity of eCall data along the service chain.

#### Sub-activity 4.5: Extension of MSD

Considering the work that was done during the HeERO 2 project about the extension of MSD and the ongoing standardization of this extended set of data, the activity aims at studying what different data may be included, besides the “dangerous goods and heavy trucks” topic, without overweighting the MSD and providing helpful information to PSAPs.

Examples may include information that is not directly included in a MSD but to which the MSD refers to, making it effectively dynamic.

This activity is connected to Activity 2 and the definition of HGV dataset.

#### Sub-activity 4.6: Access to VIN Database

This activity will study the integration with EUCARIS or comparable national registry for those Member States that are not currently members of the registry.

It will allow access to additional information by PSAPs, concerning the vehicle, its owner and other details that are carried inside the MSD. It will allow Member States who didn't have access to national or international VIN databases to follow the integration operated during the HeERO and HeERO 2 projects.

#### Deliverables:

Deliverables D4.1 Communication between PSAPs to enable eCall MSD handling

Deliverables D4.2 Communication between Control Rooms and 112 PSAPs to exchange eCall MSD EN16102

Deliverables D4.3 Situational awareness of the eCall incident through Earth observation data

Deliverables D4.4 Security and integrity of the eCall data and transmission

Deliverables D4.5 Study of different sets of data to be included in MSD extended package, outside the “dangerous goods and HGV” environment

Deliverables D4.6: Study the integration with EUCARIS or comparable national registry for those countries who were not yet its members during the HeERO and HeERO 2 projects.

### **Activity 5: A Study concerning PSAP compatibility with NG112**

eCall technology was originally conceived for 2G & 3G networks. Future networks will be based on IP (Internet Protocol) technology. From the technical perspective, eCall is a legacy technology that uses in-band modem technology for data transmission and GSM and ISDN networks as communication channels.

Modern technology such as LTE, 3G data transmission or VoIP based communication were never considered during the definition of ETSI and CEN eCall specifications. However, modern networks become more and more relevant. ISDN is not supported for new connections in many European countries anymore. The new data transmission ways also require changing specifications in many ways and many levels of network communication. This affects signalling, voice and data transmission. 112 calls and eCall are free-of-charge, and this must be reflected in all networks and by all partners involved. NG communication is even more a challenge since eCall is a safety relevant system. This means that data transmission of eCall and the setup of the voice channels must be prioritized.

The study will consider the migration of eCall to NG112 (Next Generation 112). The mixed pool of vehicles equipped with 2, 3, 4, and 5G technology, will change slowly to NG112. A relevant strategy for the migration of the PSAP will allow effective management thus ensuring that eCall remains effective. I\_HeERO beneficiaries will coordinate with ETSI (where appropriate) and EENA to ensure that their proposed transitions to NG112 do not clash with the standards and processes already developed by those bodies, such as those already published in EENA's "NG Technology Transition Models" document, and that the project is following the relevant standards. It is anticipated that there will be a direct link between CEN 278 WG15 and the project to facilitate any necessary changes required or the adoption of new standards. I\_HeERO possess the necessary MS involvement and of course PSAP and MNO infrastructure to trial any future developments. Moreover direct connections with ETSI will ensure that there is no possibility of duplication of effort. In addition the CEN 278 WG15 (in charge of eCall) will be available to work directly with the entire project to ensure that any amendments that are identified are processed in the most effective way.

With the inception of the IETF (Internet Engineering Task Force) working group ECRIT (Emergency Context Resolution with Internet Technologies) the work on next-generation eCall is now in process. NG-eCall moves from circuit switched to all-IP, and it carries the vehicle data and other eCall- specific data as additional data associated with the call. NG eCall is expected to offer to carry more data (e.g., an enhanced MSD or an MSD plus additional sets of data), to handle video and text, and to provide the ability for the PSAP to access vehicle components (e.g., an on-board camera (such as rear facing or blind-spot cameras) for a visual assessment of the crash site situation) and to request the vehicle to take actions (e.g., sound the horn, disable the ignition, lock/unlock doors).

Depending on the respective technology (PSTN or NGN) of the Public Safety Answering Point (PSAP), a different encoding for the number format as well as for the additional information may be used.

Analysis and recommendations regarding vehicle installation, integration and interfaces will be part of this study as well as the definition of requirements for communication providers (mobile and satellite).

Standard 112 eCall and NG 112 eCall will have to live in parallel for a long time. The proposed study will analyse the different proposals for NG112 eCall and define for the IVS and the PSAP to support NG 112. A migration strategy will be defined from today's eCall to NG 112 eCall. If first prototypes are available during the course of the project, first tests with 112 eCall will be executed to verify that the standards and the migration strategy is realistic.



#### Sub-activity 5.1: Requirements and state of the art analysis

This activity concerns the state of the art analysis of available concepts and standards for NG112 and NG112 eCall (e.g. EENA and ETSI input). Based on this analysis, and after considering users' requirements, NG112 eCall will be defined for PSAP, communication providers and IVS manufacturers.

Deliverable D5.1 NG112 eCall requirements defined.

#### Sub-activity 5.2: Draft specification of NG112 eCall.

A draft specification of NG112 eCall will be created. This will be based on existing specifications created by ETSI and EENA and updated using I\_HeERO results.

Deliverable D5.2 NG112 eCall draft specification finished.

#### Sub-activity 5.3: Evaluation of specification with proof of concept

A proof of concept covering a selected scenario will be created to evaluate the identified technical solutions. This proof of concept integrates selected PSAPs, selected communication service providers and selected IVS into a complete prototype solution.

Work result: Proof of concept demonstration, Report on lessons learned in proof of concept demonstration.

Deliverable D5.3 NG112 prototype to demonstrate feasibility

#### Sub-activity 5.4: Involvement of stakeholders

For a successful study it is important to be in constant contact and discussion with the relevant stakeholders such as EENA, ETSI, and 3GPP to ensure that the stakeholders will accept the results.

Deliverables D5.4 NG112 Input to standardisation bodies provided CEN documentation detailing the necessary changes to published and future standards (eCall P2W and eCall HGV) CEN documentation has to be used for this to be the correct input, validated by CEN278 WG15.

### **Activity 6: Study leading to recommendations for non-participating countries and associated commercial partners on eCall**

All EU Member States are obliged to upgrade their PSAPs for eCall in order to comply with the EU legislation. However not all Member States were in a position to participate in I\_HeERO 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 all Members States to have access to a document web portal. Regular market place webinars or conference calls will be held to allow the I\_HeERO consortium to share their experience with the widest possible audience.

This approach was adopted in HeERO 2 and found to be highly effective, as it provided Member States valuable information toward the PSAPs upgrade, and it allowed commercial entities involved in eCall to test equipment or answer technical questions.

All interested parties that are not partners of I\_HeERO, will fall under the "associated partner" category.

Activity 6 consists of the following tasks:

- a. To create an associate partner category for both Member States and commercial entities
- b. To give access to associate partners to the web portal (e.g.: Project Place)
- c. To hold quarterly webinars on the progress of I\_HeERO
- d. To make all documentation concerning PSAP upgrade for a Member State available via the web portal.

Deliverables:

Deliverables D6.1 Establish Webinar facility in line with the Dissemination plan

Deliverables D6.2 Hold monthly webinar for associate partners of the project

#### ARTICLE I.5 – MILESTONES AND MEANS OF VERIFICATION

Milestone number	Milestone description	Indicative completion date	Means of verification
1	Management Plan and work Plan ready	31/12/2015	Document produced and verified by the I_HeERO Steering Committee
2	State of the Art analysis completed	30/01/2016	Document produced for each pilot site verified by the I_HeERO Steering Committee
3	Specification for system (upgrade) Blueprint Design	30/04/2016	Document produced for each pilot site verified by the I_HeERO Steering Committee
4	Procurement process completed with the award of contract to install equipment	31/07/2016	Document produced for each pilot site, Procurement contract awarded verification from each MS procurement department over process
5	Acceptance of installation / upgrade	30/10/2016	Installation of equipment with documentation

			verified by Site Visit by the I_HeERO Technical Officer
6	Upgrade of 5 MS PSAP	31/12/2016	Verification of installation by visit by the I_HeERO Technical Officer
7	Upgrade of 50 German PSAP	30/06/2017	Verification of installation by visit by the I_HeERO Technical Officer
8	Specification for conformance assessment with two parts, one for supplier and one for PSAP	31/08/2016	Specification Produced and approved by the steering committee
9	Conformance assessment documentation	27/03/2017	Specification for conformity assessment produced. Verified by the I_HeERO Steering Committee.
10	Conformity Assessment for all participating MS	30/09/2017	Conformity certificate issued verification pass or fail according to the specification
11	Communication Plan ready	31/12/2015	Document produced for submission to INEA, verified by the I_HeERO Steering Committee
12	Calendar of events ready	31/12/2015	Document produced for submission to INEA, verified by the I_HeERO Steering Committee
13	I_HeERO Website	31/12/2015	Website available, hard copy verified by the steering committee
14	I_HeERO Website available in all MS partner languages	30/06/2016	Language verified by MS partners, final verification by Steering Committee
15	Draft specification of eCall for HGV (including Dangerous Goods)	31/03/2017	Document produced for submission to INEA, verified by the I_HeERO Steering Committee

16	Prototype IVS and PSAP to demonstrate feasibility of eCall for HGV	31/03/2017	Prototype vehicle produced and verified by the I_HeERO Steering Committee
17	Draft specification of eCall for buses/coaches	31/07/2017	Document produced for submission to INEA, verified by the I_HeERO Steering Committee
18	Final specification of interfaces for eCall for HGV (including Dangerous Goods)	30/09/2017	Final Document produced for submission to INEA, verified by the I_HeERO Steering Committee
19	Final specification of interfaces for eCall for buses/coaches	30/07/2017	Final Document produced for submission to INEA, verified by the I_HeERO Steering Committee
20	Recommendation to adjust type-approval and potential amendments to legislation	30/08/2017	Final Document produced for submission to INEA, verified by the I_HeERO Steering Committee
21	Recommendations for implementation of eCall with neighbouring countries	31/01/2017	Final Document produced and approved by the I_HeERO Steering Committee
22	List and assessment of state of the art of existing eCall systems and standards including an assessment of the relevance to P2W vehicles	31/10/2016	Logical proof of valid use case selection by expert assessment validated by I_HeERO Steering Committee
23	List /set of use cases for P2W eCall	31/07/2016	Logical proof of valid use case selection by expert assessment validated by I_HeERO Steering Committee
24	Proposal for conformity with CEN	30/10/2017	Workshop result presentation validated by CEN278 WG15

25	MSD table for P2W for PSAPs	31/07/2017	Workshop result with selected PASP's presentation validated by CEN278 WG15
26	Basic architecture recommendation document	31/10/2017	Demonstration of prototype functionality at selected event validation of the machine at the event validated by the Steering Committee
27	Documented analysis of possible determination of injury severity	31/10/2017	Prove of concept by expert assessment validation by the expert, and the I_HeERO Steering Committee
28	State of the art definition of a eCall equipped Powered 2 Wheel prototype	31/10/2017	Validated by ACEM as the motorcycle industry representative body
29	Homologation process proposal for retrofit solutions	31/10/2017	Demonstration of prototype functionality at selected event validation of the machine at the event
30	Communication between PSAP to enable eCall MSD handling	30/09/2016	Verification report details the data stream validated by the I_HeERO Steering Committee
31	Communication between private Control Rooms and 112 PSAP to exchange eCall MSD EN16102	30/03/2017	Verification report details the data stream validated by the I_HeERO Steering Committee
32	Situational awareness of the eCall incident through Earth observation data	30/09/2016	Verification report details the data stream validated by the I_HeERO Steering Committee
33	Security and integrity of the eCall data and transmission	31/08/2017	Verification report concerning the security and integrity of eCall Data verified by the

			I_HeERO Steering Committee
34	Study of different sets of data to be included in MSD extended package, outside the "dangerous goods and HGV" environment	31/08/2017	Verification linked with Main Activity 2 link with the demonstration, and the production of a report verified by the I_HeERO Steering Committee
35	Study the integration with EUCARIS or comparable national registry for those countries who were not yet its members during the HeERO and HeERO 2 projects	31/08/2017	Verification across the study sites, with demonstration validated by the EUCARIS implementing team based in the Netherlands
36	NG112 eCall requirements defined	29/02/2016	Verification report concerning the next generation of 112 to be linked with and build on existing ETSI and 3GGP publications verified in conjunction with ETSI and 3GGP
37	NG112 eCall draft specification finished	31/07/2016	Verification production of the draft specification as a report, validated by the steering committee
38	NG112 prototype to demonstrate feasibility	30/12/2017	Verification demonstration linked with the production of the report, validated by the I_HeERO Steering Committee
39	NG112 Input to standardisation bodies provided. CEN documentation detailing the necessary changes published for future standards (eCall P2W and eCall HGV).	30/12/2017	Verification report with comments, validated by CEN278 WG15
40	Establish Webinar facility in line with the Dissemination plan	30/09/2017	GoToWebinar Licence record validated by the I_HeERO Steering Committee

41	Hold monthly webinar for associate partners of the project	30/09/2017	The GoToMeeting application will provide verification that the events took place validated by the I_HeERO Steering Committee
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## **ANNEX II**

### **GENERAL CONDITIONS**

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## **PART A – LEGAL AND ADMINISTRATIVE PROVISIONS**

### **ARTICLE II.1 – GENERAL OBLIGATIONS AND ROLES OF THE BENEFICIARIES**

#### **II.1.1 General obligations and role of the beneficiaries**

The beneficiaries shall:

- (a) be jointly and severally responsible for carrying out the action in accordance with the terms and conditions of the Agreement;
- (b) be responsible for complying with any legal obligations incumbent on them jointly or individually under applicable EU, international and national law;
- (c) make appropriate internal arrangements for the proper implementation of the action, consistent with the provisions of this Agreement; where provided for in the Special Conditions, those arrangements shall take the form of an internal co-operation agreement between the beneficiaries.

#### **II.1.2 General obligations and role of each beneficiary**

Each beneficiary shall:

- (a) inform the coordinator immediately of any change likely to affect or delay the implementation of the action of which the beneficiary is aware;
- (b) inform the coordinator immediately of any change in its legal, financial, technical, organisational or ownership situation or of its affiliated entities and of any change in its name, address or legal representative or of its affiliated entities;
- (c) submit in due time to the coordinator:
  - (i) the data needed to draw up the reports, financial statements and other documents provided for in the Agreement;
  - (ii) all the necessary documents in the event of audits, checks or evaluation in accordance with Article II.27;
  - (iii) any other information to be provided to the Agency according to the Agreement, except where the Agreement requires that such information is submitted directly by the beneficiary to the Agency.

#### **II.1.3 General obligations and role of the coordinator**

The coordinator shall:

- (a) monitor that the action is implemented in accordance with the Agreement;

- (b) be the intermediary for all communications between the beneficiaries and the Agency, except where provided otherwise in the Agreement, and, in particular, the coordinator shall:
  - (i) immediately provide the Agency with the information related to any change in the name, address, legal representative as well as in the legal, financial, technical, organisational or ownership situation of any of the beneficiaries or of its affiliated entities, or to any event likely to affect or delay the implementation of the action, of which the coordinator is aware;
  - (ii) bear responsibility for supplying all documents and information to the Agency which may be required under the Agreement, except where provided otherwise in the Agreement; this includes responsibility for submitting the deliverables identified in Annex I, in accordance with the timing and conditions set out in it; where information is required from the other beneficiaries, the coordinator shall bear responsibility for obtaining and verifying this information before passing it on to the Agency;
- (c) make the appropriate arrangements for providing any financial guarantees required under the Agreement;
- (d) establish the requests for payment in accordance with the Agreement;
- (e) ensure that all the appropriate payments are made to the other beneficiaries without unjustified delay;
- (f) bear responsibility for providing all the necessary documents in the event of checks and audits initiated before the payment of the balance, and in the event of evaluation in accordance with Article II.27.

The coordinator shall not subcontract any part of its tasks to the other beneficiaries or to any other party.

## **ARTICLE II.2 – COMMUNICATIONS BETWEEN THE PARTIES**

### **II.2.1 Form and means of communications**

Any communication relating to the Agreement or to its implementation shall be made in writing (in paper or electronic form), shall bear the number of the Agreement and shall be made using the communication details identified in Article 6.

Electronic communications shall be confirmed by an original signed paper version of that communication if requested by any of the parties provided that this request is submitted without unjustified delay. The sender shall send the original signed paper version without unjustified delay.

Formal notifications shall be made by registered mail with return receipt or equivalent, or by equivalent electronic means.

### **II.2.2 Date of communications**

Any communication is deemed to have been made when it is received by the receiving party, unless the agreement refers to the date when the communication was sent.

Electronic communication is deemed to have been received by the receiving party on the day of successful dispatch of that communication, provided that it is sent to the addressees listed in Article 6. Dispatch shall be deemed unsuccessful if the sending party receives a message of non-delivery. In this case, the sending party shall immediately send again such communication to any of the other addresses listed in Article 6. In case of unsuccessful dispatch, the sending party shall not be held in breach of its obligation to send such communication within a specified deadline.

Mail sent to the Agency using the postal services is considered to have been received by the Agency on the date on which it is registered by the department identified in Article 6.2.

Formal notifications made by registered mail with return receipt or equivalent, or by equivalent electronic means, shall be considered to have been received by the receiving party on the date of receipt indicated on the return receipt or equivalent.

### **ARTICLE II.3 – LIABILITY FOR DAMAGES**

**II.3.1** The Agency shall not be held liable for any damage caused or sustained by any of the beneficiaries, including any damage caused to third parties as a consequence of or during the implementation of the action.

**II.3.2** Except in cases of force majeure, the beneficiaries shall compensate the Agency for any damage sustained by it as a result of the implementation of the action or because the action was not implemented or implemented poorly, partially or late.

### **ARTICLE II.4 - CONFLICT OF INTERESTS**

**II.4.1** The beneficiaries shall take all necessary measures to prevent any situation where the impartial and objective implementation of the Agreement is compromised for reasons involving economic interest, political or national affinity, family or emotional ties or any other shared interest (“conflict of interests”).

**II.4.2** Any situation constituting or likely to lead to a conflict of interests during the implementation of the Agreement shall be notified to the Agency, in writing, without delay. The beneficiaries shall immediately take all the necessary steps to rectify this situation. The Agency reserves the right to verify that the measures taken are appropriate and may require additional measures to be taken within a specified deadline.

### **ARTICLE II.5 – CONFIDENTIALITY**

**II.5.1** The Agency and the beneficiaries shall preserve the confidentiality of any information and documents, in any form, which are disclosed in writing or orally in relation to the implementation of the Agreement and which are explicitly indicated in writing as

confidential.

**II.5.2** The beneficiaries shall not use confidential information and documents for any reason other than fulfilling their obligations under the Agreement, unless otherwise agreed with the Agency in writing.

**II.5.3** The Agency and the beneficiaries shall be bound by the obligations referred to in Articles II.5.1 and II.5.2 during the implementation of the Agreement and for a period of five years starting from the payment of the balance, unless:

- (a) the party concerned agrees to release the other party from the confidentiality obligations earlier;
- (b) the confidential information becomes public through other means than in breach of the confidentiality obligation through disclosure by the party bound by that obligation;
- (c) the disclosure of the confidential information is required by law.

## **ARTICLE II.6 – PROCESSING OF PERSONAL DATA**

### **II.6.1 Processing of personal data by the Agency**

Any personal data included in the Agreement shall be processed by the Agency pursuant to Regulation (EC) No 45/2001 of the European Parliament and of the Council of 18 December 2000 on the protection of individuals with regard to the processing of personal data by the Community institutions and bodies and on the free movement of such data.

Such data shall be processed by the data controller identified in Article 6.1 solely for the purposes of the implementation, management and monitoring of the Agreement, without prejudice to possible transmission to the bodies charged with the monitoring or inspection tasks in application of Union law.

The beneficiaries shall have the right of access to their personal data and the right to rectify any such data. Should the beneficiaries have any queries concerning the processing of their personal data, they shall address them to the data controller, identified in Article 6.1.

The beneficiaries shall have the right of recourse at any time to the European Data Protection Supervisor.

### **II.6.2 Processing of personal data by the beneficiaries**

Where the Agreement requires the processing of personal data by the beneficiaries, the beneficiaries may act only under the supervision of the data controller identified in Article 6.1, in particular with regard to the purpose of the processing, the categories of data which may be processed, the recipients of the data and the means by which the data subject may exercise his or her rights.

The access to data that the beneficiaries grant to their personnel shall be limited to the extent

strictly necessary for the implementation, management and monitoring of the Agreement.

The beneficiaries undertake to adopt appropriate technical and organisational security measures having regard to the risks inherent in the processing and to the nature of the personal data concerned, in order to:

- (a) prevent any unauthorised person from gaining access to computer systems processing personal data, and especially:
  - (i) unauthorised reading, copying, alteration or removal of storage media;
  - (ii) unauthorised data input as well as any unauthorised disclosure, alteration or erasure of stored personal data;
  - (iii) unauthorised persons from using data-processing systems by means of data transmission facilities;
- (b) ensure that authorised users of a data-processing system can access only the personal data to which their access right refers;
- (c) record which personal data have been communicated, when and to whom;
- (d) ensure that personal data being processed on behalf of third parties can be processed only in the manner prescribed by the Agency;
- (e) ensure that, during communication of personal data and transport of storage media, the data cannot be read, copied or erased without authorisation;
- (f) design their organisational structure in such a way that it meets data protection requirements.

## **ARTICLE II.7 – VISIBILITY OF UNION FUNDING**

### **II.7.1 Information on Union funding and use of European Union emblem**

Unless the Agency requests or agrees otherwise, any communication or publication related to the action, made by the beneficiaries jointly or individually, including at conferences, seminars or in any information or promotional materials (such as brochures, leaflets, posters, presentations, etc.), shall indicate that the action has received funding from the Union and shall display the European Union emblem.

When displayed in association with another logo, the European Union emblem must have appropriate prominence.

The obligation to display the European Union emblem does not confer to the beneficiaries a right of exclusive use. The beneficiaries shall not appropriate the European Union emblem or any similar trademark or logo, either by registration or by any other means.

For the purposes of the first, second and third subparagraphs and under the conditions

specified therein, the beneficiaries are exempted from the obligation to obtain prior permission from the Agency to use the European Union emblem.

#### **II.7.2 Disclaimers excluding Agency responsibility**

Any communication or publication related to the action, made by the beneficiaries jointly or individually in any form and using any means, shall indicate that it reflects only the author's view and that the Agency is not responsible for any use that may be made of the information it contains.

### **ARTICLE II.8 – PRE-EXISTING RIGHTS AND OWNERSHIP AND USE OF THE RESULTS (INCLUDING INTELLECTUAL AND INDUSTRIAL PROPERTY RIGHTS)**

#### **II.8.1 Ownership of the results by the beneficiaries**

Unless stipulated otherwise in the Agreement, ownership of the results of the action, including industrial and intellectual property rights, and of the reports and other documents relating to it, shall be vested in the beneficiaries.

#### **II.8.2 Pre-existing industrial and intellectual property rights**

Where industrial and intellectual property rights, including rights of third parties, exist prior to the conclusion of the Agreement, the beneficiaries shall establish a list which shall specify all rights of ownership and use of the pre-existing industrial and intellectual property rights and disclose it to the Agency at the latest before the commencement of implementation.

The beneficiaries shall ensure that they or their affiliated entities have all the rights to use any pre-existing industrial and intellectual property rights during the implementation of the Agreement.

#### **II.8.3 Rights of use of the results and of pre-existing rights by the Agency**

Without prejudice to Articles II.1.1, II.3 and II.8.1, the beneficiaries grant the Agency the right to use the results of the action for the following purposes:

- (a) use for its own purposes, and in particular, making available to persons working for the Agency, Union institutions, other Union agencies and bodies and to Member States' institutions, as well as copying and reproducing in whole or in part and in unlimited number of copies;
- (b) distribution to the public, and in particular, publication in hard copies and in electronic or digital format, publication on the internet, including on the Europa website, as a downloadable or non-downloadable file, broadcasting by any kind of technique of transmission, public display or presentation, communication through press information services, inclusion in widely accessible databases or indexes;
- (c) translation;

- (d) giving access upon individual requests without the right to reproduce or exploit, as provided for by Regulation (EC) No 1049/2001 of the European Parliament and of the Council of 30 May 2001 regarding public access to European Parliament, Council and Commission documents;
- (e) storage in paper, electronic or other format;
- (f) archiving in line with the document management rules applicable to the Agency;
- (g) rights to authorise or sub-licence the modes of exploitation set out in points (b) and (c) to third parties.

Additional rights of use for the Agency may be provided for in the Special Conditions.

The beneficiaries shall warrant that the Agency has the right to use any pre-existing industrial and intellectual property rights, which have been included in the results of the action. Unless specified otherwise in the Special Conditions, those pre-existing rights shall be used for the same purposes and under the same conditions applicable to the rights of use of the results of the action.

Information about the copyright owner shall be inserted when the result is divulged by the Agency. The copyright information shall read: "© – [year] – [name of the copyright owner]. All rights reserved. Licenced to the Innovation and Networks Executive Agency under conditions.".

## **ARTICLE II.9 – AWARD OF CONTRACTS NECESSARY FOR THE IMPLEMENTATION OF THE ACTION**

**II.9.1** Where the implementation of the action requires the procurement of goods, works or services, the beneficiaries shall award the contract to the tender offering best value for money or, as appropriate, to the tender offering the lowest price. In doing so, they shall avoid any conflict of interests.

The beneficiaries shall ensure that the Agency, the Commission, the European Anti-Fraud Office (OLAF) and the European Court of Auditors may exercise their rights under Article II.27 also towards the contractor.

**II.9.2** Beneficiaries acting in their capacity of contracting authorities within the meaning of Directive 2004/18/EC of the European Parliament and of the Council of 31 March 2004 on the coordination of procedures for the award of public work contracts, public supply contracts and public service contracts or contracting entities within the meaning of Directive 2004/17/EC of the European Parliament and of the Council of 31 March 2004 coordinating the procurement procedures of entities operating in the water, energy, transport and postal services sectors shall abide by the applicable national public procurement rules.

**II.9.3** The beneficiaries shall retain sole responsibility for carrying out the action and for compliance with the provisions of the Agreement. The beneficiaries shall ensure that any procurement contract contains provisions stipulating that the contractor has no

rights vis-à-vis the Agency under the Agreement.

**II.9.4** The beneficiaries shall ensure that the conditions applicable to them under Articles II.3, II.4, II.5 and II.8 are also applicable to the contractor.

**II.9.5** Where, in accordance with Article 3(a), the grant takes the form of the reimbursement of eligible costs:

- If a beneficiary breaches any of its obligations under Article II.9.1, the costs related to the contract concerned shall be ineligible;
- If a beneficiary breaches any of its obligations under Article II.9.2, II.9.3 or II.9.4, the grant may be reduced in proportion to the seriousness of the breach of obligations.

Where, in accordance with Article 3(b), (c) or (d) the grant takes the form of a unit, lump sum or flat-rate contribution, if a beneficiary breaches any of its obligations under Article II.9.1, II.9.2, II.9.3 or II.9.4, the grant may be reduced in proportion to the seriousness of the breach of obligations.

## **ARTICLE II.10 – SUBCONTRACTING OF TASKS FORMING PART OF THE ACTION**

**II.10.1** A "subcontract" is a procurement contract within the meaning of Article II.9, which covers the implementation by a third party of tasks forming part of the action as described in Annex I.

**II.10.2** Beneficiaries may subcontract tasks forming part of the action, provided that, in addition to the conditions specified in Article II.9.1, the following conditions are complied with:

- (a) subcontracting only covers the implementation of a limited part of the action;
- (b) recourse to subcontracting is justified having regard to the nature of the action and what is necessary for its implementation;
- (c) not applicable;
- (d) any recourse to subcontracting, if not provided for in Annex I, is communicated by the coordinator and approved by the Agency without prejudice to Article II.12.2.

**II.10.3** Beneficiaries acting in their capacity of contracting authorities within the meaning of Directive 2004/18/EC of the European Parliament and of the Council of 31 March 2004 on the coordination of procedures for the award of public work contracts, public supply contracts and public service contracts or contracting entities within the meaning of Directive 2004/17/EC of the European Parliament and of the Council of 31 March 2004 coordinating the procurement procedures of entities operating in the water, energy, transport and postal services sectors shall abide by the applicable



national public procurement rules.

**II.10.4** The beneficiaries shall retain sole responsibility for carrying out the action and for compliance with the provisions of the Agreement. The beneficiaries shall ensure that any subcontract contains provisions stipulating that the subcontractor has no rights vis-à-vis the Agency under the Agreement.

**II.10.5** The beneficiaries shall ensure that the conditions applicable to them under Articles II.3, II.4, II.5, II.7 and II.8 are also applicable to the subcontractor.

**II.10.6** Where, in accordance with Article 3(a), the grant takes the form of the reimbursement of eligible costs:

- If a beneficiary breaches any of its obligations under Article II.10.2, the costs related to the subcontract concerned shall be ineligible;
- If a beneficiary breaches any of its obligations under Article II.10.3, II.10.4 or II.10.5, the grant may be reduced in proportion to the seriousness of the breach of obligations.

Where, in accordance with Article 3(b), (c) or (d) the grant takes the form of a unit, lump sum or flat-rate contribution if a beneficiary breaches any of its obligations under Article II.10.2, II.10.3, II.10.4 or II.10.5, the grant may be reduced in proportion to the seriousness of the breach of obligations.

## **ARTICLE II.11 - FINANCIAL SUPPORT TO THIRD PARTIES**

**II.11.1** Where the implementation of the action requires giving financial support to third parties, the beneficiaries shall give such financial support in accordance with the conditions specified in Annex I, which shall at least contain:

- (a) the maximum amount of financial support, which shall not exceed EUR 60 000 for each third party except where the financial support is the primary aim of the action as specified in Annex I;
- (b) the criteria for determining the exact amount of the financial support;
- (c) the different types of activity that may receive financial support, on the basis of a fixed list;
- (d) the definition of the persons or categories of persons which may receive financial support;
- (e) the criteria for giving the financial support.

The beneficiaries shall ensure that the Agency, the Commission, the European Anti-Fraud Office (OLAF) and the European Court of Auditors may exercise their rights under Article II.27 also towards the third parties receiving financial support.

**II.11.2** By way of derogation from Article II.11.1, in case the financial support takes the form of a prize, the beneficiaries shall give such financial support in accordance with the conditions specified in Annex I, which shall at least contain:

- (a) the conditions for participation;
- (b) the award criteria;
- (c) the amount of the prize;
- (d) the payment arrangements.

The beneficiaries shall ensure that the Agency, the Commission, the European Anti-Fraud Office (OLAF) and the European Court of Auditors may exercise their rights under Article II.27 also towards the third parties receiving a prize.

**II.11.3** The beneficiaries shall ensure that the conditions applicable to them under Articles II.3, II.4, II.5, II.7 and II.8 are also applicable to the third parties receiving financial support.

**II.11.4** Where, in accordance with Article 3(a), the grant takes the form of the reimbursement of eligible costs:

- If a beneficiary breaches any of its obligations under Article II.11.1 or II.11.2, the costs related to the financial support shall be ineligible;
- If a beneficiary breaches any of its obligations under Article II.11.3, the grant may be reduced in proportion to the seriousness of the breach of obligations.

Where, in accordance with Article 3(b), (c) or (d) the grant takes the form of a unit, lump sum or flat-rate contribution if a beneficiary breaches any of its obligations under Article II.11.1 II.11.2 or II.11.3, the grant may be reduced in proportion to the seriousness of the breach of obligations.

## **ARTICLE II.12 – AMENDMENTS TO THE AGREEMENT**

**II.12.1** Any amendment to the Agreement shall be made in writing.

**II.12.2** An amendment may not have the purpose or the effect of making changes to the Agreement which would call into question the decision awarding the grant or be contrary to the equal treatment of applicants.

**II.12.3** Any request for amendment shall be duly justified and shall be sent to the other party in due time before it is due to take effect, and in any case three months before the end of the period set out in Article 2.2, except in cases duly substantiated by the party requesting the amendment and accepted by the other party.

**II.12.4** A request for amendment on behalf of the beneficiaries shall be submitted by the coordinator. If a change of coordinator is requested without its agreement, the request

shall be jointly submitted by all other beneficiaries or shall be submitted by a beneficiary acting on behalf of all beneficiaries.

- II.12.5** Amendments shall enter into force on the date on which the last party signs or on the date of approval of the request for amendment.

Amendments shall take effect on a date agreed by the parties or, in the absence of such an agreed date, on the date on which the amendment enters into force.

## **ARTICLE II.13 – ASSIGNMENT OF CLAIMS FOR PAYMENTS TO THIRD PARTIES**

- II.13.1** Claims for payments of the beneficiaries against the Agency may not be assigned to third parties, except in duly justified cases where the situation warrants it.

The assignment shall only be enforceable against the Agency if it has accepted the assignment on the basis of a written and reasoned request to that effect made by the coordinator on behalf of the beneficiaries.

In the absence of such an acceptance, or in the event of failure to observe the terms thereof, the assignment shall have no effect on the Agency.

- II.13.2** In no circumstances shall such an assignment release the beneficiaries from their obligations towards the Agency.

## **ARTICLE II.14 – FORCE MAJEURE**

- II.14.1** "*Force majeure*" shall mean any unforeseeable exceptional situation or event beyond the parties' control, which prevents either of them from fulfilling any of their obligations under the Agreement, which was not attributable to error or negligence on their part or on the part of subcontractors, affiliated entities, implementing bodies or third parties involved in the implementation and which proves to be inevitable in spite of exercising all due diligence. Any default of a service, defect in equipment or material or delays in making them available, unless they stem directly from a relevant case of force majeure, as well as labour disputes, strikes or financial difficulties cannot be invoked as *force majeure*.

- II.14.2** A party faced with *force majeure* shall formally notify the other party without delay, stating the nature, likely duration and foreseeable effects.

- II.14.3** The parties shall take the necessary measures to limit any damage due to *force majeure*. They shall do their best to resume the implementation of the action as soon as possible.

- II.14.4** The party faced with *force majeure* shall not be held to be in breach of its obligations under the Agreement if it has been prevented from fulfilling them by *force majeure*.

## **ARTICLE II.15 – SUSPENSION OF THE IMPLEMENTATION OF THE ACTION**



### **II.15.1 Suspension of the implementation by the beneficiaries**

The coordinator, on behalf of the beneficiaries, may suspend the implementation of the action or any part thereof, if exceptional circumstances make such implementation impossible or excessively difficult, in particular in the event of *force majeure*. The coordinator shall inform the Agency without delay, giving all the necessary reasons and details and the foreseeable date of resumption.

Unless the Agreement or the participation of a beneficiary is terminated in accordance with Articles II.16.1, II.16.2 or points (c) or (d) of Article II.16.3.1, the coordinator shall, once the circumstances allow resuming the implementation of the action, inform the Agency immediately and present a request for amendment of the Agreement as provided for in Article II.15.3.

### **II.15.2 Suspension of the implementation by the Agency**

#### **II.15.2.1 The Agency may suspend the implementation of the action or any part thereof:**

- (a) if the Agency has evidence that a beneficiary has committed substantial errors, irregularities or fraud in the award procedure or in the implementation of the Agreement or if a beneficiary fails to comply with its obligations under the Agreement;
- (b) if the Agency has evidence that a beneficiary has committed systemic or recurrent errors, irregularities, fraud or breach of obligations under other grants funded by the Union or the European Atomic Energy Community which were awarded to that beneficiary under similar conditions, provided that those errors, irregularities, fraud or breach of obligations have a material impact on this grant;
- (c) if the Agency suspects substantial errors, irregularities, fraud or breach of obligations committed by a beneficiary in the award procedure or in the implementation of the Agreement and needs to verify whether they have actually occurred;
- (d) following an evaluation of the progress of the project, in particular in the event of major delays in the implementation of the action; or
- (e) if the Agency does not receive all the documents required under Directive 2011/92/EU on the assessment of the effects of certain public and private projects on the environment, Directive 2009/147/EC on the conservation of wild birds, Directive 92/43/EEC on the conservation of natural habitats and of wild fauna and flora, Directive 2000/60/EC establishing a framework for Community policy in the field of water, or any other relevant environmental legislation as listed in the application form (the section concerning compliance with Union policy on environmental protection).

#### **II.15.2.2 Before suspending the implementation the Agency shall formally notify the**

coordinator of its intention to suspend, specifying the reasons thereof, and, in the cases referred to in points (a), (b), (d) and (e) of Article II.15.2.1, the necessary conditions for resuming the implementation. The coordinator shall be invited to submit observations on behalf of all beneficiaries within 30 calendar days from receipt of this notification.

If, after examination of the observations submitted by the coordinator, the Agency decides to stop the suspension procedure, it shall formally notify the coordinator thereof.

If no observations have been submitted or if, despite the observations submitted by the coordinator, the Agency decides to pursue the suspension procedure, it may suspend the implementation by formally notifying the coordinator thereof, specifying the reasons for the suspension and, in the cases referred to in points (a), (b), (d) and (e) of Article II.15.2.1, the definitive conditions for resuming the implementation or, in the case referred to in point (c) of Article II.15.2.1, the indicative date of completion of the necessary verification.

The coordinator shall inform the other beneficiaries immediately. The suspension shall take effect five calendar days after the receipt of the notification by the coordinator or on a later date, where the notification so provides.

In order to resume the implementation, the beneficiaries shall endeavour to meet the notified conditions as soon as possible and shall inform the Agency of any progress made in this respect.

Unless the Agreement or the participation of a beneficiary is terminated in accordance with Articles II.16.1, II.16.2 or points (c), (i), (j), (k) or (m) of Article II.16.3.1, the Agency shall, as soon as it considers that the conditions for resuming the implementation have been met or the necessary verification, including on-the-spot checks, has been carried out, formally notify the coordinator thereof and invite the coordinator to present a request for amendment of the Agreement as provided for in Article II.15.3.

### **II.15.3 Effects of the suspension**

If the implementation of the action can be resumed and the Agreement is not terminated, an amendment to the Agreement shall be made in accordance with Article II.12 in order to establish the date on which the action shall be resumed, to extend the duration of the action and to make any other modifications that may be necessary to adapt the action to the new implementing conditions.

The suspension is deemed lifted as from the date of resumption of the action agreed by the parties in accordance with the first subparagraph. Such a date may be before the date on which the amendment enters into force.

Any costs incurred by the beneficiaries, during the period of suspension, for the implementation of the suspended action or the suspended part thereof, shall not be reimbursed or covered by the grant.

The right of the Agency to suspend the implementation is without prejudice to its right to terminate the Agreement or the participation of a beneficiary in accordance with Article II.16.3 and its right to reduce the grant or recover amounts unduly paid in accordance with Articles II.25.4 and II.26.

Neither party shall be entitled to claim compensation on account of a suspension by the other party.

## **ARTICLE II.16 – TERMINATION OF THE AGREEMENT**

### **II.16.1 Termination of the Agreement by the coordinator**

In duly justified cases, the coordinator, on behalf of all beneficiaries, may terminate the Agreement by formally notifying the Agency thereof, stating clearly the reasons and specifying the date on which the termination shall take effect. The notification shall be sent before the termination is due to take effect.

If no reasons are given or if the Agency considers that the reasons exposed cannot justify the termination, it shall formally notify the coordinator, specifying the grounds thereof, and the Agreement shall be deemed to have been terminated improperly, with the consequences set out in the fourth subparagraph of Article II.16.4.1.

### **II.16.2 Termination of the participation of one or more beneficiaries by the coordinator**

In duly justified cases, the participation of any one or several beneficiaries in the Agreement may be terminated by the coordinator, acting on request of that beneficiary or those beneficiaries, or on behalf of all the other beneficiaries. When notifying such termination to the Agency, the coordinator shall include the reasons for the termination of the participation, the opinion of the beneficiary or beneficiaries the participation of which is terminated, the date on which the termination shall take effect and the proposal of the remaining beneficiaries relating to the reallocation of the tasks of that beneficiary or those beneficiaries or, where relevant, to the nomination of one or more replacements which shall succeed that beneficiary or those beneficiaries in all their rights and obligations under the Agreement. The notification shall be sent before the termination is due to take effect.

If the coordinator's participation is terminated without its agreement, the formal notification must be done by another beneficiary (acting on behalf of the other beneficiaries).

If no reasons are given or if the Agency considers that the reasons exposed cannot justify the termination, it shall formally notify the coordinator, specifying the grounds thereof, and the participation shall be deemed to have been terminated improperly, with the consequences set out in the fourth subparagraph of Article II.16.4.1.

Without prejudice to Article II.12.2, an amendment to the Agreement shall be made, in order to introduce the necessary modifications.

### **II.16.3 Termination of the Agreement or the participation of one or more beneficiaries by the Agency**

**II.16.3.1** The Agency may decide to terminate the Agreement or the participation of any one or several beneficiaries participating in the action, in the following circumstances:

- (a) if a change to the beneficiary's legal, financial, technical, organisational or ownership situation is likely to affect the implementation of the Agreement substantially or calls into question the decision to award the grant;
- (b) if, following the termination of the participation of any one or several beneficiaries, the necessary modifications to the Agreement would call into question the decision awarding the grant or would result in unequal treatment of applicants;
- (c) if the beneficiaries do not implement the action as specified in Annex I or if a beneficiary fails to comply with another substantial obligation incumbent on it under the terms of the Agreement;
- (d) in the event of *force majeure*, notified in accordance with Article II.14, or in the event of suspension by the coordinator as a result of exceptional circumstances, notified in accordance with Article II.15, where resuming the implementation is impossible or where the necessary modifications to the Agreement would call into question the decision awarding the grant or would result in unequal treatment of applicants;
- (e) if a beneficiary is declared bankrupt, is being wound up, is having its affairs administered by the courts, has entered into an arrangement with creditors, has suspended business activities, is the subject of any other similar proceedings concerning those matters, or is in an analogous situation arising from a similar procedure provided for in national legislation or regulations;
- (f) if a beneficiary or any related person, as defined in the second subparagraph, have been found guilty of professional misconduct proven by any means;
- (g) if a beneficiary is not in compliance with its obligations relating to the payment of social security contributions or the payment of taxes in accordance with the legal provisions of the country in which it is established or in which the action is implemented;
- (h) if the Agency has evidence that a beneficiary or any related person, as defined in the second subparagraph, have committed fraud, corruption, or are involved in a criminal organisation, money laundering or any other illegal activity detrimental to the Union's financial interests;
- (i) if the Agency has evidence that a beneficiary or any related person, as defined in the second subparagraph, have committed substantial errors, irregularities or fraud in the award procedure or in the implementation of the Agreement, including in the event of submission of false information or

failure to submit required information in order to obtain the grant provided for in the Agreement;

- (j) if the Agency has evidence that a beneficiary has committed systemic or recurrent errors, irregularities, fraud or breach of obligations under other grants funded by the Union or the European Atomic Energy Community which were awarded to that beneficiary under similar conditions, provided that those errors, irregularities, fraud or breach of obligations have a material impact on this grant;
- (k) following an evaluation of the progress of the project, in particular in the event of major delays in the implementation of the action;
- (l) if the action has not started within two years of the starting date set out in Article 2.2 or, for grants for studies, if the action has not started within one year of the starting date set out in Article 2.2;
- (m) if the Agency does not receive all the documents required under Directive 2011/92/EU on the assessment of the effects of certain public and private projects on the environment, Directive 2009/147/EC on the conservation of wild birds, Directive 92/43/EEC on the conservation of natural habitats and of wild fauna and flora, Directive 2000/60/EC establishing a framework for Community policy in the field of water, or any other relevant environmental legislation as listed in the application form (the section concerning compliance with Union policy on environmental protection).

For the purposes of points (f), (h) and (i), "any related person" shall mean any natural person who has the power to represent the beneficiary or to take decisions on its behalf.

**II.16.3.2** Before terminating the Agreement or the participation of any one or several beneficiaries, the Agency shall formally notify the coordinator of its intention to terminate, specifying the reasons thereof and inviting the coordinator, within 45 calendar days from receipt of the notification, to submit observations on behalf of all beneficiaries and, in the case of point (c) of Article II.16.3.1, to inform the Agency about the measures taken to ensure that the beneficiaries continue to fulfil their obligations under the Agreement.

If, after examination of the observations submitted by the coordinator, the Agency decides to stop the termination procedure, it shall formally notify the coordinator thereof.

If no observations have been submitted or if, despite the observations submitted by the coordinator, the Agency decides to pursue the termination procedure, it may terminate the Agreement or the participation of any one or several beneficiaries by formally notifying the coordinator thereof, specifying the reasons for the termination.

In the cases referred to in points (a), (b), (c), (e), (g) and (k) of Article II.16.3.1,



the formal notification shall specify the date on which the termination takes effect. In the cases referred to in points (d), (f), (h), (i), (j), (l) and (m) of Article II.16.3.1, the termination shall take effect on the day following the date on which the formal notification was received by the coordinator.

#### **II.16.4 Effects of termination**

**II.16.4.1** Where the Agreement is terminated, payments by the Agency shall be limited to the amount determined in accordance with Article II.25 on the basis of the eligible costs incurred by the beneficiaries and the actual level of implementation of the action on the date when the termination takes effect. Costs relating to current commitments, which are not due for execution until after the termination, shall not be taken into account. The coordinator shall have 60 days from the date when the termination of the Agreement takes effect, as provided for in Articles II.16.1 and II.16.3.2, to produce a request for payment of the balance in accordance with Article II.23.2. If no request for payment of the balance is received within this time limit, the Agency shall not reimburse or cover any costs which are not included in a financial statement approved by it or which are not justified in an ASR or the final report approved by it. In accordance with Article II.26, the Agency shall recover any amount already paid, if its use is not substantiated by ASRs or the final report and, where applicable, by the financial statements approved by the Agency.

Where the participation of a beneficiary is terminated the beneficiary concerned shall submit to the coordinator an ASR and, where applicable, a financial statement covering the period from the end of the last reporting period according to Article 4.1.1 for which a report has been submitted to the Agency to the date on which the termination takes effect. The ASR and the financial statement shall be submitted in due time to allow the coordinator to draw up the corresponding payment request. Only those costs incurred by the beneficiary concerned up to the date when termination of its participation takes effect shall be reimbursed or covered by the grant. Costs relating to current commitments, which were not due for execution until after the termination, shall not be taken into account. The request for payment for the beneficiary concerned shall be included in the next payment request submitted by the coordinator in accordance with the schedule laid down in Article 4.

Where the Agency, in accordance with point (c) of Article II.16.3.1, is terminating the Agreement on the grounds that the coordinator has failed to produce the request for payment and, after a reminder, has still not complied with this obligation within the deadline set out in Article II.23.3, the first subparagraph shall apply, subject to the following:

- (a) there shall be no additional time period from the date when the termination of the Agreement takes effect for the coordinator to produce a request for payment of the balance in accordance with Article II.23.2; and
- (b) the Agency shall not reimburse or cover any costs incurred by the beneficiaries up to the date of termination or up to the end of the period set

out in Article 2.2, whichever is the earlier, which are not included in a financial statement approved by it or which are not justified in an ASR approved by it.

In addition to the first, second and third subparagraphs, where the Agreement or the participation of a beneficiary is terminated improperly by the coordinator within the meaning of Articles II.16.1 and II.16.2, or where the Agreement or the participation of a beneficiary is terminated by the Agency on the grounds set out in points (c), (f), (h), (i), (j), (k) and (m) of Article II.16.3.1, the Agency may also reduce the grant or recover amounts unduly paid in accordance with Articles II.25.4 and II.26, in proportion to the gravity of the failings in question and after allowing the coordinator, and, where relevant, the beneficiaries concerned, to submit their observations.

**II.16.4.2** Where the Agency, in accordance with point (l) of Article II.16.3.1, is terminating the Agreement on the ground that the action has not started by the set deadline, the following shall apply:

- (a) the coordinator shall not produce a request for payment of the balance; and
- (b) the final amount of the grant shall be EUR 0 (zero euro). The Agency shall recover any amounts unduly paid in accordance with Article II.26.

**II.16.4.3** Neither party shall be entitled to claim compensation on account of a termination by the other party.

## **ARTICLE II.17 – ADMINISTRATIVE AND FINANCIAL PENALTIES**

**II.17.1** By virtue of Articles 109 and 131(4) of Regulation (EU, Euratom) No 966/2012 of the European Parliament and of the Council of 25 October 2012 on the financial rules applicable to the general budget of the Union and with due regard to the principle of proportionality, a beneficiary which has committed substantial errors, irregularities or fraud, has made false declarations in supplying required information or has failed to supply such information at the moment of the submission of the application or during the implementation of the grant, or has been found in serious breach of its obligations under the Agreement shall be liable to:

- (a) administrative penalties consisting of exclusion from all contracts and grants financed by the Union budget for a maximum of five years from the date on which the infringement is established and confirmed following a contradictory procedure with the beneficiary; and/or
- (b) financial penalties of 2% to 10% of the estimated CEF contribution it is entitled to receive, as indicated in Table 3 of Annex III as last amended or, if the grant takes exclusively the form of a lump sum, of the maximum amount of the grant as set out in Article 3.

In the event of another infringement within five years following the establishment of the first infringement, the period of exclusion under point (a) may be extended to 10

years and the range of the rate referred to in point (b) may be increased to 4% to 20%.

**II.17.2** The Agency shall formally notify the beneficiary concerned of any decision to apply such penalties.

The Agency is entitled to publish such decision under the conditions and within the limits specified in Article 109(3) of Regulation (EU, Euratom) No 966/2012.

An action may be brought against such decision before the General Court of the European Union, pursuant to Article 263 of the Treaty on the Functioning of the European Union ("TFEU").

**ARTICLE II.18 – APPLICABLE LAW, SETTLEMENT OF DISPUTES AND ENFORCEABLE DECISION**

**II.18.1** The Agreement is governed by the applicable Union law complemented, where necessary, by the law of Belgium.

**II.18.2** Pursuant to Article 272 TFEU, the General Court or, on appeal, the Court of Justice of the European Union, shall have sole jurisdiction to hear any dispute between the Union and any beneficiary concerning the interpretation, application or validity of this Agreement, if such dispute cannot be settled amicably.

**II.18.3** By virtue of Article 299 TFEU, for the purposes of recoveries within the meaning of Article II.26 or financial penalties, the Commission may adopt an enforceable decision to impose pecuniary obligations on persons other than States. An action may be brought against such decision before the General Court of the European Union pursuant to Article 263 TFEU.

## **PART B – FINANCIAL PROVISIONS**

### **ARTICLE II.19 – ELIGIBLE COSTS**

#### **II.19.1 Conditions for the eligibility of costs**

"Eligible costs" of the action are costs actually incurred by the beneficiary which meet the following criteria:

- (a) they are incurred in the period set out in Article 2.2, with the exception of costs relating to the request for payment of the balance and the corresponding supporting documents referred to in Article II.23.2.

Costs of contracts for goods, works or services or of subcontracts are considered to be incurred when the contract or subcontract (or a part of it) is executed, i.e. when the goods, works or services (including studies) are supplied, delivered or provided;

- (b) they are indicated in the estimated budget of the action set out in Annex III;
- (c) they are incurred in connection with the action as described in Annex I and are necessary for its implementation; in particular, for the costs of contracts for goods, the goods are supplied in a Member State or in any other countries where the action is implemented as described in Annex I; for the costs of contracts for works, the works are delivered in a Member State or in any other countries where the action is implemented as described in Annex I; for the costs of contracts for services (including studies), the services provided concern a Member State or any other countries where the action is implemented as described in Annex I;
- (d) they are identifiable and verifiable, in particular being recorded in the accounting records of the beneficiary and determined according to the applicable accounting standards of the country where the beneficiary is established and with the usual cost accounting practices of the beneficiary;
- (e) they comply with the requirements of applicable tax and social legislation; and
- (f) they are reasonable, justified, and comply with the principle of sound financial management, in particular regarding economy and efficiency.

#### **II.19.2 Eligible direct costs**

"Direct costs" of the action are those specific costs which are directly linked to the implementation of the action and can therefore be attributed directly to it. They may not include any indirect costs.

To be eligible, direct costs shall comply with the conditions of eligibility set out in Article II.19.1.

In particular, the following categories of costs are eligible direct costs, provided that they satisfy the conditions of eligibility set out in Article II.19.1 as well as the following

conditions:

- (a) the costs of personnel working under an employment contract with the beneficiary or an equivalent appointing act and assigned to the action, comprising actual salaries plus social security contributions and other statutory costs included in the remuneration, provided that these costs are in line with the beneficiary's usual policy on remuneration; those costs may also include additional remunerations, including payments on the basis of supplementary contracts regardless of the nature of those contracts, provided that they are paid in a consistent manner whenever the same kind of work or expertise is required, independently from the source of funding used;

The costs of natural persons working under a contract with the beneficiary other than an employment contract may be assimilated to such costs of personnel, provided that the following conditions are fulfilled:

- (i) the natural person works under the instructions of the beneficiary and, unless otherwise agreed with the beneficiary, in the premises of the beneficiary;
  - (ii) the result of the work belongs to the beneficiary; and
  - (iii) the costs are not significantly different from the costs of staff performing similar tasks under an employment contract with the beneficiary;
- (b) costs of travel and related subsistence allowances, provided that these costs are in line with the beneficiary's usual practices on travel;
- (c) the full costs of purchase of equipment and other assets shall be eligible, provided that they are treated as capital expenditure in accordance with the tax and accounting rules applicable to the beneficiary and are recorded in the fixed assets account of its balance sheet and if the asset has been purchased in accordance with Article II.9.1.

The costs of rental or lease of equipment or other assets are also eligible, provided that these costs do not exceed the depreciation costs of similar equipment or assets and are exclusive of any finance fee;

- (d) costs of consumables and supplies, provided that they are purchased in accordance with the first subparagraph of Article II.9.1 and are directly assigned to the action;
- (e) costs arising directly from requirements imposed by the Agreement (dissemination of information, specific evaluation of the action, audits, translations, reproduction), including the costs of requested financial guarantees, provided that the corresponding services are purchased in accordance with the first subparagraph of Article II.9.1;
- (f) costs entailed by service contracts, including costs of environmental studies on the protection of the environment and on compliance with the relevant Union law, provided that the corresponding services are purchased in accordance with the first subparagraph of Article II.9.1 and costs entailed by subcontracts within the meaning of Article II.10, provided that the conditions laid down in Article II.10.2 are met;

- (g) costs of financial support to third parties within the meaning of Article II.11, provided that the conditions laid down in Article II.11.1 or II.11.2 are met;
- (h) duties, taxes and charges paid by the beneficiary, notably non-deductible value added tax (VAT), provided that they are included in eligible direct costs, and unless specified otherwise in the Agreement.

### **II.19.3 Indirect costs**

"Indirect costs" of the action are those costs which are not specific costs directly linked to the implementation of the action and can therefore not be attributed directly to it. They may not include any costs identifiable or declared as eligible direct costs.

Indirect costs shall not be eligible.

### **II.19.4 Ineligible costs**

In addition to any other costs which do not fulfill the conditions set out in Article II.19.1, the following costs shall not be considered eligible:

- (a) return on capital;
- (b) debt and debt service charges;
- (c) provisions for losses or debts;
- (d) interest owed;
- (e) doubtful debts;
- (f) exchange losses;
- (g) costs of transfers from the Agency charged by the bank of a beneficiary;
- (h) costs declared by the beneficiary in the framework of another action receiving a grant financed from the Union budget (including grants awarded by a Member State and financed from the Union budget and grants awarded by other bodies than the Commission for the purpose of implementing the Union budget); in particular, indirect costs shall not be eligible under a grant for an action awarded to a beneficiary which already receives an operating grant financed from the Union budget during the period in question;
- (i) contributions in kind from third parties;
- (j) excessive or reckless expenditure;
- (k) deductible VAT;
- (l) costs of land and building acquisition (including expropriation costs).

## **ARTICLE II.20 – IDENTIFIABILITY AND VERIFIABILITY OF THE AMOUNTS DECLARED**

### **II.20.1 Reimbursement of actual costs**

Where, in accordance with Article 3(a)(i), the grant takes the form of the reimbursement of actual costs, the beneficiary must declare as eligible costs the costs it actually incurred for the action.

If requested to do so in the context of the checks or audits described in Article II.27, the beneficiary must be able to provide adequate supporting documents to prove the costs declared, such as contracts, invoices and accounting records. In addition, the beneficiary's usual accounting and internal control procedures must permit direct reconciliation of the amounts declared with the amounts recorded in its accounting statements as well as with the amounts indicated in the supporting documents.

### **II.20.2 Reimbursement of pre-determined unit costs or pre-determined unit contribution**

Where, in accordance with Article 3(a)(ii) or (b), the grant takes the form of the reimbursement of unit costs or of a unit contribution, the beneficiary must declare as eligible costs or as requested contribution the amount obtained by multiplying the amount per unit specified in Article 3(a)(ii) or (b) by the actual number of units used or produced.

If requested to do so in the context of the checks or audits described in Article II.27, the beneficiary must be able to provide adequate supporting documents to prove the number of units declared. However, the beneficiary does not need to identify the actual eligible costs covered or to provide supporting documents, notably accounting statements, to prove the amount declared per unit.

### **II.20.3 Reimbursement of pre-determined lump sum costs or pre-determined lump sum contribution**

Where, in accordance with Article 3(a)(iii) or (c), the grant takes the form of the reimbursement of lump sum costs or of a lump sum contribution, the beneficiary must declare as eligible costs or as requested contribution the global amount specified in Article 3(a)(iii) or (c), subject to the proper implementation of the corresponding tasks or part of the action as described in Annex I.

If requested to do so in the context of the checks or audits described in Article II.27, the beneficiary must be able to provide adequate supporting documents to prove the proper implementation. However, the beneficiary does not need to identify the actual eligible costs covered or to provide supporting documents, notably accounting statements, to prove the amount declared as lump sum.

### **II.20.4 Reimbursement of pre-determined flat-rate costs or pre-determined flat-rate contribution**

Where, in accordance with Article 3(a)(iv) or (d), the grant takes the form of the reimbursement of flat-rate costs or of a flat-rate contribution, the beneficiary must declare as eligible costs or as requested contribution the amount obtained by applying the flat rate specified in Article 3(a)(iv) or (d).

If requested to do so in the context of the checks or audits described in Article II.27, the beneficiary must be able to provide adequate supporting documents to prove the eligible costs or requested contribution to which the flat rate applies. However, the beneficiary does not need to identify the actual eligible costs covered or to provide supporting documents, notably accounting statements, for the flat rate applied.

#### **II.20.5 Reimbursement of costs declared on the basis of the beneficiary's usual cost accounting practices**

Where, in accordance with Article 3(a)(v), the grant takes the form of the reimbursement of unit costs declared on the basis of the beneficiary's usual cost accounting practices, the beneficiary must declare as eligible costs the amount obtained by multiplying the amount per unit calculated in accordance with its usual cost accounting practices by the actual number of units used or produced. If requested to do so in the context of the checks or audits described in Article II.27, the beneficiary must be able to provide adequate supporting documents to prove the number of units declared.

Where, in accordance with Article 3(a)(v), the grant takes the form of the reimbursement of lump sum costs declared on the basis of the beneficiary's usual cost accounting practices, the beneficiary must declare as eligible costs the global amount calculated in accordance with its usual cost accounting practices, subject to the proper implementation of the corresponding tasks or part of the action. If requested to do so in the context of the checks or audits described in Article II.27, the beneficiary must be able to provide adequate supporting documents to prove the proper implementation.

Where, in accordance with Article 3(a)(v), the grant takes the form of the reimbursement of flat-rate costs declared on the basis of the beneficiary's usual cost accounting practices, the beneficiary must declare as eligible costs the amount obtained by applying the flat rate calculated in accordance with its usual cost accounting practices. If requested to do so in the context of the checks or audits described in Article II.27, the beneficiary must be able to provide adequate supporting documents to prove the eligible costs to which the flat rate applies.

In all three cases provided for in the first, second and third subparagraphs, the beneficiary does not need to identify the actual eligible costs covered, but it must ensure that the cost accounting practices used for the purpose of declaring eligible costs are in compliance with the following conditions:

- (a) the cost accounting practices used constitute its usual cost accounting practices and are applied in a consistent manner, based on objective criteria independent from the source of funding;



- (b) the costs declared can be directly reconciled with the amounts recorded in its general accounts; and
- (c) the categories of costs used for the purpose of determining the costs declared are exclusive of any ineligible cost or costs covered by other forms of grant in accordance with Article 3.

#### **ARTICLE II.21 – ELIGIBILITY OF COSTS OF ENTITIES AFFILIATED TO THE BENEFICIARIES AND OF IMPLEMENTING BODIES DESIGNATED BY THE BENEFICIARIES**

**II.21.1** Where the Special Conditions contain a provision on entities affiliated to the beneficiaries or a provision on implementing bodies, costs incurred by such an entity or body are eligible, provided that they satisfy the same conditions under Articles II.19 and II.20 as apply to the beneficiary, and that the beneficiary to which the entity is affiliated or by which the implementing body is designated ensures that the Agency, the Commission, the European Anti-Fraud Office (OLAF) and the European Court of Auditors may exercise their rights under Article II.27 also towards the entity or body.

**II.21.2** The beneficiary to which the entity is affiliated or by which the implementing body is designated shall ensure that the conditions applicable to it under Articles II.3, II.4, II.5, II.7, II.9 and II.10 are also applicable to the entity or body.

**II.21.3** The beneficiaries shall retain sole responsibility for carrying out the action and for compliance with the provisions of the Agreement. The beneficiaries shall ensure that any agreement or contract with an affiliated entity or implementing body contains provisions stipulating that the affiliated entity or implementing body has no right vis-à-vis the Agency under the Agreement.

#### **ARTICLE II.22 – BUDGET TRANSFERS**

The estimated budget set out in Table 2 of Annex III may be adjusted by transfers of amounts between beneficiaries and between budget categories, without this adjustment being considered as an amendment of the Agreement within the meaning of Article II.12, provided that the action is implemented as described in Annex I.

The beneficiaries may not however adjust amounts which, in accordance with Article 3(a)(iii) or (c), take the form of lump sums.

By way of derogation from the first subparagraph, should beneficiaries want to modify the value of the estimated CEF contribution that each of them is entitled to as referred to in point (b) of Article II.17.1 and point (c) of II.26.3, the coordinator shall request an amendment in accordance to Article II.12.

#### **ARTICLE II.23 – TECHNICAL AND FINANCIAL REPORTING – REQUESTS FOR PAYMENT AND SUPPORTING DOCUMENTS**

### **II.23.1 Action Status Reports - Requests for further pre-financing payments and supporting documents**

#### **II.23.1.1 The coordinator shall submit an Action Status Report (ASR) no later than 31 March following the end of each reporting period.**

The ASR shall be drawn up in accordance with the template provided by the Agency via TEN-Tec and include the following:

- (a) the Agreement number, the action number, the transport mode and the project of common interest it relates to;
- (b) the name and contact details of the author of the ASR;
- (c) information on the progress achieved by the action;
- (d) the updated indicative breakdown by activity of the estimated eligible costs of the action referred to in Annex III, including:
  - i. the estimated eligible costs incurred for the implementation of the action during the previous reporting periods,
  - ii. the updated estimated eligible costs to be incurred for the implementation of the action during the on-going reporting period and for each of the next reporting periods;
- (e) the financing needs per reporting period calculated as the amount obtained by application of the reimbursement rate(s) set out in Article 3 to the eligible costs referred to in indents (i) and (ii) of point (d);
- (f) the cumulated financing needs until the end of the on-going reporting period;
- (g) information on the contracts awarded for the implementation of the action and on compliance with the requirements set out in Articles II.9 and II.10;
- (h) environmental information;
- (i) information about measures taken to publicise the action;
- (j) for beneficiaries established in the European Union, the certification by the Member State in which the beneficiary is established that the information provided in the ASR is full, reliable and true; in exceptional cases, at the request of the beneficiary, the certification may be provided by the Member State in which the action is implemented;
- (k) in the first ASR, information on implementation schedule (such as critical path, key performance rates and risk analysis), governance and monitoring of the action (such as organisational structure, internal coordination, communication and reporting, and decision making process), and other relevant administrative provisions (such as quality controls and audits);
- (l) in subsequent ASRs, information on any modifications and, if applicable, on the progress of implementation of the arrangements referred to in point (k).

#### **II.23.1.2 Where Article 4.1 provides for further pre-financing payments, the coordinator may submit a request for a further pre-financing payment together with the ASR referred to in Article II.23.1.1.**

The request for a further pre-financing payment shall be accompanied by:

- (a) a statement on the amount of the previous pre-financing payments used to cover costs of the action;
- (b) where required by Article 4.1, a financial guarantee.

## **II.23.2 Interim and final reports - Requests for interim payments or for payment of the balance and supporting documents**

### **II.23.2.1 Interim reports - Requests for interim payments and supporting documents**

Not applicable.

### **II.23.2.2 Final report - Request for payment of the balance and supporting documents**

The coordinator shall submit a request for payment of the balance within 12 months following the completion date of the action as referred to in Article 2.2.

The request for payment of the balance shall be accompanied by the following documents:

- (a) the final report drawn up in accordance with Annex V and containing the following:
  - (i) the Agreement number, the action number, the transport mode and the project of common interest it relates to;
  - (ii) the name and contact details of the author of the report;
  - (iii) the objectives of the action (if any deviation is reported);
  - (iv) technical information on how the action was implemented and fulfilled its objectives;
  - (v) information on the contracts awarded for the implementation of the action and on compliance with the requirements set out in Articles II.9 and II.10;
  - (vi) environmental information;
  - (vii) information about measures taken to publicise the action;
  - (viii) information on other sources of Union funds (CEF, ERDF, Cohesion Fund, H2020, TEN-T, EIPA, etc.) that have been used for the global project (e.g. previous or subsequent phases not covered by this Agreement).
- (b) the final financial statement drawn up in accordance with Annex VI and containing:
  - (i) a consolidated statement of the eligible costs incurred for the implementation of the action during the last reporting period or the last two reporting periods since the last interim financial statement as well as a breakdown of the eligible costs incurred by each beneficiary, its affiliated entities and its implementing bodies;
  - (ii) a summary financial statement ("summary financial statement"); this statement must include a consolidated financial statement and a breakdown of the amounts declared or requested by each beneficiary, its affiliated entities

and its implementing bodies, aggregating the financial statements already submitted previously and indicating the receipts referred to in Article II.25.3.2 for each beneficiary, its affiliated entities and its implementing bodies; it must be drawn up in accordance with Annex VI.

- (c) for beneficiaries established in the European Union, the certification by the Member State in which the beneficiary is established that i) the information provided is full, reliable and true and ii) the costs declared in the final financial statement are real and eligible in accordance with this Agreement; in exceptional cases, at the request of the beneficiary, the certification may be provided by the Member State in which the action is implemented;
- (d) unless the Special Conditions provide otherwise, for each beneficiary for which the total contribution in the form of reimbursement of actual costs is at least EUR 750 000 and which requests a reimbursement in that form of at least EUR 325 000 (when adding all previous reimbursements in that form for which a certificate on the financial statements has not been submitted) a certificate on the financial statements and underlying accounts ("certificate on the financial statements").

This certificate shall be produced by an approved auditor or, in case of public bodies, by a competent and independent public officer and drawn up in accordance with Annex VII. It shall certify that the costs declared in the final financial statement by the beneficiary concerned, its affiliated entities and its implementing bodies for the categories of costs reimbursed on the basis of actual costs are real, accurately recorded and eligible in accordance with the Agreement. It shall also certify that all the receipts referred to in Article II.25.3.2 have been declared.

The coordinator shall certify that the information provided in the request for payment of the balance is complete, reliable and true. It shall also certify that the costs incurred can be considered eligible in accordance with the Agreement and that the request for payment is substantiated by adequate supporting documents that can be produced in the context of the checks or audits described in Article II.27. In addition, it shall certify that all the receipts referred to in Article II.25.3.2 have been declared.

### **II.23.3 Non-submission of documents**

Where the coordinator has failed to submit a request for interim payment or payment of the balance accompanied by the documents referred to above by the deadline set out in Article II.23.2 and where the coordinator still fails to submit such a request within 60 days following a written reminder sent by the Agency, the Agency reserves the right to terminate the Agreement in accordance with Article II.16.3.1(c), with the effects described in the third and the fourth subparagraphs of Article II.16.4.1.

### **II.23.4 Currency for requests for payment and financial statements and conversion into euro**

Requests for payment and financial statements shall be drafted in euro.

Beneficiaries with general accounts in a currency other than the euro shall convert costs

incurred in another currency into euro at the average of the daily exchange rates published in the C series of *Official Journal of the European Union*, determined over the corresponding reporting period. Where no daily euro exchange rate is published in the *Official Journal of the European Union* for the currency in question, conversion shall be made at the average of the monthly accounting rates established by the Commission and published on its website ([http://ec.europa.eu/budget/contracts\\_grants/info\\_contracts/inforeuro/inforeuro\\_en.cfm](http://ec.europa.eu/budget/contracts_grants/info_contracts/inforeuro/inforeuro_en.cfm)), determined over the corresponding reporting period.

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

## **ARTICLE II.24 – PAYMENTS AND PAYMENT ARRANGEMENTS**

### **II.24.1 Pre-financing**

**II.24.1.1** The pre-financing is intended to provide the beneficiaries with a float. It remains the property of the Union until it is cleared against interim payments or payment of the balance to the coordinator.

Where payment of pre-financing is conditional on receipt of a financial guarantee, the financial guarantee shall fulfill the following conditions:

- (a) it is provided by an approved bank or an approved financial institution. The guarantee shall be denominated in euros. Where a beneficiary is established in a third country, the Agency may agree that a bank or a financial institution established in that third country may provide the guarantee if it considered that the bank or financial institution offers equivalent security and characteristics as those offered by a bank or financial institution established in a Member State. At the request of the coordinator and acceptance by the Agency, the financial guarantee may be replaced by a joint and several guarantee by a third party;
- (b) the guarantor stands as first-call guarantor and does not require the Agency to have recourse against the principal debtor (i.e. the beneficiary concerned); and
- (c) it provides that it remains in force until the pre-financing is cleared against interim payments or payment of the balance by the Agency and, in case the payment of the balance is made in the form of a debit note, three months after the debit note is notified to the coordinator. The Agency shall release the guarantee within the following month.

**II.24.1.2** Without prejudice to Article II.24.5, where Article 4.1 provides for a pre-financing payment upon entry into force of the Agreement or following a later date, the Agency shall pay to the coordinator within 30 days following that date or, where required by Article 4.1, following receipt of the request for pre-financing payment or of the financial guarantee, whichever is the latest.

### **II.24.2 Interim payments**

Interim payments are intended to reimburse the eligible costs incurred in implementing the action during the corresponding reporting periods.

Without prejudice to Articles II.24.4 and II.24.5, on receipt of the documents referred to in Article II.23.2, the Agency shall pay to the coordinator the amount due as interim payment within the time limit specified in Article 4.2.

This amount shall be determined following approval of the request for interim payment and the accompanying documents and of the ASR for the reporting period or the two reporting periods covered. Approval of those documents shall not imply recognition of the regularity or of the authenticity, completeness and correctness of the declarations and information they contain.

The amount due as interim payment shall be determined as follows:

- (a) the following amounts, which depends on the form of the grant, shall be added:
  - (i) where, in accordance with Article 3(a), the grant takes the form of the reimbursement of eligible costs, the amount obtained by application of the reimbursement rate(s) specified in that Article to the eligible costs of the action approved by the Agency for the concerned reporting period(s) and the corresponding categories of costs, beneficiaries, affiliated entities and implementing bodies;
  - (ii) where, in accordance with Article 3(b), the grant takes the form of a unit contribution, the amount obtained by multiplying the unit contribution specified in that Article by the actual number of units approved by the Agency for the concerned reporting period(s) and for the corresponding beneficiaries, affiliated entities and implementing bodies;
  - (iii) where, in accordance with Article 3(c), the grant takes the form of a lump sum contribution, the lump sum specified in that Article for the corresponding beneficiaries, affiliated entities and implementing bodies, subject to approval by the Agency of the proper implementation during the concerned reporting period(s) of the corresponding tasks or part of the action in accordance with Annex I;
  - (iv) where, in accordance with Article 3(d), the grant takes the form of a flat-rate contribution, the amount obtained by applying the flat rate referred to in that Article to the eligible costs or to the contribution accepted by the Agency for the concerned reporting period(s) and the corresponding beneficiaries, affiliated entities and implementing bodies.
- (b) the interim payment shall clear 100% of the pre-financing payments already made for the reporting periods covered by the request for interim payment or previous interim payments and which have not been cleared against previous interim payments. The amount of the pre-financing payments to be cleared shall be deducted from the amount obtained in accordance with point (a);

- (c) the amount obtained in accordance with points (a) and (b) shall be limited to the difference between the ceiling for pre-financing and interim payments set out in Article 4.1.3 and the total amount of the pre-financing and interim payments already made.

#### **II.24.3 Payment of the balance**

The payment of the balance, which may not be repeated, is intended to reimburse or cover after the end of the period set out in Article 2.2 the remaining part of the eligible costs incurred by the beneficiaries for its implementation. Where the total amount of earlier payments is greater than the final amount of the grant determined in accordance with Article II.25, the payment of the balance may take the form of a recovery as provided for by Article II.26.

Without prejudice to Articles II.24.4 and II.24.5, on receipt of the documents referred to in Article II.23.2, the Agency shall pay the amount due as the balance within the time limit specified in Article 4.2.

This amount shall be determined following approval of the request for payment of the balance and of the accompanying documents and in accordance with the fourth subparagraph. Approval of the request for payment of the balance and of the accompanying documents shall not imply recognition of the regularity or of the authenticity, completeness and correctness of the declarations and information they contain.

The amount due as the balance shall be determined by deducting, from the final amount of the grant determined in accordance with Article II.25, the total amount of pre-financing and interim payments already made.

#### **II.24.4 Suspension of the time limit for payment**

The Agency may suspend the time limit for payment specified in Article 4.2, at any time by formally notifying the coordinator that its request for payment cannot be met, either because it does not comply with the provisions of the Agreement, or because the appropriate supporting documents have not been produced, or because there is doubt about the eligibility of the costs declared in the financial statement.

The coordinator shall be notified as soon as possible of any such suspension, together with the reasons thereof.

Suspension shall take effect on the date when notification is sent by the Agency. The remaining payment period shall start to run again from the date on which the requested information or revised documents are received or the necessary further verification, including on-the-spot checks, is carried out. Where the suspension exceeds two months, the coordinator may request a decision by the Agency on whether the suspension is to be continued.

Where the time limit for payment has been suspended following the rejection of one of the ASRs, the final report or one of the financial statements provided for by Article II.23 and the new report or statement submitted is also rejected, the Agency reserves the right to terminate the Agreement in accordance with Article II.16.3.1(c), with the effects described in Article II.16.4.

## **II.24.5 Suspension of payments**

**II.24.5.1** The Agency may, at any time during the implementation of the Agreement, suspend the pre-financing payments, interim payments or payment of the balance for all beneficiaries, or suspend the pre-financing payments or interim payments for any one or several beneficiaries:

- (a) if the Agency has evidence that a beneficiary has committed substantial errors, irregularities or fraud in the award procedure or in the implementation of the grant, or if a beneficiary fails to comply with its obligations under the Agreement;
- (b) if the Agency has evidence that a beneficiary has committed systemic or recurrent errors, irregularities, fraud or breach of obligations under other grants funded by the Union or by the European Atomic Energy Community which were awarded to that beneficiary under similar conditions, provided that those errors, irregularities, fraud or breach of obligations have a material impact on this grant;
- (c) if the Agency suspects substantial errors, irregularities, fraud or breach of obligations committed by a beneficiary in the award procedure or in the implementation of the Agreement and needs to verify whether they have actually occurred;
- (d) following an evaluation of the progress of the project, in particular in the event of major delays in the implementation of the action; or
- (e) if the Agency does not receive all the documents required under Directive 2011/92/EU on the assessment of the effects of certain public and private projects on the environment, Directive 2009/147/EC on the conservation of wild birds, Directive 92/43/EEC on the conservation of natural habitats and of wild fauna and flora, Directive 2000/60/EC establishing a framework for Community policy in the field of water, or any other relevant environmental legislation as listed in the application form (the section concerning compliance with Union policy on environmental protection).

**II.24.5.2** Before suspending payments, the Agency shall formally notify the coordinator of its intention to suspend payments, specifying the reasons thereof and, in the cases referred to in points (a), (b), (d) and (e) of Article II.24.5.1, the necessary conditions for resuming payments. The coordinator shall be invited to make any observations on behalf of all beneficiaries within 30 calendar days from receipt of this notification.

If, after examination of the observations submitted by the coordinator, the Agency decides to stop the procedure of payment suspension, the Agency shall formally notify the coordinator thereof.

If no observations have been submitted or if, despite the observations submitted by





the coordinator, the Agency decides to pursue the procedure of payment suspension, it may suspend payments by formally notifying the coordinator, specifying the reasons for the suspension and, in the cases referred to in points (a), (b), (d) and (e) of Article II.24.5.1, the definitive conditions for resuming payments or, in the case referred to in point (c) of Article II.24.5.1, the indicative date of completion of the necessary verification.

The coordinator shall inform the other beneficiaries immediately. The suspension of payments shall take effect on the date when the notification is sent by the Agency.

In order to resume payments, the beneficiaries shall endeavour to meet the notified conditions as soon as possible and shall inform the Agency of any progress made in this respect.

The Agency shall, as soon as it considers that the conditions for resuming payments have been met or the necessary verification, including on-the-spot checks, has been carried out, formally notify the coordinator thereof.

During the period of suspension of payments and without prejudice to the right to suspend the implementation of the action in accordance with Article II.15.1 or to terminate the Agreement or the participation of a beneficiary in accordance with Article II.16.1 and Article II.16.2, the coordinator is not entitled to submit any requests for payments or, where the suspension concerns the pre-financing payments or interim payments for one or several beneficiaries only, any requests for payments and supporting documents relating to the participation of the concerned beneficiary or beneficiaries in the action.

The corresponding requests for payments and supporting documents may be submitted as soon as possible after resumption of payments or may be included in the first request for payment due following resumption of payments in accordance with the schedule laid down in Article 4.1.

#### **II.24.6 Notification of amounts due**

The Agency shall formally notify the amounts due, specifying whether it is a further pre-financing payment, an interim payment or the payment of the balance. In the case of payment of the balance, it shall also specify the final amount of the grant determined in accordance with Article II.25.

#### **II.24.7 Interest on late payment**

On expiry of the time limits for payment specified in Articles 4.2 and II.24.1, and without prejudice to Articles II.24.4 and II.24.5, the beneficiaries are entitled to interest on late payment at the rate applied by the European Central Bank for its main refinancing operations in euros ("the reference rate"), plus three and a half points. The reference rate shall be the rate in force on the first day of the month in which the time limit for payment expires, as published in the C series of the *Official Journal of the European Union*.

The first subparagraph shall not apply where all beneficiaries are Member States of the Union, including regional and local government authorities and other public bodies acting in the name and on behalf of the Member State for the purpose of this Agreement.

The suspension of the time limit for payment in accordance with Article II.24.4 or of payment by the Agency in accordance with Article II.24.5 may not be considered as late payment.

Interest on late payment shall cover the period running from the day following the due date for payment, up to and including the date of actual payment as established in Article II.24.9. The interest payable shall not be considered for the purposes of determining the final amount of grant within the meaning of Article II.25.3.

By way of derogation from the first subparagraph, when the calculated interest is lower than or equal to EUR 200, it shall be paid only upon request submitted by the coordinator within two months of the late payment.

#### **II.24.8 Currency for payments**

Payments by the Agency shall be made in euro.

#### **II.24.9 Date of payment**

Payments by the Agency shall be deemed to be effected on the date when they are debited to the Agency's account.

#### **II.24.10 Costs of payment transfers**

Costs of the payment transfers shall be borne in the following way:

- (a) costs of transfer charged by the bank of the Agency shall be borne by the Agency;
- (b) costs of transfer charged by the bank of a beneficiary shall be borne by the beneficiary;
- (c) all costs of repeated transfers caused by one of the parties shall be borne by the party which caused the repetition of the transfer.

#### **II.24.11 Payments to the coordinator**

The Agency shall make all payments to the coordinator. Payments to the coordinator shall discharge the Agency from its payment obligation.

### **ARTICLE II.25 – DETERMINING THE FINAL AMOUNT OF THE GRANT**

#### **II.25.1 Calculation of the final amount**

Without prejudice to Articles II.25.2, II.25.3 and II.25.4, the final amount of the grant shall be determined as follows:

- (a) where, in accordance with Article 3(a), the grant takes the form of the reimbursement

of eligible costs, the amount obtained by application of the reimbursement rate(s) specified in that Article to the eligible costs of the action approved by the Agency for the corresponding categories of costs, beneficiaries, affiliated entities and implementing bodies;

- (b) where, in accordance with Article 3(b), the grant takes the form of a unit contribution, the amount obtained by multiplying the unit contribution specified in that Article by the actual number of units approved by the Agency for the corresponding beneficiaries, affiliated entities and implementing bodies;
- (c) where, in accordance with Article 3(c), the grant takes the form of a lump sum contribution, the lump sum specified in that Article for the corresponding beneficiaries, affiliated entities and implementing bodies, subject to approval by the Agency of the proper implementation of the corresponding tasks or part of the action in accordance with Annex I;
- (d) where, in accordance with Article 3(d), the grant takes the form of a flat-rate contribution, the amount obtained by applying the flat rate referred to in that Article to the eligible costs or to the contribution accepted by the Agency for the corresponding beneficiaries, affiliated entities and implementing bodies.

Where Article 3 provides for a combination of different forms of grant, these amounts shall be added.

#### **II.25.2 Maximum amount**

The total amount paid by the Agency for the action may in no circumstances exceed the maximum amount of the grant specified in Article 3.

Where the amount determined in accordance with Article II.25.1 exceeds this maximum amount, the final amount of the grant shall be limited to the maximum amount specified in Article 3.

#### **II.25.3 No-profit rule and taking into account of receipts**

**II.25.3.1** The grant may not produce a profit for the beneficiaries, unless specified otherwise in the Special Conditions. "Profit" shall mean a surplus of the receipts over the eligible costs of the action.

**II.25.3.2** The receipts to be taken into account are the consolidated receipts established, generated or confirmed on the date on which the request for payment of the balance is drawn up by the coordinator, which fall within one of the following two categories:

- (a) income generated by the action; or
- (b) financial contributions specifically assigned by the donors to the financing of the eligible costs of the action reimbursed by the Agency in accordance with Article 3(a)(i).

**II.25.3.3** The following shall not be considered as receipts to be taken into account for the purpose of verifying whether the grant produces a profit for the beneficiaries:

- (a) financial contributions referred to in point (b) of Article II.25.3.2, which may be used by the beneficiaries to cover costs other than the eligible costs under the Agreement;
- (b) financial contributions referred to in point (b) of Article II.25.3.2, the unused part of which is not due to the donors at the end of the period set out in Article 2.2.

**II.25.3.4** The eligible costs to be taken into account are the consolidated eligible costs approved by the Agency for the categories of costs reimbursed in accordance with Article 3(a).

**II.25.3.5** Where the final amount of the grant determined in accordance with Articles II.25.1 and II.25.2 would result in a profit for the beneficiaries, the profit shall be deducted in proportion to the final rate of reimbursement of the actual eligible costs of the action approved by the Agency for the categories of costs referred to in Article 3(a)(i). This final rate shall be calculated on the basis of the final amount of the grant in the form referred to in Article 3(a)(i), as determined in accordance with Articles II.25.1 and II.25.2.

**II.25.4 Reduction for poor, partial or late implementation, or breach of contractual obligations**

If the action is not implemented properly in accordance with Annex I, or if any beneficiary fails to comply with any other obligations under this Agreement, the Agency may reduce the grant amount set out in Article 3 in proportion to the improper implementation of the action or to the seriousness of the breach of obligations.

This includes the case where the Agency does not receive all the documents required under Directive 2011/92/EU on the assessment of the effects of certain public and private projects on the environment, Directive 2009/147/EC on the conservation of wild birds, Directive 92/43/EEC on the conservation of natural habitats and of wild fauna and flora, Directive 2000/60/EC establishing a framework for Community policy in the field of water, or any other relevant environmental legislation as listed in the application form (the section concerning compliance with Union policy on environmental protection).

**ARTICLE II.26 – RECOVERY**

**II.26.1 Recovery at the time of payment of the balance**

Where the payment of the balance takes the form of a recovery, the Agency shall formally notify the coordinator of its intention to recover the amount unduly paid:

- (a) specifying the amount due and the reasons for recovery;

- (b) inviting the coordinator to make any observations within a specified period ; and
- (c) requesting the coordinator to submit a report on the distribution of payments to the beneficiaries within a specified period.

If no observations have been submitted or if, despite the observations submitted by the coordinator, the Agency decides to pursue the recovery procedure, the Agency may confirm recovery by formally notifying to the coordinator a debit note ("debit note"), specifying the terms and the date for payment.

If the coordinator does not repay the Agency by the date specified in the debit note and has not submitted the report on the distribution of payments, the Agency or the Commission shall recover the amount due from the coordinator in accordance with Article II.26.3, even if it has not been the final recipient of the amount due.

If the coordinator does not repay the Agency by the date specified in the debit note but has submitted the report on the distribution of payments made to the beneficiaries, the Agency shall recover the amount due from the beneficiary which has been the final recipient of the amount due.

For that purpose, the Agency shall:

- (a) where, in accordance with Article 3(a), the grant takes the form of the reimbursement of eligible costs:
  - (i) identify the beneficiaries for which the amount calculated as follows is negative:
$$\frac{\{ \{ \{ \text{Beneficiary's costs (including the costs of its affiliated entities and implementing bodies if applicable) declared in the final financial statement and approved by the Agency multiplied by the reimbursement rate(s) set out in Article 3(a) for the beneficiary concerned} \} \}}{\text{divided by}} \\ \frac{\text{the amount calculated according to Article II.25.1}}{\text{multiplied by}} \\ \text{the final grant amount calculated according to Article II.25}, \\ \text{minus} \\ \text{the pre-financing and interim payments received by the beneficiary} \}$$
  - (ii) formally notify to each beneficiary identified according to point (i) a debit note specifying the terms and date for payment. The amount of the debit note shall be calculated as follows:
$$\frac{\{ \text{amount calculated according to point (i) for the beneficiary concerned} \}}{\text{divided by}}$$

the sum of the amounts calculated according to point (i) for all the beneficiaries identified according to point (i) }

multiplied by

the amount set out in the debit note formally notified to the coordinator }

- (b) where, in accordance with Article 3(b), (c) or (d) the grant takes the form of a unit, lump sum or flat-rate contribution, formally notify to each beneficiary a debit note specifying the terms and date for payment. The amount of the debit note shall be calculated as follows:

{ the pre-financing and interim payments received by the beneficiary  
divided by  
the total amount of pre-financing and interim payments paid by the Agency}  
multiplied by  
the amount set out in the debit note formally notified to the coordinator };

- (c) where Article 3 provides for a combination of different forms of grant, these amounts shall be added.

If the beneficiary concerned does not repay the Agency by the date specified in the debit note, the Agency or the Commission shall recover the amount due from the beneficiary in accordance with Article II.26.3.

## **II.26.2 Recovery after payment of the balance**

Where an amount is to be recovered in accordance with Articles II.27.6, II.27.7 and II.27.8, the beneficiary concerned by the audit or OLAF findings shall repay the Agency the amount in question.

Where the audit findings do not concern a specific beneficiary, the coordinator shall repay the Agency the amount in question, even if it has not been the final recipient of the amount due.

Before recovery, the Agency shall formally notify the beneficiary concerned or the coordinator of its intention to recover the amount unduly paid:

- (a) specifying the amount due (including any amount unduly paid by the Agency as a contribution towards the costs incurred by its affiliated entities or its implementing bodies) and the reasons for recovery;
- (b) inviting the beneficiary concerned or the coordinator to make any observations within a specified period.

If no observations have been submitted or if, despite the observations submitted by the beneficiary concerned or the coordinator, the Agency decides to pursue the recovery

procedure, the Agency may confirm recovery by formally notifying to the beneficiary concerned or the coordinator a debit note ("debit note"), specifying the terms and the date for payment.

If the beneficiary concerned or the coordinator does not repay the Agency by the date specified in the debit note, the Agency shall recover the amount due from the beneficiary concerned or the coordinator in accordance with Article II.26.3.

#### **II.26.3 Recovery procedure failing repayment by the date specified in the debit note**

If payment has not been made by the date specified in the debit note, the Agency or the Commission shall recover the amount due:

- (a) by offsetting it against any amounts owed to the beneficiary concerned by the Union or the European Atomic Energy Community (Euratom) ("offsetting"); in exceptional circumstances, justified by the necessity to safeguard the financial interests of the Union, the Agency may recover by offsetting before the due date; the beneficiary's prior consent shall not be required; an action may be brought against such offsetting before the General Court of the European Union pursuant to Article 263 TFEU;
- (b) by drawing on the financial guarantee where provided for in accordance with Article 4.1 ("drawing on the financial guarantee");
- (c) where provided for in the Special Conditions, by holding the beneficiaries jointly and severally liable;
- (d) by taking legal action in accordance with Article II.18.2 or with the Special Conditions or by adopting an enforceable decision in accordance with Article II.18.3.

#### **II.26.4 Interest on late payment**

If payment has not been made by the date set out in the debit note, the amount due shall bear interest at the rate established in Article II.24.7. Interest on late payment shall cover the period running from the day following the due date for payment, up to and including the date when the Agency or the Commission actually receives payment in full of the outstanding amount.

Any partial payment shall first be appropriated against charges and interest on late payment and then against the principal.

#### **II.26.5 Bank charges**

Bank charges incurred in connection with the recovery of the sums owed to the Agency shall be borne by the beneficiary concerned except where Directive 2007/64/EC of the European Parliament and of the Council of 13 November 2007 on payment services in the internal market amending Directives 97/7/EC, 2002/65/EC, 2005/60/EC and 2006/48/EC and repealing Directive 97/5/EC applies.

### **ARTICLE II.27 – CHECKS, AUDITS AND EVALUATION**

### **II.27.1 Technical and financial checks, audits, interim and final evaluations**

The Commission or the Agency may carry out technical and financial checks and audits in relation to the use of the grant. It may also check the statutory records of the beneficiaries for the purpose of periodic assessments of lump sum, unit cost or flat-rate amounts.

Information and documents provided in the framework of checks or audits shall be treated on a confidential basis.

In addition, the Commission or the Agency may carry out interim or final evaluation of the impact of the action measured against the objective of the Union programme concerned, in order to assess whether the objectives, including those relating to environmental protection, have been attained.

Checks, audits or evaluations made by the Commission or the Agency may be carried out either directly by its own staff or by any other outside body authorised to do so on its behalf.

Such checks, audits or evaluations may be initiated during the implementation of the Agreement and for a period of five years starting from the date of payment of the balance. This period shall be limited to three years if the maximum amount specified in Article 3 is not more than EUR 60 000.

The check, audit or evaluation procedure shall be deemed to be initiated on the date of receipt of the letter of the Commission or the Agency announcing it.

### **II.27.2 Duty to keep documents**

The beneficiaries shall keep all original documents, especially accounting and tax records, stored on any appropriate medium, including digitalised originals when they are authorised by their respective national law and under the conditions laid down therein, for a period of five years starting from the date of payment of the balance.

This period shall be limited to three years if the maximum amount specified in Article 3 is not more than EUR 60 000.

The periods set out in the first and second subparagraphs shall be longer if there are on-going audits, appeals, litigation or pursuit of claims concerning the grant, including in the case referred to in Article II.27.7. In such cases, the beneficiaries shall keep the documents until such audits, appeals, litigation or pursuit of claims are closed.

### **II.27.3 Obligation to provide information**

Where a check or audit is initiated before the payment of the balance, the coordinator shall provide any information, including information in electronic format, requested by the Commission or the Agency, or by any other outside body authorised by it. Where appropriate, the Commission or the Agency may request such information to be provided directly by a beneficiary. Where a check or audit is initiated after payment of the balance, such information shall be provided by the beneficiary concerned.



For an evaluation, the coordinator shall provide any information, including information in electronic format, requested by the Commission or the Agency, or by any other outside body authorised by it. Where appropriate, the Commission or the Agency may request such information to be provided directly by a beneficiary.

In case the beneficiary concerned does not comply with the obligations set out in the first and second subparagraphs, the Commission or the Agency may consider:

- (a) any cost insufficiently substantiated by information provided by the beneficiary as ineligible;
- (b) any unit, lump sum or flat-rate contribution insufficiently substantiated by information provided by the beneficiary as undue.

#### **II.27.4 On-the-spot visits**

During an on-the-spot visit, the beneficiaries shall allow Commission or Agency staff and outside personnel authorised by the Commission or the Agency to have access to the sites and premises where the action is or was carried out, and to all the necessary information, including information in electronic format.

They shall ensure that the information is readily available at the moment of the on-the-spot visit and that information requested is handed over in an appropriate form.

In case a beneficiary refuses to provide access to the sites, premises and information in accordance with the first and second subparagraphs, the Commission or the Agency may consider:

- (a) any cost insufficiently substantiated by information provided by the beneficiary as ineligible;
- (b) any unit, lump sum or flat-rate contribution insufficiently substantiated by information provided by the beneficiary as undue.

#### **II.27.5 Contradictory audit procedure**

On the basis of the findings made during the audit, a provisional report ("draft audit report") shall be drawn up. It shall be sent by the Commission or the Agency or its authorised representative to the beneficiary concerned, which shall have 30 days from the date of receipt to submit observations. The final report ("final audit report") shall be sent to the beneficiary concerned within 60 days of expiry of the time limit for submission of observations.

#### **II.27.6 Effects of audit findings**

On the basis of the final audit findings, the Commission or the Agency may take the measures which it considers necessary, including recovery at the time of payment of the balance or after payment of the balance of all or part of the payments made by it, in accordance with Article II.26.

In the case of final audit findings made after the payment of the balance, the amount to be recovered shall correspond to the difference between the revised final amount of the grant, determined in accordance with Article II.25, and the total amount paid to the beneficiaries under the Agreement for the implementation of the action.

**II.27.7 Correction of systemic or recurrent errors, irregularities, fraud or breach of obligations**

**II.27.7.1** The Commission or the Agency may take all measures which it considers necessary, including recovery at the time of payment of the balance or after payment of the balance of all or part of the payments made by it under the Agreement, in accordance with Article II.26, where the following conditions are fulfilled:

- (a) the beneficiary is found, on the basis of an audit of other grants awarded to it 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) the final audit report containing the findings of the systemic or recurrent errors, irregularities, fraud or breach of obligations is received by the beneficiary within the period referred to in Article II.27.1.

**II.27.7.2** The Commission or the Agency shall determine the amount to be corrected under the Agreement:

- (a) wherever possible and practicable, on the basis of costs unduly declared as eligible under the Agreement.

For that purpose, the beneficiary concerned shall revise the financial statements submitted under the Agreement taking account of the findings and resubmit them to the Commission or the Agency within 60 days from the date of receipt of the final audit report containing the findings of the systemic or recurrent errors, irregularities, fraud or breach of obligations.

In the case of systemic or recurrent errors, irregularities, fraud or breach of obligations found after the payment of the balance, the amount to be recovered shall correspond to the difference between the revised final amount of the grant, determined in accordance with Article II.25 on the basis of the revised eligible costs declared by the beneficiary and approved by the Commission or the Agency, and the total amount paid to the beneficiaries under the Agreement for the implementation of the action;

- (b) where it is not possible or practicable to quantify precisely the amount of ineligible costs under the Agreement, by extrapolating the correction rate applied to the eligible costs for the grants for which the systemic or recurrent errors or irregularities have been found.

The Commission or the Agency shall formally notify the extrapolation method to be applied to the beneficiary concerned, which shall have 60 days from the date of receipt of the notification to submit observations and to propose a duly substantiated alternative method.

If the Commission or the Agency accepts the alternative method proposed by the beneficiary, it shall formally notify the beneficiary concerned thereof and determine the revised eligible costs by applying the accepted alternative method.

If no observations have been submitted or if the Commission or the Agency does not accept the observations or the alternative method proposed by the beneficiary, the Commission or the Agency shall formally notify the beneficiary concerned thereof and determine the revised eligible costs by applying the extrapolation method initially notified to the beneficiary.

In the case of systemic or recurrent errors, irregularities, fraud or breach of obligations found after the payment of the balance, the amount to be recovered shall correspond to the difference between the revised final amount of the grant, determined in accordance with Article II.25 on the basis of the revised eligible costs after extrapolation, and the total amount paid to the beneficiaries under the Agreement for the implementation of the action; or

- (c) where ineligible costs cannot serve as a basis for determining the amount to be corrected, by applying a flat rate correction to the maximum amount of the grant specified in Article 3 or part thereof, having regard to the principle of proportionality.

The Commission or the Agency shall formally notify the flat rate to be applied to the beneficiary concerned, which shall have 60 days from the date of receipt of the notification to submit observations and to propose a duly substantiated alternative flat rate.

If the Commission or the Agency accepts the alternative flat rate proposed by the beneficiary, it shall formally notify the beneficiary concerned thereof and correct the grant amount by applying the accepted alternative flat rate.

If no observations have been submitted or if the Commission or the Agency does not accept the observations or the alternative flat rate proposed by the beneficiary, the Commission or the Agency shall formally notify the beneficiary concerned thereof and correct the grant amount by applying the flat rate initially notified to the beneficiary.

In the case of systemic or recurrent errors, irregularities, fraud or breach of obligations found after the payment of the balance, the amount to be recovered shall correspond to the difference between the revised final amount of the grant after flat-rate correction and the total amount paid to the beneficiaries under the Agreement for the implementation of the action.

#### **II.27.8 Checks and inspections by OLAF**

The European Anti-Fraud Office (OLAF) shall have the same rights as the Commission and the Agency, notably right of access, for the purpose of checks and investigations.

By virtue of Council Regulation (Euratom, EC) No 2185/96<sup>1</sup> 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 and Regulation (EU) No 883/2013<sup>2</sup> of the European Parliament and the Council of 11 September 2013 concerning investigations conducted by the European Anti-Fraud Office (OLAF), OLAF may also carry out on-the-spot checks and inspections in accordance with the procedures laid down by Union law for the protection of the financial interests of the Union against fraud and other irregularities.

Where appropriate, OLAF findings may lead to recovery by the Agency. They may also lead to criminal prosecution under national law.

#### **II.27.9 Checks and audits by the European Court of Auditors**

The European Court of Auditors shall have the same rights as the Agency and the Commission, notably right of access, for the purpose of checks and audits.

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<sup>1</sup> OJ L 292, 15.11.1996, p.2

<sup>2</sup> OJ L 248, 18.09.2013, p.1



**ANNEX III**  
**ESTIMATED BUDGET OF THE ACTION**

**Table 1: Planned sources of financing of the eligible costs of the action**

Financing sources	Amount of financial contribution to the action eligible costs (EUR)	DE	Amount of financial contribution to the action eligible costs (EUR)	ERTICO	MM	Amount of financial contribution to the action eligible costs (EUR)	ACI	AutBren	Amount of financial contribution to the action eligible costs (EUR)
<b>1. CEF-Transport financing</b>		5,860,000		288,512.5		167,250		42,400	94,500
<b>2. Beneficiary's own resources</b>		0		288,512.5		167,250		0	94,500
of which:		0		0		0		0	0
(a) EIB loan									
<b>3. State budget(s)</b>		0		0		0		0	0
<b>4. Regional/ local budget(s)</b>		5,860,000		0		0		42,400	0
<b>5. Income generated by the action</b>		0		0		0		0	0
<b>6. Other sources</b>		0		0		0		0	0
<b>TOTAL</b>		11,720,000		577,025		334,500		84,800	189,000

Financing sources	Amount of financial contribution to the action eligible costs (EUR)	Beta	Amount of financial contribution to the action eligible costs (EUR)	UNITN	Piaggio	Amount of financial contribution to the action eligible costs (EUR)	TI	Amount of financial contribution to the action eligible costs (EUR)	AREU
1. CEF-Transport financing	107,500		69,787		175,000	75,500		106,750	
2. Beneficiary's own resources	107,500		69,787		175,000	75,500		0	
of which:									
(a) EIB loan	0		0		0	0		0	
3. State budget(s)	0		0		0	0		0	
4. Regional/ local budget(s)	0		0		0	0		106,750	
5. Income generated by the action	0		0		0	0		0	
6. Other sources	0		0		0	0		0	
<b>TOTAL</b>	<b>215,000</b>		<b>139,574</b>		<b>350,000</b>	<b>151,000</b>		<b>213,500</b>	

Financing sources	Amount of financial contribution to the action eligible costs (EUR)	Amount of financial contribution to the action eligible costs (EUR)	Amount of financial contribution to the action eligible costs (EUR)	Amount of financial contribution to the action eligible costs (EUR)	Amount of financial contribution to the action eligible costs (EUR)
	CUE	IE	CAT	IES	IRU
<b>1. CEF-Transport financing</b>	90,000	478,750	300,000	116,700	191,000
<b>2. Beneficiary's own resources</b>	0	0	300,000	116,700	191,000
of which:	0	0	0	0	0
(a) EIB loan					
<b>3. State budget(s)</b>	0	478,750	0	0	0
<b>4. Regional/ local budget(s)</b>	90,000	0	0	0	0
<b>5. Income generated by the action</b>	0	0	0	0	0
<b>6. Other sources</b>	0	0	0	0	0
<b>TOTAL</b>	180,000	957,500	600,000	233,400	382,000

Financing sources	Amount of financial contribution to the action eligible costs (EUR)	LU	Amount of financial contribution to the action eligible costs (EUR)	KTM	Amount of financial contribution to the action eligible costs (EUR)	CUT	Amount of financial contribution to the action eligible costs (EUR)	CY	Amount of financial contribution to the action eligible costs (EUR)	ISKR
<b>1. CEF-Transport financing</b>		209,000		240,000		263,500		333,500		187,010
<b>2. Beneficiary's own resources</b>		0		240,000		263,500		0		187,010
of which:										
(a) EIB loan		0		0		0		0		0
<b>3. State budget(s)</b>		209,000		0		0		333,500		0
<b>4. Regional/ local budget(s)</b>		0		0		0		0		0
<b>5. Income generated by the action</b>		0		0		0		0		0
<b>6. Other sources</b>		0		0		0		0		0
<b>TOTAL</b>		418,000		480,000		527,000		667,000		374,020



Financing sources	Amount of financial contribution to the action eligible costs (EUR)	YAM	TS	Amount of financial contribution to the action eligible costs (EUR)	SI	POLIMI	Amount of financial contribution to the action eligible costs (EUR)	UNIMORE
1. CEF-Transport financing		200,000	226,500	234,575		94,000		110,000
2. Beneficiary's own resources		200,000	226,500	0		94,000		110,000
of which:		0	0	0		0		0
(a) EIB loan								
3. State budget(s)		0	0	234,575		0		0
4. Regional/ local budget(s)		0	0	0		0		0
5. Income generated by the action		0	0	0		0		0
6. Other sources		0	0	0		0		0
<b>TOTAL</b>		<b>400,000</b>	<b>453,000</b>	<b>469,150</b>		<b>188,000</b>		<b>220,000</b>

Financing sources	Amount of financial contribution to the action eligible costs (EUR)	VIT	Amount of financial contribution to the action eligible costs (EUR)	WOB	Amount of financial contribution to the action eligible costs (EUR)	STB	Amount of financial contribution to the action eligible costs (EUR)	CZ MDCR	Amount of financial contribution to the action eligible costs (EUR)	DEKRA
<b>1. CEF-Transport financing</b>		286,500		42,500		42,500		12,050		98,500
<b>2. Beneficiary's own resources</b>		286,500		0		0		0		98,500
of which:		0		0		0		0		0
(a) EIB loan										
<b>3. State budget(s)</b>		0		0		0		12,050		0
<b>4. Regional/ local budget(s)</b>		0		42,500		42,500		0		0
<b>5. Income generated by the action</b>		0		0		0		0		0
<b>6. Other sources</b>		0		0		0		0		0
<b>TOTAL</b>		573,000		85,000		85,000		24,100		197,000

Financing sources	Amount of financial contribution to the action eligible costs (EUR)	Amount of financial contribution to the action eligible costs (EUR)	Amount of financial contribution to the action eligible costs (EUR)	Amount of financial contribution to the action eligible costs (EUR)	Amount of financial contribution to the action eligible costs (EUR)
	TELS	GMVIS	MEO	ICOM	INTERG
<b>1. CEF-Transport financing</b>	76,500	126,853.5	29,500	149,743.5	272,515
<b>2. Beneficiary's own resources</b>	76,500	126,853.5	29,500	149,743.5	272,515
of which:	0	0	0	0	0
(a) EIB loan					
<b>3. State budget(s)</b>	0	0	0	0	0
<b>4. Regional/ local budget(s)</b>	0	0	0	0	0
<b>5. Income generated by the action</b>	0	0	0	0	0
<b>6. Other sources</b>	0	0	0	0	0
<b>TOTAL</b>	153,000	253,707	59,000	299,487	545,030

Financing sources	Amount of financial contribution to the action eligible costs (EUR)	VODAFONE	Amount of financial contribution to the action eligible costs (EUR)	IEP	Amount of financial contribution to the action eligible costs (EUR)	NOS	Amount of financial contribution to the action eligible costs (EUR)	IMT	Amount of financial contribution to the action eligible costs (EUR)	PT
1. CEF-Transport financing	22,631.5		115,792.5		34,080		33,675		61,290	
2. Beneficiary's own resources	22,631.5		115,792.5		34,080		33,675		0	
of which:										
(a) EIB loan	0		0		0		0		0	
3. State budget(s)	0		0		0		0		61,290	
4. Regional/ local budget(s)	0		0		0		0		0	
5. Income generated by the action	0		0		0		0		0	
6. Other sources	0		0		0		0		0	
<b>TOTAL</b>	<b>45,263</b>		<b>231,585</b>		<b>68,160</b>		<b>67,350</b>		<b>122,580</b>	

Financing sources	Amount of financial contribution to the action eligible costs (EUR)	Amount of financial contribution to the action eligible costs (EUR)	Amount of financial contribution to the action eligible costs (EUR)	Amount of financial contribution to the action eligible costs (EUR)	Amount of financial contribution to the action eligible costs (EUR)	Amount of financial contribution to the action eligible costs (EUR)
	BMW	BOSCH	CZ MIGD	CTAG	FICOSA	
1. CEF-Transport financing	240,000	921,500	45,100	69,502		141,200
2. Beneficiary's own resources	240,000	921,500	0	69,502		141,200
of which:	0	0	0	0		0
(a) EIB loan						
3. State budget(s)	0	0	45,100	0		0
4. Regional/ local budget(s)	0	0	0	0		0
5. Income generated by the action	0	0	0	0		0
6. Other sources	0	0	0	0		0
TOTAL	480,000	1,843,000	90,200	139,004		282,400

Financing sources	Amount of financial contribution to the action eligible costs (EUR)	CEIT	Amount of financial contribution to the action eligible costs (EUR)	TEAMNET	Amount of financial contribution to the action eligible costs (EUR)	URA	Amount of financial contribution to the action eligible costs (EUR)	CETEM	Amount of financial contribution to the action eligible costs (EUR)	CRF
<b>1. CEF-Transport financing</b>		265,276		325,637.5		30,050		59,500		103,600
<b>2. Beneficiary's own resources</b>		265,276		325,637.5		30,050		59,500		103,600
of which:										
(a) EIB loan		0		0		0		0		0
<b>3. State budget(s)</b>		0		0		0		0		0
<b>4. Regional/ local budget(s)</b>		0		0		0		0		0
<b>5. Income generated by the action</b>		0		0		0		0		0
<b>6. Other sources</b>		0		0		0		0		0
<b>TOTAL</b>		530,552		651,275		60,100		119,000		207,200

Financing sources	Amount of financial contribution to the action eligible costs (EUR)	FI	BG	Amount of financial contribution to the action eligible costs (EUR)	COSMOTE	Amount of financial contribution to the action eligible costs (EUR)	ICCS	Amount of financial contribution to the action eligible costs (EUR)	EL
1. CEF-Transport financing	554,000		250,248.5	125,000		175,500		74,500	
2. Beneficiary's own resources	0		0	125,000		175,500		0	
of which:									
(a) EIB loan	0		0	0		0		0	
3. State budget(s)	554,000		250,248.5	0		0		74,500	
4. Regional/ local budget(s)	0		0	0		0		0	
5. Income generated by the action	0		0	0		0		0	
6. Other sources	0		0	0		0		0	
<b>TOTAL</b>	<b>1,108,000</b>		<b>500,497</b>	<b>250,000</b>		<b>351,000</b>		<b>149,000</b>	

Financing sources	Amount of financial contribution to the action eligible costs (EUR)		Amount of financial contribution to the action eligible costs (EUR)	
	PTL	G4S	eTrikala	
1. CEF-Transport financing	34,500	200,000	34,500	
2. Beneficiary's own resources	34,500	200,000	34,500	
of which:				
(a) EIB loan	0	0	0	
3. State budget(s)	0	0	0	
4. Regional/ local budget(s)	0	0	0	
5. Income generated by the action	0	0	0	
6. Other sources	0	0	0	
<b>TOTAL</b>	<b>69,000</b>	<b>400,000</b>	<b>69,000</b>	



**Table 2: Indicative breakdown per activity and per beneficiary of estimated eligible costs of the action by activity (EUR)**

Activities	2015	2016	2017	Total	Pro-rata share of the estimated eligible costs (%)
<b>ELIGIBLE DIRECT COSTS</b>					
Activity 1	2,847,276	8,815,598	9,391,495	21,054,369	68.73
DE	700,000	4,000,000	7,020,000	11,720,000	38.26
ERTICO	120,420	221,405	235,200	577,025	1.88
MM	36,000	108,000	61,000	205,000	0.67
ACI	8,800	23,000	25,500	57,300	0.19
AutBren	31,000	46,000	9,000	86,000	0.28
Beta	25,000	15,000	10,000	50,000	0.16
UNITN	8,173	37,691	26,518	72,382	0.24
Piaggio	0	0	0	0	0
TI	11,458	118,334	21,208	151,000	0.49
AREU	60,200	74,350	12,950	147,500	0.48
CUE	16,000	86,000	42,000	144,000	0.47
IE	200,000	487,500	270,000	957,500	3.13
CAT	0	0	0	0	0
IES	14,300	48,500	27,900	90,700	0.3
IRU	5,000	38,500	38,500	82,000	0.27
LU	100,000	128,000	60,000	288,000	0.94

KTM	0	0	0	0	0	0	0	0	0
CUT	34,750	176,250	32,750	243,750	0.8				
CY	131,500	242,000	162,500	536,000	1.75				
ISKR	136,010	120,610	0	256,620	0.84				
YAM	0	0	0	0	0				
TS	97,900	307,100	0	405,000	1.32				
SI	241,914	209,656	0	451,570	1.47				
POLIMI	0	0	0	0	0				
UNIMORE	53,000	53,000	51,000	157,000	0.51				
VIT	0	0	0	0	0				
WOB	8,000	45,500	23,500	77,000	0.25				
STB	8,000	45,500	23,500	77,000	0.25				
CZ MDCR	5,900	7,700	6,300	19,900	0.06				
DEKRA	0	0	0	0	0				
TELS	0	0	0	0	0				
GMVIS	42,890	95,824	23,712	162,426	0.53				
MEO	14,000	35,000	10,000	59,000	0.19				
ICOM	0	0	0	0	0				
INTERG	195,595	134,669	25,346	355,610	1.16				
VODAFONE	11,316	22,630	11,317	45,263	0.15				
IEP	67,913	139,335	24,337	231,585	0.76				
NOS	19,290	21,720	27,150	68,160	0.22				
IMT	13,450	18,450	6,500	38,400	0.13				
PT	35,020	35,020	35,020	105,060	0.34				

BMW	0	0	0	0	0	0	0
BOSCH	0	0	0	0	0	0	0
CZ MIGD	7,600	79,000	1,600	88,200	0.29		
CTAG	0	30,000	49,900	79,900	0.26		
FICOSA	15,968	57,348	47,084	120,400	0.39		
CEIT	8,934	35,736	26,802	71,472	0.23		
TEAMNET	18,800	206,400	161,200	386,400	1.26		
URA	3,900	28,400	27,800	60,100	0.2		
CETEM	2,775	8,225	5,450	16,450	0.05		
CRF	2,000	52,800	50,800	105,600	0.34		
FI	20,500	464,500	337,500	822,500	2.69		
BG	0	156,945	43,651	200,596	0.65		
COSMOTE	26,000	124,000	77,000	227,000	0.74		
ICCS	37,000	166,000	106,000	309,000	1.01		
EL	25,000	63,000	43,000	131,000	0.43		
PTL	23,000	23,000	13,000	59,000	0.19		
G4S	180,000	155,000	65,000	400,000	1.31		
eTrikala	23,000	23,000	13,000	59,000	0.19		
Activity 2	443,148	1,298,093	943,364	2,684,605	8.76		
DE	0	0	0	0	0		
ERTICO	0	0	0	0	0		
MM	29,000	65,000	35,500	129,500	0.42		
ACI	0	0	0	0	0		
AutBren	13,000	27,000	15,000	55,000	0.18		

<b>Beta</b>	0	0	0	0	0	0	0	0	0
<b>UNITN</b>	0	0	0	0	0	0	0	0	0
<b>Piaggio</b>	0	0	0	0	0	0	0	0	0
<b>TI</b>	0	0	0	0	0	0	0	0	0
<b>AREU</b>	5,400	7,200	5,400	18,000	0.06				
<b>CUE</b>	0	0	0	0	0	0	0	0	0
<b>IE</b>	0	0	0	0	0	0	0	0	0
<b>CAT</b>	61,000	111,000	109,000	281,000	0.92				
<b>IES</b>	0	0	0	0	0	0	0	0	0
<b>IRU</b>	20,000	140,000	140,000	300,000	0.98				
<b>LU</b>	16,000	27,000	7,000	50,000	0.16				
<b>KTM</b>	0	0	0	0	0	0	0	0	0
<b>CUT</b>	2,500	24,500	35,200	62,200	0.2				
<b>CY</b>	0	17,500	17,500	35,000	0.11				
<b>ISKR</b>	1,900	3,800	1,900	7,600	0.02				
<b>YAM</b>	0	0	0	0	0	0	0	0	0
<b>TS</b>	8,400	16,800	8,400	33,600	0.11				
<b>SI</b>	1,465	2,930	1,465	5,860	0.02				
<b>POLIMI</b>	0	0	0	0	0	0	0	0	0
<b>UNIMORE</b>	15,000	15,000	15,000	45,000	0.15				
<b>VIT</b>	48,000	204,000	231,000	483,000	1.58				
<b>WOB</b>	0	1,000	1,000	2,000	0.01				
<b>STB</b>	0	1,000	1,000	2,000	0.01				
<b>CZMDCR</b>	2,100	2,100	0	4,200	0.01				

DEKRA	25,000	147,000	25,000	197,000	0.64
TELS	63,000	86,000	4,000	153,000	0.5
GMVIS	0	39,282	13,077	52,359	0.17
MEO	0	0	0	0	0
ICOM	30,586	61,624	30,586	122,796	0.4
INTERG	0	43,460	43,460	86,920	0.28
VODAFONE	0	0	0	0	0
IEP	0	0	0	0	0
NOS	0	0	0	0	0
IMT	12,100	12,100	4,750	28,950	0.09
PT	1,947	1,947	1,947	5,841	0.02
BMW	0	0	0	0	0
BOSCH	0	0	0	0	0
CZ MIGD	800	800	400	2,000	0.01
CTAG	14,000	26,000	19,104	59,104	0.19
FICOSA	10,450	33,700	27,850	72,000	0.24
CEIT	0	0	0	0	0
TEAMNET	26,000	54,550	72,525	153,075	0.5
URA	0	0	0	0	0
CETEM	0	0	0	0	0
CRF	22,000	38,800	40,800	101,600	0.33
FI	6,500	80,000	25,000	111,500	0.36
BG	0	0	0	0	0
COSMOTE	1,000	1,000	500	2,500	0.01

ICCS	3,000	3,000	3,000	3,000	3,000	9,000	0.03
EL	1,000	1,000	1,000	1,000	1,000	3,000	0.01
PTL	1,000	1,000	1,000	3,000	3,000	5,000	0.02
G4S	0	0	0	0	0	0	0
eTrikala	1,000	1,000	1,000	3,000	3,000	5,000	0.02
Activity 3	1,115,359	2,245,286	1,400,676	4,761,321	15.54		
DE	0	0	0	0	0	0	0
ERTICO	0	0	0	0	0	0	0
MM	0	0	0	0	0	0	0
ACI	0	0	0	0	0	0	0
AutBren	3,000	3,000	0	6,000	0.02		
Beta	0	0	0	0	0	0	0
UNITN	0	0	0	0	0	0	0
Piaggio	76,250	166,250	107,500	350,000	1.14		
TI	0	0	0	0	0	0	0
AREU	5,400	7,200	5,400	18,000	0.06		
CUE	0	4,000	4,000	8,000	0.03		
IE	0	0	0	0	0	0	0
CAT	25,000	74,000	72,000	171,000	0.56		
IES	0	0	0	0	0	0	0
IRU	0	0	0	0	0	0	0
LU	0	0	0	0	0	0	0
KTM	180,000	200,000	100,000	480,000	1.57		
CUT	3,000	14,000	14,000	31,000	0.1		

CY	0	0	0	0	0	0	0	0	0
ISKR	0	0	0	0	0	0	0	0	0
YAM	70,000	220,000	110,000	400,000	1.31				
TS	0	0	0	0	0				
SI	0	0	0	0	0				
POLIMI	62,000	62,000	64,000	188,000	0.61				
UNIMORE	6,000	6,000	6,000	18,000	0.06				
VIT	0	0	0	0	0				
WOB	0	1,000	1,000	2,000	0.01				
STB	0	1,000	1,000	2,000	0.01				
CZMDCR	0	0	0	0	0				
DEKRA	0	0	0	0	0				
TELS	0	0	0	0	0				
GMVIS	0	0	0	0	0				
MEO	0	0	0	0	0				
ICOM	44,174	88,346	44,171	176,691	0.58				
INTERG	0	0	0	0	0				
VODAFONE	0	0	0	0	0				
IEP	0	0	0	0	0				
NOS	0	0	0	0	0				
IMT	0	0	0	0	0				
PT	0	0	0	0	0				
BMW	85,000	290,000	105,000	480,000	1.57				
BOSCH	475,000	800,000	568,000	1,843,000	6.02				

CZ MGD	0	0	0	0	0	0	0	0	0
CTAG	0	0	0	0	0	0	0	0	0
FICOSA	0	0	0	0	0	0	0	0	0
CEIT	57,385	229,540	172,155	459,080	1.5				
TEAMNET	0	0	0	0	0	0	0	0	0
URA	0	0	0	0	0	0	0	0	0
CETEM	15,650	71,950	14,950	102,550	0.33				
CRF	0	0	0	0	0	0	0	0	0
FI	0	0	0	0	0	0	0	0	0
BG	0	0	0	0	0	0	0	0	0
COSMOTE	1,500	1,500	2,000	5,000	0.02				
ICCS	3,000	2,500	2,500	8,000	0.03				
EL	1,000	1,000	1,000	3,000	0.01				
PTL	1,000	1,000	3,000	5,000	0.02				
G4S	0	0	0	0	0	0	0	0	0
eTrikala	1,000	1,000	3,000	5,000	0.02				
Activity 4	127,607	779,308	341,319	1,248,234	4.07				
DE	0	0	0	0	0	0	0	0	0
ERTICO	0	0	0	0	0	0	0	0	0
MM	0	0	0	0	0	0	0	0	0
ACI	3,550	13,750	10,200	27,500	0.09				
AutBren	18,000	24,000	0	42,000	0.14				
Beta	2,500	45,000	45,000	92,500	0.3				
UNITN	8,399	33,596	25,197	67,192	0.22				





GMVIS	0	26,055	12,867	38,922	0.13
MEO	0	0	0	0	0
ICOM	0	0	0	0	0
INTERG	0	51,250	51,250	102,500	0.33
VODAFONE	0	0	0	0	0
IEP	0	0	0	0	0
NOS	0	0	0	0	0
IMT	0	0	0	0	0
PT	3,893	3,893	3,893	11,679	0.04
BMW	0	0	0	0	0
BOSCH	0	0	0	0	0
CZMIGD	0	0	0	0	0
CTAG	0	0	0	0	0
FICOSA	0	0	0	0	0
CEIT	0	0	0	0	0
TEAMNET	14,000	97,800	0	111,800	0.36
URA	0	0	0	0	0
CETEM	0	0	0	0	0
CRF	0	0	0	0	0
FI	0	170,000	4,000	174,000	0.57
BG	0	88,834	20,547	109,381	0.36
COSMOTE	3,500	3,000	3,000	9,500	0.03
ICCS	4,000	4,500	4,500	13,000	0.04
EL	1,000	4,000	3,000	8,000	0.03

PTL	0	0	0	0	0	0	0	0	0
G4S	0	0	0	0	0	0	0	0	0
eTrikala	0	0	0	0	0	0	0	0	0
Activity 5	94,706	477,859	310,865	883,430	2.88				
DE	0	0	0	0	0	0	0	0	0
ERTICO	0	0	0	0	0	0	0	0	0
MM	0	0	0	0	0	0	0	0	0
ACI	0	0	0	0	0	0	0	0	0
AutBren	0	0	0	0	0	0	0	0	0
Beta	2,500	42,500	27,500	72,500	0.24				
UNITN	0	0	0	0	0	0	0	0	0
Piaggio	0	0	0	0	0	0	0	0	0
TI	0	0	0	0	0	0	0	0	0
AREU	0	0	0	0	0	0	0	0	0
CUE	0	4,000	4,000	8,000	0.03				
IE	0	0	0	0	0	0	0	0	0
CAT	15,000	30,000	30,000	75,000	0.24				
IES	6,000	23,500	20,000	49,500	0.16				
IRU	0	0	0	0	0	0	0	0	0
LU	12,000	21,000	7,000	40,000	0.13				
KTM	0	0	0	0	0	0	0	0	0
CUT	9,750	43,250	120,050	173,050	0.56				
CY	4,000	33,500	10,500	48,000	0.16				
ISKR	20,900	60,400	13,300	94,600	0.31				

YAM	0	0	0	0	0	0	0
TS	3,600	7,200	3,600	14,400	0.05		
SI	1,465	2,930	1,465	5,860	0.02		
POLIMI	0	0	0	0	0		
UNIMORE	0	0	0	0	0		
VIT	0	0	0	0	0		
WOB	0	0	0	0	0		
STB	0	0	0	0	0		
CZ MDCR	0	0	0	0	0		
DEKRA	0	0	0	0	0		
TELS	0	0	0	0	0		
GMVIS	0	0	0	0	0		
MEO	0	0	0	0	0		
ICOM	0	0	0	0	0		
INTERG	0	0	0	0	0		
VODAFONE	0	0	0	0	0		
IEP	0	0	0	0	0		
NOS	0	0	0	0	0		
IMT	0	0	0	0	0		
PT	0	0	0	0	0		
BMW	0	0	0	0	0		
BOSCH	0	0	0	0	0		
CZ MIGD	0	0	0	0	0		
CTAG	0	0	0	0	0		

<b>FICOSA</b>	<b>11,491</b>	<b>47,861</b>	<b>30,648</b>	<b>90,000</b>	<b>0.29</b>
CEIT	0	0	0	0	0
TEAMNET	0	0	0	0	0
URA	0	0	0	0	0
CETEM	0	0	0	0	0
CRF	0	0	0	0	0
FI	0	0	0	0	0
BG	0	154,718	35,802	190,520	0.62
COSMOTE	3,000	2,000	1,000	6,000	0.02
ICCS	4,000	4,000	4,000	12,000	0.04
EL	1,000	1,000	2,000	4,000	0.01
PTL	0	0	0	0	0
G4S	0	0	0	0	0
eTrikala	0	0	0	0	0
<b>Activity 6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
DE	0	0	0	0	0
ERTICO	0	0	0	0	0
MM	0	0	0	0	0
ACI	0	0	0	0	0
AutBren	0	0	0	0	0
Beta	0	0	0	0	0
UNITN	0	0	0	0	0
Piaggio	0	0	0	0	0
TI	0	0	0	0	0

*Alsa*



ICOM	0	0	0	0	0	0	0
INTERG	0	0	0	0	0	0	0
VODAFONE	0	0	0	0	0	0	0
IEP	0	0	0	0	0	0	0
NOS	0	0	0	0	0	0	0
IMT	0	0	0	0	0	0	0
PT	0	0	0	0	0	0	0
BMW	0	0	0	0	0	0	0
BOSCH	0	0	0	0	0	0	0
CZ MGD	0	0	0	0	0	0	0
CTAG	0	0	0	0	0	0	0
FICOSA	0	0	0	0	0	0	0
CEIT	0	0	0	0	0	0	0
TEAMNET	0	0	0	0	0	0	0
URA	0	0	0	0	0	0	0
CETEM	0	0	0	0	0	0	0
CRF	0	0	0	0	0	0	0
FI	0	0	0	0	0	0	0
BG	0	0	0	0	0	0	0
COSMOTE	0	0	0	0	0	0	0
ICCS	0	0	0	0	0	0	0
EL	0	0	0	0	0	0	0
PTL	0	0	0	0	0	0	0
G4S	0	0	0	0	0	0	0

*Libra*

eTrikala	0	0	0	0	0	0
TOTAL ELIGIBLE DIRECT COSTS	4,628,096	13,616,144	12,387,719	30,631,959	100	
DE	700,000	4,000,000	7,020,000	11,720,000	38.26	
ERTICO	120,420	221,405	235,200	577,025	1.88	
MM	65,000	173,000	96,500	334,500	1.09	
ACI	12,350	36,750	35,700	84,800	0.28	
AutBren	65,000	100,000	24,000	189,000	0.62	
Beta	30,000	102,500	82,500	215,000	0.7	
UNITN	16,572	71,287	51,715	139,574	0.46	
Piaggio	76,250	166,250	107,500	350,000	1.14	
TI	11,458	118,334	21,208	151,000	0.49	
AREU	80,000	100,750	32,750	213,500	0.7	
CUE	18,000	104,000	58,000	180,000	0.59	
IE	200,000	487,500	270,000	957,500	3.13	
CAT	104,000	250,000	246,000	600,000	1.96	
IES	38,300	117,000	78,100	233,400	0.76	
IRU	25,000	178,500	178,500	382,000	1.25	
LU	140,000	198,000	80,000	418,000	1.36	
KTM	180,000	200,000	100,000	480,000	1.57	
CUT	50,000	263,000	214,000	527,000	1.72	
CY	140,000	326,000	201,000	667,000	2.18	
ISKR	162,610	190,510	20,900	374,020	1.22	
YAM	70,000	220,000	110,000	400,000	1.31	
TS	109,900	331,100	12,000	453,000	1.48	



SI	246,309	218,446	4,395	469,150	1.53
POLIMI	62,000	62,000	64,000	188,000	0.61
UNIMORE	74,000	74,000	72,000	220,000	0.72
VIT	58,000	244,000	271,000	573,000	1.87
WOB	10,500	49,000	25,500	85,000	0.28
STB	10,500	49,000	25,500	85,000	0.28
CZ MDCR	8,000	9,800	6,300	24,100	0.08
DEKRA	25,000	147,000	25,000	197,000	0.64
TELS	63,000	86,000	4,000	153,000	0.5
GMVIS	42,890	161,161	49,656	253,707	0.83
MEO	14,000	35,000	10,000	59,000	0.19
ICOM	74,760	149,970	74,757	299,487	0.98
INTERG	195,595	229,379	120,056	545,030	1.78
VODAFONE	11,316	22,630	11,317	45,263	0.15
IEP	67,913	139,335	24,337	231,585	0.76
NOS	19,290	21,720	27,150	68,160	0.22
IMT	25,550	30,550	11,250	67,350	0.22
PT	40,860	40,860	40,860	122,580	0.4
BMW	85,000	290,000	105,000	480,000	1.57
BOSCH	475,000	800,000	568,000	1,843,000	6.02
CZ MIGD	8,400	79,800	2,000	90,200	0.29
CTAG	14,000	56,000	69,004	139,004	0.45
FICOSA	37,909	138,909	105,582	282,400	0.92
CEIT	66,319	265,276	198,957	530,552	1.73

*Eda*

TEAMNET	58,800	358,750	233,725	651,275	2.13
URA	3,900	28,400	27,800	60,100	0.2
CETEM	18,425	80,175	20,400	119,000	0.39
CRF	24,000	91,600	91,600	207,200	0.68
FI	27,000	714,500	366,500	1,108,000	3.62
BG	0	400,497	100,000	500,497	1.63
COSMOTE	35,000	131,500	83,500	250,000	0.82
ICCS	51,000	180,000	120,000	351,000	1.15
EL	29,000	70,000	50,000	149,000	0.49
PTL	25,000	25,000	19,000	69,000	0.23
G4S	180,000	155,000	65,000	400,000	1.31
eTrikala	25,000	25,000	19,000	69,000	0.23

**Table 3: Indicative breakdown per beneficiary of the maximum CEF contribution (EUR)**

	<b>Estimated contribution</b>	<b>Pro-rata share of the maximum CEF contribution (%)</b>
<b>DE</b>	<b>5,860,000</b>	<b>38.26%</b>
<b>ERTICO</b>	<b>288,512.5</b>	<b>1.88%</b>
<b>MM</b>	<b>167,250</b>	<b>1.09%</b>
<b>ACI</b>	<b>42,400</b>	<b>0.28%</b>
<b>AutBren</b>	<b>94,500</b>	<b>0.62%</b>
<b>Beta</b>	<b>107,500</b>	<b>0.7%</b>
<b>UNITN</b>	<b>69,787</b>	<b>0.46%</b>
<b>Piaggio</b>	<b>175,000</b>	<b>1.14%</b>
<b>TI</b>	<b>75,500</b>	<b>0.49%</b>
<b>AREU</b>	<b>106,750</b>	<b>0.7%</b>
<b>CUE</b>	<b>90,000</b>	<b>0.59%</b>
<b>IE</b>	<b>478,750</b>	<b>3.13%</b>
<b>CAT</b>	<b>300,000</b>	<b>1.96%</b>
<b>IES</b>	<b>116,700</b>	<b>0.76%</b>
<b>IRU</b>	<b>191,000</b>	<b>1.25%</b>
<b>LU</b>	<b>209,000</b>	<b>1.36%</b>
<b>KTM</b>	<b>240,000</b>	<b>1.57%</b>
<b>CUT</b>	<b>263,500</b>	<b>1.72%</b>
<b>CY</b>	<b>333,500</b>	<b>2.18%</b>
<b>ISKR</b>	<b>187,010</b>	<b>1.22%</b>
<b>YAM</b>	<b>200,000</b>	<b>1.31%</b>
<b>TS</b>	<b>226,500</b>	<b>1.48%</b>
<b>SI</b>	<b>234,575</b>	<b>1.53%</b>
<b>POLIMI</b>	<b>94,000</b>	<b>0.61%</b>
<b>UNIMORE</b>	<b>110,000</b>	<b>0.72%</b>
<b>VIT</b>	<b>286,500</b>	<b>1.87%</b>
<b>WOB</b>	<b>42,500</b>	<b>0.28%</b>
<b>STB</b>	<b>42,500</b>	<b>0.28%</b>
<b>CZ MDCR</b>	<b>12,050</b>	<b>0.08%</b>

<b>DEKRA</b>	<b>98,500</b>	<b>0.64%</b>
<b>TELS</b>	<b>76,500</b>	<b>0.5%</b>
<b>GMVIS</b>	<b>126,853.5</b>	<b>0.83%</b>
<b>MEO</b>	<b>29,500</b>	<b>0.19%</b>
<b>ICOM</b>	<b>149,743.5</b>	<b>0.98%</b>
<b>INTERG</b>	<b>272,515</b>	<b>1.78%</b>
<b>VODAFONE</b>	<b>22,631.5</b>	<b>0.15%</b>
<b>IEP</b>	<b>115,792.5</b>	<b>0.76%</b>
<b>NOS</b>	<b>34,080</b>	<b>0.22%</b>
<b>IMT</b>	<b>33,675</b>	<b>0.22%</b>
<b>PT</b>	<b>61,290</b>	<b>0.4%</b>
<b>BMW</b>	<b>240,000</b>	<b>1.57%</b>
<b>BOSCH</b>	<b>921,500</b>	<b>6.02%</b>
<b>CZ MIGD</b>	<b>45,100</b>	<b>0.29%</b>
<b>CTAG</b>	<b>69,502</b>	<b>0.45%</b>
<b>FICOSA</b>	<b>141,200</b>	<b>0.92%</b>
<b>CEIT</b>	<b>265,276</b>	<b>1.73%</b>
<b>TEAMNET</b>	<b>325,637.5</b>	<b>2.13%</b>
<b>URA</b>	<b>30,050</b>	<b>0.2%</b>
<b>CETEM</b>	<b>59,500</b>	<b>0.39%</b>
<b>CRF</b>	<b>103,600</b>	<b>0.68%</b>
<b>FI</b>	<b>554,000</b>	<b>3.62%</b>
<b>BG</b>	<b>250,248.5</b>	<b>1.63%</b>
<b>COSMOTE</b>	<b>125,000</b>	<b>0.82%</b>
<b>ICCS</b>	<b>175,500</b>	<b>1.15%</b>
<b>EL</b>	<b>74,500</b>	<b>0.49%</b>
<b>PTL</b>	<b>34,500</b>	<b>0.23%</b>
<b>G4S</b>	<b>200,000</b>	<b>1.31%</b>
<b>eTrikala</b>	<b>34,500</b>	<b>0.23%</b>
<b>Total</b>	<b>15,315,979.5</b>	<b>100%</b>

**ANNEX IV  
MANDATE 1**

I, the undersigned,

Didier Gorteman, CFO,

representing,

EUROPEAN ROAD TRANSPORT TELEMATICS IMPLEMENTATION  
COORDINATION ORGANISATION - INTELLIGENT TRANSPORT SYSTEMS &  
SERVICES EUROPE (ERTICO)

Registration No 0445743506

Avenue Louise 326

1050 Brussels

Belgium

VAT No BE0445743506,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement  
No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled  
"I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as  
"the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)

Friedrichswall 1

30159 Hannover

Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.



I hereby accept that the beneficiary will do everything in its power to help the coordinator fulfil its obligations under the grant agreement, and in particular, to provide to the coordinator, on its request, whatever documents or information may be required.

I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Didier Gorteman, CFO

Done at Brussels, on

In duplicate in English

## MANDATE 2

I, the undersigned,

Francesco Vecchia, CFO Business Line I&T,

representing,

MAGNETI MARELLI S.P.A. (MM)

Registration No 08082990014

VIALE ALDO BORLETTI 61/63

20011 MILANO

Italy

VAT No 08082990014,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)

Friedrichswall 1

30159 Hannover

Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

I hereby accept that the beneficiary will do everything in its power to help the coordinator fulfil its obligations under the grant agreement, and in particular, to provide to the coordinator, on its request, whatever documents or information may be required.

I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Francesco Vecchia, CFO Business Line I&T

Done at MILANO, on

In duplicate in English



### MANDATE 3

I, the undersigned,

Angelo Sticchi Damiani, Presidente,

representing,

Automobile Club d'Italia (ACI)

Registration No 00907501001

Via Marsala 8

00185 Roma

Italy

VAT No 00907501001,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)

Friedrichswall 1

30159 Hannover

Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

I hereby accept that the beneficiary will do everything in its power to help the coordinator fulfil its obligations under the grant agreement, and in particular, to provide to the coordinator, on its request, whatever documents or information may be required.



I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Angelo Sticchi Damiani, Presidente

Done at Roma, on

In duplicate in English

## MANDATE 4

I, the undersigned,

Walter Pardatscher, CEO,

representing,

Autostrada del Brennero S.p.A. (AutBren)

Registration No 00210880225

Via Berlino 10

38121 Trento

Italy

VAT No IT00210880225,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)

Friedrichswall 1

30159 Hannover

Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

I hereby accept that the beneficiary will do everything in its power to help the coordinator fulfil its obligations under the grant agreement, and in particular, to provide to the coordinator, on its request, whatever documents or information may be required.



I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Walter Pardatscher, CEO

Done at Trento, on

In duplicate in English

A handwritten signature in dark ink, appearing to be 'J. L. ...', located at the bottom right of the page.

## MANDATE 5

I, the undersigned,

Oscar Bocchini, -,

representing,

Beta 80 S.p.A. (Beta)  
Registration No MI 08540780155  
via Socrate 41  
20141 Milan  
Italy  
VAT No 13274760159,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany  
represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,
- and
2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

I hereby accept that the beneficiary will do everything in its power to help the coordinator fulfil its obligations under the grant agreement, and in particular, to provide to the coordinator, on its request, whatever documents or information may be required.

I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Oscar Bocchini, -

Done at Milan, on

In duplicate in English

## MANDATE 6

I, the undersigned,

Paolo Collini, Professor,

representing,

Università degli Studi di Trento (UNITN)  
Via Calepina 14  
38122 Trento  
Italy

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

I hereby accept that the beneficiary will do everything in its power to help the coordinator fulfil its obligations under the grant agreement, and in particular, to provide to the coordinator, on its request, whatever documents or information may be required.

I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the



beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Paolo Collini, Professor

Done at Trento, on

In duplicate in English

A handwritten signature in dark ink, appearing to be 'P. Collini', is located in the bottom right corner of the page.



## MANDATE 7

I, the undersigned,

Mauro Prignoli, -,

representing,

PIAGGIO & C. SPA (Piaggio)  
Registration No 134077  
VIALE RINALDO PIAGGIO 25  
56025 PONTEDERA  
Italy  
VAT No 01551260506,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany  
represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

I hereby accept that the beneficiary will do everything in its power to help the coordinator fulfil its obligations under the grant agreement, and in particular, to provide to the coordinator, on its request, whatever documents or information may be required.



I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Mauro Prignoli, -

Done at PONTEDERA, on

In duplicate in English

## MANDATE 8

I, the undersigned,

Manuela Carra, -,

representing,

Telecom Italia S.p.A. (TI)  
Registration No 00488410010  
Via Gaetano Negri 1  
20123 Milano  
Italy  
VAT No 00488410010,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany  
represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Manuela Carra, -

Done at Milano, on

In duplicate in English

A handwritten signature in dark ink, appearing to be 'C. Carra', is located in the bottom right corner of the page.

## MANDATE 9

I, the undersigned,

Alberto Zoli, -,

representing,

Azienda Regionale Emergenza Urgenza (AREU)  
via Campanini 6  
20124 Milano  
Italy

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the



beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

**SIGNATURE**

Alberto Zoli, -

Done at Milano, on

In duplicate in English

## MANDATE 10

I, the undersigned,

Luisa Zappini, -,

representing,

Provincia Autonoma di Trento - Centrale Unica Emergenza (CUE)

P.zza Dante 15

38122 trento

Italy

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)

Friedrichswall 1

30159 Hannover

Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the



beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Luisa Zappini, -

Done at trento, on

In duplicate in English





## MANDATE 11

I, the undersigned,

Katherine Licken, Assistant Secretary General,

representing,

Department of Communications, Energy and Natural Resources (IE)  
Adelaide Road 29-31  
Dublin 2 Dublin  
Ireland

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the



beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Katherine Licken, Assistant Secretary General

Done at Dublin, on

In duplicate in English

A handwritten signature in black ink, appearing to be 'K. Licken', located at the bottom right of the page.

## MANDATE 12

I, the undersigned,

Antonia Jenkinson, -,

representing,

Satellite Applications Catapult (CAT)

Registration No 07964746

Electron Building, Fermi Avenue

OX11 0QR Harwell

United Kingdom

VAT No 161692501,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)

Friedrichswall 1

30159 Hannover

Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Antonia Jenkinson, -

Done at Harwell, on

In duplicate in English

### MANDATE 13

I, the undersigned,

Paola Marconi, -,

representing,

Intelligence for Environment & Security - IES Solutions s.r.l. (IES)

Registration No 08249501001

Via Monte Senario 98

00141 Roma

Italy

VAT No 08249501001,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)

Friedrichswall 1

30159 Hannover

Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Paola Marconi, -

Done at Roma, on

In duplicate in English

## MANDATE 14

I, the undersigned,

Michael Nielsen, Secretary General,

representing,

IRU Projects ASBL (IRU)  
Registration No 849619733  
Avenue de Tervuren 32-34  
1040 Brussels  
Belgium  
VAT No N.A.,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Michael Nielsen, Secretary General

Done at Brussels, on

In duplicate in English



## MANDATE 15

I, the undersigned,

Dan Kersch, Minister of Home Affairs,

representing,

Administration des Services de Secours (LU)  
rue Robert Stumper 1  
L-2557 Luxembourg  
Luxembourg

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the



beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Dan Kersch, Minister of Home Affairs

Done at Luxembourg, on

In duplicate in English

A handwritten signature in dark ink, appearing to be 'Cebā', is located in the bottom right corner of the page.

## MANDATE 16

I, the undersigned,

Stefan Pierer, DI,

representing,

KTM AG (KTM)  
Registration No FN 107673 v  
Stallhofner Straße 3  
5230 Mattighofen  
Austria  
VAT No ATU23481505,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany  
represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Stefan Pierer, DI

Done at Mattighofen, on

In duplicate in English

## MANDATE 17

I, the undersigned,

Charalambos Chrisostomou, Director of Research and International Relations,

representing,

Cyprus University of Technology (CUT)  
Archiepiskopou Kyprianou 30  
3036 Limassol  
Cyprus

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

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beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Charalambos Chrisostomou, Director of Research and International Relations

Done at Limassol, on

In duplicate in English



## MANDATE 18

I, the undersigned,

Loucas Timotheou, Director,

representing,

Department of Electrical and Mechanical Services (CY)  
Agiou Ilarionos Avenue, Kaimakli N/A  
1426 Nicosia  
Cyprus

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany  
represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

I hereby accept that the beneficiary will do everything in its power to help the coordinator fulfil its obligations under the grant agreement, and in particular, to provide to the coordinator, on its request, whatever documents or information may be required.

I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the



beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

## SIGNATURE

Loucas Timotheou, Director

Done at Nicosia, on

In duplicate in English

A handwritten signature in dark ink, appearing to be 'Lika', is located in the bottom right corner of the page.



## MANDATE 19

I, the undersigned,

Željko Puljić, -,

representing,

Iskratel, d.o.o., Kranj (ISKR)  
Registration No 5293162000  
Ljubljanska c. 24a  
4000 Kranj  
Slovenia  
VAT No SI49029827,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany  
represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Željko Puljić, -

Done at Kranj, on

In duplicate in English



## MANDATE 20

I, the undersigned,

Kazuhiro Kuwata, -,

representing,

Yamaha Motor Europe N.V. (YAM)

Registration No 34081613

Koolhovenlaan 101

1119 NC Schiphol-Rijk

Netherlands

VAT No NL001620022B01,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)

Friedrichswall 1

30159 Hannover

Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Kazuhiro Kuwata, -

Done at Schiphol-Rijk, on

In duplicate in English

A handwritten signature in dark ink, appearing to be 'CKW', is located in the bottom right corner of the page.

## MANDATE 21

I, the undersigned,

Tomaz Seljak, mag.,

representing,

Telekom Slovenije, d.d. (TS)  
Registration No 5014018000  
Cigaletova 15  
SI-1000 Ljubljana  
Slovenia  
VAT No SI98511734,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany  
represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

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and

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Tomaz Seljak, mag.

Done at Ljubljana, on

In duplicate in English

## MANDATE 22

I, the undersigned,

Darko But, -,

representing,

Ministry of Defence, Administration of the RS for Civil Protection and Disaster Relief (SI)  
Vojkova 61  
SI-1000 Ljubljana  
Slovenia

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the



beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Darko But, -

Done at Ljubljana, on

In duplicate in English



## MANDATE 23

I, the undersigned,

Gianantonio Magnani, Prof.,

representing,

Politecnico di Milano (POLIMI)  
Piazza L. Da Vinci 32  
20133 Milano  
Italy

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the



beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

## SIGNATURE

Gianantonio Magnani, Prof.

Done at Milano, on

In duplicate in English

A handwritten signature in black ink, appearing to be 'GM', located at the bottom right of the page.

## MANDATE 24

I, the undersigned,

Angelo Oreste Andrisano, Professor,

representing,

Università degli studi di Modena e Reggio Emilia (UNIMORE)  
via Università 4  
41121 Modena  
Italy

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the

beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

## SIGNATURE

Angelo Oreste Andrisano, Professor

Done at Modena, on

In duplicate in English

## MANDATE 25

I, the undersigned,

Vladimir Mekota, - and Milan Jurik, - ,

representing,

Vitkovice IT SOLUTIONS a.s. (VIT)

Registration No 28606528

Cihelni 1575/14

702 00 Moravska Ostrava, Ostrava

Czech Republic

VAT No CZ28606582,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)

Friedrichswall 1

30159 Hannover

Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Vladimir Mekota, -

Milan Jurik, -

Done at Moravska Ostrava, Ostrava, on

In duplicate in English

## MANDATE 26

I, the undersigned,

Daniela Krier, EU-Coordinator,

representing,

Stadt Wolfsburg (WOB)  
Porschestra. 49  
38440 Wolfsburg  
Germany

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the



beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Daniela Krier, EU-Coordinator

Done at Wolfsburg, on

In duplicate in English



## MANDATE 27

I, the undersigned,

Jens Schur, PSAP coordinator,

representing,

Stadt Braunschweig (STB)  
Platz der deutschen Einheit 1  
38100 Braunschweig  
Germany

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

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beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Jens Schur, PSAP coordinator

Done at Braunschweig, on

In duplicate in English

## MANDATE 28

I, the undersigned,

Dan Ťok, Minister of Transport,

representing,

Ceska republika – Ministerstvo dopravy (CZ MDCR)

Nabrezi Ludvika Svobody 1222/12

110 15 Praha 1

Czech Republic

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)

Friedrichswall 1

30159 Hannover

Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the

beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

**SIGNATURE**

Dan Ťok, Minister of Transport

Done at Praha 1, on

In duplicate in English

A handwritten signature in dark ink, appearing to be 'W. Š.' or similar, located at the bottom right of the page.

## MANDATE 29

I, the undersigned,

Zikmund Mroz, - and Ilja Nemecek, - ,

representing,

DEKRA CZ a.s. (DEKRA)  
Registration No 49240188  
Türkova 1001  
149 00 Praha 4  
Czech Republic  
VAT No CZ49240188,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

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This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Zikmund Mroz, -

Ilja Nemecek, -

Done at Praha 4, on

In duplicate in English

A handwritten signature in dark ink, appearing to be 'L. Nemecek', is located at the bottom right of the page.

### MANDATE 30

I, the undersigned,

Tvrzsky Tomas, Director,

representing,

TELEMATIX SOFTWARE a.s. (TELS)

Registration No 26742659

Branicka 66/69

147 00 Praha 4

Czech Republic

VAT No CZ26742659,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)

Friedrichswall 1

30159 Hannover

Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

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This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Tvrzsky Tomas, Director

Done at Praha 4, on

In duplicate in English



### MANDATE 31

I, the undersigned,

Alberto de Pedro Crespo, -,

representing,

GMVIS Skysoft, S.A. (GMVIS)

Registration No 504076418

Av. D. João II, Lote 1.17.02 Torre Fernão de Magalhães, 7º 1.17.02

1998-025 Lisboa

Portugal

VAT No 504076418,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)

Friedrichswall 1

30159 Hannover

Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Alberto de Pedro Crespo, -

Done at Lisboa, on

In duplicate in English

## MANDATE 32

I, the undersigned,

Mario Seborro, -,

representing,

MEO - SERVIÇOS DE COMUNICAÇÕES E MULTIMÉDIA, S.A. (MEO)

Registration No 504615947

Avenida Fontes Pereira de Melo 40

1069-300 Lisboa

Portugal

VAT No 504615947,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)

Friedrichswall 1

30159 Hannover

Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

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and

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This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Mario Seborro, -

Done at Lisboa, on

In duplicate in English

### MANDATE 33

I, the undersigned,

Dragomir Bojkov, COO,

representing,

Icom Ltd (ICOM)  
Registration No 115010439  
Vassil Levski Street 150  
4003 Plovdiv  
Bulgaria  
VAT No BG115010439,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany  
represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

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This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Dragomir Bojkov, COO

Done at Plovdiv, on

In duplicate in English

A handwritten signature in dark ink, appearing to be 'D. Bojkov', is located at the bottom right of the page.

## MANDATE 34

I, the undersigned,

Domingos Lourenco, -,

representing,

Intergraph (Portugal) - Sistemas de Computação Gráfica, S.A. (INTERG)

Registration No 502679468

R. Ivone Silva 6, 3º Esq

1050-124 Lisboa Lisboa

Portugal

VAT No 502679468,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)

Friedrichswall 1

30159 Hannover

Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

I hereby accept that the beneficiary will do everything in its power to help the coordinator fulfil its obligations under the grant agreement, and in particular, to provide to the coordinator, on its request, whatever documents or information may be required.

I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Domingos Lourenco, -

Done at Lisboa, on

In duplicate in English



### MANDATE 35

I, the undersigned,

Joao Nascimento, -,

representing,

VODAFONE PORTUGAL, COMUNICAÇÕES PESSOAIS, S.A. (VODAFONE)

Registration No 502544180

Avenida D. JOÃO II, Parque das Nações LOTE 1.04.01, 8º PISO

1998-017 Lisboa

Portugal

VAT No 502544180,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)

Friedrichswall 1

30159 Hannover

Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Joao Nascimento, -

Done at Lisboa, on

In duplicate in English

## MANDATE 36

I, the undersigned,

Armando Lima, -,

representing,

Instituto Electrotécnico Português (IEP)

Registration No 501314415

Rua de S. Gens 3717

4460-817 Custóias Matosinhos

Portugal

VAT No PT501314415,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)

Friedrichswall 1

30159 Hannover

Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Armando Lima, -

Done at Matosinhos, on

In duplicate in English



## MANDATE 37

I, the undersigned,

Miguel Almeida, CEO,

representing,

NOS Comunicações, S.A. (NOS)

Registration No 04752

Rua Ator António Silva 9

1600-404 Lisboa

Portugal

VAT No 502604751,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)

Friedrichswall 1

30159 Hannover

Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Miguel Almeida, CEO

Done at Lisboa, on

In duplicate in English

## MANDATE 38

I, the undersigned,

Paulo de Andrade, Chairman,

representing,

Instituto da Mobilidade e dos Transportes, I.P. - IMT (IMT)  
Avenida das Forças Armadas 40  
1649-022 Lisboa  
Portugal

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the

beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

## SIGNATURE

Paulo de Andrade, Chairman

Done at Lisboa, on

In duplicate in English





### MANDATE 39

I, the undersigned,

Carlos Manuel Silverio da Palma, Secretary General of the Ministry of Internal Affairs,  
representing,

Ministério da Administração Interna - Secretaria Geral do MAI (PT)  
Rua de São Mamede 23  
1100-533 Lisboa  
Portugal

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

I hereby accept that the beneficiary will do everything in its power to help the coordinator fulfil its obligations under the grant agreement, and in particular, to provide to the coordinator, on its request, whatever documents or information may be required.

I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the



beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

**SIGNATURE**

Carlos Manuel Silverio da Palma, Secretary General of the Ministry of Internal Affairs

Done at Lisboa, on

In duplicate in English

## MANDATE 40

I, the undersigned,

Stephan Schaller, President BMW Motorrad, and Hubert Kuehner, Head of Finance, Business Unit Planning BMW Motorrad,

representing,

Bayerische Motoren Werke Aktiengesellschaft (BMW)  
Registration No 42243  
Petuelring 130  
80788 Muenchen  
Germany  
VAT No DE129273398,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany  
represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

I hereby accept that the beneficiary will do everything in its power to help the coordinator fulfil its obligations under the grant agreement, and in particular, to provide to the coordinator, on its request, whatever documents or information may be required.



I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Stephan Schaller, President BMW Motorrad

Hubert Kuehner, Head of Finance, Business Unit Planning BMW Motorrad

Done at Muenchen, on

In duplicate in English

## MANDATE 41

I, the undersigned,

Dieter Roedder, CR/AE1 Senior Vice President Future Mobility Systems,

representing,

Robert Bosch GmbH (BOSCH)

Registration No HRB14000

Robert-Bosch-Platz 1

70839 Gerlingen

Germany

VAT No DE811128135,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)

Friedrichswall 1

30159 Hannover

Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

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This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Dieter Roedder, CR/AE1 Senior Vice President Future Mobility Systems

Done at Gerlingen, on

In duplicate in English

## MANDATE 42

I, the undersigned,

Roman Bílý, Director of Operational Management Department,

representing,

Ceska republika - Ministerstvo vnitra (CZ MIGD)

Nad Stolou 936/3

170 34 Praha

Czech Republic

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)

Friedrichswall 1

30159 Hannover

Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the



beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Roman Bílý, Director of Operational Management Department

Done at Praha, on

In duplicate in English





### MANDATE 43

I, the undersigned,

Luis Moreno Dieguez, Director General,

representing,

Fundación para la Promoción de la Innovación, Investigación y Desarrollo Tecnológico en la Industria de Automoción de Galicia (CTAG)

Registration No 2000/4

Polígono Industrial A Granxa 249-250

36400 O Porriño

Spain

VAT No ESG36871424,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)

Friedrichswall 1

30159 Hannover

Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

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and

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This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Luis Moreno Dieguez, Director General

Done at O Porriño, on

In duplicate in English

A handwritten signature in dark ink, appearing to be 'LMD', is located at the bottom right of the page.

## MANDATE 44

I, the undersigned,

Jose Maria Serra Permanyer, -,

representing,

Advanced Automotive Antennas, S.L. (FICOSA)

Registration No 2806

Gran Via Carlos III 98

08028 Barcelona

Spain

VAT No ESB62879721,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)

Friedrichswall 1

30159 Hannover

Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

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and

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Jose Maria Serra Permanyer, -

Done at Barcelona, on

In duplicate in English

## MANDATE 45

I, the undersigned,

Jose Ignacio de Carlos Gandasegui, -,

representing,

CEIT-CENTRO DE ESTUDIOS E INVESTIGACIONES TÉCNICAS (CEIT)

Registration No 28/86 SECC. 1A

Paseo de Manuel Lardizábal 15

20.018 San Sebastián

Spain

VAT No G20079695,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)

Friedrichswall 1

30159 Hannover

Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

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and

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This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

**SIGNATURE**

Jose Ignacio de Carlos Gandasegui, -

Done at San Sebastián, on

In duplicate in English

## MANDATE 46

I, the undersigned,

Florin Hoinarescu, Director,

representing,

Teamnet World Professional Services S.R.L. (TEAMNET)  
Registration No J40/14868/14.12.2011  
Bd. Tudor Vladimirescu, Green Gate Building, 7th Floor 22  
050883 Bucharest  
Romania  
VAT No RO29451092,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany  
represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

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This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

**SIGNATURE**

Florin Hoinarescu, Director

Done at Bucharest, on

In duplicate in English

A handwritten signature in dark ink, appearing to be 'Ba' or similar, located at the bottom right of the page.



## MANDATE 47

I, the undersigned,

Ovidiu Folcut, Rector,

representing,

Universitatea Romano-Americana (URA)

Registration No file No 270/P.J./1991

Bd. Expozitiei 1 B

012101 Bucharest

Romania

VAT No N.A.,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)

Friedrichswall 1

30159 Hannover

Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

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and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

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This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Ovidiu Folcut, Rector

Done at Bucharest, on

In duplicate in English

## MANDATE 48

I, the undersigned,

Jose Francisco Puche Forte, General Director,

representing,

Centro Tecnológico del Mueble y la Madera de la Region de Murcia (CETEM)

Registration No MU30855

C/Perales s/n

30510 Yecla

Spain

VAT No ESG30434245,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)

Friedrichswall 1

30159 Hannover

Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

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and

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

**SIGNATURE**

Jose Francisco Puche Forte, General Director

Done at Yecla, on

In duplicate in English

## MANDATE 49

I, the undersigned,

Maria Onida, Finance - Public Funding Manager,

representing,

CRF S.C.p.A. (CRF)  
Registration No 07084560015  
Strada Torino 50  
10043 Orbassano (TO)  
Italy  
VAT No IT07084560015,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Maria Onida, Finance - Public Funding Manager

Done at Orbassano (TO), on

In duplicate in English

## MANDATE 50

I, the undersigned,

Sabina Lindstrom, Director of Unit,

representing,

Republic of Finland, Ministry of Transport and Communications (FI)

Eteläesplanadi 16-18

00023 Government Helsinki

Finland

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)

Friedrichswall 1

30159 Hannover

Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

I hereby accept that the beneficiary will do everything in its power to help the coordinator fulfil its obligations under the grant agreement, and in particular, to provide to the coordinator, on its request, whatever documents or information may be required.

I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the

beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Sabina Lindstrom, Director of Unit

Done at Helsinki, on

In duplicate in English

A handwritten signature in dark ink, appearing to be 'Wa' or similar, located at the bottom right of the page.



## MANDATE 51

I, the undersigned,

Rumiana Bachvarova, Minister of Interior,

representing,

Ministry of Interior of Republic of Bulgaria (BG)

Shesti Septemvri 29

1000 Sofia

Bulgaria

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)

Friedrichswall 1

30159 Hannover

Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

I hereby accept that the beneficiary will do everything in its power to help the coordinator fulfil its obligations under the grant agreement, and in particular, to provide to the coordinator, on its request, whatever documents or information may be required.

I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the



beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

## SIGNATURE

Rumiana Bachvarova, Minister of Interior

Done at Sofia, on

In duplicate in English

## MANDATE 52

I, the undersigned,

George Tsonis, Executive Director, Network Planning and development, fixed and mobile,  
representing,

COSMOTE – Mobile Telecommunications S.A. (COSMOTE)  
Registration No 002410501000  
Kifissias Ave. 99  
15124 Marousi / Athens  
Greece  
VAT No 094493766,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement  
No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled  
"I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as  
"the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany  
represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

I hereby accept that the beneficiary will do everything in its power to help the coordinator fulfil its obligations under the grant agreement, and in particular, to provide to the coordinator, on its request, whatever documents or information may be required.

I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

George Tsonis, Executive Director, Network Planning and development, fixed and mobile

Done at Marousi / Athens, on

In duplicate in English

## MANDATE 53

I, the undersigned,

Yannis Vassiliou, Director,

representing,

Institute of Communication and Computer Systems (ICCS)  
Patisision str. 42  
10682 Athens  
Greece

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany  
represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the



beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Yannis Vassiliou, Director

Done at Athens, on

In duplicate in English

## MANDATE 54

I, the undersigned,

Theopisti Perka, General Secretary of Infrastructure, Transport and Networks,

representing,

Ministry of Infrastructure, Transport and Networks (EL)  
Anastaseos & Tsigante 2  
15669 Papagos  
Greece

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

I hereby accept that the beneficiary will do everything in its power to help the coordinator fulfil its obligations under the grant agreement, and in particular, to provide to the coordinator, on its request, whatever documents or information may be required.

I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the



beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Theopisti Perka, General Secretary of Infrastructure, Transport and Networks

Done at Papagos, on

In duplicate in English



## MANDATE 55

I, the undersigned,

Konstantinos Papageorgiou, Manager,

representing,

PTL E.P.E. METAFORIKI APOTHIKEUTIKI (PTL)

Registration No 125598201000

Krystalli 53

47100 Arta

Greece

VAT No 800495485,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)

Friedrichswall 1

30159 Hannover

Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Konstantinos Papageorgiou, Manager

Done at Arta, on

In duplicate in English

A handwritten signature in dark ink, appearing to be 'K. Papageorgiou', is located at the bottom right of the page.

## MANDATE 56

I, the undersigned,

Michail Maltezakis, MD and Nikolaos Barbias, Board Member ,

representing,

G4S TELEMATIX SA (G4S)  
Registration No 155341  
Sorou 7  
14452 METAMORPHOSI / ATHENS  
Greece  
VAT No EL094437930,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany  
represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

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I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Michail Maltezakis, MD

Nikolaos Barbias, Board Member

Done at METAMORPHOSI / ATHENS, on

In duplicate in English

A handwritten signature in dark ink, appearing to be 'Ba' or similar, located at the bottom right of the page.

## MANDATE 57

I, the undersigned,

Odisseas Raptis, CEO,

representing,

ANAPTYXIAKI ETAIREIA DIMOU TRIKKAION ANAPTYXIAKI ANONYMI  
ETAIREIA OTA - E-TRIKALA A (eTrikala)  
Registration No 65591-33-B-08-07  
KALAMPAKAS 28  
42100 TRIKALA  
Greece  
VAT No EL998212331,

hereinafter referred to as "the beneficiary",

for the purposes of the signature and the implementation of the grant agreement No INEA/CEF/TRAN/A2014/1031743 for the Action No 2014-EU-TA-0582-S entitled "I\_HeERO" with the Innovation and Networks Executive Agency (hereinafter referred to as "the grant agreement")

hereby mandate:

Niedersächsisches Ministerium für Wirtschaft, Arbeit und Verkehr (DE)  
Friedrichswall 1  
30159 Hannover  
Germany

represented by Michael Schäfer, (hereinafter referred to as "the coordinator")

1. to sign in my name and on my behalf the grant agreement and its possible subsequent amendments with the Innovation and Networks Executive Agency,

and

2. to act on behalf of the beneficiary in compliance with the grant agreement.

I hereby confirm that the beneficiary accepts all terms and conditions of the grant agreement and, in particular, all provisions affecting the coordinator and the other beneficiaries. In particular, I acknowledge that, by virtue of this mandate, the coordinator alone is entitled to receive funds from the Innovation and Networks Executive Agency and distribute the amounts corresponding to the beneficiary's participation in the action.

I hereby accept that the beneficiary will do everything in its power to help the coordinator fulfil its obligations under the grant agreement, and in particular, to provide to the coordinator, on its request, whatever documents or information may be required.

I hereby declare that the beneficiary agrees that the provisions of the grant agreement, including this mandate, shall take precedence over any other agreement between the beneficiary and the coordinator which may have an effect on the implementation of the grant agreement.

This mandate shall be annexed to the grant agreement and shall form an integral part thereof.

SIGNATURE

Odisseas Raptis, CEO

Done at TRIKALA, on

In duplicate in English

A handwritten signature in dark ink, appearing to be 'Odisseas Raptis', is located at the bottom right of the page.

## **ANNEX V**

### **MODEL FINAL REPORT**

The templates for the final report as referred to in Article II.23 are those provided by the Agency, and are available on the Agency website at the following link:

<http://ec.europa.eu/inea/en/connecting-europe-facility/cef-transport/beneficiaries-info-point>

## **ANNEX VI**

### **MODEL FINANCIAL STATEMENT(S)**

The templates for financial statements as referred to in Article II.23 are those provided by the Agency, and are available on the Agency website at the following link:

<http://ec.europa.eu/inea/en/connecting-europe-facility/cef-transport/beneficiaries-info-point>

## **ANNEX VII**

### **MODEL TERMS OF REFERENCE FOR THE CERTIFICATE ON THE FINANCIAL STATEMENTS**

The model terms of reference for the certificate on the financial statements as referred to in Article II.23 are those provided by the Agency, and are available on the Agency website at the following link:

<http://ec.europa.eu/inea/en/connecting-europe-facility/cef-transport/beneficiaries-info-point>

The model terms of reference for the certificate on the financial statements include templates for:

- the Terms of Reference for an Independent Report of Factual Findings on costs declared under a Grant Agreement financed under the Connecting Europe Facility (CEF), and
- the independent report of factual findings on costs declared under a grant agreement financed under the Connecting Europe Facility (CEF), including its annex.

