



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 824269.

This document reflects only the views of the author(s). Neither the Innovation and Networks Executive Agency (INEA) nor the European Commission is in any way responsible for any use that may be made of the information it contains.



Project Acronym: **infra4Dfuture**

Project Title: **Infrastructure for the Future**

Project Number: **824269**

Topic: **MG-2-4-2018 – Coordinating national efforts in modernizing transport infrastructure and provide innovative mobility services**

Type of Action: **Coordination and Support Action (CSA)**

D4.4 – Generic communication and dissemination package-Nr.3

Version 1.0

Deliverable:	D4.4
Work Package:	WP4- Encouraging innovation and implementation through communication, exploitation and dissemination
Due Date:	30/11/2019 (M14)
Re-submission Date:	28/07/2020
Start Date of Project:	01/10/2018
Duration of Project:	24 Months
Organisation Responsible of Deliverable:	CERTH/HIT
Version:	1.0
Status:	Final
Author name(s):	Evangelia Gaitanidou (CERTH/HIT)
Reviewer(s):	Mary Panou (CERTH/HIT) Maria Boile (CERTH/HIT) Peter Wilbers (RWS)
Nature:	<input checked="" type="checkbox"/> R – Report <input type="checkbox"/> P – Prototype <input type="checkbox"/> D – Demonstrator <input type="checkbox"/> O - Other
Dissemination level:	<input checked="" type="checkbox"/> PU - Public <input type="checkbox"/> CO - Confidential, only for members of the consortium (including the Commission) <input type="checkbox"/> RE - Restricted to a group specified by the consortium (including the Commission Services)

Contents

Contents	3
List of Figures	4
List of Abbreviations.....	5
1 General Overview	6
2 Executive summary	7
2.1 Purpose of the document	7
3 Internal and External Communication tools	8
3.1 Generic Deliverable template	8
3.2 GDPR consent form and participant list	9
3.3 Save the date template.....	9
3.4 Badges.....	9
3.5 Posters.....	10
3.5.1 Generic Poster.....	10
3.5.2 Poster presenting Capabilities and IFAs	12
3.6 Roll-ups.....	13
3.6.1 Generic Roll-up.....	14
3.6.2 Roll-up presenting capabilities and IFAs	16
3.7 Fact Sheet on Capabilities and IFAs	18
4 Updates in Online Communication tools	19
4.1 Updates in infra4Dfuture Website.....	19
4.1.1 News	19
4.1.2 Downloads.....	20
5 Updates in infra4Dfuture Social Media.....	21
5.1 Updates in infra4Dfuture Twitter.....	21
5.2 Updates in infra4Dfuture LinkedIn	22
6 Conclusions	23
ANNEXES	24
ANNEX I: Generic Deliverable Template	25
ANNEX II: GDPR Consent Form and Participant List.....	32
ANNEX III: Save the Date Template.....	36
ANNEX IV: i4Df Badges template	39
ANNEX V: Fact sheet on Capabilities and IFAs	41

List of Figures

Figure 1 i4Df badge template	10
Figure 2 Generic poster of infra4Dfuture project	11
Figure 3 infra4Dfuture poster presenting capabilities and IFAs	13
Figure 4 Generic Roll-up of Infra4Dfuture project	15
Figure 6 infra4Dfuture roll-up banner presenting capabilities and IFAs	17
Figure 6 Screenshot of infra4Dfuture website News page.....	19
Figure 7 Screenshot of infra4Dfuture website downloads page.....	20
Figure 8 Screenshot of infra4Dfuture Twitter account	21
Figure 9 Screenshot of infra4Dfuture LinkedIn group.....	22

List of Abbreviations

Abbreviation	Definition
H2020	Horizon 2020 EU Research and Innovation Program
NTIA	National Transport Infrastructure Authorities
TEN-T	Trans-European Transport Network
ISPIII	Infra4Dfuture Stakeholder Platform for Infrastructure Innovation and Implementation
TRA	Transport Research Arena
CEF	Connecting Europe Facility
IFA	Innovation focus areas

1 General Overview

infra4Dfuture (i4Df) is a 24-month project under the H2020 topic of MG-2-4-2018-“infrastructure Innovation for the Future”.

i4Df will develop a demand-driven overarching strategy and coordination mechanism for the modernization of transport infrastructure including a shared strategic vision on future infrastructure capabilities and common pathways for innovation development and implementation.

Facing a variety of emerging challenges, such as climate change, resilience, ageing infrastructure, maintenance, digitalisation, automation, energy and electrification, the National Transport Infrastructure Authorities (NTIA) have urgent requirements for infrastructure innovation. In view of the long cycle times in infrastructure management and the rapid mounting pressure from these challenges, there is a need for fast delivery of ready-to-implement, cost-effective innovative solutions matching the requirements of the NTIA that jointly build the TEN-T network.

The i4Df consortium encompasses 20 partners from 17 countries, 19 of them being NTIA, joining forces to develop:

- a strategic coordination mechanism aiming to deliver a concerted cooperation and collaboration across a portfolio of relevant European and national innovation programmes and initiatives;
- a shared strategic vision on future infrastructure capabilities, each capability encompassing a series of focus areas for innovation.

i4Df is based on a sound and coherent consultation and dialogue process with relevant stakeholders. This process will be structured in a sequence of strategic, decision-making conferences and a supporting, tactical sequence of expert workshops and regional events. These will culminate in the founding of the i4Df Stakeholder Platform for Infrastructure Innovation and Implementation (ISPIII) at the TRA 2020. ISPIII will ensure a continuance of the coordination mechanism and shared vision beyond the duration of the action. Follow-up ISPIII events will take place at the consecutive biannual TRA conferences.

2 Executive summary

D4.4 (the Generic Communication and Dissemination package Nr. 3) has been developed following the i4Df Dissemination Strategy and the Generic Communication and Dissemination packages Nr. 1 and Nr. 2 (Deliverables 4.2 and 4.3 respectively) and reflects the third version of the general communication and dissemination package of the i4Df project. It has been developed by the Hellenic Institute of Transport of the Centre for Research and Technology Hellas (CERTH/HIT).

Within the framework of infra4Dfuture project, various tools have been created with the aim to disseminate the project and its outcomes to the relevant stakeholders, the research community as well as to the general public. In order to serve this purpose, those tools and materials are improved and updated following the progress of the project.

This deliverable collects the updated communication and dissemination materials that have been created and used since the previous version of this document (Generic Communication and Dissemination package Nr. 2). This package includes a number of new templates, forms and other materials, such as, for example, badges, posters and roll-up banners, fact sheet and GDPR consent form with the event participant list, etc.

2.1 Purpose of the document

The communication and dissemination tools are the basic mean to shape the image of i4Df initiative, to share and promote the project and its activities to wider audiences. This deliverable outlines the new and updated tools and materials, following the first two generic communication and dissemination packages. It includes the new templates and generic content aimed to be used for internal and external communication, as well as the updated materials uploaded in the online platforms (i4Df official website and Social Media project pages in twitter and LinkedIn).

The first package of communication and dissemination tools has been presented within D4.2 (Generic Communication and Dissemination package-Nr.1), including the official templates of the power point presentation, the newsletter, the communication document, as well as the i4Df leaflet and the Social Media pages of the project. The second package of communication and dissemination tools has been presented in the context of D4.3 (Generic Communication and Dissemination package-Nr.2), including the first 2 newsletters of the project, the leaflet, the website, etc.

This report aims to introduce the newly developed communication and dissemination tools and materials that are implemented in respective events and activities in order to reach out to wider audience.

This deliverable refers to Task 4.1.

3 Internal and External Communication tools

3.1 Generic Deliverable template

Deliverables reflect the progress of the project activities and tasks, also reporting the respective results and findings. It is important for all partners to follow a specific template, format and style of preparing them, in order to facilitate their creation and editing in a compatible format, also creating common ground to make relevant references to and from each of them within i4Df project.

The deliverable template consists of 6 pages, including some generic information, as well as fields that should be filled in for each deliverable separately and individually.

The title page of the deliverable template includes the official logo of i4Df, together with some basic information such as:

- Project Acronym
- Project Title
- Project Number
- Topic
- Type for Action

The title of the deliverable is included in the middle of the page, together with the version number. The template provides an annotation table that describes all the requested fonts, sizes, spaces and other important information. All this information provides guidance on how to write and edit the deliverable, so it should be removed once the deliverable is ready for submission.

The second page includes a table with details regarding the deliverable, work package, project and authors / contributors' ID that should be filled in for each deliverable. Those are:

- Deliverable name
- Work Package
- Due Date
- Submission Date
- Start Date of Project
- Duration of Project
- Organization Responsible of Deliverable
- Version
- Status
- Author Name(s)
- Reviewer(s)
- Nature
- Dissemination level

The third page is devoted to the content template, while the following pages include the title and body text templates.

The Deliverable template has been disseminated among all the partners of i4Df project.

The template is available in ANNEX I: Generic Deliverable Template.

3.2 GDPR consent form and participant list

Within the framework of the project, a generic GDPR consent form has been developed, with the aim to follow the mandatory GDPR regulations in each event, workshop and other relevant activity that takes place within i4Df project. This consent form includes the information regarding the GDPR regulations for production and publication of photographs, followed by the list of the participants of the event, their names, organizations and signatures. The form also includes general information about the event such as the name, date and venue.

The form is available in ANNEX II: GDPR Consent Form and Participant List.

3.3 Save the date template

A generic save the date form has been created within the framework of i4Df project, available for use in all project events. This 2 page template form originates from the save the date document that was created by LSR in order to be used in the i4Df Regional Events. It includes fill-in fields of the title of the announced event, the date and location, as well as the hosting organization. The template then provides the participants of the event with all the necessary information, such as:

- i4Df initiative
- i4Df ambition
- i4Df content
- i4Df staged stakeholder involvement
- Aim and setup of i4Df event
- Venue of i4Df event

The first 4 areas, as stated above, constitute “ready for use” default texts, while the last two areas should be filled in according to each event.

This template is available in ANNEX III: Save the Date Template.

3.4 Badges

Within the framework of the project, a template for badges was created by CERTH/HIT professional graphic designer for using by all participants in i4Df meetings/events/conferences. As depicted in Figure 1, the i4Df badge template includes the logo of the project, the name of the event as well as general information regarding the event, such as date and place. A light blue frame is placed on the top of the badge, while the bottom area includes 2 lines, to complete the design (see Figure 1).

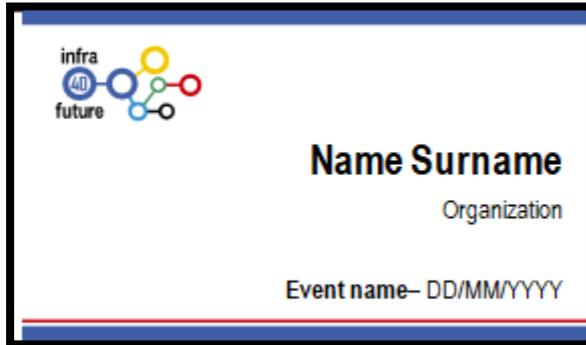


Figure 1 i4Df badge template

In order to be easy and accessible for use, the graphic designer of CERTH/HIT has exported the badges template to a PowerPoint format, with editable fields, so that the template can be filled in according to the needs of the event. The template of the badges can be found in ANNEX IV: i4Df Badges template.

3.5 Posters

Two posters were developed within the framework of i4Df project by CERTH/HIT graphic designer in November 2019. Each one of the i4Df posters has size dimensions of 70X100cm. One of the posters is the Generic i4Df poster that reflects generic information about the project and carries an informative role. The second poster presents the capabilities and IFAs, which presents an in depth information regarding the joint vision on transport infrastructure innovation until 2040.

3.5.1 Generic Poster

The Generic Poster of i4Df project has the basic colour combinations used within the project and reflects general information about the i4Df initiative. The poster includes the official logo of i4Df project together with the strapline in the top area, the road network image in the middle part of the poster, followed by the logos of all the i4Df project consortium members. The essential information regarding the funding of the project under EU Horizon 2020 Research and Innovation Program, the Grant Agreement number and the flag of the EU are placed in the lowest part of the poster, with the information regarding the official website and social media channels of i4Df project right next to them (see Figure 2).



Figure 2 Generic poster of infra4Dfuture project

Two generic posters have been printed for i4Df Southern Outreach Event that took place on the 5th and 6th of November 2019 in Thessaloniki, Greece at the premises of CERTH/HIT. During both days of the event, the posters were placed in visible areas inside and outside the conference room of CERTH/HIT.

3.5.2 *Poster presenting Capabilities and IFAs*

The second version of the i4Df poster that presents the Capabilities and IFAs were designed by the graphic designer of CERTH/HIT in November 2019. The poster is presented in Figure 3. The poster includes separate elements of the logo in the design and follows the familiar colour combination. The upper area of the poster includes the official logo of i4Df project, together with the strapline. In the middle area, the poster depicts the Innovation Focus Areas (IFAs) and the brief description of each of the 3 Capabilities that are:

- Capability 1: Infrastructure optimally meeting end user needs
- Capability 2: Infrastructure meeting environmental and social sustainability needs
- Capability 3: Infrastructure achieving added value from digitalization

Each of these capabilities includes key innovation focus areas. For Capability 1 those are:

- Network performance
- Integrated infrastructure network management
- Responsible and innovative procurement and finance

The Capability 2 includes the following IFAs:

- Decarbonisation of infrastructure management
- Preserving the environment
- Integrating multi-layer networks and nodes

Finally, the IFAs of Capability 3 depicted in the poster are:

- Smart data and information ecosystem for accommodating automated and connected transport
- Information provision for processes optimisation in infrastructure management

The logos of all the Consortium members are placed right afterwards, followed by the essential information regarding the funding of the project under EU Horizon 2020 Research and Innovation program, the Grant Agreement number, the flag of the EU. The poster also includes the official website address of i4Df project, as well as the electronic addresses of the Social Media pages of the project.



Figure 3 infra4Dfuture poster presenting capabilities and IFAs

3.6 Roll-ups

Within the framework of the project, two Roll-up banners were designed by the Graphic Designer of CERTH/HIT. The Roll-up banners are considered to be a popular type of display

stands and have the advantage of being retractable-by rolling into a compact transportable form and easy to assemble. Following the same logic of the two posters, two roll up banners were designed in November 2019, one of those reflecting generic information and the other one depicting in-detail information regarding the capabilities and IFAs. Both posters have size dimensions of 85X200cm.

3.6.1 Generic Roll-up

The generic roll-up banner reflects the same information depicted in the generic poster, with the project logo with strapline used for the roll-up, unlike the poster which has the logo without strapline. The colour combinations used for the visual materials of the project are implemented, with the road network image placed in the middle area of the roll-up. The essential information regarding the project funding, the grand agreement number, the flag of the EU, as well as information regarding the official website of i4Df project, as well as the social media channels is placed in the lower part of the roll-up (see Figure 4).

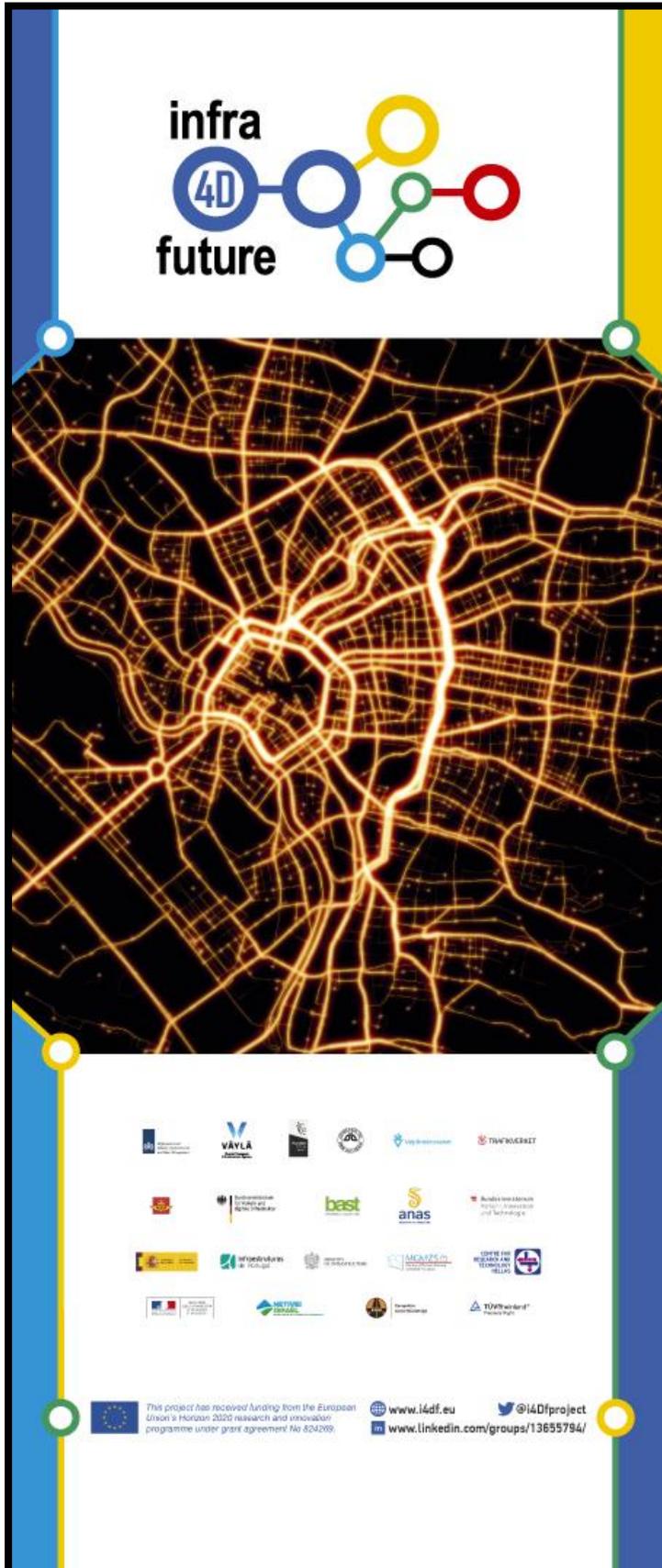


Figure 4 Generic Roll-up of Infra4Dfuture project

The generic roll-up banner was printed and presented during both days of the Southern Outreach Event on 5th and 6th of November 2019 that took place in Thessaloniki, Greece, at the headquarters of CERTH/HIT.

3.6.2 Roll-up presenting capabilities and IFAs

The second version of the roll-up banner, that is presenting the Capabilities and IFAs, was created by CERTH/HIT in November 2019. It includes the same information as the second poster, with the necessary modifications made to suit the dimensions of the banner. The only difference lies in the logo version, which in this case includes the logo without the strapline. The second version of i4Df project's roll-up banner is depicted within Figure 5.



Figure 5 infra4Dfuture roll-up banner presenting capabilities and IFAs

3.7 Fact Sheet on Capabilities and IFAs

Within the framework of the recent Southern Outreach Event that took place on the 5th and 6th November in Thessaloniki, Greece, in the premises of CERTH/HIT, a 4 page fact sheet on Capabilities and Innovation Focus Areas (IFAs) towards a sustainable Coordination Mechanism has been created.

This fact sheet aims to provide information to the Southern Outreach Event participants about the infrastructure Capabilities along with the Innovation Focus Areas, based on the joint vision on transport infrastructure innovation until 2040.

The fact sheet includes 4 highlighted tables. The first table, entitled “Innovation Focus Areas for infrastructure innovation and implementation” includes information following the 3 project Capabilities:

1. Infrastructure optimally meeting the end user needs
2. Infrastructure meeting environmental and social sustainability needs
3. Infrastructure achieving added value from digitalization

For each of those capabilities, a short description is presented, with the respective IFAs outlined in the first table.

For Capability 1 the following IFAs are presented:

- Network Performance
- Integrated Infrastructure network management
- Responsible and innovative procurement and finance

For Capability 2 the following IFAs are presented:

- Decarbonisation of infrastructure management
- Preserving the environment
- Integrating multi-layer networks and nodes

For Capability 3 the following IFAs are presented:

- Smart data and information ecosystem for accommodating automated and connected transport
- Information provision for process optimisation in infrastructure management

The following 3 tables discuss in detail each of the Capabilities, providing detailed information for the guiding objectives for 2040.

The 4 pages fact sheet on the Capabilities and IFAs is available in ANNEX V: Fact sheet on Capabilities and IFAs.

4 Updates in Online Communication tools

4.1 Updates in infra4Dfuture Website

Since May 2019, no structural changes have been made in the official website of i4Df project. The website however is being updated on a regular basis regarding the events, activities and new material created within the framework of i4Df project. Specifically, two tags of the website, the “News” and the “Downloads” are updated continuously, following closely the progress of the project activities and tasks.

4.1.1 News

The “News” page of the website can be accessed through the following link: <http://www.i4df.eu/index.php/news>

This section of the website is being updated upon availability of any public information about activities taking place within the framework of i4Df project. All the partners are expected to send updated reports on news, activities and events regarding the project to the representatives of CERTH/HIT (i4Df project dissemination manager), who manage the website of i4Df project, in order to upload the provided information in a timely manner and share it with the potential audience. Figure 6 depicts a screenshot of the “News” section in the i4Df project official website.



Figure 6 Screenshot of infra4Dfuture website News page

4.1.2 Downloads

The “Downloads” page of the website can be reached through the following link: <http://www.i4df.eu/index.php/downloads>

This section of the website is being strategically updated with material aimed at public dissemination, such as the public deliverables, for example (see Figure 7).

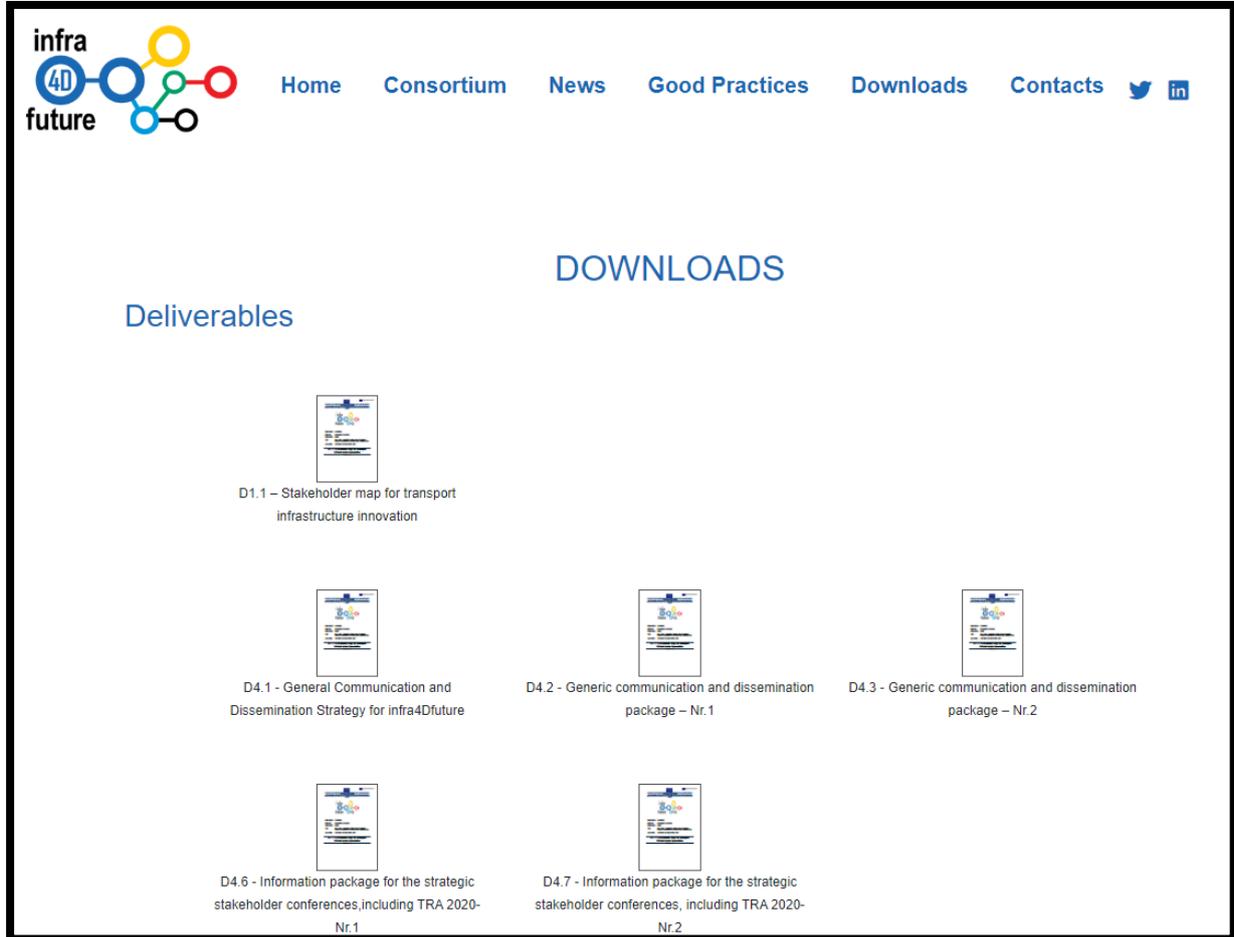


Figure 7 Screenshot of infra4Dfuture website downloads page

5 Updates in infra4Dfuture Social Media

The dissemination of i4Df project through social media platforms is thoroughly discussed within the D4.1 (General Communication and Dissemination strategy for i4Df), towards the vision of efficiently disseminating the activities within i4Df project. The Social media platforms, considered highly effective means to reach larger audiences, allow and provide sharing of activities within i4Df project, maximizing its potential exploitation and accomplishing the dissemination and communication targets. The two social media channels of i4Df, the Twitter account and the LinkedIn group, are updated at a regular basis with all the relevant updated information regarding the events and activities taking place within the framework of the project. These pages are managed and enriched by CERTH/HIT, according to the relevant information provided by the project partners. A detailed report on analytics and statistics of the Social Media pages of the project has been included in D4.11 (Mid-term report on Communication and Dissemination Activities). The following two sub-chapters (Updates in Twitter and LinkedIn) reflect on the social media channels of i4Df.

5.1 Updates in infra4Dfuture Twitter

The twitter account of i4Df project can be accessed through the following link: <https://twitter.com/i4Dfproject>

A screenshot of the twitter account of i4Df project is presented in Figure 8. As of 19th of November 2019 the account had 23 followers and a total of 22 tweets.



Figure 8 Screenshot of infra4Dfuture Twitter account

5.2 Updates in infra4Dfuture LinkedIn

The LinkedIn group of i4Df is available through the following link: <https://www.linkedin.com/groups/13655794/>

The screenshot of i4Df LinkedIn group is depicted in Figure 9.

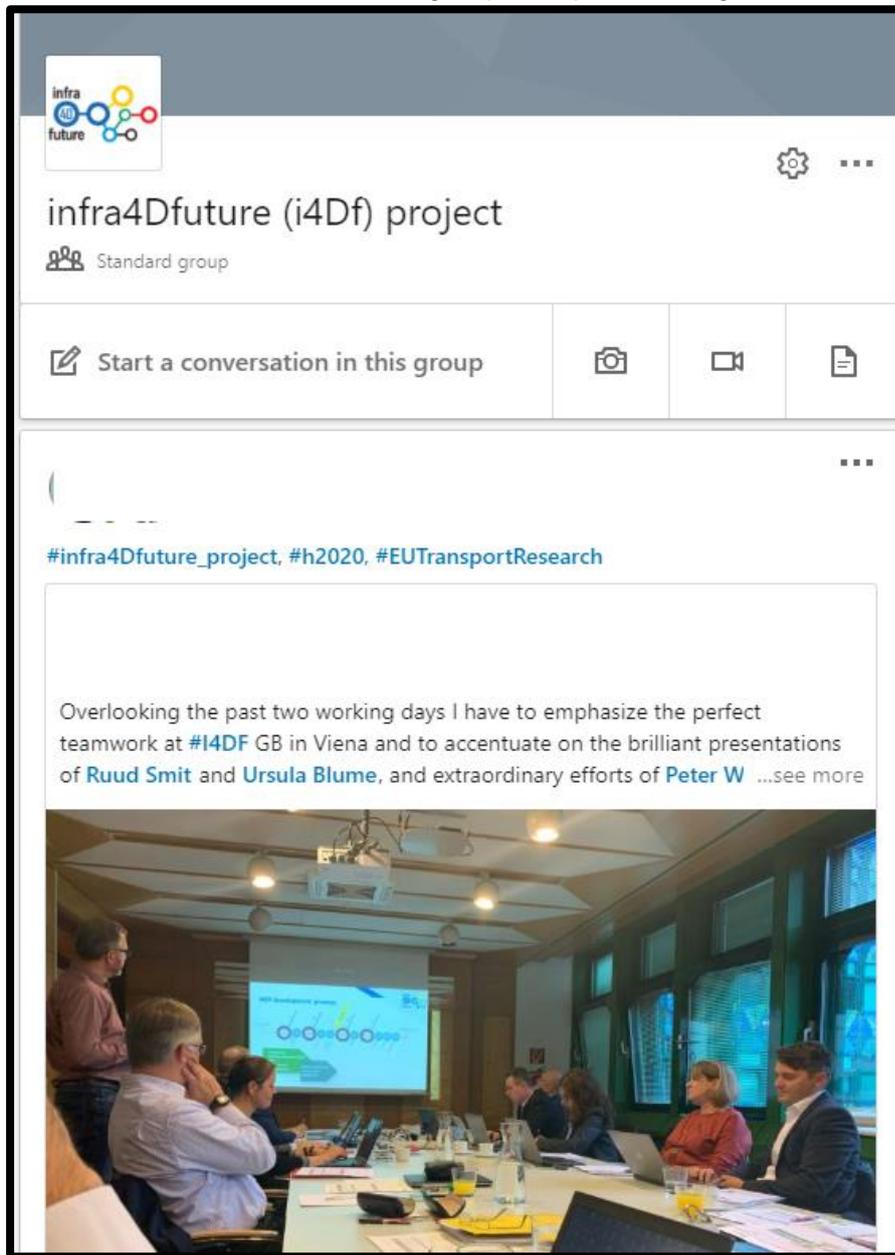


Figure 9 Screenshot of infra4Dfuture LinkedIn group

As of 19th of November 2019, the LinkedIn group had 74 members and 21 posts (updates).

6 Conclusions

The Deliverable 4.4 “Generic Communication and Dissemination package – Nr.3” produced within Work Package 4 “Encouraging innovation and implementation through communication, exploitation and dissemination”, presents the third version of the tools (e.g. social media accounts) and material (e.g. posters, brochures, banners etc.) produced for communication, dissemination and outreach activities.

This package consists of a number of tools that are available for intra and extra consortium partners, aimed at spreading the project and its activities to the broader research and business community, academia and the general public. The third package describes the new tools and materials that have been created within the framework of i4Df project, as well as any updates that have taken place after the previous relevant report (D4.3. Generic Communication and Dissemination package - Nr. 2).

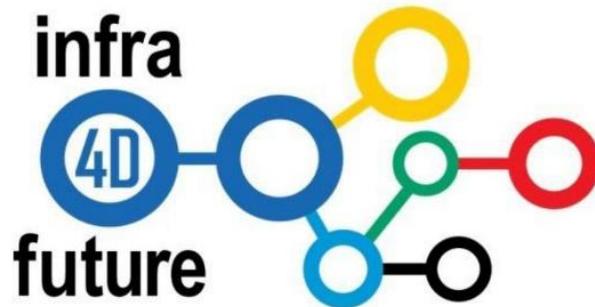
This third package, together with the first two packages of the Dissemination and Communication material, forms a diverse group of means to reach out to the relevant audience (target communities and populations) and provides an efficient elaboration on i4Df project activities. All the tools and materials created and developed for i4Df project and described in Generic Communication and Dissemination reports are aimed to be used in all the events, workshops and other activities within the framework of i4Df project.

ANNEX I: Generic Deliverable Template



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 824269.

This document reflects only the views of the author(s). Neither the Innovation and Networks Executive Agency (INEA) nor the European Commission is in any way responsible for any use that may be made of the information it contains.



Project Acronym: **infra4Dfuture**

Project Title: **Infrastructure for the Future**

Project Number: **824269**

Topic: **MG-2-4-2018 – Coordinating national efforts in modernizing transport infrastructure and provide innovative mobility services**

Type of Action: **Coordination and Support Action (CSA)**

DX.X – xxxxxxxxxxxx

Version **x.x**

Annotation:

Please fill in or change the grey fields accordingly.

Table in page 2 is optional.

Font: Arial

Font size: follow the ones used in the template. For titles, 14; subtitles, 12 and main text, 11 pt.

Space between lines: For titles, before 12 and after 10 pt. and for text – before 0 and after 10 pt.

Line spacing: 1,15

Please, erase this box when the document is ready.

Deliverable:	Dx.x XXXXXXXXXXXXX
Work Package:	WPx: XXXXXXXXXXXXX
Due Date:	Mx
Submission Date:	DD/MM/20YY
Start Date of Project:	01/10/2018
Duration of Project:	24 Months
Organisation Responsible of Deliverable:	XXXXXX (XXX)
Version:	1.0
Status:	Final
Author name(s):	XXXX XXXXX (XXX) XXXX XXXXX (XXX)
Reviewer(s):	
Nature:	<input checked="" type="checkbox"/> R – Report <input type="checkbox"/> P – Prototype <input type="checkbox"/> D – Demonstrator <input type="checkbox"/> O - Other
Dissemination level:	<input checked="" type="checkbox"/> PU - Public <input type="checkbox"/> CO - Confidential, only for members of the consortium (including the Commission) <input type="checkbox"/> RE - Restricted to a group specified by the consortium (including the Commission Services)

Contents

1	Executive summary	4
2	Introduction	5
2.1	Purpose of the document.....	5
2.1.1	Xxxx xxxx xxxxx	5
3	Xxxx xxxxx	6

1 Executive summary

XXXXXXXXXXXXXXXX

XXXXXXX XXXX XXXX

2 Introduction

2.1 Purpose of the document

2.1.1 XXXX XXXX XXXXX

XXXX XXXXX XXXX

XXXX XXXX XXXXX

3 Xxxx xxxxx

ANNEX II: GDPR Consent Form and Participant List

Consent of the event participant to the production and publication of photographs and disclosure of personal data within the meaning of Art. 6 para. 1 lit. a) General Data Protection Regulation (GDPR)

Photographs will be taken during the **[name of event]** of infra4Dfuture on **[dates of event]** at **[place of event]**. Photographs in which persons are clearly identifiable or identifiable are personal data. Additionally, names, affiliations and contact details might be disclosed to other participants of the event. None of the personal information (name and contact details) will be disclosed to third parties not involved in the event or project.

By signing the enclosed list on display, the participant agrees that he/she may be photographed and names, affiliations and contact details might be disclosed only to other participants of the event.

He/she consents to the digital processing of the photographs, which in no case is carried out in a distorting or unfair manner. Furthermore, he/she consents to the publication of the recordings on the Intranet/Internet pages (e.g. i4df.eu, accessible to anyone worldwide at any time), information documents and press releases related to the project. There is no financial compensation in favour of him/her, i.e. the rights are granted free of charge. Participants list will not be disclosed on websites.

This consent is voluntary. If it is not granted, there will be no disadvantages.

[name of organization], as the operator of the above-mentioned website, shall not be liable for third parties using the content of the above-mentioned website for other purposes without **[name of organization]** knowledge and thus without permission, in particular by downloading and/or copying photos.

[name of organization] warrants that no rights to the photos created and personal data collected during registration will be sold, assigned, etc. to third parties without the consent of the undersigned. The storage period shall be as long as necessary.

You are entitled at any time to request **[name of organization]** to provide you with comprehensive information on the personal data stored about you.

You have the right to file a complaint with a supervisory authority if you are of the opinion that the processing of your personal data is unlawful.

This consent can be revoked by the initiator at any time with effect for the future. In the event of revocation, the recordings will be removed from the respective platform. If the recordings were available on the Internet, they will be removed insofar as they are subject to the availability of the initiator. No deletions are initiated in search engine caches (e.g. "Google cache"). As far as printed works are concerned, the consent can only be revoked until the printing order has been issued.

The revocation must be sent to:

[name and address of organization]

Further details of the rights and obligations associated with the introduction of the GDPR can be found in gdpr.eu.

If you do not wish to be photographed, please place one of the [colour] stickers on your identification badge or clearly visible on your collar. We will not make any pictures of you or we will make you unrecognizable in pictures.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 824269.

This document reflects only the views of the author(s). Neither the Innovation and Networks Executive Agency (INEA) nor the European Commission is in any way responsible for any use that may be made of the information it contains.

ANNEX III: Save the Date Template

Save the date announcement

infra4Dfuture [name of the event] [Day Month Year]

[City - location], [Country]

-hosted by [Organization name / affiliation]

i4Df initiative

The i4Df initiative is a collaboration of nineteen national transport infrastructure authorities and their representatives from seventeen countries in Europe, Turkey and Israel. The i4Df initiative is financed by the European Commission and has a 2-year duration from 1 October 2018 to 30 September 2020.

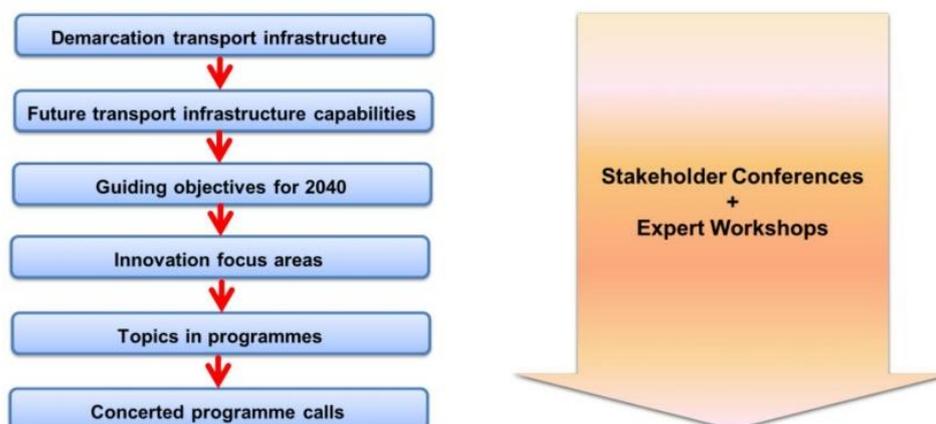
i4Df addresses transport infrastructure innovation needs that emerge from investment and societal challenges. Its approach is multimodal and its outlook covers the period until 2040.

i4Df ambition

i4Df aims to develop an overarching strategy and coordination mechanism for future demand-driven multimodal infrastructure innovation and implementation that will allow national transport infrastructure authorities to better and more efficiently coordinate their efforts in modernizing the transport infrastructure network.

i4Df content

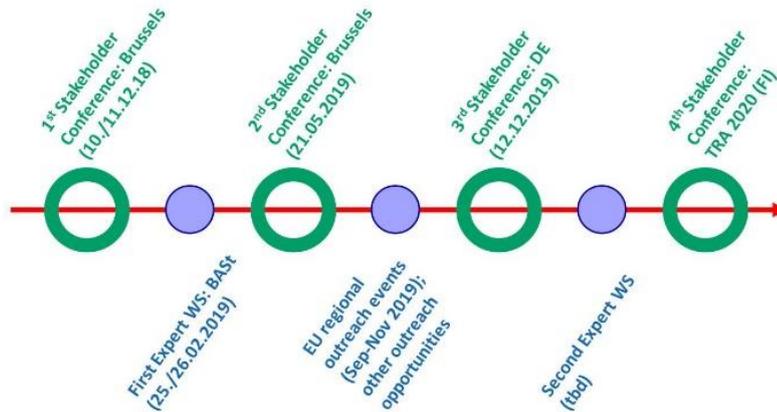
i4Df applies a staged content development by following a sequence of consecutive steps starting from identifying the needed future transport infrastructure capabilities, leading to the development of guiding objectives for 2040 and subsequently distilling the so-called Innovation Focus Areas (IFAs). The annex 'Transport infrastructure capabilities for 2040' provides a detailed overview of three identified infrastructure capabilities and 14 derived IFAs. The IFAs will define the priority topics in (future) programmes and possibly culminate in concerted programme calls:



i4Df staged stakeholder involvement

The i4Df initiative involves all important and relevant stakeholders including public issue owners and innovation programme owners on the demand side and industrial lead suppliers and research providers on the supply side.

i4Df will develop content through a sequence of consecutive conferences, expert workshops and regional outreach events involving all relevant stakeholder groups:



Aim and set-up of the i4Df [name of the event]

Text on the aim, scope and the set-up of the event, the participants (authorities, organizations, institutes, universities and academia, companies etc.) and their representatives from different countries and regions (geographical coverage), while also focusing on the agenda topics to be presented and / or discussed.

Venue of the i4Df [name of the event]

Insert map directions from Google maps, indicating the point of destination / meeting

Place:

[Full postal address including P.O Box],

[city / region name], [country name]

ANNEX IV: i4Df Badges template



Name Surname

Organization

Event- dd/mm/yyyy

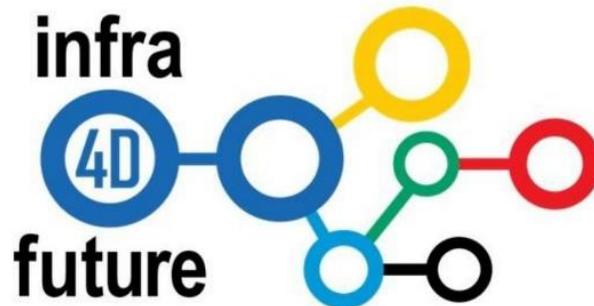


ANNEX V: Fact sheet on Capabilities and IFAs



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 824269.

This document reflects only the views of the author(s). Neither the Innovation and Networks Executive Agency (INEA) nor the European Commission is in any way responsible for any use that may be made of the information it contains.



A joint vision on transport infrastructure innovation until 2040

**Capabilities and Innovation Focus Areas
towards a sustainable Coordination Mechanism**

INNOVATION FOCUS AREAS FOR INFRASTRUCTURE INNOVATION AND IMPLEMENTATION

Capability 1: Infrastructure optimally meeting end user needs

The ability to provide optimal transport infrastructure network capacity in order to accommodate increasing transport needs, and balancing cost, performance, safety and risk to provide infrastructure as a high quality service to end users.

Innovation Focus Area: **Network performance**

Innovation Focus Area: **Integrated infrastructure network management**

Innovation Focus Area: **Responsible and innovative procurement and finance**

Capability 2: Infrastructure meeting environmental and social sustainability needs

The ability to embed transport infrastructure networks in their immediate surroundings, optimally balancing interests from economy, society, and environment.

Innovation Focus Area: **Decarbonisation of infrastructure management**

Innovation Focus Area: **Preserving the environment**

Innovation Focus Area: **Integrating multi-layer networks and nodes**

Capability 3: Infrastructure achieving added value from digitalisation

The ability to harvest the benefits from digitalisation in internal processes of transport infrastructure management (e.g. planning, design, construction, operation, end-of-life) as well as in the relation between transport infrastructure management and its end user (smart mobility and logistical services, individual end users). Use digitalisation to support the achievement of sustainability targets and provide a better service to infrastructure end users.

Innovation Focus Area: **Smart data and information ecosystem for accommodating automated and connected transport**

Innovation Focus Area: **Information provision for process optimisation in infrastructure management**

GUIDING OBJECTIVES FOR 2040

C1: INFRASTRUCTURE OPTIMALLY MEETING END USER NEEDS

- Full accommodation of the anticipated development in transport demand across the network, achieving effective alignment between the surface infrastructure networks through *interoperability* and *synchromodality*.
- Effective management of resources and assets, and high availability throughout the *whole infrastructure lifecycle*, from planning and design to end of life.
- Effective, adaptive integration and rapid implementation of innovations across the delivery process chain.
- Significant *reduction of Total Cost of Ownership (TCO)*, e.g. reduction by 30% for infrastructure managers.
- *Zero fatalities* and severe injuries of infrastructure workers and end users through *Vision Zero*.
- *Resilience* to natural and man-made hazards, including adaptation to *climate change*.
- An *affordable* high capacity infrastructure that supports end users' service combinations of mobility and logistics.
- Comprehensive and consistent *framework of performance indicators* for the management of the integrated, multi-modal network, available by 2030.

C2: INFRASTRUCTURE MEETING ENVIRONMENTAL AND SOCIAL SUSTAINABILITY NEEDS

Compliance with COP21 and Agenda 2030/UN targets for sustainable development in the context of European objectives and targets.

- Minimise carbon footprint of the whole service-life of infrastructure, including the infrastructure delivery process chain. This includes achieving energy neutrality of the infrastructure management operations (e.g. lighting, signalling, data collection, information provision, lifting and ventilation) up to larger network scales.
- Facilitate the transition in the energy pool of the transport modes and supporting measures to improve energy-efficiency of mobility services (passengers, freight).
- Collaborate on the minimisation of the impact on the environment, in particular concerning the impact of noise, vibration and pollutant emissions. This concerns the share of the impact that is contributable to infrastructure management.
- Collaborate on the optimal net benefit from embedding infrastructure in the spatial setting. This concerns the 'how' in infrastructure governance, balancing benefits for the economy, society and environment in the planning and approval stage.

C3: INFRASTRUCTURE ACHIEVING ADDED VALUE FROM DIGITALISATION

- Facilitate the transition towards smart mobility concepts (freight and passenger) for emerging concepts for automated mobility, e.g. Connected Cooperative and Automated Mobility (CCAM) for road and Automatic Train Operation (ATO) for rail.
- Proactive position of the infrastructure manager within the infrastructure related data-driven ecosystem, including clearly defined data flows between multimodal, national and sectoral stakeholders and a clear business model and case for investment in and maintenance of digital and virtual infrastructure.
- Ability to process internal and external raw data into smart data that can optimize infrastructure management processes, including maintenance and construction of infrastructure. Provide seamless data and information use and provision across the transport infrastructure network and logistics chain to the end user.
- Facilitation of the alignment of TEN-T core network with data and energy networks to benefit from multi-purpose digitalised networks that can cater for future digital needs, e.g. Internet of Things (IoT) and smart grid based electric mobility.
- Increase the use of automated, semi-automated and remote-piloted solutions for infrastructure maintenance and construction to improve safety for workers and reduce costs.