



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

CINEA.B – Sustainable networks and investments  
Head of Department

### AMENDMENT No AMD-101122891-19

**Project: 101122891 — 22-EU-TG-eFTI4EU**

The parties agree to amend the Agreement as follows ('**Amendment**'):

#### **1. Addition of an affiliated entity**

The following new affiliated entity(ies) are added as from:

- EXYOND SRL (eXyond), linked to CIRCLE SPA (CIRCLE SPA): 1 January 2026

This implies the **following changes** to the Agreement:

- The new affiliated entity(ies) and the entry date are added to the list of participants in the **Data Sheet**.
- The new affiliated entity(ies) are added to **Article 8**:
  - EXYOND SRL (eXyond), PIC 870584410, linked to CIRCLE SPA (CIRCLE SPA)

#### **2 . Beneficiary termination**

The participation of the following beneficiary is terminated as from:

- SERVICE PUBLIC DE WALLONIE (SPW):
  - end of work date ('exit date'): 1 September 2024
  - termination date: 1 September 2024 or the date of entry into force of this Amendment (whichever is the latest)

This implies the **following changes** to the Agreement:

- The beneficiary is deleted from the **Preamble**.
  - ~~18. SERVICE PUBLIC DE WALLONIE (SPW), PIC 999811884, established in Place de la Wallonie 1, Namur 5100, Belgium,~~

and the exit date is added to the list of participants in the **Data Sheet**.

In accordance with Article 32 of the Agreement, the beneficiary's obligations continue to apply after termination.

If the termination leads to an amendment of the estimated budget (Annex 2), the maximum amount for joint and several liability of the terminated beneficiary is that of the estimated budget *before* this Amendment.

### 3 . Change of Annex 1

**Annex 1** is changed and replaced by the Annex 1 attached to this Amendment.

### 4 . Change of the project duration

The project duration in the **Data Sheet** is changed to 45.

### 5. Change of the reporting periods

The reporting period(s) in the **Data Sheet** are changed to:

- RP 1: month 1 to month 45

### 6. Change of Annex 2

The estimated budget in **Annex 2** is changed.

This implies the **following changes** to the Agreement:

- **Annex 2** is changed and replaced by the Annex 2 attached to this Amendment.
- The table on maximum grant amount and total estimated eligible costs and contributions in the **Data Sheet** is updated.

All other provisions of the Agreement and its Annexes remain unchanged.

This Amendment **enters into force** on the day of the last signature.

This Amendment **takes effect** on the date(s) mentioned in the amendment clause(s) (or — if no date was chosen — on the same date the Amendment enters into force).

Please inform the other members of your consortium (if any) of this Amendment.

### SIGNATURES

For the coordinator

For the granting authority

Done in English

Enclosures: Grant Agreement Data Sheet  
Grant Agreement Annex 1  
Grant Agreement Annex 2



## **ANNEX 1**



# **Connecting Europe Facility (CEF)**

## **Description of the action (DoA)**

**Part A**

**Part B**

## DESCRIPTION OF THE ACTION (PART A)

### COVER PAGE

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

PROJECT	
<i>Grant Preparation (General Information screen) — Enter the info.</i>	
<b>Project number:</b>	101122891
<b>Project name:</b>	electronic Freight Transport Information for Europe
<b>Project acronym:</b>	22-EU-TG-eFTI4EU
<b>Call:</b>	CEF-T-2022-SIMOBGEN
<b>Topic:</b>	CEF-T-2022-SIMOBGEN-eFTI-WORKS
<b>Type of action:</b>	CEF-INFRA
<b>Service:</b>	CINEA/B/03
<b>Project starting date:</b>	fixed date: 1 April 2023
<b>Project duration:</b>	45 months

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## PROJECT SUMMARY

### Project summary

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

*Use the project summary from your proposal.*

The project eFTI4EU will encourage Member States to join forces, face the upcoming eFTI requirements, and work jointly on common specifications and take advantage of a well harmonized European wide eFTI exchange environment according to the Regulation EU No 2020/1056 on electronic Freight Transport Information (eFTI Regulation). EFTI4EU project will support the process of implementation of the eFTI Regulation in digitalizing freight transport and logistics by contributing to the implementation of a seamless paperless information exchange between businesses and authorities and developing systems/IT platforms to be used by the competent authorities to access and process information electronically on a non-discriminatory basis and in accordance with Regulation EU 2020/1056 on electronic Freight Transport Information (eFTI).

The overall objectives of the Project are fully aligned with the aim of eFTI Regulation EU No 2020/1056, namely:

- to encourage the digitalization of freight transport and logistics
- to reduce administrative costs, improve enforcement capabilities of competent authorities, and
- to enhance the efficiency and sustainability of transport.

In detail the project comprises the following:

Studies:

- Provision of national and regional eFTI roadmaps
- Participation in the horizontal alignment work package to promote harmonization of eFTI development and interoperability between Member States. This also covers the specification and the common co-development of eFTI reference implementations (eFTI platform and eFTI Gate)
- Communication and dissemination, knowledge sharing activities in the MS to promote eFTI

Pilots:

- Development and piloting of an eFTI gate aligned with the jointly specified and developed reference implementation, which could lead to a system that becomes operational in 2025
- eFTI gate pilots cover the following communication paths:
  - eFTI gate to competent authorities
  - eFTI gate to eFTI platforms
  - eFTI gate to other eFTI gates
  - eFTI gate to other linked systems

## LIST OF PARTICIPANTS

### PARTICIPANTS

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

Number	Role	Short name	Legal name	Country	PIC
1	COO	MoClimate	KLIIMAMINISTEERIUM	EE	941609750
2	BEN	DLK	DIGILOGISTIKA KESKUS	EE	892290391
3	BEN	51Biz LUXEMBURG	51BIZ LUXEMBOURG SARL	LU	951890877
4	BEN	CIRCLE SPA	CIRCLE SPA	IT	946059916
4.1	AE	CCEU	MAGELLAN CIRCLE ITALY SRL	IT	889903609
4.2	AE	eXyond	EXYOND SRL	IT	870584410

<b>PARTICIPANTS</b>					
<i>Grant Preparation (Beneficiaries screen) — Enter the info.</i>					
<b>Number</b>	<b>Role</b>	<b>Short name</b>	<b>Legal name</b>	<b>Country</b>	<b>PIC</b>
5	BEN	BMDV	BUNDESMINISTERIUM FUR VERKEHR	DE	996530374
6	BEN	BALM	BUNDESAMT FUR LOGISTIK UND MOBILITAT	DE	884011344
7	BEN	FI Transport&Co	LIKENNE- JA VIESTINTAVIRASTO	FI	900306956
8	BEN	SCHIG	SCHIENENINFRASTRUKTUR-DIENSTLEISTUNGS-GESELLSCHAFT MBH	AT	887660387
8.1	AE	BMK	BUNDESMINISTERIUM FUER INNOVATION, MOBILITAET UND INFRASTRUKTUR	AT	999633695
9	BEN	PORTEXPERTISE	PORTS AND TERMINALS	BE	933959457
10	BEN	MIT	MINISTERO DELLE INFRASTRUTTURE E DEI TRASPORTI	IT	996445790
10.1	AE	RAM SPA	RETE AUTOSTRADIE MEDITERRANEE PER LA LOGISTICA LE INFRASTRUTTURE ED I TRASPORTI SOCIETA PER AZIONI	IT	937468917
11	BEN	IMT, I. P.	INSTITUTO DA MOBILIDADE E DOS TRANSPORTES, I P	PT	966290430
12	BEN	Nordic Invest	NORDIC INVESTMENT BANK	FI	894031056
13	BEN	NORM	UAB NORMALIS TECH	LT	886548088
14	BEN	TIA	TRANSPORTO INOVACIJU ASOCIACIJA	LT	885458875
15	BEN	Groupe IN	IMPRIMERIE NATIONALE	FR	911407345
15.1	AE	French Ministry	MINISTERE DE LA TRANSITION ECOLOGIQUE, DE LA BIODIVERSITE, DE LA FORET, DE LA MER ET DE LA PECHE	FR	996384874
16	BEN	KLAIPEDA PORT	AKCINE BENDROVE KLAIPEDOS VALSTYBINIO JURU UOSTO DIREKCIJA	LT	951975364
17	BEN	LT MIN.TRANSP.	LIETUVOS RESPUBLIKOS SUSISIEKIMO MINISTERIJA	LT	888880550
18	BEN	SPW	SERVICE PUBLIC DE WALLONIE	BE	999811884
19	BEN	LIW	LOGISTICS IN WALLONIA	BE	963728466

## LIST OF WORK PACKAGES

<b>Work packages</b> <i>Grant Preparation (Work Packages screen) — Enter the info.</i>						
Work Package No	Work Package name	Lead Beneficiary	Effort (Person-Months)	Start Month	End Month	Deliverables
WP1	WP 1: Horizontal Work	5 - BMDV	0.00	1	45	D1.1 – D1.1 Roadmap Workplan for MS including templates D1.2 – D1.2 eFTI System overview and interface specification D1.3 – D1.3 National eFTI Roadmaps D1.4 – D1.4 eFTI System specifications (preliminary Versions) D1.5 – D1.5 Reference implementation development plan D1.6 – D1.6 eFTI Gate service and content specification D1.7 – D1.7 Roadmap Status Report D1.8 – D1.8 eFTI exchange environment test plan D1.9 – D1.9 Legal implementation and certification strategy plan D1.10 – D1.10 eFTI Gate Strategy and Governance Model D1.11 – D1.11 eFTI System specifications (final Versions)
WP2	WP 2: National and Corridor Pilots	7 - FI Transport&Co	0.00	6	45	D2.1 – D2.1 eFTI4EU pilot plan D2.2 – D2.2 Reference implementation release nr. 05 description and system test summary D2.3 – D2.3 Reference implementation release nr. 09 description and pilot result summary



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

<b>Work Package No</b>	<b>Work Package name</b>	<b>Lead Beneficiary</b>	<b>Effort (Person-Months)</b>	<b>Start Month</b>	<b>End Month</b>	<b>Deliverables</b>
WP3	WP 3: Communication, Dissemination & Capacity Building	4 - CIRCLE SPA	0.00	1	45	D3.1 – D3.1 Detailed Communication Plan D3.2 – D3.2 Mid-Term Communication Report D3.3 – D3.3 Final Communication Report
WP4	WP 4: Project management and coordination	1 - MoClimate	0.00	1	45	D4.1 – D4.1 Progress Report D4.2 – D4.2 Progress Report D4.3 – D4.3 Progress report

## Work package WP1 – WP 1: Horizontal Work

<b>Work Package Number</b>	WP1	<b>Lead Beneficiary</b>	5 - BMDV
<b>Work Package Name</b>	WP 1: Horizontal Work		
<b>Start Month</b>	1	<b>End Month</b>	45

### Objectives

WP1 is the common harmonization work package for the participating Member States (MS) to identify, by means of country's specific roadmaps, inter alia, the inventory of requirements for national eFTI implementation, resource needs (financial and technical) and requirements for the long-term operation of the eFTI exchange environment.;

WP1 will:

- analyze the Delegated Act (DA) and Implementing Act (IA) proposed by the European Commission (EC) and jointly translate them into harmonized technical specifications, thus providing Member States with solid specifications, e.g. for the development/tendering of an eFTI gate (the technical interfaces that enable the exchange of data between eFTI platforms and user applications of competent authorities), as per Article 3(4) of Regulation (EU) 2020/1056 of the European Parliament and of the Council of 15 July 2020 on electronic freight transport information;
- develop national and cross-border test strategies to test the eFTI exchange environment;
- develop a strategy for an open-source reference implementation of an eFTI gate;
- develop an agreed governance model that describes general rules for eFTI gates and the maintenance of the specifications.

### Description

WP1 consist of the following tasks:

Task 1.1 Authorities' Road map (requirements and preparatory works)

Within the framework of Task 1.1, the participating Member States will first identify the existing systems, requirements for national eFTI implementation, resource needs (financial and technical), pilots planned during the project and requirements for the long-term operation of the eFTI exchange environment to document these in so-called national roadmaps (D1.2). In eFTI4EU, the term roadmap is used as a synonym for a project plan for the introduction of eFTI in the Member States. It is not necessarily a description of the implementation steps for eFTI, but rather an analysis of the strategic, organizational, technical, legal and financial framework conditions in the MS, which serve to develop eFTI gates specifically according to the requirements of the EU and the Member States. This should create a solid information basis for eFTI4EU to analyze the starting point for the implementation of the eFTI exchange environment. For this purpose, a work plan (D1.1) will be developed with support of the participating MS, in which the requirements for the roadmaps will be documented. In addition, a corresponding roadmap structure will be developed in the form of a template. This should help to collect the information in a harmonized way and facilitate an analysis afterwards. The overall MS summary of the individual country-specific roadmaps will be made in a Roadmap Status Report (D1.3). Here, an analysis of the commonalities and differences in the MS will be carried out, which represents a benchmark for the harmonization range that will be available for the implementation of the eFTI exchange environment and thus for the provision of interoperability.

Task 1.2 Interoperability of eFTI exchange environment (planning, reference specification, testing)

Task 1.2 will analyze the DA and IA introduced by the EU Commission and jointly translate them into harmonized technical specifications. In addition, initial findings from the national roadmaps will be incorporated in parallel and the use of e.g., EU Building Blocks will be discussed, such as eDelivery or similar existing, fully specified solutions. The use of such solutions would indeed be a time saver for the project, as they could be implemented immediately in WP2.

The approach in Task 1.2 is to start with a systems overview and interface specification (D1.4). This includes a cross pilot system architecture and an identification of interfaces to be considered (and harmonized) based on the architecture, which will be specified in the first eFTI Implementing (IA). The next step is to evaluate if any of existing national systems can take on the role of an eFTI gate (also making some adaptations, if needed), or if the eFTI gate should be built from scratch (as a new component in the overall architecture). The resulting system dependencies (all IT applications in a specific Member State that needs interface with eFTI gate) will be described in system specifications (D1.5). These also take into account requirements of the eFTI stakeholders, including detailed application scenarios and usability requirements as well as relevant service level and interoperability key performance indicators (KPI), which will be validated in the WP2

laboratory tests and pilot projects. According to the findings and experience gained from the implementation (WP2), the specifications of the eFTI exchange environment, including the functional and technical interfaces between the eFTI Gates, the national Authority Access Points (AAP) and the eFTI Platforms will be further improved and adapted until the end of the project, so that a tested version of the specifications (D1.6) will be available at the end of the project.

The aim of this task is to provide member states with solid specifications, e.g., for the development/tendering of an eFTI gate. On the other hand, the specifications as a whole will be used to produce a development plan for the reference implementation (D1.7) (a common basis that will be adapted to the requirements that are specific for each Member State). This plan involves the definition of development steps that must be carried out to reach the targeted eFTI gate development, be it the adaptation of an existing system or the creation of a new one. The eFTI gate reference implementation will be jointly developed (co-developed) and tested by the financially involved eFTI4EU partners in WP2 and made available together with the data model and the requirement specifications to all Member States as open-source code that can be modified, licensed, re-licensed or used without restrictions. Based on the above system specifications, national and cross-border test strategies for testing the eFTI exchange environment will be developed, which will be summarized in an eFTI exchange environment test plan (D1.8). Here, too, it would be possible to benefit from existing test plans or test opportunities already developed for EU building blocks (e.g. eDelivery).

#### Task 1.3 eFTI Gate Strategy and Governance (Common Rule Set)

Task 1.3 aims to develop an agreed governance model (D1.9) that describes common rules for eFTI gates (e.g., rules for onboarding of eFTI platforms, rights and duties) and the maintenance of specifications. It should enable Member States to monitor the technological-sociological system landscape and develop viable plans for the governance of the reference implementation description, which can be made available to the market as open documentation. This includes an identification of possible governance actors, their roles and relationships within the value chain structure.

The project partners will be responsible for jointly developing, testing and piloting the eFTI gate reference implementation, which needs to meet the rules on harmonized data exchange and interoperability laid down in the first eFTI DA and IA.

The reference implementation here is defined as a generic definition and pilot implementation of a generic solution architecture. It is essential that the data sharing between the eFTI Gates is harmonized, that MS agree on a trust architecture (identities, authentication and authorization), so that MS agree on a common process and service repository and a common search and index mechanism. The reference architecture must comply with the EU implementing regulations, but also be flexible enough so that each MS can keep on using their existing IT systems.

National pilots, which use the reference implementation as pattern for their national eFTI gate implementation, need to perform tests following national and cross-border supply chain use cases where the exchange of data within an eFTI exchange environment is required. Therefore, it is essential that the data sharing between the eFTI Gates is (a) harmonized, that MS agree on (b) a trust architecture (identities, authentication and authorization), and (c) agree on a common process and service repository and (d) a common search and index mechanism. The reference implementation as pattern facilitates this by aiming at the same time in complying with the EU implementing regulations and allows sufficient flexibility so that each Member State can use the eFTI gate reference implementation and adapt it to its existing IT eco-system.

#### Task 1.4 eFTI Gate Content and Accessibility (e.g., Metadata, Access Management)

Task 1.4 is dedicated to the inside of the eFTI gate reference implementation, i.e. an eFTI Gate service and content specification (D1.10) will functionally describe the relevant eFTI Gate services (e.g. internal/ external authentication, eFTI platform-related services, eFTI Gate-to-eFTI Gate services, logging, search mechanism, etc.) and specify the relevant registries (eFTI platform metadata, links, etc.).

#### Task 1.5 Legal implementation and Certification-related affairs and rules

Task 1.5 will address the legal implementation of eFTI components, taking into account the certification requirements and rules that will be established for eFTI components. A strategy plan for legal implementation and certification (D1.11) will therefore collect and document national strategies and processes for each MS regarding the legal implementation of eFTI gates and the implementation of national certification processes for eFTI gates and platforms.

## Work package WP2 – WP 2: National and Corridor Pilots

<b>Work Package Number</b>	WP2	<b>Lead Beneficiary</b>	7 - FI Transport&Co
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<b>Work Package Name</b>	WP 2: National and Corridor Pilots		
<b>Start Month</b>	6	<b>End Month</b>	45

### Objectives

- Objective 1 is to test and pilot in real world conditions the main use cases of eFTI gates against the reference model developed in WP1:
  - Test and pilot eFTI gate to competent authorities' data exchange
  - Test and pilot eFTI gate to eFTI platforms data exchange
  - Test and pilot eFTI gate to other eFTI gates data exchange
  - Test and pilot eFTI gate to other liked systems data exchange
- Objective 2 is to cover all main transport modes in pilots (maritime, air, rail and road) and with these study transport mode specific eFTI data exchanges
- Objective 3 is to cover the whole eFTI architecture from Economic Operators to Competent Authorities in pilots
- Objective 4 is to pilot the above mentioned targeted pilots (i.e., objectives 1-3) in national and where applicable in international/corridor context

### Description

WP2 is based on the previous piloting experience derived from the CEF funded projects FENIX (2018-EU-TM-0077-S) and FEDeRATED (2018-EU-TM-0119-S), where pre-eFTI piloting was already made. The purpose of the WP 2 pilots is to cover full eFTI architecture and its components. And hence, to provide concrete experience and lessons learned from real life use cases and to adapt those into the WP2 eFTI Gate reference implementation solution. By doing this co-developed open source eFTI Gate reference implementation, Member States will be able to implement their interoperable operative eFTI Gates on time. Pilot results and findings will be disseminated both on national and international level among eFTI stakeholders. WP2 target is to cover several eFTI Gate use cases and test these in different MSs and international corridors, so that the eFTI4EU project covers main test use cases for eFTI Gates and complies with the set KPIs defined for this.

WP2 consist of the following tasks:

#### Task 2.1 Pilot collaboration and knowledge sharing

The broad target of the Project Partners is to reach close working relationship with all engaged Member States to better understand their needs, so that parallel national eFTI development projects can be supported with more accurate definition, co-development and governance model. I.e., the eFTI4EU project will provide guidance and architecture manual for MSs how to establish interoperable and a functioning system for eFTI implementation. This work will be started already in WP1, and Task 2.1 will continue this and link it to the pilots and testing aspects. The WP2 will focus on multi-country, multi-operator, cross-border eFTI use case scenarios and it will provide feedback and information for reference model development. Due to the short time that the project and the Member States have for implementation of eFTI, WP 2 will emphasize an agile co-development approach between Member States. In this incremental development process, the Project Partners target to gain rapid progress and level ground for the eFTI gate reference implementation. The development process is also linked to the general EU eFTI delegated acts development and potential CEF calls (2023-2024), where eFTI4EU project could release nr. 05 version (intermediate version) of eFTI gate reference model for those MSs, which were not ready to participate in 2022-2023 CEF funding. The system development start from release number 0 and ready system equals to 1.0. Within this project produced release 0.5 can be seen as a mid-term solution and 0.9 is the solution, which covers all main features, ready to be transferred to the operative system if wanted. Hence, the eFTI4EU will facilitate the eFTI entry for Member States in the project, including those that are not direct beneficiaries.

#### Task 2.2 Pilot planning

The co-development, planning and collaboration will be done with the lead of a few forerunning Partners (Task 2.2), who will help to create the eFTI Gate reference technology and show its potential benefits in national and cross border pilots, with respect to multimodal transportation. The lead partners for co-development are Estonia, Finland and Germany, with support of other participant MSs.

#### Task 2.3 System development, testing and piloting

Testing will start under Task 2.3 with sample and simulation of data. Task 2.3 aims to get a functional solution as soon as possible and then further develop and test it in real life pilots (Task 2.4), involving economic operators and authorities.

#### Task 2.4 Cross-border testing and pilots

National and corridor pilots with various eFTI use cases will be made together with economic operators representing different transport modes. For the corridor pilots, the TEN-T network is followed, and pilots should be designed to verify real commercial transportation along the corridors. In the North, North Sea – Baltic corridor and stakeholders along it will be engaged to pilots and the same will be done in the South on the Scandinavian Mediterranean corridor. The corridor covers road, rail and maritime transportation and all these will be integrated to pilots. EFTI4EU will cover all 9 Core Network Corridors (CNCs). The corridor approach will be used to integrate both national and international transportations and to test the whole message channel from information enquiry of Competent Authority (CA) to the data sharing of Economic Operator (EO) and how to enable information exchange between MS eFTI Gates. Target is to pilot different real life use cases in close collaboration with EOs and potential existing eFTI platforms. If commercial solutions are not available similar test solutions will be used to simulate the data exchange between EO and CA. With these pilots eFTI4 EU project team wants to ensure the DTLF requirement compliance of the developed eFTI gate reference model its capability in real world environment. At the same time pilots will enable opportunity to communicate and collect feedback from EOs and other relevant stakeholders. The purpose of the pilots is to cover full eFTI architecture and its components. And hence, to provide concrete experience and lessons learned from real world use cases and to adapt those into the reference solution, so that Member States are able to implement their operative eFTI Gates on time.

Target is to cover several eFTI Gate use cases and test these in different MSs and international corridors, so that in total the eFTI4EU project covers 4 main test use cases for eFTI GATES:

1. Test and pilot eFTI gate to competent authorities' data exchange (Pilot Group 1)
2. Test and pilot eFTI gate to eFTI platforms data exchange (Pilot Group 2)
3. Test and pilot eFTI gate to other eFTI gates data exchange (Pilot Group 3)
4. Test and pilot eFTI gate to other systems data exchange (Pilot Group 4)

1) Pilot Group 1 - eFTI Gate to CA will focus on pilots how to enable data and information exchange between the system and CAs. It will cover identification, authentication and authorization testing for several CA profiles with respect to their data enquiries. In addition, the pilots between eFTI-Gate and competent authorities holds the pilots and solutions to manage and coordinate the competent authority platforms and the eFTI-Gates coordination.

2) Pilot Group 2 - The pilots between eFTI-Gates and eFTI platforms will entail the testing of eFTI-Gates connectivity and data exchange, the metadata registries and search mechanism operations nationally and across borders. Some of the testing entails testing the push of metadata and unique links to the eFTI Gate. Some of the testing is coordinated highlighting border crossing use cases. In general, these tests highlight the data exchange between the EOs and eFTI Gates.

3) Pilot Group 3 - Pilots of eFTI-Gate to eFTI-Gate holds the international corridor testing of the entire eFTI exchange environment in exchanging and passing on the query between eFTI Gates and CAs. These pilots will emphasize the interoperability between national systems.

4) Pilot Group 4 - Final use case category focuses on the interoperability and connection between eFTI Gates and other linked systems, such as Information Management System for Official Controls (IMSOC) and European Maritime Single Window (EMSW). Under this pilot the aim is to study and test how these systems together can help CAs and EOs to digitalize their logistics processes and tasks.

For all the pilots, the aim in WP 1 with WP 2 support is to jointly develop a control and monitoring system with a set of KPIs, which can be used to enable verification and evaluation of the pilot results and output. Co-development and piloting will result in deliverables as set below. The scope of co-development and piloting is defined by the number of use cases and budget of the participating MS. Based on these evaluations the Project Coordination Committee needs to approve the eFTI gate reference model (I.e. release 0.5 and release 0.9), which can be further developed and finally presented as a desired eFTI gate reference model of the eFTI4EU project. The eFTI gate reference model, should be easily adopted and transferred to the operational eFTI systems of MSs. Each use case is associated with a specific set of requirements and interoperability, technical-level and service-level KPIs, that cover all transport modes and focus on capability and usage of eFTI Gates. However, pilots will cover the whole eFTI message channel from the Economic Operator to eFTI platform and from there to eFTI Gate and further on to Competent Authorities, with respect to metadata, information enquiry and data sharing identification-authentication-authorization aspects and linked systems when alternating between different modes of transport and when crossing internal EU borders. In parallel with pilots, an important part of WP2 is also a co-development of eFTI gate reference model between MSs. Co-development means actual shared architecture and development actions. WP2's aim is to develop simplified systems, which will succeed in all above mentioned eFTI Gate use cases and can be approved by MSs, but without operative Generic User Interfaces (GUIs) and operation models.

Iteration is necessary in co-development to ensure that potential improvements are applied to the components of the reference implementation through feedback so that regression testing can be performed to ensure that the basic target KPIs are achieved. It is also necessary to provide feedback to WP1 so that improvements can be incorporated into the specifications or governance processes as appropriate.

#### Task 2.5 Pilot results and analysis

Pilot results and findings will be disseminated both on national and international level among eFTI stakeholders (Task 2.5).

## Work package WP3 – WP 3: Communication, Dissemination & Capacity Building

<b>Work Package Number</b>	WP3	<b>Lead Beneficiary</b>	4 - CIRCLE SPA
<b>Work Package Name</b>	WP 3: Communication, Dissemination & Capacity Building		
<b>Start Month</b>	1	<b>End Month</b>	45

### Objectives

The WP3 will create the project dissemination and communication activities aiming to implement the dissemination of the project goals, eFTI gate reference implementation, test reports, pilot results, achievements, and other outputs and establish also capacity building activities.

### Description

WP3 is set in two layers:

#### 1. Communication layer

- A set of communication / information / training tools (including an eFTI hub, where the specifications and reference implementations on eFTI will be published on dedicated websites;
- A set of national events in which MSs will communicate eFTI to Economic Operators and to a broader public;
- A set of European workshops for very specific detailed issues;
- 3 eFTI conferences (one per year).

#### 2. eFTI Capacity Building layer

- A series of workshops / on-site visits in which more advanced countries could transfer their knowledge and expertise to less advanced ones. This should include lessons learnt including onboarding trainings (webinars) in collaboration with the European Commission and the member states, associations and other projects;
- A set of training courses to be delivered (for example monthly for CAs and EOs, also open to MSs not involved in the project), including knowledge sharing regarding implementation of open-source software and a learning material library and video repository to support member state and regional dissemination.

## Work package WP4 – WP 4: Project management and coordination

<b>Work Package Number</b>	WP4	<b>Lead Beneficiary</b>	1 - MoClimate
<b>Work Package Name</b>	WP 4: Project management and coordination		
<b>Start Month</b>	1	<b>End Month</b>	45

### Objectives

WP 4 covers the management and coordination activities of eFTI4EU project required throughout its duration. Adequate administrative and technical organization structures, control procedures, quality and risk management, monitoring and auditing processes will be designed and followed as part of this activity. The results of this activity include the elaboration of a Project Management Plan, the Periodic reports, Financial Statements and delivery of the Final Reports (both financial and technical) for the Project.

Description
<p>The aim of this WP 4 is to cover the management tasks of the Project. These include adequate coordination actions, control procedures, quality management, risk management, monitoring mechanisms and publicity actions.</p> <p>WP4 objectives are:</p> <ul style="list-style-type: none"> <li>• Efficient management of the project, fulfilment of all administrative and financial requirements in full compliance with contractual requirements</li> <li>• Communication with the Member States Ministries, CINEA, the EC and between local decision makers &amp; stakeholders (Port Authorities and logistic operators)</li> <li>• Set-up of the kick-off and regular project meetings. Organising the different projects meetings at regular intervals</li> <li>• Quality assurance of activities' execution</li> <li>• Technical control of all activities ensuring the quality of work and the timely production of the deliverables.</li> <li>• Risk Management</li> </ul> <p>In detail, the WP4 Project Management, will be responsible for the overall project coordination, management and reporting. Additionally, the interface to the European Commission will be taken over by the Project Management.</p> <p>Task 4.1 Project Management and Controlling is the main task of the Project management team being secretariat activities to ensure that the project is managed and running according to the requirements of the Grant Agreement, Governance Handbook and the Consortium Agreement between the consortium partners and the EU Commission. This task includes:</p> <ul style="list-style-type: none"> <li>• preparation, consolidation, finalization and submission of the financial reports, monitoring the expenses versus the budget;</li> <li>• review and monitor the project status and milestones;</li> <li>• consolidation of the project's annual work program from all activities;</li> <li>• plan, manage and monitor incoming and outgoing deliverables of the project;</li> <li>• change management aspects: anticipate, evaluate, and manage changes in project structure, project participation by all partners, budget allocation changes, leadership appointments;. appointments; etc.;</li> <li>• escalation management, being the process of moving open issues of the project to a higher level for timely resolution as per decision levels as set by the organization chart;</li> <li>• risk management: create, monitor and update risk management plan + identify and mitigate project risks;</li> <li>• quality management: set up and monitor quality assurance process regarding the project's deliverables and reports;</li> <li>• setup, generate and manage procedures, preparation of meeting minutes, templates and tools to support above tasks (including the initial creation of an eFTI4EU "brand" with logo, design, color scheme etc.);</li> <li>• setup, operation and management of a project management/document/collaboration platform;</li> <li>• provision of a virtual meeting (and webinar) solution to enable planned and ad-hoc virtual meetings of project partners (internally and with external partners).</li> </ul> <p>All applicants will be active in this Work Package to fulfil their obligations related to their respective financial reporting and general project management tasks.</p> <p>Task 4.2 Project Coordination Committee Support. Project Management Office (PMO) will support the Project Coordination Committee operationally and strategically in their tasks in cooperation with the European Commission services. The task therefore takes over the secretariat function. This includes the coordination of the topics to be discussed and the preparation of the meetings.</p> <p>Task 4.3 Identification of actions needed. PMO will identify needs and future required actions for the progress of the project. This will be done by collecting unprocessed requirements from the working groups. These can be new challenges not yet foreseen or ideas for innovations that appear during the project's implementation. On this basis, recommendations can be made for future projects or necessary measures in the current project. In addition, in the case of serious unforeseen issues that have a major impact on the project, this task will develop solution strategies that will be presented to the Project Coordination Committee for decision. In this way, this task essentially contributes to risk management.</p>

STAFF EFFORT

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



## LIST OF DELIVERABLES

<b>Deliverables</b> <i>Grant Preparation (Deliverables screen) — Enter the info.</i> <i>The labels used mean:</i> <i>Public — fully open (🚩 automatically posted online)</i> <i>Sensitive — limited under the conditions of the Grant Agreement</i> <i>EU classified —RESTREINT-UE/EU-RESTRICTED, CONFIDENTIEL-UE/EU-CONFIDENTIAL, SECRET-UE/EU-SECRET under Decision <a href="#">2015/444</a></i>						
Deliverable No	Deliverable Name	Work Package No	Lead Beneficiary	Type	Dissemination Level	Due Date (month)
D1.1	D1.1 Roadmap Workplan for MS including templates	WP1	5 - BMDV	R — Document, report	SEN - Sensitive	3
D1.2	D1.2 eFTI System overview and interface specification	WP1	5 - BMDV	R — Document, report	SEN - Sensitive	7
D1.3	D1.3 National eFTI Roadmaps	WP1	5 - BMDV	R — Document, report	SEN - Sensitive	11
D1.4	D1.4 eFTI System specifications (preliminary Versions)	WP1	5 - BMDV	R — Document, report	SEN - Sensitive	12
D1.5	D 1.5 Reference implementation development plan	WP1	5 - BMDV	R — Document, report	SEN - Sensitive	14
D1.6	D1.6 eFTI Gate service and content specification	WP1	5 - BMDV	R — Document, report	SEN - Sensitive	14
D1.7	D1.7 Roadmap Status Report	WP1	5 - BMDV	R — Document, report	SEN - Sensitive	17
D1.8	D1.8 eFTI exchange environment test plan	WP1	5 - BMDV	R — Document, report	SEN - Sensitive	20
D1.9	D1.9 Legal implementation and certification strategy plan	WP1	5 - BMDV	R — Document, report	SEN - Sensitive	26
D1.10	D1.10 eFTI Gate Strategy and Governance Model	WP1	5 - BMDV	R — Document, report	SEN - Sensitive	29

**Deliverables**

Grant Preparation (Deliverables screen) — Enter the info.

The labels used mean:

Public — fully open (🚩 automatically posted online)

Sensitive — limited under the conditions of the Grant Agreement

EU classified — RESTREINT-UE/EU-RESTRICTED, CONFIDENTIEL-UE/EU-CONFIDENTIAL, SECRET-UE/EU-SECRET under Decision [2015/444](#)

Deliverable No	Deliverable Name	Work Package No	Lead Beneficiary	Type	Dissemination Level	Due Date (month)
D1.11	D1.11 eFTI System specifications (final Versions)	WP1	5 - BMDV	R — Document, report	SEN - Sensitive	31
D2.1	D2.1 eFTI4EU pilot plan	WP2	7 - FI Transport&Co	R — Document, report	SEN - Sensitive	11
D2.2	D2.2 Reference implementation release nr. 05 description and system test summary	WP2	7 - FI Transport&Co	R — Document, report	SEN - Sensitive	21
D2.3	D2.3 Reference implementation release nr. 09 description and pilot result summary	WP2	7 - FI Transport&Co	R — Document, report	SEN - Sensitive	44
D3.1	D3.1 Detailed Communication Plan	WP3	4.1 - CCEU	R — Document, report	SEN - Sensitive	3
D3.2	D3.2 Mid-Term Communication Report	WP3	4.1 - CCEU	R — Document, report	SEN - Sensitive	15
D3.3	D3.3 Final Communication Report	WP3	4.1 - CCEU	R — Document, report	SEN - Sensitive	43
D4.1	D4.1 Progress Report	WP4	1 - MoClimate	R — Document, report	SEN - Sensitive	14
D4.2	D4.2 Progress Report	WP4	1 - MoClimate	R — Document, report	SEN - Sensitive	26
D4.3	D4.3 Progress report	WP4	1 - MoClimate	R — Document, report	SEN - Sensitive	38

**Deliverable D1.1 – D1.1 Roadmap Workplan for MS including templates**

<b>Deliverable Number</b>	D1.1	<b>Lead Beneficiary</b>	5 - BMDV
<b>Deliverable Name</b>	D1.1 Roadmap Workplan for MS including templates		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	3	<b>Work Package No</b>	WP1

<b>Description</b>
Detailed workplan and template to provide a harmonized structure for the national roadmaps

**Deliverable D1.2 – D1.2 eFTI System overview and interface specification**

<b>Deliverable Number</b>	D1.2	<b>Lead Beneficiary</b>	5 - BMDV
<b>Deliverable Name</b>	D1.2 eFTI System overview and interface specification		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	7	<b>Work Package No</b>	WP1

<b>Description</b>
Architectural system overview on the eFTI exchange environment and identification of relevant interfaces

**Deliverable D1.3 – D1.3 National eFTI Roadmaps**

<b>Deliverable Number</b>	D1.3	<b>Lead Beneficiary</b>	5 - BMDV
<b>Deliverable Name</b>	D1.3 National eFTI Roadmaps		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	11	<b>Work Package No</b>	WP1

<b>Description</b>
National eFTI roadmap for each participating MS

**Deliverable D1.4 – D1.4 eFTI System specifications (preliminary Versions)**

<b>Deliverable Number</b>	D1.4	<b>Lead Beneficiary</b>	5 - BMDV
<b>Deliverable Name</b>	D1.4 eFTI System specifications (preliminary Versions)		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	12	<b>Work Package No</b>	WP1

<b>Description</b>
Functional description of all (standard) systems involved in the eFTI exchange environment and description of the respective requirements according to provided eFTI DA and IA and relevant control use cases including appropriate technical, service-level and interoperability KPI targets Amended final versions of the eFTI System specifications after implementation and test experiences

**Deliverable D1.5 – D 1.5 Reference implementation development plan**

<b>Deliverable Number</b>	D1.5	<b>Lead Beneficiary</b>	5 - BMDV
<b>Deliverable Name</b>	D 1.5 Reference implementation development plan		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	14	<b>Work Package No</b>	WP1

<b>Description</b>
Definition of development phases for the co-development of the reference implementation

**Deliverable D1.6 – D1.6 eFTI Gate service and content specification**

<b>Deliverable Number</b>	D1.6	<b>Lead Beneficiary</b>	5 - BMDV
<b>Deliverable Name</b>	D1.6 eFTI Gate service and content specification		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	14	<b>Work Package No</b>	WP1

<b>Description</b>
Functional description of relevant eFTI Gate services (e.g., internal/external authentication, eFTI platform related services, eFTI Gate to eFTI Gate services, logging, search mechanism etc.) and specification of relevant registries (eFTI Platforms Metadata, links, etc.)

**Deliverable D1.7 – D1.7 Roadmap Status Report**

<b>Deliverable Number</b>	D1.7	<b>Lead Beneficiary</b>	5 - BMDV
<b>Deliverable Name</b>	D1.7 Roadmap Status Report		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	17	<b>Work Package No</b>	WP1

<b>Description</b>
Summary on national roads maps: Analysis of commonalities and differences

**Deliverable D1.8 – D1.8 eFTI exchange environment test plan**

<b>Deliverable Number</b>	D1.8	<b>Lead Beneficiary</b>	5 - BMDV
<b>Deliverable Name</b>	D1.8 eFTI exchange environment test plan		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	20	<b>Work Package No</b>	WP1

<b>Description</b>
Definition of national and cross-border test cases for the eFTI exchange environment

**Deliverable D1.9 – D1.9 Legal implementation and certification strategy plan**

<b>Deliverable Number</b>	D1.9	<b>Lead Beneficiary</b>	5 - BMDV
<b>Deliverable Name</b>	D1.9 Legal implementation and certification strategy plan		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	26	<b>Work Package No</b>	WP1

Description
Definition of national strategies and processes for each MS with regard to the legal introduction of eFTI Gates and the introduction of national certification processes for eFTI Gates and platforms

**Deliverable D1.10 – D1.10 eFTI Gate Strategy and Governance Model**

<b>Deliverable Number</b>	D1.10	<b>Lead Beneficiary</b>	5 - BMDV
<b>Deliverable Name</b>	D1.10 eFTI Gate Strategy and Governance Model		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	29	<b>Work Package No</b>	WP1

Description
Common rules for eFTI Gates (e.g., rules for onboarding of eFTI platforms, rights and duties) and maintenance

**Deliverable D1.11 – D1.11 eFTI System specifications (final Versions)**

<b>Deliverable Number</b>	D1.11	<b>Lead Beneficiary</b>	5 - BMDV
<b>Deliverable Name</b>	D1.11 eFTI System specifications (final Versions)		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	31	<b>Work Package No</b>	WP1

Description
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**Deliverable D2.1 – D2.1 eFTI4EU pilot plan**

<b>Deliverable Number</b>	D2.1	<b>Lead Beneficiary</b>	7 - FI Transport&Co
<b>Deliverable Name</b>	D2.1 eFTI4EU pilot plan		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	11	<b>Work Package No</b>	WP2

Description
Detailed description and work plan for all national and cross-border pilots and pre-testing.

**Deliverable D2.2 – D2.2 Reference implementation release nr. 05 description and system test summary**

<b>Deliverable Number</b>	D2.2	<b>Lead Beneficiary</b>	7 - FI Transport&Co
<b>Deliverable Name</b>	D2.2 Reference implementation release nr. 05 description and system test summary		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	21	<b>Work Package No</b>	WP2

Description
Documented description of reference implementation and test results including recommendations and updated test plan.

**Deliverable D2.3 – D2.3 Reference implementation release nr. 09 description and pilot result summary**

<b>Deliverable Number</b>	D2.3	<b>Lead Beneficiary</b>	7 - FI Transport&Co
<b>Deliverable Name</b>	D2.3 Reference implementation release nr. 09 description and pilot result summary		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	44	<b>Work Package No</b>	WP2

Description
Documented description of reference implementation and pilot and test results including recommendations for MS eFTI implementation.

**Deliverable D3.1 – D3.1 Detailed Communication Plan**

<b>Deliverable Number</b>	D3.1	<b>Lead Beneficiary</b>	4.1 - CCEU
<b>Deliverable Name</b>	D3.1 Detailed Communication Plan		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	3	<b>Work Package No</b>	WP3

Description
Description and detailed planning

**Deliverable D3.2 – D3.2 Mid-Term Communication Report**

<b>Deliverable Number</b>	D3.2	<b>Lead Beneficiary</b>	4.1 - CCEU
<b>Deliverable Name</b>	D3.2 Mid-Term Communication Report		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	15	<b>Work Package No</b>	WP3

Description
Intermediate Report on Communication activities

**Deliverable D3.3 – D3.3 Final Communication Report**

<b>Deliverable Number</b>	D3.3	<b>Lead Beneficiary</b>	4.1 - CCEU
<b>Deliverable Name</b>	D3.3 Final Communication Report		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	43	<b>Work Package No</b>	WP3

<b>Description</b>
Final Report on Communication activities

**Deliverable D4.1 – D4.1 Progress Report**

<b>Deliverable Number</b>	D4.1	<b>Lead Beneficiary</b>	1 - MoClimate
<b>Deliverable Name</b>	D4.1 Progress Report		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	14	<b>Work Package No</b>	WP4

<b>Description</b>
The report will be prepared using the respective template provided in the portal. It will detail the actual progress of the project, per WP, for the period from M1 until M12. It will also refer to the main implementation issues, milestones, events or factors that affected the progress of the project. Finally, it will also include the planned progress per WP until the end of the project.

**Deliverable D4.2 – D4.2 Progress Report**

<b>Deliverable Number</b>	D4.2	<b>Lead Beneficiary</b>	1 - MoClimate
<b>Deliverable Name</b>	D4.2 Progress Report		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	26	<b>Work Package No</b>	WP4

<b>Description</b>
The report will be prepared using the respective template provided in the portal. It will detail the actual progress of the project, per WP, for the period from M13 until M24. It will also refer to the main implementation issues, milestones, events or factors that affected the progress of the project. Finally, it will also include the planned progress per WP until the end of the project.

**Deliverable D4.3 – D4.3 Progress report**

<b>Deliverable Number</b>	D4.3	<b>Lead Beneficiary</b>	1 - MoClimate
<b>Deliverable Name</b>	D4.3 Progress report		
<b>Type</b>	R — Document, report	<b>Dissemination Level</b>	SEN - Sensitive
<b>Due Date (month)</b>	38	<b>Work Package No</b>	WP4

Description
<p>The report will be prepared using the respective template provided in the portal. It will detail the actual progress of the project, per WP, for the period from M25 until M36. It will also refer to the main implementation issues, milestones, events or factors that affected the progress of the project. Finally, it will also include the planned progress per WP until the end of the project.</p>



## LIST OF MILESTONES

<b>Milestones</b> <i>Grant Preparation (Milestones screen) — Enter the info.</i>					
<b>Milestone No</b>	<b>Milestone Name</b>	<b>Work Package No</b>	<b>Lead Beneficiary</b>	<b>Means of Verification</b>	<b>Due Date (month)</b>
1	Kick-Off meeting	WP1	5 - BMDV	Kick-Off Meeting minutes with eFTI4EU partners to initiate the work on WP1 and in particular prepare the work in Task 1.1 and 1.2. with validation by the Project Board	1
2	Roadmap Workplan templates	WP1	5 - BMDV	National Roadmap for each participating MS, including roadmap templates and the timeframe with validation by the Project Board	3
3	Progress on technical specifications to comply with eFTI requirements	WP1	5 - BMDV	Interim report on technical specifications needed (at least for an eFTI Gate) to translate eFTI Implementing Act and related technical annexes into workable functional specifications that can be used for public procurement. To comply to eFTI requirements (=D1.5) with validation by the Project Board	13
4	Roadmap report ready	WP1	5 - BMDV	Roadmap Status Report (Summary on national road maps: Analysis of commonalities and differences) with validation by the Project Board	17
5	End of technical specifications to comply with eFTI requirements	WP1	5 - BMDV	Final report on technical specifications to comply with eFTI requirements (=D1.6) with its validation by the Project Board	32
6	eFTI Gate reference implementation release nr. 05	WP2	7 - FI Transport&Co	eFTI Gate reference implementation model release nr. 05 and its approval by the Project Board	21
7	Demo-Day on end-of-testing and eFTI implementation	WP2	7 - FI Transport&Co	Minutes of the public meeting (also available online) to show the eFTI developments and	26

Milestones					
Grant Preparation (Milestones screen) — Enter the info.					
Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date (month)
				integrations carried out by eFTI4EU partners on production environment	
8	End of the development and integration of the eFTI components	WP2	7 - FI Transport&Co	Final version on the eFTI gate components and its approval by the Project Board	44
9	eFTI Gate reference implementation release nr. 09	WP2	7 - FI Transport&Co	eFTI Gate reference model release nr. 09 documentation approved by the Project Board	35
10	Kick off of the digital communication campaigns	WP3	4.1 - CCEU	Project publications on internet and social network	6
11	WP 3 Intermediate Assessment	WP3	4.1 - CCEU	Evaluation of the different tools and events and corrective actions Publication of Mid-Term Communication Report	20
12	WP 3 Final Assessment	WP3	4.1 - CCEU	Evaluation of the different tools and events. Publication Final Communication Report	43
13	Project status meeting	WP4	1 - MoClimate	Project status meeting minutes 2023-2024	14
14	Progress status meeting v2	WP4	1 - MoClimate	Project status meeting minutes 2024-2025	26
15	Progress status meeting v3	WP4	1 - MoClimate	Project status meeting minutes 2025-2026	38

## LIST OF CRITICAL RISKS

Critical risks & risk management strategy			
Grant Preparation (Critical Risks screen) — Enter the info.			
Risk number	Description	Work Package No(s)	Proposed Mitigation Measures
1	Partner/Member State (MS) leaves the eFTI4EU project, political climate changes Impact = Medium, Chance = Low	WP4, WP1, WP3, WP2	Participation in eFTI4EU is a high-level decision for all participants. As internal communication and coordination is organized properly and partners are actively involved via WP4, problems can be detected, discussed and resolved within the project at a very early stage.
2	Unforeseen difficulties for the eFTI4EU Partners/ MS (political, economic, technical, financial, organisational) Impact = Medium, Chance = Medium	WP4, WP1, WP3, WP2	The eFTI4EU Coordinator and the PCC are in contact with the Partner/MS on a regular basis to inform each other about problems and progress where needed. In case of major difficulties, the coordinator is therefore informed in due time to inform the related MS and to elaborate on alternative concepts to achieve the eFTI4EU objectives. In the case of new technical challenges Task 4.3 will address those and prepare solution options to decide in the project coordination committee.
3	Milestones are not met Impact = High, Chance = Medium	WP4, WP1, WP3, WP2	An appropriate project monitoring according to the project Handbook is set up to detect deviations from plans in a timely manner. Critical deviations will be limited, and alternatives will be prepared and put in place. Official and formal risk management procedures will be activated and performed by the coordinator until the risk is under control again. CINEA will be continually informed about risks occurring to minimise the impact.
4	Delays with regard to the eFTI time plan of the European Commission, DA or IA not adopted Impact = High, Chance = Medium	WP4, WP1, WP3, WP2	Delays regarding the eFTI time plan, in particular about the provision of the planned DA and IA will have a direct impact on specifications or the planning and development of reference implementations and pilots within the MS and last but not least to availability of operational eFTI environment in August 2025. The project coordination committee will consult CINEA and the European Commission to find a proper solution (e.g., project extension, specific degree of implementation, etc.).
5	COVID pandemic extends for a longer period Impact = Medium, Chance = Low	WP4, WP1, WP3, WP2	Stakeholder engagement and fall-back to digital/virtual way of project management risk management will be put in place.
6	Not all stakeholders consulted - Not enough focus on the important stakeholders. Impact -medium, Chance = medium	WP4, WP1, WP3, WP2	For all the business process, make a list of actor types involved in these processes such as enforcing authorities, transport operators, IT developers, prof. organisations, make sure that they or their interest groups are consulted and/or involved. Make a stakeholder analysis.

<b>Critical risks &amp; risk management strategy</b> <i>Grant Preparation (Critical Risks screen) — Enter the info.</i>			
<b>Risk number</b>	<b>Description</b>	<b>Work Package No(s)</b>	<b>Proposed Mitigation Measures</b>
			For each concept, topic or projects and for each actor type define their attitude against these concept, topic or projects by making a power/ interest matrix. No effort goes to low power - low interest stakeholders and the high interest - high power stakeholders are actively managed.
7	Dissemination and communication not tailored to the target audience Impact -medium, Chance = low WP4	WP4	From previous stakeholder analysis target by topic the message to the audience. Define in a stakeholder management plan or communication plan.
8	Availability of resources is limited, not sufficient Impact -medium, Chance = medium	WP4, WP1, WP3, WP2	The project team has a back-up of most important profiles, The direct/indirect (through subcontracting) involvement of renowned organizations includes back-up procedures as to resources. Covid measures are common practice now.
9	Resistance regarding data sharing and nondisclosure of data formats Impact -high, Chance = medium	WP2	Close stakeholder cooperation to create mutual trust and willingness to share data
10	Conflicts in consortium Impact -medium, Chance = low	WP4, WP1, WP3, WP2	Experienced project coordination committee member and clearly defined project and organisation management structure; transparent project management & implementation; open discussion with partners to address problem
11	Insufficient alignment between project scope and DTLF and DTLF's subgroup, eFTI regulation Impact -medium, Chance = low	WP1, WP2	The consortium includes partners that actively participate in DTLF ever since its foundation (2014), having a profound understanding of existing Databases, IT architecture, applications, it gaps and fits, and participates in discussions related to drafting DTLF III and eFTI II-regulation. The consortium includes also the leading consultant supporting DGMOVE for the IAs DAs release
12	Insufficient testing and capacity (expertise, infrastructure) Impact -medium, Chance = medium	WP2	Besides the rich experience of consortium partners there is a testing environment available to allow extensive testing, valorisation. Testing is as much as possible part of training sessions, but also a sufficient number of additional testers are available.



ANNEX 1



# **Connecting Europe Facility (CEF)**

## **Description of the action (DoA)**

### **Part B**

Version 2.0



**PROJECT***Grant Preparation (General Information screen) — Enter the info.*

<b>Project number:</b>	101122891
<b>Project name:</b>	electronic Freight Transport Information for Europe
<b>Project acronym:</b>	22-EU-TG-eFTI4EU
<b>Call:</b>	CEF-T-2022-SIMOBGEN
<b>Topic:</b>	CEF-T-2022-SIMOBGEN-eFTI-WORKS
<b>Type of action:</b>	CEF-INFRA
<b>Service:</b>	CINEA/B/02
<b>Project starting date:</b>	fixed date: 1 April 2023
<b>Project duration:</b>	45 months

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## 1. PROJECT DESCRIPTION

### Project description, scope and objectives

#### A. Global Project and wider context

The efficiency of freight transport and logistics is vital for the growth and competitiveness of the Union's economy, the functioning of the internal market and the social and economic cohesion of all regions of the Union.

The overall aim of Regulation EU No 2020/1056 of 15 July 2020 on electronic Freight Transport Information (in short "eFTI Regulation") are:

- to encourage the digitalization of freight transport and logistics
- to reduce administrative costs, improve enforcement capabilities of competent authorities,
- and to enhance the efficiency and sustainability of transport.

The movement of goods, including waste and dangerous goods, is accompanied by a large amount of information which is still exchanged mainly in paper format among businesses, and between businesses and competent authorities. The use of paper documents represents a significant administrative burden for logistics operators and an additional cost for logistics operators and related industries (such as trade and manufacturing), in particular for SMEs, and has a negative impact on the environment.

**The objective of the Global Project is the full adoption of eFTI Regulation by Member States in all modes of transport.**

The global and wider context is to be found in the implementation by Member States of the eFTI Regulation, the competent authorities will be required to accept information made available electronically, that is whenever economic operators are obliged to make information available as proof of compliance with requirements laid down in Union legal acts covered by the Regulation.

The project will be based on the eFTI Regulation and the related Implementing Acts (IAs) and Delegated Acts (DAs). With three IA/DAs adopted only in 2024, and four remaining IA/DAs still to be adopted, this means that the eFTI4EU project will have to be flexible during its implementation in order to take into account these future specifications.

The IA/DAs concern the following topics:

- Commission Implementing Regulation (EU) 2024/1942 of 5 July 2024 laying down common procedures and detailed rules for accessing and processing electronic freight transport information by Competent Authorities in accordance with the eFTI Regulation (related to art. 8(1) eFTI Regulation).
- Commission Delegated Regulation (EU) 2024/2025 of 15 July 2024 supplementing the eFTI Regulation by amending its Annex I Part B (related to art. 2(1)(c) eFTI Regulation).
- Commission Delegated Regulation (EU) 2024/2024 of 26 July 2024 supplementing the eFTI Regulation by establishing the eFTI common data set and eFTI data subsets (related to art. 7 eFTI Regulation).
- Commission Implementing Regulation detailing the specifications of the requirements for eFTI Platforms (related to Art. 9(2) eFTI Regulation) (still to be adopted).
- Commission Implementing Regulation detailing the specifications of the requirements for eFTI Service Providers (related to Art. 10(2) eFTI Regulation) (still to be adopted).
- Commission Delegated Regulation detailing the rules for the certification of eFTI Platforms and the use of the certification mark (related to art. 12(5) eFTI Regulation) (still to be adopted).
- Commission Delegated Regulation detailing the rules for the certification of eFTI Service Providers (related to art. 13(3) eFTI Regulation) (still to be adopted).

The European Commission's current eFTI timeline requires that by 9th of July 2027 Member State authorities must have operational eFTI data exchange systems in place that allows Economic Operators to provide their transport information in the form of eFTI datasets and data subsets (art. 5 eFTI Regulation).

This project is the first action of the Global Project and will assist the Member States in preparing for the full implementation of the eFTI regulation by:

- supporting Member States, Competent Authorities and Economic Operators towards and harmonised eFTI implementation
- translating Delegated Acts and Implementing Acts in a common reference implementation
- supporting the creation of an effective eFTI environment
- delivering robust pilots

## **B. General Description of the Project and Location**

The project eFTI4EU starts between the provision of the eFTI implementing and delegated acts and the final interoperable implementation of the technical systems. It will encourage Member States to join forces, face the upcoming eFTI requirements, work jointly on common specifications and take profit of a well harmonised European wide eFTI exchange environment according to the regulation.

The project will support the process of implementation of the eFTI regulation in digitalizing freight transport and logistics. It will contribute to the implementation of a seamless paperless information exchange between businesses and authorities. The project will develop systems/IT platforms to be used by the competent authorities to access and process information electronically on a non-discriminatory basis and in accordance with Regulation EU 2020/1056 on electronic Freight Transport Information (eFTI).

Within this project and its WPs eFTI4EU Partners and associated partners will join forces to:

### **WP1 Horizontal Work:**

- collect authorities' road maps and support the exchange and common understanding of requirements; preparatory works to implement eFTI
- cooperate with European or corridor-specific initiatives related to specific transport modes or goods. For example, Inland Navigation
- analyse and implement B2A (national and cross-border) eFTI processes on functional level and in a harmonised way initiate a comprehensive cross-member state co-development of the eFTI exchange environment to ensure interoperability
- think beyond implementation and develop eFTI Gate strategy and governance (e.g., maintenance and service level agreements)
- to enable day-to-day operations by addressing topics like legal implementation, certification, and accessibility

### **WP2 National and Corridor Pilots:**

- focus on capability and usage of eFTI Gates
- integrate national and corridor B2A eFTI processes on functional level for all transport modes
- enable pilot planning, collaboration, testing (in particular with regards to interoperability) and knowledge sharing

### **WP3 Communication, Dissemination & Capacity Building:**

- building capacity and disseminate the result and accelerate the eFTI implementation effort for other member states that are not joining this project
- involve external stakeholders to promote eFTI (in particular economic operators which should make use of the opportunity of digitalised transport information)

### **WP4 Project Management and coordination:**

- ensure the smooth (administrative) progress of the project and fulfil the planned activities with the possibility to meet unforeseen challenges

As expected, outcomes and results of the Project, the participants will take profit of:

- pioneering information and knowledge about eFTI
- shared resources, co-creation and co-development for eFTI
- profound information and lessons learnt about eFTI architecture and pilots
- reference architecture to support eFTI implementation

In detail the project (that is a study including pilots) comprises the following:

### **Studies:**

- Provision of national eFTI roadmaps
- Participation in the horizontal alignment work package to promote harmonisation of eFTI development and interoperability between Member States. This also covers the specification and the common co-development of eFTI reference implementations (eFTI platform and eFTI Gate)
- Communication and dissemination, knowledge sharing activities in the MSs to promote eFTI

### **Pilots:**

- Development and piloting of an eFTI gate aligned with the jointly specified and developed reference implementation
- eFTI gate pilots cover the following communication paths:
  - eFTI gate to competent authorities
  - eFTI gate to eFTI platforms
  - eFTI gate to other eFTI gates
  - eFTI gate to other linked systems



The project will be implemented by the following project partners:

- Eight (8) Member States as full beneficiaries (Estonia, Germany, Finland, France, Italy, Portugal, Austria, Lithuania,); they are participating with their Ministry in charge of the eFTI implementation and / or with internal Agencies acting on their behalf and /or in cooperation with selected IT companies for the pilot development. These partners are:

EE KLIIMAMINISTEERIUM  
DE BUNDESMINISTERIUM FÜR DIGITALES UND VERKEHR  
DE BUNDESAMT LOGISTIK UND MOBILITÄT  
FI LIIKENNE JA VIESTINTÄVIRASTO  
AT SCHIENENINFRASTRUKTUR-DIENSTLEISTUNGSGESELLSCHAFT MBH  
AT BUNDESMINISTERIUM FÜR KLIMASCHUTZ, UMWELT, ENERGIE, MOBILITÄT, INNOVATION UND TECHNOLOGIE  
IT MINISTERO DELLE INFRASTRUTTURE E DEI TRASPORTI IT RETE AUTOSTRADE MEDITERRANEE PER LA LOGISTICA LE INFRASTRUTTURE ED I TRASPORTI SOCIETÀ PER AZIONI  
PT INSTITUTO DA MOBILIDADE E DOS TRANSPORTES, I P  
FR MINISTÈRE DE LA TRANSITION ÉCOLOGIQUE ET DE LA COHESION DES TERRITOIRES  
LT LIETUVOS RESPUBLIKOS SUSISIEKIMO MINISTERIJA  
LT VALSTYBES IMONĖ KLAIPĖDOS VALSTYBINIO JURŲ UOSTO DIREKCIJA

- Three (3) Member States participating as observers (Ireland, Spain and the Netherlands). These partners are:

DEPARTMENT OF TRANSPORT (IRELAND)  
MINISTERIO DE TRANSPORTES, MOVILIDAD (SPAIN)  
MINISTRY OF INFRASTRUCTURE AND WATER MANAGEMENT (NETHERLANDS)

- Four (4) eFTI Consultant Companies with top level expertise in eFTI:

EE DIGILOGISTIKA KESKUS  
LU 51BIZ LUXEMBOURG SARL  
BE PORTS AND TERMINALS CVBA  
IT MAGELLAN CIRCLE ITALY SRL

- Four (4) IT companies providing software development for the pilots in their countries:

IT CIRCLE SPA  
FR IMPRIMERIE NATIONALE  
LT UAB NORMALIS TECH  
eXyond SRL

- Two (2) other beneficiaries for the specific eFTI implementation in Lithuania:

LT TRANSPORTO INOVACIJŲ ASOCIACIJA  
LT VALSTYBES IMONĖ KLAIPĖDOS

- One (1) a non-profit organization dedicated to the transport, logistics, supply chain and mobility sector in the French-speaking part of Belgium:

BE LOGISTICS IN WALLONIA

- One (1) international interministerial cooperation partnership (Northern Dimension Partnership for Transportation and Logistics (NDPTL)) working under the international organisation Nordic Investment Bank (NIB). NDPTL is a transboundary initiative and network of transport Ministries in northern Europe (in its current format consisting of the nine partners: Estonia, Finland, Germany, Latvia, Lithuania, Norway, Poland, Sweden and the European Commission. The key focus areas of recent NDPTL work include digitalization and green transition in transport. NDPTL has a secretariat, hosted by the Nordic Investment Bank (NIB). As NDPTL Secretariat does not have legal identity, NIB acts on behalf of NDPTL based on the NDPTL Secretariat Agreement -concluded between NIB and the participating countries. The role of NDPTL in the EFTI4EU project includes engaging and involving relevant public bodies from those NDPTL countries, which are not direct project partners in project activities (Latvia, Poland, Norway & Sweden). In addition, the NDPTL network, consisting of regular meetings of representatives of Transport/Foreign Affairs Ministries & DGs - the nine partners mentioned above, will facilitate intergovernmental dialogue on, and dissemination of, project activities and results.

### Location

The scope of the eFTI4EU project includes all 27 Member States, different modes of transports (road, rail, inland navigation, air and maritime) and administrations that are impacted by the EU 2020/1056 regulation. This will be achieved by a European eFTI reference architecture and its cross-border pilots. Ultimately, the project will support the vision of generating digital and vibrant eFTI Core Network Corridors across the EU.

**The project will be executed in 8 EU Member States (Estonia, Germany, Finland, France, Italy, Portugal, Austria, Lithuania) with cross border pilots that will also be exploited in all the 9 Core Network Corridors.**



eFTI4EU Project Partners



TEN T Corridors

### **C. Justification for the Project**

Through the eFTI Regulation EU 2020/1056, the EU wants to boost and harmonise the digitalization of logistics and transport. For companies eFTI provides a good opportunity to move from paper documents to digital data exchange and hence streamline their own processes. Based on industry comments the savings can be above EUR 10 per digital cargo document from the process point of view.

While the deadline to implement eFTI is getting closer, all authorities in the EU Member States need to speed up and prepare to meet the upcoming requirements in a rather quick manner - e.g., they need to join together and agree on rules to manage cross-border eFTI dataset requests, set up their data exchange readiness and instruct local/international eFTI platforms on the connectivity.

In other words, based upon the regional differences, existing or new platforms and ecosystems have to be integrated or made interoperable across the EU in such a way that all competent authorities could equally well exchange the required data - a task that a single Member States (MS) cannot solve alone.

The questions of Member States currently are:

- On which (certified) eFTI Platform can an authority find the appropriate eFTI Data Set in case of a check?
- How can an authority trust and verify transport information that is presented in an electronic format?
- How can an economic operator trust and verify that a public officer has the mandate to request transport information?
- How to define the rules and set up national query systems to fit all international destinations for queries?
- How (if) should a MS set up an eFTI Gate without “discovering” its rules on its own?
- How to set up a well-functioning eFTI architecture and eFTI Gate?
- How can economic operators be encouraged to accept and use the implementation of eFTI?
- How does the budget and funding calculation timeline for MS look like (individual implementation roadmaps)?

To face this challenge Digital Transport and Logistic Forum Experts join together with various national and regional authorities they already cooperate with.

The foundation of the project will be based on the eFTI Regulation and the related IAs and Das that will serve as starting points for all the project activities.

The project follows the vision of eFTI that this task can be efficiently managed by an architecture comprising a federated, coordinated (harmonised) and trusted eFTI network. Therefore, e.g., existing systems (UNECE eDGTI dangerous goods system), EU building blocks and proven practices of previous CEF and Horizon projects (e.g., FENIX, FEDeRATED, DIGINNO Proto, etc.) could be reused and, if necessary, adapted to fulfil the eFTI requirements (Delegated Acts - Das- and Implementing Acts - IAs).

In order to get an overview of the current state of eFTI development in the Member States, the project supports the creation of individual roadmaps for all participating Member States, which serve for further cooperation and as a foundation for joint specifications.

Following the project vision, a trusted network of eFTI Gates or similar services have to be developed. For that, the project envisages support in planning, organising and coordinating harmonised rules for platforms and components. The national ecosystems which manage the data exchange between eFTI Gate and eFTI Platforms can be different and to some extent the functional and technical national or regional eFTI Gate structure could be different. Yet, they all have to communicate with each other in cases of authority queries on eFTI datasets. Eventually new mechanisms could be built on jointly evolved building blocks. Jointly developed and used building blocks will be tested and piloted to ensure interoperability.

Frontrunner MS will do first developments / implementations and perform (cross-border) interoperability pilots and checks. For the harmonised eFTI data exchange common open-source solutions or modules will be specified and used. This requires a common understanding of rules and specifications to be followed.

The project will be carried out in compliance with relevant Union and national laws, in particular with Union legal acts on the environment, climate protection, safety, security, competition, state aid, public procurement, public health and accessibility.

eFTI4EU project aims at development of all the components of the systems/IT platforms to be used by the competent authorities to access and process information electronically in accordance with the provisions of the eFTI Regulation and its implementing and delegated acts, including:

- Pilot testing of exchanges with IT platforms of the economic operators (when adapted to meet the specifications for eFTI platforms in line with eFTI implementing and delegated acts).
- Knowledge and good practice sharing with other Member States, including technical implementation guides.
- Communication measures aimed at awareness raising and training of responsible officials in the competent authorities concerned.

Digital platforms developed under eFTI4EU aim to be accessible for use by all operators on a non-discriminatory basis.

The studies conducted will be an effort to fill the gaps and align specifications across borders, while the pilots serve as contact points and possible testbeds for the Member States and European Commission, the businesses and platforms that are to be developed within and outside the project. Both the organisations in Member States of the project implementation and in the Member States outside this project are welcome to reap the practical benefits of the pilots while they are being developed and while these are being implemented.

The output of the project and its deliverables are direct tools and input for policy making, development and pooling of best practices on eFTI and digitalisation of transport and trade data.

#### **D. Overall objective**

The Project's overall objectives are in line with the overall aim of the Regulation EU No 2020/1056, commonly known as "eFTI electronic Freight Transport Information."

These objectives include:

- Promoting the digitalization of freight transport and logistics.

Decreasing administrative expenses and strengthening the enforcement capabilities of competent authorities. - Enhancing the efficiency and sustainability of transportation.

#### **E. Specific objectives and how they will be met**

The **specific objectives** are:

- to identify, by means of country-specific roadmaps, inter alia, the inventory of existing reusable systems, requirements for national eFTI implementation, resource needs (financial and technical) and requirements for the long-term operation of the eFTI exchange environment
- to analyse the DA and IA proposed by the EU Commission and jointly translate them into harmonised technical specifications, thus providing Member States with solid specifications, e.g., for the development/tendering of an eFTI gate
- to develop national and cross-border test strategies to test the eFTI exchange environment
- to develop a strategy for an open-source reference implementation of an eFTI gate
- to develop an agreed governance model that describes general rules for eFTI gates and the maintenance of the specifications
- to test and pilot
  - o eFTI gate to competent authorities' data exchange,
  - o eFTI gate to eFTI platforms data exchange,
  - o eFTI gate to other eFTI gates data exchange,
  - o eFTI gate to other liked systems data exchange.
- to support a wide communication, awareness raising, and cross fertilisation and capacity building activities supporting a harmonised eFTI development including:
  - o a set of communication /information / training tools,
  - o a set of national events in which MSs will communicate eFTI to EOs and to a broader public
  - o a set of European workshops for very specific detailed issues,
  - o 3 yearly eFTI conferences,
  - o a series of workshops / on-site visits,
  - o onboarding trainings (webinars) and a set of training courses.

This will be organised in 4 Work Packages (listed below) with specific outcomes as described in the DoA Part A:

WP1 Horizontal Work

WP2 National and Corridor Pilots

WP3 Communication, Dissemination & Capacity Building

WP4 Project Management and coordination

ANNEXES

LIST OF ANNEXES

1. Subcontracting table

ANNEX 1 - SUBCONTRACTING TABLE

<div><b>Subcontracting</b></div> <div><i>Give details on subcontracted action tasks (if any).</i></div> <div><i>Subcontracts must be awarded using your usual purchasing practices – provided that they ensure best value for money and no conflict of interests. If you are a ‘contracting authority/entity’ within the meaning of the EU Directives on public procurement, you must also comply with the applicable national law on public procurement.</i></div> <div><b>Note:</b> <i>The coordinator remains fully responsible for the coordination tasks, even if they are delegated to someone else. Coordinator tasks cannot be subcontracted.</i></div>			
Task number to be subcontracted (follow the numbering in the grant agreement)	Name of task to be subcontracted	Description (Describe briefly the part of the task to be subcontracted and indicate the BEN/AE (affiliated entity) responsible)	Estimated Costs (EUR)
WP 1	Overall package lead	<p>The collection and evaluation of information, participation in EU IT-technical working groups, analysis and evaluation of EU working papers and proposals regarding German implementation conditions, impact assessments, preparation of the situation in Germany about the state of preparation of the authorities, estimation of the costs for the BMDV and the German authorities.</p> <p>BEN:</p> <p>05. DE BMDV BUNDESMINISTERIUM FÜR DIGITALES UND VERKEHR</p> <p>06. DE BLM Bundesamt Logistik und Mobilität</p>	387,833
Task 1.1, Task 1.2, Task 1.3, Task 1.4 (WP 1)	<p>Task 1.1 Authorities’ Road map (requirements and preparatory works)</p> <p>Task 1.2 Interoperability of eFTI exchange environment (planning, reference specification, testing)</p> <p>Task 1.3 eFTI Gate Strategy and Governance (Common Rule Set)</p> <p>Task 1.4 eFTI Gate Content and Accessibility (e.g., Metadata, Access Management)</p>	<p>Subcontracting costs for development of IT applications related to the pilots in WP 2. The amount is for development of Functional and Technical design of reference architecture.</p> <p>BEN:</p> <p>01. EE KLIIMAMINISTEERIUM</p> <p>02. EE Digilogistika Keskus</p> <p>03. LU 51biz Luxembourg</p> <p>04. IT Circle Spa</p> <p>05. DE BMDV BUNDESMINISTERIUM FÜR DIGITALES UND VERKEHR</p> <p>06. DE BLM Bundesamt Logistik und Mobilität</p> <p>07. FI Transport &amp; CO LIIKENNE JA VIESTINTAVIRASTO</p> <p>08. AT SCHIG Schieneninfrastruktur-Dienstleistungsgesellschaft MBH</p> <p>09. BE Ports and Terminals (PortExpertise)</p> <p>11. PT INSTITUTO DA MOBILIDADE E DOS TRANSPORTES, I P</p> <p>12. FI Nordic Investment Bank</p> <p>14. LT TIA Transport Innovation Association</p> <p>15. FR Groupe IN Imprimerie Nationale SA</p> <p>16 LT Valstybes Imone Klaipedos State Enterprise Klaipeda</p> <p>AE:</p> <p>10.1 IT RAM RETE AUTOSTRADE MEDITERRANEE PER LA LOGISTICA</p> <p>15.1. FR Ministère de la transition écologique</p>	3,057,171
Task 1.1, Task 1.5 (WP 1)	<p>Task 1.1 Authorities roadmap</p> <p>Task 1.5 Legal implementation and Certification-related affairs and rules</p>	<p>Subcontracting cost for Legal expert on Member States’ legislation.</p> <p>BEN:</p> <p>01. EE KLIIMAMINISTEERIUM</p> <p>05. DE BMDV BUNDESMINISTERIUM FÜR DIGITALES UND VERKEHR</p> <p>06. DE BLM Bundesamt Logistik und Mobilität</p> <p>07. FI Transport &amp; CO LIIKENNE JA VIESTINTAVIRASTO</p> <p>08. AT SCHIG Schieneninfrastruktur-Dienstleistungsgesellschaft MBH</p> <p>11. PT INSTITUTO DA MOBILIDADE E DOS TRANSPORTES, I P</p> <p>14. LT TIA Transport Innovation Association</p> <p>15. FR Groupe IN Imprimerie Nationale SA</p> <p>16 LT Valstybes Imone Klaipedos State Enterprise Klaipeda</p> <p>AE:</p> <p>10.1 IT RAM RETE AUTOSTRADE MEDITERRANEE PER LA LOGISTICA</p> <p>15.1. FR Ministère de la transition écologique</p>	19,392

Task 1.1 (WP 1), Task 2.3 (WP 2)	Task 1.1 Authorities roadmap Task 2.3 System development	Subcontracting cost for Cyber security expert(s). BEN: 01. EE KLIIMAMINISTEERIUM 02. EE Digilogistika Keskus 03. LU 51biz Luxembourg 04. IT Circle Spa 05. DE BMDV BUNDESMINISTERIUM FÜR DIGITALES UND VERKEHR 06. DE BLM Bundesamt Logistik und Mobilität 07. FI Transport & CO LIIKENNE JA VIESTINTAVIRASTO 08. AT SCHIG Schieneninfrastruktur-Dienstleistungsgesellschaft MBH 09. BE Ports and Terminals (PortExpertise) 11. PT INSTITUTO DA MOBILIDADE E DOS TRANSPORTES, I P 12. FI Nordic Investment Bank 14. LT TIA Transport Innovation Association 15. FR Groupe IN Imprimerie Nationale SA 16 LT Valstybes Imone Klaipedos State Enterprise Klaipeda AE: 10.1 IT RAM RETE AUTOSTRADE MEDITERRANEE PER LA LOGISTICA 15.1. FR Ministère de la transition écologique	29,087
Task 1.4 (WP 1), Task 2.3 (WP2)	Task 1.4 eFTI Gate Content and Accessibility (e.g., Metadata, Access Management) Task 2.3 System development, testing and piloting	Data management services, supplier assistance for use of online tool for metadata management. BEN: 01. EE KLIIMAMINISTEERIUM 02. EE Digilogistika Keskus 03. LU 51biz Luxembourg 04. IT Circle Spa 05. DE BMDV BUNDESMINISTERIUM FÜR DIGITALES UND VERKEHR 06. DE BLM Bundesamt Logistik und Mobilität 07. FI Transport & CO LIIKENNE JA VIESTINTAVIRASTO 08. AT SCHIG Schieneninfrastruktur-Dienstleistungsgesellschaft MBH 09. BE Ports and Terminals (PortExpertise) 11. PT INSTITUTO DA MOBILIDADE E DOS TRANSPORTES, I P 12. FI Nordic Investment Bank 14. LT TIA Transport Innovation Association 15. FR Groupe IN Imprimerie Nationale SA 16 LT Valstybes Imone Klaipedos State Enterprise Klaipeda AE: 10.1 IT RAM RETE AUTOSTRADE MEDITERRANEE PER LA LOGISTICA 15.1. FR Ministère de la transition écologique	29,087
Task 2.3, Task 2.4 (WP 2)	Task 2.3 System development, testing and piloting. Task 2.4 Cross-border testing and pilots	Specific IT and logistic expertise for the definition of the technical and functional specifications of the solutions, for the implementations of the pilots and for the evaluation of the results. BEN: 01. EE KLIIMAMINISTEERIUM 02. EE Digilogistika Keskus 03. LU 51biz Luxembourg 04. IT Circle Spa 05. DE BMDV BUNDESMINISTERIUM FÜR DIGITALES UND VERKEHR 06. DE BLM Bundesamt Logistik und Mobilität 07. FI Transport & CO LIIKENNE JA VIESTINTAVIRASTO 08. AT SCHIG Schieneninfrastruktur-Dienstleistungsgesellschaft MBH 09. BE Ports and Terminals (PortExpertise) 11. PT INSTITUTO DA MOBILIDADE E DOS TRANSPORTES, I P 12. FI Nordic Investment Bank 14. LT TIA Transport Innovation Association 15. FR Groupe IN Imprimerie Nationale SA 16 LT Valstybes Imone Klaipedos State Enterprise Klaipeda AE: 10.1 IT RAM RETE AUTOSTRADE MEDITERRANEE PER LA LOGISTICA 15.1. FR Ministère de la transition écologique	12,231,043
WP 4	Final reporting: Certificate of the financial statements (CFS)	Costs of auditing and administrative support(s) for the following project partners. BEN: 01. EE KLIIMAMINISTEERIUM 02. EE Digilogistika Keskus 03. LU 51biz Luxembourg 04. IT Circle Spa	174,524

		05. DE BMDV BUNDESMINISTERIUM FÜR DIGITALES UND VERKEHR 06. DE BLM Bundesamt Logistik und Mobilität 07. FI Transport & CO LIIKENNE JA VIESTINTAVIRASTO 08. AT SCHIG Schieneninfrastruktur-Dienstleistungsgesellschaft MBH 09. BE Ports and Terminals (PortExpertise) 12. IT RETE AUTOSTRADE MEDITERRANEE PER LA LOGISTICA 13. PT INSTITUTO DA MOBILIDADE E DOS TRANSPORTES, I P 15. FR Groupe IN Imprimerie Nationale SA 16 LT Valstybes Imone Klaipedos State Enterprise Klaipeda AE: 15.1. FR Ministère de la transition écologique	
Task 4.1 (WP 4)	Task 4.1 Project management and controlling	Subcontracting of a Lead technical workgroup. BEN: 09. BE Ports and Terminals (PortExpertise)	145,437
Task 4.1 (WP 4)	Task 4.1 Project management and controlling	Subcontracting of assistants project management team (3 - 4 Full time Equivalent). BEN: 09. BE Ports and Terminals (PortExpertise)	87,263
Task 4.1 (WP 4)	Task 4.1 Project management and controlling	Quality control (quality management expert, writing quality guidelines, review work of deliverables, language checks). BEN: 09. BE Ports and Terminals (PortExpertise)	69,810
Task 4.1 (WP 4)	Task 4.1 Project management and controlling	Graphics and video support to create media to facilitate workshops, capacity building and other dissemination levels related to the project. BEN: 09. BE Ports and Terminals (PortExpertise)	19,392
		<b>TOTAL</b>	<b>16,250,039</b>

HISTORY OF CHANGES		
VERSION	PUBLICATION DATE	CHANGE
1.0	28.09.2023	Initial version
2.0	20/01/2026	GA amendment: <ul style="list-style-type: none"><li>- Removal of a beneficiary</li><li>- Addition of an affiliated entity</li><li>- Extension of project end date</li><li>- Update of financial information (budget table)</li></ul>

ANNEX 1

DETAILED BUDGET BREAKDOWN PER REPORTING PERIOD

			Estimated eligible costs (per budget category)														Estimated EU contribution				
			Direct costs												Indirect costs	Total costs	EU contribution to eligible costs			Total requested EU contribution	
																	Funding rate %	Maximum EU contribution	Requested EU contribution		
			A. Personnel costs		B. Subcontracting costs	C. Purchase costs				D. Other cost categories					E. Indirect costs						
A.1 Employees (or equivalent)		A.4 SME owners and natural person beneficiaries	C.1 Travel and subsistence			C.2 Equipment	C.3 Other goods, works and services	D.1 Financial support to third parties	D.2 Studies	D.3 Synergetic elements	D.4 Works in outermost regions	D.5 Land purchases									
A.2 Natural persons under direct contract			Travel	Accommodation	Subsistence																
A.3 Seconded persons																					
Forms of funding	Actual costs	Unit costs (usual accounting practices)	Unit costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Flat-rate costs						
	a1	a2	a3	b	c1a	c1b	c1c	c2	c3	d1a	d2	d3	d4	d5	e <sup>1</sup>	f = a+b+c+d	V, W, X	g <sup>2</sup>	h	m	
Reporting period 1																					
1 - MoClimate	328 219.88	0.00	0.00	1 145 514.00	70 788.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1 544 521.88	50, 50, 70	772 260.94	772 260.94	772 260.94	
2 - DLK	670 000.00	0.00	0.00	536 000.00	67 000.00	0.00	0.00	0.00	67 000.00	0.00	0.00	0.00	0.00	0.00	0.00	1 340 000.00	50, 50, 70	670 000.00	670 000.00	670 000.00	
3 - 51Biz LUXEMBURG	320 000.00	0.00	0.00	141 280.00	21 000.00	0.00	0.00	0.00	108 000.00	0.00	0.00	0.00	0.00	0.00	0.00	590 280.00	50, 50, 70	295 140.00	295 140.00	295 140.00	
4 - CIRCLE SPA	869 304.00	0.00	0.00	42 676.00	12 070.00	0.00	0.00	0.00	15 950.00	0.00	0.00	0.00	0.00	0.00	0.00	940 000.00	50, 50, 70	470 000.00	470 000.00	470 000.00	
4.1 - CCEU	442 989.00	0.00	0.00	0.00	13 879.00	0.00	0.00	0.00	23 132.00	0.00	0.00	0.00	0.00	0.00	0.00	480 000.00	50, 50, 70	240 000.00	240 000.00	240 000.00	
4.2 - eXyond	52 500.00	0.00	0.00	0.00	5 000.00	0.00	0.00	0.00	12 500.00	0.00	0.00	0.00	0.00	0.00	0.00	70 000.00	50, 50, 70	35 000.00	35 000.00	35 000.00	
5 - BMDV	72 000.00	0.00	0.00	2 462 000.00	36 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2 570 000.00	50, 50, 70	1 285 000.00	1 285 000.00	1 285 000.00	
6 - BALM	390 000.00	0.00	0.00	2 400 000.00	30 000.00	0.00	0.00	150 000.00	30 000.00	0.00	0.00	0.00	0.00	0.00	0.00	3 000 000.00	50, 50, 70	1 500 000.00	1 500 000.00	1 500 000.00	
7 - FI Transport&Co	1 170 000.00	0.00	0.00	3 680 000.00	60 000.00	0.00	0.00	0.00	60 000.00	0.00	0.00	0.00	0.00	0.00	0.00	4 970 000.00	50, 50, 70	2 485 000.00	2 485 000.00	2 485 000.00	
8 - SCHIG	240 000.00	0.00	0.00	480 000.00	40 000.00	0.00	0.00	40 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	800 000.00	50, 50, 70	400 000.00	400 000.00	400 000.00	
8.1 - BMK	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50, 50, 70	0.00	0.00	0.00	
9 - PORTEXPERTISE	560 425.00	0.00	0.00	350 000.00	31 075.00	0.00	0.00	30 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	971 500.00	50, 50, 70	485 750.00	485 750.00	485 750.00	
10 - MIT	15 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15 000.00	50, 50, 70	7 500.00	7 500.00	7 500.00	
10.1 - RAM SPA	355 000.00	0.00	0.00	330 000.00	25 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	710 000.00	50, 50, 70	355 000.00	355 000.00	355 000.00	
11 - IMT, I. P.	1 345 000.00	0.00	0.00	130 000.00	25 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1 500 000.00	50, 50, 70	750 000.00	750 000.00	750 000.00	
12 - Nordic Invest	276 000.00	0.00	0.00	5 000.00	4 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	285 000.00	50, 50, 70	142 500.00	142 500.00	142 500.00	
13 - NORM	190 000.00	0.00	0.00	0.00	10 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200 000.00	50, 50, 70	100 000.00	100 000.00	100 000.00	
14 - TIA	90 000.00	0.00	0.00	81 000.00	9 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	180 000.00	50, 50, 70	90 000.00	90 000.00	90 000.00	
15 - Groupe IN	2 599 275.00	0.00	0.00	2 516 569.00	100 000.00	0.00	0.00	130 000.00	150 000.00	0.00	0.00	0.00	0.00	0.00	0.00	5 495 844.00	50, 50, 70	2 747 922.00	2 747 922.00	2 747 922.00	
15.1 - French Ministry	50 000.00	0.00	0.00	900 000.00	50 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1 000 000.00	50, 50, 70	500 000.00	500 000.00	500 000.00	
16 - KLAIPEDA PORT	375 000.00	0.00	0.00	1 050 000.00	75 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1 500 000.00	50, 50, 70	750 000.00	750 000.00	750 000.00	
17 - LT MIN.TRANSF.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50, 50, 70	0.00	0.00	0.00	
18 - SPW	138 158.12	0.00	0.00	0.00	2 320.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	140 478.12	50, 50, 70	70 239.06	70 239.06	70 239.06	
19 - LIW	40 000.00	0.00	0.00	0.00	10 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50 000.00	50, 50, 70	25 000.00	25 000.00	25 000.00	
Total	10 588 871.00	0.00	0.00	16 250 039.00	697 132.00	0.00	0.00	350 000.00	466 582.00	0.00	0.00	0.00	0.00	0.00	0.00	28 352 624.00		14 176 312.00	14 176 312.00	14 176 312.00	

<sup>1</sup> e = flat-rate \* (a1 + a2 + a3 + b + c1a + c1b + c1c + c2 + c3 + d1a + d2 + d3 + d4 + d5)  
<sup>2</sup> g = (a1 + a2 + a3) \* V% + b \* V% + (c1a + c1b + c1c + c2 + c3) \* V% + (d1a + d3 + d5) \* V% + d2 \* W% + d4 \* X% + e \* V%



# INSTRUCTIONS (DETAILED BUDGET TABLE PER WP)

## **General**

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

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

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

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

## **Getting started**

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

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

### **1- Start sheet**

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

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

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

### **3 - Participants sheet**

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

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

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

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

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

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

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

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

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

## **Warning**

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

<b>START (DETAILED BUDGET TABLE PER WP)</b>
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<b>PROJECT DATA</b>	
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<b>Project number:</b>	<b>101122891</b>
<b>Project acronym:</b>	<b>eFTI4EU</b>

<b>Work package name</b>	<b>Funding Rate</b>
WP 1 Horizontal Alignment	50%
WP 2 National and Corridor Pilots	50%
WP 3 Communication, Dissemination & Capacity Building	50%
WP 4 Project Management and coordination	50%

<b>Participant name</b>
-------------------------

- 01. MoClimate (EE)
- 02. DLK (EE)
- 03. 51biz Luxembourg (LU)
- 04. Circle Spa (IT)
- 04.1. (AE) CCEU (IT)
- 04.2. (AE) ExYond (IT)
- 05. BMDV (DE)
- 06. BALM (DE)
- 07. FI Transport & CO (FI)
- 08. SCHIG (AT)
- 08.1. (AE) BMK (AT)
- 09. PortExpertise (BE)
- 10. MIT (IT)
- 10.1. (AE) RAM SPA (IT)
- 11. IMT, I.P. (PT)
- 12. Nordic Invest (FI)
- 13. NORM (LT)
- 14. TIA (LT)
- 15. Groupe IN (FR)
- 15.1. (AE) French Ministry (FR)
- 16. KLAIPEDA PORT (LT)
- 17. MIN. TRANSP. (LT)
- 18. SPW (BE)
- 19. LIW (BE)



[illegible]

## Summary per work package

Row Labels	Reporting period_1	FP RP_1	Sum of Total costs	Sum of EU contribution
WP 1 Horizontal Alignment	5.826.590,00	100%	5.826.590,00	2.913.295,00
WP 2 National and Corridor Pilots	17.406.908,00	100%	17.406.908,00	8.703.454,00
WP 3 Communication, Dissemination & Capacity Building	1.904.539,00	100%	1.904.539,00	952.269,50
WP 4 Project Management and coordination	3.214.587,00	100%	3.214.587,00	1.607.293,50
<b>Grand Total</b>	<b>28.352.624,00</b>	<b>100%</b>	<b>28.352.624,00</b>	<b>14.176.312,00</b>

WARNING: IF YOU HAVE CHANGED ANY OF THE NAMES OF THE WP OR PARTICIPANTS YOU HAVE TO REFRESH THE PIVOT TABLES (RIGHT CLICK INSIDE ONE OF THE PIVOT TABLES AND PRESS REFRESH)

## Summary per Participant

Row Labels	Reporting period_1	Sum of Total costs	Sum of EU contribution
01. MoClimate (EE)	1.544.521,88	1.544.521,88	772.260,94
02. DLK (EE)	1.340.000,00	1.340.000,00	670.000,00
03. 51biz Luxembourg (LU)	590.280,00	590.280,00	295.140,00
04. Circle Spa (IT)	940.000,00	940.000,00	470.000,00
04.1. (AE) CCEU (IT)	480.000,00	480.000,00	240.000,00
04.2. (AE) ExYond (IT)	70.000,00	70.000,00	35.000,00
05. BMDV (DE)	2.570.000,00	2.570.000,00	1.285.000,00
06. BALM (DE)	3.000.000,00	3.000.000,00	1.500.000,00
07. FI Transport & CO (FI)	4.970.000,00	4.970.000,00	2.485.000,00
08. SCHIG (AT)	800.000,00	800.000,00	400.000,00
08.1. (AE) BMK (AT)	0,00	0,00	0,00
09. PortExpertise (BE)	971.500,00	971.500,00	485.750,00
10. MIT (IT)	15.000,00	15.000,00	7.500,00
10.1. (AE) RAM SPA (IT)	710.000,00	710.000,00	355.000,00
11. IMT, I.P. (PT)	1.500.000,00	1.500.000,00	750.000,00
12. Nordic Invest (FI)	285.000,00	285.000,00	142.500,00
13. NORM (LT)	200.000,00	200.000,00	100.000,00
14. TIA (LT)	180.000,00	180.000,00	90.000,00
15. Groupe IN (FR)	5.495.844,00	5.495.844,00	2.747.922,00
15.1. (AE) French Ministry (FR)	1.000.000,00	1.000.000,00	500.000,00
16. KLAIPEDA PORT (LT)	1.500.000,00	1.500.000,00	750.000,00
17. MIN. TRANSP. (LT)	0,00	0,00	0,00
18. SPW (BE)	140.478,12	140.478,12	70.239,06
19. LIW (BE)	50.000,00	50.000,00	25.000,00
<b>Grand Total</b>	<b>28.352.624,00</b>	<b>28.352.624,00</b>	<b>14.176.312,00</b>



#	EU CONTRIBUTION	TOTAL COSTS
ENCODE VALUE FROM EGRANTS	14.176.312,00	28.352.624,00
DIFFERENCE	0,00	0,00

NO CHANGES ALLOWED - TABLE IS AUTOMATICALLY FILLED - DO NOT INSERT/DELETE ROWS

ANNEX 2

ESTIMATED BUDGET FOR THE ACTION

	Estimated eligible <sup>1</sup> costs (per budget category)															Estimated EU contribution <sup>2</sup>				
	Direct costs														Indirect costs	Total costs	EU contribution to eligible costs			Maximum grant amount <sup>6</sup>
	A. Personnel costs		B. Subcontracting costs	C. Purchase costs			D. Other cost categories						E. Indirect costs <sup>3</sup>	Funding rate % <sup>4</sup>			Maximum EU contribution <sup>5</sup>	Requested EU contribution		
	A.1 Employees (or equivalent)	A.4 SME owners and natural person beneficiaries		C.1 Travel and subsistence			C.2 Equipment	C.3 Other goods, works and services	D.1 Financial support to third parties	D.2 Studies	D.3 Synergetic elements	D.4 Works in outermost regions			D.5 Land purchases					
				A.2 Natural persons under direct contract	A.3 Seconded persons	Travel													Accommodation	
Forms of funding	Actual costs	Unit costs (usual accounting practices)	Unit costs <sup>7</sup>	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Flat-rate costs <sup>8</sup>					
	a1	a2	a3	b	c1a	c1b	c1c	c2	c3	d1a	d2	d3	d4	d5	e <sup>9</sup>	f = a+b+c+d	V, W, X	g <sup>10</sup>	h	m
1 - MoClimate	328 219.88	0.00	0.00	1 145 514.00	70 788.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1 544 521.88	50, 50, 70	772 260.94	772 260.94	772 260.94
2 - DLK	670 000.00	0.00	0.00	536 000.00	67 000.00	0.00	0.00	0.00	67 000.00	0.00	0.00	0.00	0.00	0.00	0.00	1 340 000.00	50, 50, 70	670 000.00	670 000.00	670 000.00
3 - 51Biz LUXEMBURG	320 000.00	0.00	0.00	141 280.00	21 000.00	0.00	0.00	0.00	108 000.00	0.00	0.00	0.00	0.00	0.00	0.00	590 280.00	50, 50, 70	295 140.00	295 140.00	295 140.00
4 - CIRCLE SPA	869 304.00	0.00	0.00	42 676.00	12 070.00	0.00	0.00	0.00	15 950.00	0.00	0.00	0.00	0.00	0.00	0.00	940 000.00	50, 50, 70	470 000.00	470 000.00	470 000.00
4.1 - CCEU	442 989.00	0.00	0.00	0.00	13 879.00	0.00	0.00	0.00	23 132.00	0.00	0.00	0.00	0.00	0.00	0.00	480 000.00	50, 50, 70	240 000.00	240 000.00	240 000.00
4.2 - eXyond	52 500.00	0.00	0.00	0.00	5 000.00	0.00	0.00	0.00	12 500.00	0.00	0.00	0.00	0.00	0.00	0.00	70 000.00	50, 50, 70	35 000.00	35 000.00	35 000.00
5 - BMDV	72 000.00	0.00	0.00	2 462 000.00	36 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2 570 000.00	50, 50, 70	1 285 000.00	1 285 000.00	1 285 000.00
6 - BALM	390 000.00	0.00	0.00	2 400 000.00	30 000.00	0.00	0.00	150 000.00	30 000.00	0.00	0.00	0.00	0.00	0.00	0.00	3 000 000.00	50, 50, 70	1 500 000.00	1 500 000.00	1 500 000.00
7 - FI Transport&Co	1 170 000.00	0.00	0.00	3 680 000.00	60 000.00	0.00	0.00	0.00	60 000.00	0.00	0.00	0.00	0.00	0.00	0.00	4 970 000.00	50, 50, 70	2 485 000.00	2 485 000.00	2 485 000.00
8 - SCHIG	240 000.00	0.00	0.00	480 000.00	40 000.00	0.00	0.00	40 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	800 000.00	50, 50, 70	400 000.00	400 000.00	400 000.00
8.1 - BMK	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50, 50, 70	0.00	0.00	0.00
9 - PORTEXPERTISE	560 425.00	0.00	0.00	350 000.00	31 075.00	0.00	0.00	30 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	971 500.00	50, 50, 70	485 750.00	485 750.00	485 750.00
10 - MIT	15 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15 000.00	50, 50, 70	7 500.00	7 500.00	7 500.00
10.1 - RAM SPA	355 000.00	0.00	0.00	330 000.00	25 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	710 000.00	50, 50, 70	355 000.00	355 000.00	355 000.00
11 - IMT, I. P.	1 345 000.00	0.00	0.00	130 000.00	25 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1 500 000.00	50, 50, 70	750 000.00	750 000.00	750 000.00
12 - Nordic Invest	276 000.00	0.00	0.00	5 000.00	4 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	285 000.00	50, 50, 70	142 500.00	142 500.00	142 500.00
13 - NORM	190 000.00	0.00	0.00	0.00	10 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200 000.00	50, 50, 70	100 000.00	100 000.00	100 000.00
14 - TIA	90 000.00	0.00	0.00	81 000.00	9 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	180 000.00	50, 50, 70	90 000.00	90 000.00	90 000.00
15 - Groupe IN	2 599 275.00	0.00	0.00	2 516 569.00	100 000.00	0.00	0.00	130 000.00	150 000.00	0.00	0.00	0.00	0.00	0.00	0.00	5 495 844.00	50, 50, 70	2 747 922.00	2 747 922.00	2 747 922.00
15.1 - French Ministry	50 000.00	0.00	0.00	900 000.00	50 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1 000 000.00	50, 50, 70	500 000.00	500 000.00	500 000.00
16 - KLAIPEDA PORT	375 000.00	0.00	0.00	1 050 000.00	75 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1 500 000.00	50, 50, 70	750 000.00	750 000.00	750 000.00
17 - LT MIN.TRANSP.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50, 50, 70	0.00	0.00	0.00
18 - SPW	138 158.12	0.00	0.00	0.00	2 320.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	140 478.12	50, 50, 70	70 239.06	70 239.06	70 239.06
19 - LIW	40 000.00	0.00	0.00	0.00	10 000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50 000.00	50, 50, 70	25 000.00	25 000.00	25 000.00
Σ consortium	10 588 871.00	0.00	0.00	16 250 039.00	697 132.00	0.00	0.00	350 000.00	466 582.00	0.00	0.00	0.00	0.00	0.00	0.00	28 352 624.00		14 176 312.00	14 176 312.00	14 176 312.00

<sup>1</sup> See Article 6 for the eligibility conditions. All amounts must be expressed in EUR (see Article 21 for the conversion rules).  
<sup>2</sup> The consortium remains free to decide on a different internal distribution of the EU funding (via the consortium agreement; see Article 7).

<sup>3</sup> Indirect costs already covered by an operating grant (received under any EU funding programme) are ineligible (see Article 6.3). Therefore, a beneficiary/affiliated entity that receives an operating grant during the action duration cannot declare indirect costs for the year(s)/reporting period(s) covered by the operating grant, unless they can demonstrate that the operating grant does not cover any costs of the action. This requires specific accounting tools. Please immediately contact us via the EU Funding & Tenders Portal for details.

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

<sup>5</sup> This is the theoretical amount of the EU contribution to costs, if the reimbursement rate is applied to all the budgeted costs. This theoretical amount is then capped by the 'maximum grant amount'.

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

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

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

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

<sup>10</sup>  $g = (a1 + a2 + a3) * V\% + b * V\% + (c1a + c1b + c1c + c2 + c3) * V\% + (d1a + d3 + d5) * V\% + d2 * W\% + d4 * X\% + e * V\%$

## **DATA SHEET**

### **1. General data**

Project summary:

Project summary
The project eFTI4EU will encourage Member States to join forces, face the upcoming eFTI requirements, and work jointly on common specifications and take advantage of a well harmonized European wide eFTI exchange environment according to the Regulation EU No 2020/1056 on electronic Freight Transport Information (eFTI Regulation). EFTI4EU project will support the process of implementation of the eFTI Regulation in digitalizing freight transport and logistics by contributing to the implementation of a seamless paperless information exchange between businesses and authorities and developing systems/IT platforms to be used by the competent authorities to access and process information electronically on a non-discriminatory basis and in accordance with Regulation EU 2020/1056 on electronic Freight Transport Information (eFTI). The overall objectives of the Project are fully aligned with the aim of eFTI Regulation EU No 2020/1056, namely: - to encourage the digitalization of freight transport and logistics - to reduce administrative costs, improve enforcement capabilities of competent authorities, and - to enhance the efficiency and sustainability of transport. In detail the project comprises the following: Studies: ● Provision of national and regional eFTI roadmaps ● Participation in the horizontal alignment work package to promote harmonization of eFTI development and interoperability between Member States. This also covers the specification and the common co-development of eFTI reference implementations (eFTI platform and eFTI Gate) ● Communication and dissemination, knowledge sharing activities in the MS to promote eFTI Pilots: ● Development and piloting of an eFTI gate aligned with the jointly specified and developed reference implementation, which could lead to a system that becomes operational in 2025 ● eFTI gate pilots cover the following communication paths: ○ eFTI gate to competent authorities ○ eFTI gate to eFTI platforms ○ eFTI gate to other eFTI gates ○ eFTI gate to other linked systems

Keywords:

- eFTI, interoperability, DTLF, eFTI gates, trusted networks of platforms, National Access Points/ eFTI Gate, building blocks, eFTI Network Corridors from North to South and across,

Project number: 101122891

Project name: electronic Freight Transport Information for Europe

Project acronym: 22-EU-TG-eFTI4EU

Call: CEF-T-2022-SIMOBGEN

Topic: CEF-T-2022-SIMOBGEN-eFTI-WORKS

Type of action: CEF Infrastructure Projects

Granting authority: European Climate, Infrastructure and Environment Executive Agency

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

Project starting date: fixed date: 1 April 2023

Project end date: 31 December 2026

Project duration: 45 months

Consortium agreement: Yes

### **2. Participants**

List of participants:

N°	Role	Short name	Legal name	Ctry	PIC	Total eligible costs (BEN and AE)	Max grant amount	Entry date	Exit date
1	COO	MoClimate	KLIIMAMINISTEERIUM	EE	941609750	1 544 521.88	772 260.94		
2	BEN	DLK	DIGILOGISTIKA KESKUS	EE	892290391	1 340 000.00	670 000.00		

N°	Role	Short name	Legal name	Ctry	PIC	Total eligible costs (BEN and AE)	Max grant amount	Entry date	Exit date
3	BEN	51Biz LUXEMBURG	51BIZ LUXEMBOURG SARL	LU	951890877	590 280.00	295 140.00		
4	BEN	CIRCLE SPA	CIRCLE SPA	IT	946059916	940 000.00	470 000.00		
4.1	AE	CCEU	MAGELLAN CIRCLE ITALY SRL	IT	889903609	480 000.00	240 000.00		
4.2	AE	eXyond	EXYOND SRL	IT	870584410	70 000.00	35 000.00	1/1/2026	
5	BEN	BMDV	BUNDESMINISTERIUM FUR VERKEHR	DE	996530374	2 570 000.00	1 285 000.00		
6	BEN	BALM	BUNDESAMT FUR LOGISTIK UND MOBILITAT	DE	884011344	3 000 000.00	1 500 000.00		
7	BEN	FI Transport&Co	LIKENNE- JA VIESTINTAVIRASTO	FI	900306956	4 970 000.00	2 485 000.00		
8	BEN	SCHIG	SCHIENENINFRASTRUKTUR-DIENSTLEISTUNGS-GESELLSCHAFT MBH	AT	887660387	800 000.00	400 000.00		
8.1	AE	BMK	BUNDESMINISTERIUM FUR INNOVATION, MOBILITAET UND INFRASTRUKTUR	AT	999633695	0.00	0.00		
9	BEN	PORTEXPERTISE	PORTS AND TERMINALS	BE	933959457	971 500.00	485 750.00		
10	BEN	MIT	MINISTERO DELLE INFRASTRUTTURE E DEI TRASPORTI	IT	996445790	15 000.00	7 500.00		
10.1	AE	RAM SPA	RETE AUTOSTRADIE MEDITERRANEE PER LA LOGISTICA LE INFRASTRUTTURE ED I TRASPORTI SOCIETA PER AZIONI	IT	937468917	710 000.00	355 000.00		
11	BEN	IMT, I. P.	INSTITUTO DA MOBILIDADE E DOS TRANSPORTES, I P	PT	966290430	1 500 000.00	750 000.00		
12	BEN (IO)	Nordic Invest	NORDIC INVESTMENT BANK	FI	894031056	285 000.00	142 500.00		
13	BEN	NORM	UAB NORMALIS TECH	LT	886548088	200 000.00	100 000.00		
14	BEN	TIA	TRANSPORTO INOVACIJU ASOCIACIJA	LT	885458875	180 000.00	90 000.00		
15	BEN	Groupe IN	IMPRIMERIE NATIONALE	FR	911407345	5 495 844.00	2 747 922.00		
15.1	AE	French Ministry	MINISTERE DE LA TRANSITION ECOLOGIQUE, DE LA BIODIVERSITE, DE LA FORET, DE LA MER ET DE LA PECHE	FR	996384874	1 000 000.00	500 000.00		
16	BEN	KLAIPEDA PORT	AKCINE BENDROVE KLAIPEDOS VALSTYBINIO JURU UOSTO DIREKCIJA	LT	951975364	1 500 000.00	750 000.00		
17	BEN	LT MIN.TRANSP.	LIETUVOS RESPUBLIKOS SUSISIEKIMO MINISTERIJA	LT	888880550	0.00	0.00		
18	BEN	SPW	SERVICE PUBLIC DE WALLONIE	BE	999811884	140 478.12	70 239.06		1/9/2024
19	BEN	LIW	LOGISTICS IN WALLONIA	BE	963728466	50 000.00	25 000.00		
<b>Total</b>						28 352 624.00	14 176 312.00		

#### Coordinator:

- KLIIMAMINISTEERIUM (MoClimate): from 1 April 2023 to present

### 3. Grant

#### Maximum grant amount, total estimated eligible costs and contributions and funding rate:

Total eligible costs (BEN and AE)	Funding rate (%)	Maximum grant amount (Annex 2)	Maximum grant amount (award decision)
28 352 624.00	70, 50, 50	14 176 312.00	14 176 312.00

**Grant form:** Budget-based

**Grant mode:** Action grant

**Budget categories/activity types:**

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

**Cost eligibility options:**

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

**Budget flexibility:** Yes (no flexibility cap)

**4. Reporting, payments and recoveries****4.1 Continuous reporting** (art 21)

**Deliverables:** see Funding & Tenders Portal Continuous Reporting tool

**4.2 Periodic reporting and payments**

**Reporting and payment schedule (art 21, 22):**

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

**Prefinancing payments and guarantees:**

Prefinancing payment		Prefinancing guarantee		
Type	Amount	Guarantee amount	Division per participant	
Prefinancing 1 (initial)	7 088 156.00	n/a	1 - MoClimate	n/a
			2 - DLK	n/a
			3 - 51Biz LUXEMBURG	n/a
			4 - CIRCLE SPA	n/a
			4.1 - CCEU	n/a
			4.2 - eXyond	n/a
			5 - BMDV	n/a
			6 - BALM	n/a
			7 - FI Transport&Co	n/a
			8 - SCHIG	n/a
			8.1 - BMK	n/a
			9 - PORTEXPERTISE	n/a
			10 - MIT	n/a
			10.1 - RAM SPA	n/a
			11 - IMT, I. P.	n/a
			12 - Nordic Invest	n/a
			13 - NORM	n/a
			14 - TIA	n/a
			15 - Groupe IN	n/a
			15.1 - French Ministry	n/a
			16 - KLAIPEDA PORT	n/a
			17 - LT MIN.TRANSF.	n/a
			18 - SPW	n/a
			19 - LIW	n/a

**Reporting and payment modalities (art 21, 22):**

Mutual Insurance Mechanism (MIM): No

Restrictions on distribution of initial prefinancing: The prefinancing may be distributed only if the minimum number of

beneficiaries set out in the call conditions (if any) have acceded to the Agreement and only to beneficiaries that have acceded.

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

No-profit rule: Yes

Late payment interest: ECB + 3.5%

Bank account for payments:

EE891010220034796011

Conversion into euros: Double conversion

Reporting language: Language of the Agreement

#### **4.3 Certificates** (art 24):

Certificates on the financial statements (CFS):

Conditions:

Schedule: interim/final payment, if threshold is reached

Standard threshold (beneficiary-level):

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

#### **4.4 Recoveries** (art 22)

##### **First-line liability for recoveries:**

Beneficiary termination: Beneficiary concerned

Final payment: Coordinator

After final payment: Beneficiary concerned

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

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

Joint and several liability of affiliated entities — n/a

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

##### **Suspension and termination:**

Additional suspension grounds (art 31)

Additional termination grounds (art 32)

##### **Applicable law** (art 43):

Standard applicable law regime: EU law + law of Belgium

##### **Dispute settlement forum** (art 43):

Standard dispute settlement forum:



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

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

## **6. Other**

**Specific rules (Annex 5):** Yes

**Standard time-limits after project end:**

Confidentiality (for X years after final payment): 5

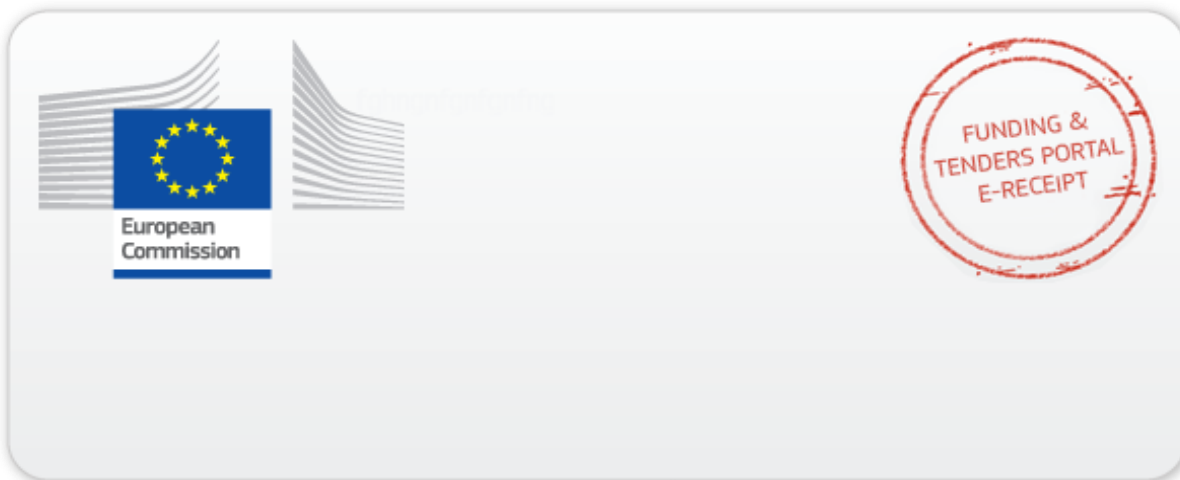
Record-keeping (for X years after final payment): 5 (or 3 for grants of not more than EUR 60 000)

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

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

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

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



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