

Codice A1811B

D.D. 28 aprile 2023, n. 1221

**CEF Transport 2019. Approvazione Schema modifica Grant Agreement Action "RAIL-TO-AIR Enhancing the RAIL interconnection between TORino urban node, AIRport and related hinterland" (Nr. 2019-IT-TM-0338).**



**ATTO DD 1221/A1800A/2023**

**DEL 28/04/2023**

**DETERMINAZIONE DIRIGENZIALE  
A1800A - OPERE PUBBLICHE, DIFESA DEL SUOLO, PROTEZIONE CIVILE,  
TRASPORTI E LOGISTICA**

**OGGETTO:** CEF Transport 2019. Approvazione Schema modifica Grant Agreement Action "RAIL-TO-AIR Enhancing the RAIL interconnection between TORino urban node, AIRport and related hinterland" (Nr. 2019-IT-TM-0338).

Premesso che:

la Direzione Opere Pubbliche, Difesa del suolo, Protezione civile, Trasporti e Logistica, al fine di partecipare al Bando CEF Transport 2019 – General Envelope denominato "Reflow Call" e di accedere, pertanto, alle risorse messe a disposizione dalla misura contributiva per interventi in infrastrutture di trasporto, ha avviato le procedure di individuazione dell'operatore economico per la redazione del dossier di candidatura;

con decisione della Commissione Europea del 14/8/2020 è stato stabilito l'elenco delle proposte qualificate di "interesse comune" per ricevere l'assistenza finanziaria dell'UE nell'ambito del CEF (Connecting Europe Facility) 2014-2020 Settore dei trasporti;

con D.G.R. n. 6-2032 del 02/10/2020 la Regione ha aderito al bando della Commissione europea CEF Transport 2019 – General Envelope denominato "Reflow Call", con riferimento all'azione denominata "C.4. Actions implementing transport infrastructure in nodes of the Core Network, including urban nodes" nell'ambito del CEF (Connecting Europe Facility) 2014-2020 Settore dei trasporti, tramite l'intervento n. 2019-IT-TM0338-W "RAIL-TO-AIR - Enhancing the RAIL interconnection between TORino urban node, AIRport and related hinterland", approvato dalla Commissione europea con decisione C(2020) 5508 del 14/08/2020 ed ha demandato alla Direzione Opere Pubbliche, Difesa del Suolo, Protezione civile, Trasporti e logistica l'approvazione del testo e la sottoscrizione del Grant Agreement con INEA "The Agency" Innovation and Networks Executive Agency" – Agenzia esecutiva per l'innovazione e le reti, della Commissione europea, per l'attivazione di quanto necessario allo sviluppo dell'azione numero 2019-IT-TM-0338-W intitolata "RAIL-TO-AIR - Enhancing the RAIL interconnection between TORino urban node, AIRport and related hinterland", per l'attuazione dell'azione;

tra gli interventi dell'azione "C.4. Actions implementing transport infrastructure in nodes of the Core Network, including urban nodes" ha trovato approvazione (allegato alla decisione C(2020) 5508 del 14/08/2020) il suddetto intervento promosso dalla Regione Piemonte n. 2019-IT-TM0338-W "RAIL-TO-AIR - Enhancing the RAIL interconnection between TORino urban node, AIRport and related hinterland" per € 73.238.908,00 ottenendo un finanziamento UE per € 14.647.782,00 (pari ad una percentuale di contributo del 20%);

con le disponibilità finanziarie aggiuntive, derivanti dal suddetto finanziamento europeo, sarà possibile realizzare gli interventi di upgrade tecnologico e di sicurezza ferrovia per la linea Torino Ceres presentati nel bando, ovvero la banalizzazione del tratto Torino-Ciriè e la messa in sicurezza del ponte ferroviario sul torrente Stura nel comune di Venaria Reale, la cui attuazione sarà disciplinata con specifica Convenzione da sottoscrivere con il soggetto attuatore S.C.R. Piemonte SpA;

la decisione della Commissione Europea è stata formalizzata con la sottoscrizione, in data 12/11/2020, da parte di INEA-Innovation and Networks Executive Agency, Department C - Connecting Europe Facility (CEF), delegata della Commissione Europea per la materia, e dalla Regione Piemonte, Direzione Opere Pubbliche, Difesa del suolo, Protezione civile, Trasporti e Logistica, del Grant Agreement con il quale si sono definiti i rapporti contrattuali per lo svolgimento dell'azione di cui sopra.

Considerato che:

la pandemia COVID-19 ha determinato un rallentamento delle attività di cantiere. I lavori, infatti, hanno subito un ritardo a causa dei controlli e delle misure protettive specifiche da prendere in considerazione durante l'esecuzione dei lavori, nonché a causa della limitata mobilità sia dei lavoratori che dei fornitori di servizi che ha pregiudicato l'operatività e l'avanzamento complessivo del cantiere;

il quadro complessivo dell'Azione evidenzia che le Attività n. 4 e n.5 sono state completate entro la fine del 2022 e l'Attività n. 2 ha raggiunto un percentuale di completamento oltre il 90% consentendo così di confermarne il completamento entro la scadenza originaria dell'Azione (ovvero giugno 2023);

la Sottoattività 3.2 "Adeguamento del sistema di segnalamento lungo linea", che comprende l'intervento di banalizzazione della tratta ferroviaria Torino-Ciriè, ha subito diversi adeguamenti nel corso del tempo dovuti sia alla complessità della progettazione di una tecnologia da applicare ad alto grado di sicurezza e sia alla necessità di potenziare la linea con l'intervento di banalizzazione sino all'altezza della stazione ferroviaria di Ciriè.

Si ritiene pertanto necessario approvare lo schema di "AMENDMENT N° 1 to AGREEMENT N. INEA/CEF/TRAN/M2019/2110450" (allegato alla presente a farne parte integrante e sostanziale) quale proroga del termine di conclusione delle attività del Grant Agreement, sottoscritto in data 12/11/2020, per l'azione numero 2019-IT-TM-0338-W intitolata "RAIL-TO-AIR - Enhancing the RAIL interconnection between TORino urban node, AIRport and related hinterland", al 31/12/2024.

Attestata la regolarità amministrativa del presente atto ai sensi della D.G.R. n. 1- 4046 del 17 dicembre 2016, come modificata dalla D.G.R. n.1-3361 del 14 giugno 2021.

Tutto ciò premesso e considerato,

## IL DIRETTORE

Richiamati i seguenti riferimenti normativi:

- art. 17, l.r. n. 23/2008 recante "Disciplina dell'organizzazione degli uffici regionali e disposizioni concernenti la dirigenza ed il personale" e s.m.i.;
- D.lgs. 165/2001 "Norme generali sull'ordinamento del lavoro alle dipendenze delle amministrazioni pubbliche" e s.m.i.;
- D.lgs. n. 33/2013, "Riordino della disciplina riguardante gli obblighi di pubblicità, trasparenza e diffusione informazioni da parte delle pubbliche amministrazioni" e s.m.i. e in particolare gli artt 23 e 37;

*determina*

di approvare lo schema di "AMENDMENT N° 1 to AGREEMENT N. INEA/CEF/TRAN/M2019/2110450" (allegato alla presente a farne parte integrante e sostanziale) quale proroga del termine di conclusione delle attività del Grant Agreement, sottoscritto in data 12/11/2020, per l'azione numero 2019-IT-TM-0338-W intitolata "RAIL-TO-AIR - Enhancing the RAIL interconnection between TORino urban node, AIRport and related hinterland", al 31/12/2024;

di autorizzare modifiche non sostanziali al testo approvato con il presente atto.

La presente determinazione sarà pubblicata sul Bollettino Ufficiale della Regione Piemonte ai sensi dell'art. 61 dello Statuto e dell'art. 5 della l.r. n. 22/2010, nonché nel sito istituzionale [www.regione.piemonte.it](http://www.regione.piemonte.it), nella Sezione Amministrazione trasparente, ai sensi degli articoli 23 comma 1, lettera d).

MM / MC

IL DIRETTORE (A1800A - OPERE PUBBLICHE, DIFESA DEL  
SUOLO, PROTEZIONE CIVILE, TRASPORTI E LOGISTICA)  
Firmato digitalmente da Salvatore Martino Femia

Allegato



**European Climate, Infrastructure and Environment Executive Agency**

Sustainable Networks and Investments Department  
Unit B2 - CEF Transport

**AMENDMENT N° 1  
TO AGREEMENT No INEA/CEF/TRAN/M2019/2110450**

The **European Climate, Infrastructure and Environment Executive Agency (CINEA)** ("the Agency"), under the powers delegated by the European Commission ("the Commission"), represented for the purposes of signature of this amendment by the Head of Unit B2 of the Agency, Lucie Zackova,

on the one part,

**and**

**Regione Piemonte (RP)**

Registration No 80087670016

Piazza Castello 165

10124 Torino

Italy

VAT No 02843860012,

represented for the purposes of signature of this amendment by Responsabile Opere pubbliche, difesa del suolo, protezione civile, trasporti e logistica, Salvatore Martino Femia

hereinafter referred to collectively as "the beneficiaries", and individually as "beneficiary" for the purposes of this amendment

on the other part,

Having regard to the above-mentioned grant agreement concluded between the Agency and the beneficiary on 12/11/2020,

Whereas:

- (1) The beneficiary has requested the Agency on 08/03/2023 to amend the above-mentioned grant agreement for the following reason(s): extension of the Action end date.
- (2) The measures provided for in this amendment do not affect the award of the Union financial aid.

HAVE AGREED AS FOLLOWS:

## **Article 1**

(1) Article 2.2 is replaced by the following article:

"2.2 The action shall run from 01/03/2020 ("the starting date") until 31/12/2024 ("the completion date")."

(2) Article 4.1.1 "Reporting periods" is replaced by the following article:

### **"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 2020;
- Reporting period 2 from 1 January 2021 to 31 December 2021;
- Reporting period 3 from 1 January 2022 to 31 December 2022;
- Reporting period 4 from 1 January 2023 to 31 December 2023;
- Last reporting period from 1 January 2024 to the completion date of the action."

(3) Annex I shall read as follows:

## **"ANNEX I DESCRIPTION OF THE ACTION**

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

The action contributes to the implementation of the:

- the core network
  - Corridor(s): Mediterranean
  - Pre-identified section(s) on the core network corridor(s):
    - Lyon - Torino

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

I.2.1 Member State(s): Italy.

I.2.2 Region(s) (using the NUTS2 nomenclature): Piemonte (ITC1).

I.2.3 Third country(ies): not applicable.

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

The Action is part of a global project to bridge the missing link between the core urban node of Torino and the Torino “Caselle” core airport, on the Torino-Ceres railway line. It is located on the Mediterranean Core Network Corridor, in the north-west area of Piedmont Region, in Italy.

In particular, the connection between the Torino city centre and the airport was severed in the recent past following the works for the high-speed railway connection between Torino and Milano. The Action is the last part of the global project to re-establish a connection of the railway line to the airport with the core railway network, leading to the central and international stations of Torino (Porta Susa and Porta Nuova), as well as to the metropolitan network (i.e. SFM).

To achieve its objective, the Action covers works for:

- the construction of a railway tunnel under “Corso Grosseto” avenue, leading to the Rebaudengo railway station on the Torino-Milano railway line. This constitutes the deviation of the Torino-Ceres line from its current alignment, and the decommissioning of stations “Madonna di Campagna” and “Dora”, the latter being the current centralised traffic management centre;
- the upgrading of the safety and security standards of the railway line between the new intersection with the high-speed line and Torino Caselle Airport;
- the creation of a new underground stop along the Corso Grosseto tunnel (i.e. Fermata Grosseto);
- the upgrading of the underground Rebaudengo station where the interconnection between the existing high-speed line and the upgraded – double track – railway line to the airport (Torino – Ceres) will be hosted. This includes:

- o enlargement of the station with a new body of two underground floors, north side in respect to the existing station;
- o realisation of new technical rooms for electrical components serving the new line;
- o new platforms, bidirectional, to allow passengers accessing trains;
- o new access for the upgraded part of the station;
- the restoration of surface urban areas affected by the excavation works needed to realise the new tunnel, i.e. Corso Grosseto avenue and its western and eastern connections to Largo Grosseto and Parco Sempione. This will in particular include:
  - o restitution of the surface to the previous urban functionalities;
  - o restoration of road network (i.e. main course and “controviali”);
  - o restoration of pedestrian and cycle lanes and facilities for crossing, including provisions for persons with reduced mobility;
  - o restoration of complementary facilities such as urban green areas and lighting.

Once accomplished, the Action will unlock the direct rail connection to the airport (counting 4 million passengers/year), thus connecting two modes of long-distance transport and fostering the modal shift from road to rail to reach the airport from several areas of the Region.

## ARTICLE I.4 – ACTIVITIES

### I.4.1 Activities timetable

Activity number	Activity title	Indicative start date	Indicative end date	Milestone number
1	General management and coordination of the Action	01/03/2020	31/12/2024	4, 7, 12, 14, 19, 23, 24, 25
2	Urban railway tunnel realisation	01/03/2020	30/06/2023	1, 8, 9, 16, 20, 22
3	Railway line upgrading ensuring safety and security standards	01/09/2020	30/11/2024	5, 6, 13, 21
4	Railway station and stops realisation	01/03/2020	30/09/2022	2, 10, 15, 18
5	Rehabilitation of urban connectivity	01/03/2020	31/12/2022	3, 11, 17

### I.4.2 Activities description

#### **Activity 1: General management and coordination of the Action**

This Activity covers the overall management of the Action as well as the coordination and supervision of the works. It is broken down in two Sub-activities:

##### Sub-activity 1.1: Technical and administrative coordination of the Action

This Sub-activity foresees the day-to-day technical monitoring, administrative follow-up and financial management of the Action by a working group (WG) composed by staff from Regione Piemonte (RP), the in-house company of RP “Società a Committenza Regione Piemonte - SCR S.p.A.” and selected experts.

In particular, the WG will carry out the technical and financial reporting, stakeholder management (EU, national, contractors), public procurement preparation and management,

risk management, audit, communication and visibility activities.

Sub-activity 1.2: Construction site management and Action finalization

This Sub-activity covers two main tasks:

- a) the works' supervision (i.e. "Direzione Lavori"), carried out by an external contractor selected through a public procurement procedure. The supervision is currently ongoing;
- b) verification procedures to ensure the railway line's functionality and security (i.e. "Messa in esercizio"). This includes, in particular:
  - the technical checks to be made on the railway by running trains without passengers to verify its overall functionality (i.e. "Marcia in bianco");
  - the achievement of a specific certification on these checks as well on the overall infrastructure functionality made by an external auditor, who will state the compliance with the requested standards;
  - the authorisation issuance for the railway line by ANSF ("Agenzia Nazionale per la Sicurezza delle Ferrovie")

The procedures under this sub-activity will be carried out by external contractors to be selected by following public procurement procedures.

Expected deliverables:

- Action implementation plan and management
- Communication plan
- Start-up event of the Action and related documentation
- Annual reports on Action progress
- Contract for the verification of the railway line
- Contract for the certification of works done on the railway line
- Railway operational permit
- Closing event of the Action and related documentation

## **Activity 2: Urban railway tunnel realisation**

This Activity covers the construction of a fully functional railway tunnel under Corso Grosseto. In particular, the activity covers infrastructure works over 2,5 km and superstructure works over 4,1 km (the entire tunnel length). The works will be carried out by an external contractor selected via an open EU public procurement procedure.

It is divided in three Sub-activities.

Sub-activity 2.1: Excavation works, including relocation and reconnection of utility networks

This Sub-activity includes the ongoing excavation works for the construction of a 2,5 km tunnel under Corso Grosseto, 9 m wide and 7 m high, including drainage and the relocation and reconnection of all necessary utility networks. The excavation works will span from pk 1+057,56 to pk 3+539,58 enabling to host a double direction railway line. The works will be carried out by an external contractor selected through an open EU public procurement procedure. Only the relocation and reconnections of utility networks, carried out in strict connection with Sub-activity 5.1, are going to be realised by each single provider and consequently restored by the Beneficiary.



Expected deliverables:

- New tunnel of 2,5 km completed

Sub-activity 2.2: Railway main superstructure works

This Sub-activity covers the superstructure within the tunnel to achieve full functionality of the railway line. In particular, it includes the deployment of the following superstructures for the 4,1 km length of the railway tunnel, spanning from pk 0+386,39 to pk 4.488,60:

- installation of the railway ballast as base for the installation of railway tracks;
- realisation of the side pavement of the lines for security purposes;
- installation and fine-tuning of bi-directional railway tracks;
- installation and fine-tuning of the electric traction for the railway lines.

Expected deliverables:

- 4,1 km bi-directional railway tracks installation completed
- 4,1 km functional electric traction installed

Sub-activity 2.3: Railway tunnel safety and signalling

This Sub-activity includes the purchase and installation of safety and security equipment ensuring safe and secure conditions within the entire 4,1 km length of the railway tunnel, spanning from pk 0+386,39 to pk 4.488,60. More in particular it will include:

- railway signalling system to be used to direct railway traffic and keep trains running under security conditions;
- railway safety systems to allow smooth interventions in case of emergency within the tunnel (emergency lighting and spaces, CCTV, monitoring devices, fire extinguishing system)
- railway safety systems of Grosseto underground stop (Activity 4) thus ensuring passenger safety in case of emergencies (emergency lighting and spaces, CCTV, monitoring devices, fire extinguishing system).

Expected deliverables:

- 4,1 km railway signalling system installed
- CCTV system installed

### **Activity 3: Railway line upgrading ensuring safety and security standards**

This Activity covers works related to the upgrade of safety and security standards along the railway line's open section, from the Grosseto stop (excluded) up to the airport railway stop. It is divided in two Sub-activities, both of them to be carried out by selecting external contractors on the basis of public procurement procedures.

Sub-activity 3.1: Securing railway bridge over the Stura river on the railway line to the airport.

The Sub-activity covers the works ensuring the safety condition of the railway bridge passing over the Stura river, on the railway line running from Torino to Caselle airport. It is located within the Municipality of Venaria Reale, indicatively at 10 km north-west of the tunnel covered by Activity 2. In particular, the works are fundamental for train safety when

overpassing the river as well as for the mitigation of the disturbances currently experienced in cases of flooding. Works are therefore encompassing:

- the consolidation of existing five pillars foundations of the bridge, over its indicative length of 200 m;
- the consolidation of the nearby riverbanks to contain erosion through the creation of five new river cliffs for 8,000 m<sup>3</sup>;
- the riverbed re-profiling of the area next to the pillars for 450 m<sup>2</sup> by using dedicated soil foundation poles and large boulders, thus protecting it from further erosions.

Expected deliverables:

- Contract signed
- 5 pillars consolidated
- 450 m<sup>2</sup> of riverbed consolidated
- 8,000 m<sup>3</sup> of riverbanks consolidated

Sub-activity 3.2: Upgrading of signalling system along the railway line

The works cover the signalling system upgrade along the existing railway line between the Grosseto stop to the airport stop in Torino-Caselle.

These interventions will allow a full exploitation of the line capacity (i.e. “banalizzazione”) by applying relevant equipment and signalling enabling trains to travel along each track in both directions, thus maintaining the line in operation in case of need and in full safety conditions. In order to upgrade the line up to the airport stop in Caselle, for technical reasons, the intervention will need to upgrade the line until the next available station in Ciriè, 6 km after Caselle airport stop, thus encompassing an upgrade of 17 km of railway line in total.

Expected deliverables:

- Contract signed
- 17 km of railway line upgraded

#### **Activity 4: Railway station and stops realisation**

The new railway line alignment results in the decommissioning of stations “Madonna di Campagna” and “Dora”, the latter being the current centralised traffic management centre. This called for the re-design of the train stops structure along the urban part of the line due to the new tunnel construction. Therefore, the activity covers works for the upgrade of the existing station “Rebaudengo”, where the new tunnel will connect to the high-speed railway network, and the creation of a new stop, named “Grosseto”, located close to the beginning of the new railway tunnel (i.e. Activity 2), north-west of Corso Grosseto, at the intersection with Via Lulli.

The activity will be carried out by an external contractor selected via an open EU public procurement procedure.

The Activity is divided in two Sub-activities:

Sub-activity 4.1: Upgrading of Rebaudengo railway station and interconnections

The works of this Sub-activity include a major upgrade of the Rebaudengo existing railway station, which will be the connection point between the Torino-Milano high speed line and the Torino-Ceres (airport) regional line.

Since the “Rebaudengo” station will replace the former terminus point in Dora station, the

works also include technical buildings for the relocation of all centralised traffic control devices currently installed in the Dora Station.

In particular, the Sub-activity encompasses the construction of an underground structure, indicatively 770 m long, enlarging the existing passenger station. A building block is foreseen, adjacent to the existing underground station, consisting of two underground floors and a series of channels on several levels with a straight rectilinear trend, to house the new traffic control centre.

Furthermore, it includes the realisation of technical rooms at the level of the underpasses, where the electrical control panels will be located.

The project also includes the integration of the platforms and underpasses supporting passenger accessibility to trains as well as new safety exit stairs and a new elevator for persons with reduced mobility, in addition to the existing ones serving the other part of the station.

Expected deliverables:

- Rebaudengo station 2 floors completed
- 20 technical rooms built
- 2 platforms completed
- 4 escalators

Sub-activity 4.2: Realisation of “Grosseto” railway stop

This Sub-activity covers the works for the construction of Grosseto stop, which will replace the Madonna di Campagna railway stop that was part of the previous alignment of the railway line. Grosseto stop will be located along the new tunnel line under the north side of Corso Grosseto, close to the intersection with via Lulli. At the basement level, the tunnel gallery section will be widened to accommodate the platforms allowing to access trains for indicatively 200 m. In total, it will comprise 3,200 m<sup>2</sup> of areas on two underground levels including:

- a dedicated access consisting in a group of stairs, made-up of a fixed staircase flanked by an escalator and elevator to easily access the railway stop also for people with reduced mobility;
- the necessary utility networks including lighting and security features such as CCTV;

Expected deliverables:

- Grosseto stop accomplished and functional

### **Activity 5: Rehabilitation of urban connectivity**

This Activity covers works for the restoration of the urban connectivity following the tunnel works accomplishment.

The works connected to the following Sub-activities are currently gradually ongoing and part of the assignment of the external contractor already selected via an open EU public procurement procedure.

Sub-activity 5.1: Restoration of surface urban areas and facilities after the tunnel construction  
This Sub-activity covers works to rehabilitate the areas affected by the tunnel construction, covering a wide urban surface of approximately 62,000 m<sup>2</sup> and mainly represented by the area of Corso Grosseto, between Largo Grosseto and Parco Sempione. Works are in particular aimed at restoring the previous urban functionalities with reference to:

- re-construction of urban road network, including the main course with double lanes for each direction as well as the typical side lanes “controviali”;
- restoration of pedestrian and cycle lanes and facilities for crossing, including provisions for persons with reduced mobility;
- restoration of complementary facilities, including lighting and green areas.

Expected deliverables:

- Affected road network restoration completed, from the intersection of Corso Grosseto with Parco Sempione to intersection of Via Casteldelfino, indicatively 1,3 km;
- Accomplishment of related cycle lanes accordingly to the previous information
- Affected road network restoration completed, from the intersection of Corso Grosseto with Via Casteldelfino to intersection of Via Banchette, indicatively 1 km;
- Accomplishment of related cycle lanes accordingly to the previous information

#### Sub-activity 5.2: Urban road underpass

Given the constraints related to the locations of the intervention within a build-up area, it was necessary to demolish the existing viaduct located on Corso Potenza, on the crossroad with Corso Grosseto, representing a key arterial road of urban connectivity. Therefore, this Sub-activity covers works for a new road underpass necessary to facilitate traffic management once the tunnel construction will be accomplished.

The new urban road underpass is made up of a bidirectional main line and two side access ramps for a total length of 440 m. It will be constructed close to the western limit of the railway tunnel, from the intersection between Corso Potenza and Via Lucento to the intersection between Corso Grosseto and Via Lulli and will include the necessary relocation and reconnection of utility networks.

Expected deliverables:

- 440 m road underpass

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

<b>Milestone number</b>	<b>Milestone description</b>	<b>Indicative completion date</b>	<b>Means of verification</b>
1	Plan on railway tunnel realisation and status quo delivered (Sub-activities 2.1-3).	30/11/2020	Report by SCR on the phases for realising railway tunnel works
2	Plan on stop and station realisation and status quo delivered (Sub-activity 4.1-2).	30/11/2020	Report by SCR on the phases for realising Grosseto stop and Rebaudengo station works
3	Plan on urban connections rehabilitation realisation and status quo delivered (Sub-activity 5.1-2).	30/11/2020	Report by SCR on the phases for rehabilitating urban connectivity works
4	Kick-off event launching the Action (Sub-activity 1.1)	08/04/2021	Report by Regione Piemonte on the event.
5	Tender procedure for the realisation of the works related to Sub-activity 3.1 launched	23/03/2023	Publication of the tender
6	Agreement for the development of the signalling along the line (Sub-activity 3.2)	30/04/2021	Agreement signed

7	Advancement report on overall works of the Action (2020) delivered (Sub-activity 1.2).	26/02/2021	Annual Report by SCR on the achievement of the works in comparison to the expected time plan
8	Railway tunnel excavation works concluded (Sub-activity 2.1)	31/07/2022	Report by SCR on railway tunnel excavation works conclusion, supported by approved reports on the progress of works (i.e. SAL).
9	Railway tunnel water disposal system works concluded (Sub-activity 2.1)	31/07/2022	Report by SCR on railway tunnel water disposal system works conclusion, supported by approved reports on the progress of works (i.e. SAL).
10	Intermediate plan on stop and station realisation and status quo delivered (Sub-activity 4.1-2).	31/12/2021	Report by SCR on the phases for realising Grosseto stop and Rebaudengo station works
11	Works rehabilitating urban surface connections concluded (Sub-activity 5.1)	31/12/2022	Report by SCR on urban surface connections works conclusion, supported by inherent reports on the progress of works (i.e. SAL).
12	Advancement report on overall works of the Action (2021) delivered (Sub-activity 1.2)	28/02/2022	Annual Report by SCR on the achievement of the works in comparison to the expected time plan
13	Railway bridge secured (Sub-activity 3.1)	31/03/2024	Report by SCR on bridge intervention conclusion, supported by approved reports on the progress of works (i.e. SAL).
14	Finalization of the agreement for the verification of the works of the railway line (Sub-activity 1.2)	12/04/2021	Agreement signed
15	Works on Grosseto stop station concluded (Sub-activity 4.2)	30/09/2022	Report by SCR on Grosseto stop works conclusion, supported by approved reports on the progress of works (i.e. SAL).
16	Railway superstructure works concluded (Sub-activity 2.2)	31/07/2022	Report by SCR on railway superstructure works conclusion, supported by approved reports on the progress of works (i.e. SAL).
17	Works for the urban railway underpass concluded (Sub-activity 5.2)	30/06/2022	Report by SCR on urban railway underpass works conclusion, supported by approved reports on the progress of works (i.e. SAL)
18	Works on Rebaudengo station concluded (Sub-activity 4.1)	30/09/2022	Report by SCR on Rebaudengo station

			works conclusion, supported by approved reports on the progress of works (i.e. SAL).
19	Finalisation of the assignment for the final certification of the railway line (Sub-activity 1.2)	01/02/2023	Contract signed
20	Electric traction within the tunnel works concluded (Sub-activity 2.2)	30/06/2023	Report by SCR on railway electric traction works conclusion, supported by approved reports on the progress of works (i.e. SAL).
21	Signalling system along the train line upgraded (Sub-activity 3.2)	30/11/2024	Report by SCR on signalling system installation conclusion, supported by approved reports on the progress of works (i.e. SAL).
22	Railway safety and signalling systems installation concluded (Sub-activity 2.3)	30/06/2023	Report by SCR on safety systems and signalling installation conclusion, supported by approved reports on the progress of works (i.e. SAL).
23	Advancement report on overall works of the Action (2022) delivered (Sub-activity 1.2).	28/02/2023	Annual Report by SCR on the achievement of the works in comparison to the expected time plan
24	Activation of the railway line (Sub-activity 1.2)	09/12/2024	Report by SCR on the final activation of the line
25	Final event closing the Action (Sub-activity 1.1)	16/12/2024	Report by RP on the event

"

(4) Table 2 of Annex III "Estimated budget of the Action" is replaced by the following table:

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

Activities	2020	2021	2022	2023	2024	Total
<b>ELIGIBLE DIRECT COSTS</b>						
<b>Activity 1</b>	699,006	1,268,184	713,729	883,239	665,062	<b>4,229,220</b>
<b>Activity 2</b>	11,590,280	15,235,460	5,041,418	1,800,000	0	<b>33,667,158</b>
<b>Activity 3</b>	0	0	2,340,222	5,984,821	6,268,092	<b>14,593,135</b>
<b>Activity 4</b>	2,518,832	5,191,440	4,021,005	0	0	<b>11,731,277</b>
<b>Activity 5</b>	2,068,614	4,523,209	2,426,295	0	0	<b>9,018,118</b>
<b>TOTAL ELIGIBLE DIRECT COSTS</b>	<b>16,876,732</b>	<b>26,218,293</b>	<b>14,542,669</b>	<b>8,668,060</b>	<b>6,933,154</b>	<b>73,238,908</b>
<b>Annual instalments of maximum CEF contribution</b>	8,619,005	0	2,908,533.8	1,733,612	1,386,630.8	<b>14,647,781.6</b>

## **Article 2**

All the other provisions of the grant agreement shall remain unchanged.

## **Article 3**

The present amendment shall form an integral part of the grant agreement and it shall enter into force on the date on which it is signed by the last party. It shall take effect on the date of its entry into force.

## **SIGNATURES**

For the beneficiary Regione Piemonte  
Salvatore Martino Femia

For the Agency  
Lucie Zackova

Done at Torino, on

Done at Brussels, on

In duplicate in English.