

GIS-Based Infrastructure Management System for Optimized Response to Extreme Events of Terrestrial Transport Networks



Dissemination and Communication Plan (DCP) V1 (D10.1)

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PUBLIC



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SAFEWAY

GIS-BASED INFRASTRUCTURE MANAGEMENT SYSTEM FOR OPTIMIZED RESPONSE TO EXTREME EVENTS OF TERRESTRIAL TRANSPORT NETWORKS

Grant Agreement No. 769255

Dissemination and Communication Plan (DCP) V1

WP 10	Exploitation, Dissemination and
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PUBLIC

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SAFEWAY Project Synopsis



According to European TEN-T guidelines, due consideration must be given to the risk assessments and adaptation measures during infrastructure planning, in order to improve resilience to disasters. SAFEWAY's aim is to design, validate and implement holistic methods, strategies, tools and technical interventions to significantly increase the resilience of inland transport infrastructure. SAFEWAY leads to significantly improved resilience of transport infrastructures, developing a holistic toolset with transversal application to anticipate and mitigate the effects extreme events at all modes of disaster cycle:

- 1. "**Preparation**": substantial improvement of risk prediction, monitoring and decision tools contributing to anticipate, prevent and prepare critical assets for the damage impacts;
- "Response and Recovery": the incorporation of SAFEWAY IT solutions into emergency plans, and real-time optimal communication with operators and end users (via crowdsourcing and social media);
- 3. **"Mitigation":** improving precision in the adoption of mitigation actions (by impact analysis of different scenarios) together with new construction systems and materials, contributing to the resistance & absorption of the damage impact.

SAFEWAY consortium has 15 partners that cover multidisciplinary and multi-sectorial business fields associated with resilience of transport infrastructure in Europe: national transport infrastructure managers & operators, a main global infrastructure operator, partners able to provide various data sources with large coverage in real time, comprehensive ITC solutions, and leading experts in resilience, risk databases, remote sensing-based inspection, and decision systems based on predictive modelling.

SAFEWAY will carry-out 4 real case studies distributed through 4 countries, linked to 5 corridors of the TEN-T Core Network. SAFEWAY has as main expected impacts:

- 1. at least 20% improvement in mobility; and
- 2. at least 20% lower cost of infrastructure maintenance.

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Executive Summary

This Deliverable report (D10.1), describes the first version of the Dissemination and Communication Plan (DCP) for the SAFEWAY project. This first version will be further developed during the project, as part of WP10 "Exploitation, Dissemination and Communication". The main objective of the DCP is to ensure the project impact is achieved and to maximise the opportunities for the exploitation of the outcomes across the value chain. The DCP will be revised and updated during the project considering the evolution of project results, the requirements of the Exploitation and Business Plan, the input collected from activities developed and detected exploitation opportunities.



Figure 1: SAFEWAY Dissemination & Communication toolkit





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Glossary of Terms

CA	Consortium Agreement
DCO	Dissemination and Communication Objectives
DCP	Dissemination and Communication Plan
E&BP	Exploitation and Business Plan
E&IM	Exploitation & Innovation Manager
GA	Grant Agreement
INEA	Innovation and Networks Executive Agency
KPI	Key Performance Indicator
PTC	Project Technical Committee
WP	Work Package





1. Introduction

The objective of the Dissemination and Communication Plan (DCP) is to identify and organise dissemination and communication activities to promote SAFEWAY's results and to obtain the widest dissemination of knowledge from the project. This plan is outlined around two basic concepts: first, the dissemination or marketing of the project's activities, to enhance the project visibility and increase its exploitation potential; then secondly, the communication of project's results among the scientific community and key stakeholder groups.

This document constitutes Deliverable D10.1 "Dissemination and Communication Plan", framed within WP10 "Exploitation, Dissemination and Communication" and Task 10.1 "Dissemination, Communication and IP management". This report defines the strategy and management for Dissemination and Communication activities of the project. This DCP is aimed to be used by SAFEWAY partners as their guidance document to help them set a common framework for them to plan their dissemination and communication activities. Furthermore, this DCP will also contribute to set the basis for the project to achieve its expected impact when disseminating the project outcomes among the identified key audience target groups.

This deliverable (D10.1), presents the first version of the DCP, a live document that will be revised and updated regularly during the duration of the project, including a summary of the project's achievements and contributions from partners. Table 1 shows the planed due dates for the different versions of the DCP.

Deliverable Number	Deliverable Title	Due date
D10.1	Dissemination and Communication Plan V1	M6
D10.5	Dissemination and Communication Plan V2	M30
D10.8	Dissemination and Communication Plan V3	M42

Table 1: SAFEWAY planed calendar for submission of the DCP and its updates





2. Dissemination and Communication Strategy

2.1 Goals and objectives

The dissemination and communication goals are to reach the widest audience to disseminate SAFEWAY project outcomes and to communicate the knowledge gained by its partners during the duration of the project. In this context, it is necessary to define a robust communication strategy and to put in place the appropriate management tools, so the targeted impact can be achieved. Although, this DCP is intended as a guideline for partners, it is also crucial an active engagement and commitment of partners to perform dissemination and communication activities, as well as their proactively look for dissemination opportunities based in the following basic criteria:

- Target audiences are identified.
- Specific communication messages are defined to audience target groups.
- Information channels and tools are identified to reach project's audience to clearly disseminate the project's outcomes.

To accomplish the Dissemination and Communication Goals, six specific SAFEWAY Dissemination Communication Objectives (DCO) have been defined, in order to influence the behaviour, develop opinion and to raise awareness of specific Audience target groups defined in section 2.2. Table 2 presents the DCO that have been identified for the SAFEWAY project.

Dissemination and Communication Objectives			
DCO 1	To raise awareness and interest of potential users on the project results.		
DCO 2	To boost interaction with stakeholders and potential users to obtain key feedback to enhance exploitation opportunities of the SAFEWAY results.		
DCO 3	To transfer knowledge between partners.		
DCO 4	To effectively acquire new skills by users.		
DCO 5	To ensure a broad applicability of the project results taking into consideration regulations and standards.		
DCO 6	To foster SAFEWAY technology acceptance by users.		

Table 2: SAFEWAY Dissemination and Communication Objectives





2.2 Audience

SAFEWAY's audience can be structured into specific target groups, according to the different types of users, and potential users (people, groups or organisations), that have the potential to affect, or be affected, by the objectives and actions of the project. In particular, target groups are chosen considering the key actors that can influence the research or generate future market uptake of the SAFEWAY project results. When analysing the project's audience to define its target groups, it should be considered that different groups have different concerns, capacities and interests, and the following questions shall be asked:

What do they think know?

What do they care about?

What do we want them to think?

These questions shall be explicitly considered, not only at the beginning of the project, when defining the audience target groups, but also during the project at regular intervals to identify possible changes in the composition of these target groups. Therefore, SAFEWAY project has identified 11 different target groups in which its audience can be structured, these have been grouped into target groups for dissemination activities and target groups for communication activities.

Target groups for dissemination activities

- SAFEWAY partners
- Industry
- Scientific community
- Standardisation organisations
- High-level education
- Stakeholders

Target groups for communication activities

- Young minds
- Public in general
- Stakeholders (industrial clusters and associations)
- European Research Area
- European Commission, public Authorities & Policy Makers

2.2.1 Target groups for dissemination activities

SAFEWAY partners

Who?

□ Staff within the different SAFEWAY partner organisations.

Why?

□ They can channel the Project results towards different sectors through networking.





Which are the dissemination objectives?

- To raise awareness and interest of potential users on the project results.
- $\hfill\square$ To transfer knowledge between partners.

Which is the key message?

- □ Project objectives, partners, activities, public documents and videos.
- □ Technical background, keys to use SAFEWAY platform.

What dissemination activities?

- □ Website and social media.
- □ Internal seminars.

Industry

Who?

- □ Industry clusters.
- □ Industrial associations.
- □ SMEs.

Why?

□ They are potential customers of SAFEWAY tools and services.

Which are the dissemination objectives?

- □ To raise awareness and interest of potential users on the project results.
- To boost interaction with stakeholders and potential users to obtain key feedback to enhance exploitation opportunities of the SAFEWAY results.
- □ To effectively acquire new skills by users.
- □ To ensure a broad applicability of the project results taking into consideration regulations and standards.
- □ To foster SAFEWAY technology acceptance by users.

Which are the key messages?

- □ Project objectives, partners, activities, public documents and videos.
- □ Project results, specific knowledge and fundamental principles.
- Project results and main features of the manufacturing process and novel products.
- □ Project contents, developments and results.
- □ Project results and main features of the Technological Platform and novel products.
- □ Project results, with emphasis on: SAFEWAY platform (through crowdsourcing) with data, analytical models and algorithms related with transport infrastructure resilience.





What dissemination activities?

- □ Project Website and social media.
- □ Project in partners' websites.
- \Box Online training.
- □ SAFEWAY workshop.
- □ SAFEWAY Webcast.
- □ Clustering EU-funded projects and initiatives in construction and infrastructure management
- □ Technical articles in Infrastructure Management Journals.
- □ Presentations/lectures/posters in congresses & conferences on Resilience for climate change adaptation and critical infrastructures.
- □ Organisation of parallel project events.
- □ Attendance to Trade Fairs.
- □ Presentations in events promoted by EU Initiatives.
- □ Promote SAFEWAY results through Enterprise Europe Network to reach SMEs.
- □ Open Innovation activity to connect the SAFEWAY solutions with other existent tools or processes.

Scientific community

Who?

- □ Academia.
- \Box Technology centres.
- □ Researchers.
- □ Early Career Researchers.
- \Box PhD students.

Why?

□ It is essential to share SAFEWAY research results with the community working on state-of-the-art and obtain feedback.

Which are the dissemination objectives?

- □ To raise awareness and interest of potential users on the project results.
- To boost interaction with stakeholders and potential users to obtain key feedback to enhance exploitation opportunities of the SAFEWAY results.

Which are the key messages?

- □ Project objectives, partners, activities, public documents and videos.
- □ Project results, specific knowledge and fundamental principles.
- □ Project contents, developments and results.
- Project results and main features of the Technological Platform and novel products.





What dissemination activities?

- □ Website and social media.
- □ Scientific articles in Journals.
- □ Clustering EU-funded projects and initiatives in construction and infrastructure management
- □ Technical articles in Infrastructure Management Journals.
- □ Presentations/lectures/posters in congresses & conferences on Resilience for climate change adaptation and critical infrastructures.
- $\hfill\square$ Organisation of parallel project events.
- □ Organisation of parallel project events.

Standardisation organisations

Who?

- □ Open Geospatial Consortium.
- □ BuildingSMART.
- \Box Other.

Why?

They can control the correct implementation of standards (e.g. information models) and validate the extensions proposed within the project.

Which are the dissemination objectives?

- □ To raise awareness and interest of potential users on the project results.
- To boost interaction with stakeholders and potential users to obtain key feedback to enhance exploitation opportunities of the SAFEWAY results.
- □ To ensure a broad applicability of the project results taking into consideration regulations and standards.
- □ To foster SAFEWAY technology acceptance by users.

Which are the key messages?

- □ Project objectives, partners, activities, public documents and videos.
- Project results and main features of the manufacturing process and novel products.
- □ Standards relevant data from the project.

What dissemination activities?

- □ Project website and social media.
- □ SAFEWAY Workshop.
- □ SAFEWAY Webcast.
- □ Liaison and collaboration with standardization organisations.





High-level education

Who?

- $\hfill\square$ Undergraduates.
- □ Postgraduates.
- \Box PhD students.
- \Box Academics.

Why?

□ They can incorporate into academic sector new tools, services and practises that will be used by new generations of professionals.

Which is the dissemination objective?

- □ To raise awareness and interest of potential users on the project results.
- □ To effectively acquire new skills by users.

Which is the key message?

- □ Project objectives, partners, activities, public documents and videos.
- □ Project results, specific knowledge and fundamental principles.
- □ Project results and main features of the manufacturing process and novel products.

What dissemination activities?

- □ Project website and social media.
- \Box Online training.

Stakeholders

Who?

- □ Infrastructure owners and managers.
- □ Public Administrations.
- □ Meteorological Agencies.
- □ International Platforms and Associations on Construction, Railways and Roads.
- □ Large construction companies.
- □ Infrastructure operators.
- □ Civil Protection Authorities.

Why?

- □ They can extend the SAFEWAY results to other sectors.
- □ They can provide feedback to SAFEWAY services, methodologies and practises.





Which is the dissemination objective?

- □ To raise awareness and interest of potential users on the project results.
- To boost interaction with stakeholders and potential users to obtain key feedback to enhance exploitation opportunities of the SAFEWAY results.
- □ To ensure a broad applicability of the project results taking into consideration regulations and standards.
- □ To foster SAFEWAY technology acceptance by users.

Which is the key message?

- □ Project objectives, partners, activities, public documents and videos.
- Project results and main features of the manufacturing process and novel products.
- □ Project contents, developments and results.

What dissemination activities?

- □ Project website and social media.
- □ Project in partners' websites.
- □ SAFEWAY Workshop.
- □ SAFEWAY Webcast.
- □ Presentations in events promoted by EU Initiatives.

2.2.2 Target groups for communication activities

Young minds

Who?

- □ Early Stage Researchers.
- \Box PhD students.
- □ MSc and undergraduate students.
- \Box Childs and adolescents.

Why?

□ They will be the future users and it is important to engage them from an early stage to raise awareness and to use Project outcomes as practical application of STEM subjects.

Which are the communication objectives?

- □ To raise awareness and interest of potential users on the project results.
- □ To foster SAFEWAY technology acceptance by users.

Which is the key message?

□ The relevance of SAFEWAY project in your daily life.





What dissemination activities?

- □ Shor video for schools.
- □ School visits to partners' facilities.

Public in general

Who?

- Public administrations at different levels: national, regional, municipalities.
- □ Railway passengers.
- \Box Drivers.

Why?

- □ They are the end users of project results.
- □ They can use apps to bi-directionally exchange information with SAFEWAY platform.

Which is the communication objective?

- □ To raise awareness and interest of potential users on the project results.
- □ To foster SAFEWAY technology acceptance by users.

Which is the key message?

□ The relevance of SAFEWAY project in jobs creation, energy efficiency, citizen's security and life quality.

What dissemination activities?

- \Box Press releases.
- $\hfill\square$ Articles in newspapers.
- $\hfill\square$ Presentations in Radio and TV.

Stakeholders (industrial clusters and associations)

Who?

- □ Infrastructure owners and managers.
- □ Public Administrations.
- □ Meteorological Agencies.
- □ International Platforms and Associations on Construction, Railways and Roads.
- □ Large construction companies.
- □ Infrastructure operators.
- □ Civil Protection Authorities.

Why?

- □ They can extend the SAFEWAY results to other sectors.
- □ They can provide feedback to SAFEWAY services, methodologies and practises.





Which is the communication objective?

- □ To raise awareness and interest of potential users on the project results.
- To boost interaction with stakeholders and potential users to obtain key feedback to enhance exploitation opportunities of the SAFEWAY results.
- □ To ensure a broad applicability of the project results taking into consideration regulations and standards.
- □ To foster SAFEWAY technology acceptance by users.

Which is the key message?

□ The SAFEWAY project results and its impact beyond terrestrial transport industry.

What dissemination activities?

□ Presentations in events promoted by industrial associations (ENCORD, ECTP, PTEC, EFTRC).

European Research

Who?

□ The Community Research and Development Information Service (CORDIS).

Why?

□ CORDIS is the European Commission's primary source of results from the projects funded by the EU's framework programmes for research and innovation.

Which is the communication objective?

- □ To raise awareness and interest of potential users on the project results.
- To boost interaction with stakeholders and potential users to obtain key feedback to enhance exploitation opportunities of the SAFEWAY results.
- □ To ensure a broad applicability of the project results taking into consideration regulations and standards.
- □ To foster SAFEWAY technology acceptance by users.

Which is the key message?

□ The SAFEWAY project results and its impact.

What dissemination activities?

□ Publication of project information in CORDIS.





European Commission, Public Authorities & Policy Makers

Who?

- □ European Commission.
- □ Innovation and Networks Executive Agency.
- □ National and local regulators and policymakers.
- □ National Civil Protection Authorities.

Why?

- □ To activate clustering opportunities with other projects, organizations, platforms, etc.
- □ To present project results and impact to policy-makers, standardization organizations, etc.

Which is the communication objective?

- To raise awareness and interest of potential users on the project results.
- To boost interaction with stakeholders and potential users to obtain key feedback to enhance exploitation opportunities of the SAFEWAY results.
- □ To ensure a broad applicability of the project results taking into consideration regulations and standards.
- □ To foster SAFEWAY technology acceptance by users.

Which is the key message?

- □ The SAFEWAY project impacts in industry and citizens
- □ Information on existing barriers, limiting full impact achievement of SAFEWAY impact.

What dissemination activities?

- Presentations in events promoted by EC, Public Authorities and Policy Makers.
- □ Ad-hoc briefings and fact sheets distributed to Public Authorities & Policy makers.

2.2.3 Other related initiatives and projects

In addition to the previously defined target groups, a fluent communication and when possible coordination of actions, will be seek with relevant projects and initiatives at European, national and regional/local level. Some relevant projects at European level are listed below:





Project	Description
FORESEE – Future proofing strategies FOr RESilient transport networks against Extreme Events <u>http://foreseeproject.eu</u> Horizon 2020, 2018-2022	FORESEE provides cost effective and reliable tools to improve the resilience of transport infrastructure. Namely, it aims to reduce the magnitude and/or duration of disruptive events (natural and anthropogenic hazards), such as earthquakes, floods, fire or landslides. Through new innovative technologies, methodologies and resilient schemes, FORESEE addresses the effectiveness of measures aiming to improve the ability to anticipate, absorb, adapt to, and/or rapidly recover from a disruptive event, mainly in road and rail infrastructure and transport hubs. FORESEE proposes the development of a harmonised resilience assessment methodology and an integrated Toolkit able to reduce the consequences with a systemic perspective.
PANOPTIS – Development of a Decision Support System for increasing the Resilience of Transportation Infrastructure based on combined use of terrestrial and airborne sensors and advanced modelling tools <u>http://www.panoptis.eu/</u> Horizon 2020, 2018-2022	PANOPTIS aims at increasing the resilience of the road infrastructures and ensuring reliable network availability under unfavourable conditions, such as extreme weather, landslides, and earthquakes. Our main target is to combine downscaled climate change scenarios (applied to road infrastructures) with simulation tools (structural/geotechnical) and actual data (from existing and novel sensors), so as to provide the operators with an integrated tool able to support more effective management of their infrastructures at planning, maintenance and operation level.
RESIST – RESilient transport InfraSTructure to extreme events <u>http://www.resistproject.eu/</u> Horizon 2020, 2018-2022	The overall goal of RESIST is to increase the resilience of seamless transport operation to natural and man- made extreme events, protect the users of the European transport infrastructure and provide optimal information to the operators and users of the transport infrastructure. The project will address extreme events on critical structures, implemented in the case of bridges and tunnels attacked by all types of extreme physical, natural and man-made incidents, and cyber-attacks.
DRIVER+ – DRiving InnoVation in crisis management for European Resilience <u>https://www.driver-</u> project.eu/ FP7-SECURITY, 2014-2020	The main aim of DRIVER+ is to cope with current and future challenges due to increasingly severe consequences of natural disasters and terrorist threats, by the development and uptake of innovative solutions that are addressing the operational needs of practitioners dealing with Crisis Management.





Project	Description
ANYWHERE – EnhANcing emergencY management and response to extreme WeatHER and climate Events http://anywhere-h2020.eu/ Horizon 2020, 2016-2020	The ultimate purpose of ANYWHERE is to empower exposed responder institutions and citizens to enhance their anticipation and pro-active capacity of response to face extreme and high-impact weather and climate events. This will be achieved through the operational implementation of cutting-edge innovative technology as the best way to enhance citizen's protection and saving lives. ANYWHERE proposes to implement a Pan-European multi-hazard platform providing a better identification of the expected weather-induced impacts and their location in time and space before they occur. This platform will support a faster analysis and anticipation of risks prior the event occurrence, an improved coordination of emergency reactions in the field and help to raise the self-preparedness of the population at risk.
INSPIRE – Infrastructure for spatial information in Europe <u>https://inspire.ec.europa.eu/</u>	The INSPIRE Directive aims to create a European Union spatial data infrastructure for the purposes of EU environmental policies and policies or activities which may have an impact on the environment. This European Spatial Data Infrastructure will enable the sharing of environmental spatial information among public sector organisations, facilitate public access to spatial information across Europe and assist in policy-making across boundaries. INSPIRE is based on the infrastructures for spatial information established and operated by the Member States of the European Union. The Directive addresses 34 spatial data themes needed for environmental applications.

2.3 Project identity and main message

2.3.1 Project logo

A project logo has been designed to communicate the SAFEWAY project identity. It's being used on the web as well as in any other dissemination printed materials.

This logo will be included in all presentations, documents, etc., of the project SAFEWAY and therefore different chromatic versions have been designed in order to assure the best visibility of the SAFEWAY project identity with independence of the type of media used.

The selection of the colours to be used in the logo has been made taking into account international standards in order to assure the reproducibility and also the visibility of the design.





Master logo:



Logo colour	Codes:	Red	Green	Blue
Road, blue		46	33	132
Rail, grey		134	134	134





2.3.2 Visibility of EU funding

Rules regarding visibility of EU funding in the framework of the Horizon 2020 programme:

□ Any communication or publication related to the action shall display the European Union emblem and indicate that the action has received funding from the Union:



"This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No769255."

- □ When displayed in association with another logo, the EU emblem must have appropriate prominence.
- □ Any communication or publication made, in any form and using any means, shall indicate that it reflects only the author's view and that the Commission is not responsible for any use that may be made of the information it contains:

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The EU emblem in different resolutions and colours, together with a set of guidelines on how to use this, can be downloaded in link below:

https://europa.eu/european-union/about-eu/symbols/flag_en

2.4 Project communication tools and activities

2.4.1 Project website

An English version of the SAFEWAY website was launched in September2018.

Website url: <u>https://www.safeway-project.eu/en</u>





GIS-based Infrastructure Management System for Optimized esponse to Extreme Events on Terrestrial Transport Networks





Figure 2: SAFEWAY's website home page

The website has the aim of widely disseminate information about the project's objectives, transfer and exchange activities, and results. The project website is an important tool as it has a wide dissemination capacity and at the same time it is permanently accessible.

The content of the website will be overseen by the Coordinator (University of Vigo). The project website has been designed to have public areas whose purpose is to show and disseminate the general results, SAFEWAY Case Studies on TEN-T CORE NETWORK CORRIDORS (4 cases) and Dissemination activities' project (Publications, Presentations, Trainings, Movies, Other).

Webpage's contents will be updated regularly by the coordinator of the project including all new information considered as relevant for the project objectives, as part of the dissemination activities.

A complete detailed description of the Webpage's contents, structure and functionalities is included in deliverable D10.12 "Safeway Website".

2.4.2 Social media strategy

A social media strategy is defined with the aim of:

- Showcase the project through social media to raise visibility the project main aims and objectives
- Identify and approach people or organisations already active in relevant topics to the project activities.





- Engage with social media followers and develop an online community of SAFEWAY project followers
- Create and participate in interactive forums at European, national and regional level.

To materialise these objectives, the following actions will be carried out:

- Open social media accounts in relevant media (i.e., LinkedIn and Twitter).
- Identify and approach relevant people and organisations.
- Join relevant LinkedIn Professional Groups
- Post content regularly (e.g., 1 post per week in each media)
- Initiate social media campaigns, targeting specific Target Groups
- Promote the Project social media accounts through the different partners own social media accounts.

2.4.2.1 Project Twitter account

An English SAFEWAY Twitter account was launched in September 2018.

The Twitter URL: <u>https://twitter.com/SAFEWAY_EU</u>.

The SAFEWAY Twitter account is **@SAFEWAY_EU**



Figure 3: SAFEWAY's Twitter home page





2.4.2.2 Project LinkedIn account

An English SAFEWAY LinkedIn account was launched in February 2019.

The LinkedIn URL: <u>https://www.linkedin.com/in/safeway-project-0ba6b717a/</u>.

The SAFEWAY LinkedIn account is: **SAFEWAY Project**

۹ Search	ப் Home	A C My Network Jobs	ات الج Messaging Notific	⊖ 🚯 cations Me ▾	Work 🗸	Learning
SAFEWAY Project • 1st Project en H2020-MG7.1-2017 Vigo Area, Spain Message More	』 注 発	H2020-MG7.1-2017 See contact info See connections (2)	Рорг		Duggan's Fir Composite:	e and Ice
Experience Project H2020-MG7.1-2017			5	Conve Viewer Jodi G Yourse	to Handle Po ersations at V s: 14,957 ilickman on elf s: 176,688	Work

Figure 4: SAFEWAY's LinkedIn home page

2.4.3 Communication materials

Communication materials will be produced as a mean to support the communication activities of the project and showcase the project's main messages to the different target groups.

A **project brochure** will be produced to support project communication activities. A **project poster** was produced (Figure 4) and presented at the event ANYWHERE in November 2018 in Barcelona, Spain, and a **project pop-up banner** will be produced. These materials will be used for dissemination and communication purposes mainly at conferences, exhibitions, workshops and other awareness events.

A **project standard presentation** will be prepared by UVIGO and made available for partners to use for dissemination and communication events, as a common tool to present the projects and its outcomes and results. By preparing a common presentation for every partner to use, the project aims to ensure the use of a common and coherent message along the project live. This presentation will be updated regularly during the project to integrate the newly generated outcomes and results. In addition, the **Project Presentation Templates** are defined in





Deliverable D1.1 Quality Assurance Plan and a copy can be find downloaded from the SharePoint repository.

Before the completion of the project, when the public demonstration of the pilots involving stakeholders will take place (T9.3), a **project leaflet** of a few pages will be prepared. This will be used for the dissemination of the project outcomes and results at national and European level and extend beyond the duration of the project.



Figure 5: SAFEWAY Project poster

2.4.4 Press releases, articles, papers and presentations

The action of the SAFEWAY project, a number of press releases, articles in local newspapers and magazines, and project presentations are foreseen to enhance communication and dissemination of the project. These should be issued when the project is doing something new, interesting or different that would interest local, national or European media. Press releases are important means to encourage and incite journalists to develop articles on the subject. Furthermore, when preparing these, advice from each partner's press or communication departments, and/or the project coordinator, should be seek in order to produce some high quality





communications, which are targeted to the right audience and consider the right background, tone and style.

Considering that the project will also perform substantial technical work with respects to the coordination and exploitation of information and knowledge, a substantial number of paper and presentation in conferences and publications in referred journals and magazines is further envisaged (see tables in Appendices 1 and 2).

2.4.5 Other communication materials

During the action of the project, a number of other communication tools or materials are considered to maximise the impact of SAFEWAY's outcomes, which can be defined as:

- **Project in partners' websites:** this refers to the institutional websites of project partners.
- Scientific Articles in Journals: this articles are those that are published, or accepted for publication, in international journals where papers are subjected to peer-review process. These articles may cover any of the disciplines being addressed in SAFEWAY.
- **Technical articles in Infrastructure Management Journals:** articles or letters published in journal or magazines specialized in infrastructure assets management, including but not limited to planning, designing, acquisition, health monitoring, of infrastructure assets at the different dimensions of resilience.
- **Internal seminars:** training activities focused to train researchers, technicians or young professionals in the new tools being developed within the project. This may include but is not limited to seminars and workshops about the automated processing of remotely sensed data, predictive modelling algorithms, software demos, etc.
- **Online training:** webinars and/or short online training activities to demonstrate software tools capabilities, SAFEWAY IT platform, etc.
- SAFEWAY workshop: final international workshop to present and discuss all project results, not only among project partners but also open to stakeholders and other target groups. The conference will be targeted to technology innovators on infrastructure management, including end-users, materials and technology suppliers, the research community, regulatory agency, standardization bodies and all the potential players interested in fields associated to innovative resilience of transport infrastructure with special focus on their application in railway and roads.
- **SAFEWAY Webcast:** webcast or webinars about the functionalities of SAFEWAY IT platform, and its associated services.

2.5 Planned communication and dissemination events

In the very initial phase of the project, dissemination will be focused in presenting the project to raise awareness among stakeholders (all target audiences). Following the generation of research output dissemination will be





more focused to the scientific community, standardization organisations and key industry representatives. As the project progresses dissemination will focus on presenting results related to SAFEWAY decision-making system (design and performance, validation, techno-economic feasibility) through specific outreach activities to all audiences.

Although during the whole project transfer activities among the partners will occur, specific actions are planned by the end of the project based on all the results obtained. Similarly, training activities will also be specifically addressed at the end of the project and beyond.

An overview of planned communication and dissemination events is included in the Appendix 1: "Dissemination matrix".

- Clustering EU-funded projects and initiatives in construction and infrastructure management
- Presentations/lectures/posters in congresses & conferences on Resilience for climate change Adaptation and critical infrastructures
- Organisation of parallel project events
- Attendance to Trade Fairs
- Liaison and collaboration with standardization organisations
- Presentations in events promoted by EU Initiatives
- Promote SAFEWAY results through Enterprise Europe Network to reach SMEs, etc.
- Open Innovation activity to connect the SAFEWAY solutions with other existent tools or processes





3. Dissemination & Communication Management

3.1 Resources and timescales

The Dissemination and Communication Plan (DCP) include the following activities:

- The first main activity refers to Intellectual property management, whose main goal is to duly protect the knowledge and innovation developed in the project and to coordinate IPR issues, in the framework of the IP management rules in the Grant Agreement (GA) and the provisions in the Consortium Agreement (CA). The Project Technical Committee (PTC) will be responsible of collecting the knowledge generated and defining protection strategy and the necessary access rights for results exploitation, as well as propose fair solutions to any possible conflict related to IPR.
- > Complementarily, the PTC through the Exploitation & Innovation Manager (E&IM) will keep a permanent surveillance activity on the blocking IP or new IP generated elsewhere in the EU landscape to ensure SAFEWAY freedom to operate. The output of this activity will be included in the Exploitation and Business Plan (E&BP), which will be updated during the project timeframe. In addition, input from this activity is expected for the implementation of dissemination and communication activities in order to maximize dissemination impact while respecting the necessary confidentiality for protection of the exploitation interests of the partners. The main objectives of this second activity about dissemination and communication are to ensure the project impact is achieved and to maximise the opportunities for the exploitation of the outcomes across the value chain. Contribution from Advisory Board and other stakeholders will be key for the implementation of this activity. The elements of the dissemination and communication toolkit, including the website, flyers, video, etc., will be elaborated in this activity, to be indexed, within DCP, as applicable.

All the results susceptible of dissemination will be first analysed in terms of IP protection, before the consortium consent for publication. The DCP will be revised and updated during the project considering the evolution of project results, the requirement of the E&BP, the input collected from activities developed and detected exploitation opportunities. The EIM will be in charge of coordinating the activities mentioned (DCP implementation and revision) and compliance with GA and CA provisions. Moreover, the EIM will be responsible of the monitoring opportunities for exploitation providing key input for the update of DCP, as well as for the E&BP.

The following table shows the timescale of planned communication and dissemination events:





Table 3: SAFEWAY planed timeline for Communication and Dissemination activities

	20	18	20)19	20	20	20	21	20	22	20	23	20	24	20	25
Project website &Social Media																
Project in partners' websites																
Internal seminars																
Online training																
SAFEWAY workshop																
SAFEWAY Webcast																
Scientific Articles in Journals																
Clustering EU-funded projects																
Technical articles in Infrastructure Management Journals																
Presentations/lectures/posters in congresses & conferences																
Organisation of parallel project events																
Attendance to Trade Fairs																
Liaison and collaboration with standardization organisations																
Presentations in events promoted by EU Initiatives																
Promote SAFEWAY results through EENetwork to reach SMEs																
Open Innovation to connect SAFEWAY with other existent tools																





3.2 Dissemination and communication roles and responsibilities

- The project shall appoint one person who will be responsible for dissemination and communication of SAFEWAY at project level.
- Each partner shall appoint one person who will be responsible for dissemination and communication of SAFEWAY at partner level.
- All partners shall ensure their dissemination and communication activities are in accordance with the guidelines described in this DCP to ensure effective communication and exploitation and a common approach to communication.
- All partners shall create a stakeholder list of the different target groups towards whom dissemination, exploitation and communication is targeted.
- Partners shall monitor dissemination and communication activities, both the ones foreseen by the project and those made independently by each partner. An effective monitoring will allow SAFEWAY to improve effectiveness and to refine future versions of this DCP. Reporting on dissemination and communication activities shall be made in accordance with section 4 of this DCP.
- Partners shall monitor and report any media related activity, and send the related information and communication outputs (material, press release/articles, photos, etc.) to the project coordinator (UVIGO) to hold track record and upload these to the website and social media.

3.3 Communication between members of the consortium

In Consortium Agreement Art. 11.3 appears the procedure that should govern the publication of news and other communications relating to the project.

Any notice to be given under this Consortium Agreement shall be in writing to the addresses and recipients as listed in the most current address list kept by the Coordinator.

3.3.1 Formal notices

If it is required in this Consortium Agreement (Sections 4.2 and 11.4) that a formal notice, consent or approval shall be given, such notice shall be signed by an authorised representative of a Party and shall either be served personally or sent by mail with recorded delivery or telefax with receipt acknowledgement to the Party's registered address.

3.3.2 Other communication

Other communication between the Parties may also be effected by other means such as e-mail with acknowledgement of receipt, which fulfils the conditions of written form.

Any change of persons or contact details shall be notified immediately by the respective Party to the Coordinator. The address list shall be accessible to all concerned.

3.4 Communication for technical implementation of the action

At the technical level, communication between the members of the consortium should be carried out according to the scheme presented below:



Figure 1:Diagram showing the communication flowchart for the implementation of technical and communication actions

Other communication between the Parties may also be effected by other means such as e-mail with acknowledgement of receipt, which fulfils the conditions of written form.

In addition, to facilitate the exchange of information between partners, a private SharePoint (<u>https://www.safeway-project.org/_layouts/15/start.aspx#/default.aspx</u>) has been set up, structured as follows:

SAFEWAY	SafeWay Project redit LINKS	
Home Documents Glossary Tasks Calendar Groups	Documents	Modified ••• June 25, 2018
EDIT LINKS	 01 Legal and financial documents 02 Deliverables and periodic reports 03 Meetings 04 Literature and reference documents 05 WP1 Overall project coordination 06 WP2 Risk factors and risk analysis 07 WP3 Multi scale infrastructure modelling and monitoring 08 WP4 Innovative crowdsourcing concepts 09 WP5 Predictive models 10 WP6 Decision support system 11 WP7 SAFEWAY IT platform prototype 12 WP8 Action plan for long term resilience 13 WP9 Demonstrative pilots 14 WP10 Exploitation, dissemination and communication 15 WP11 Ethics requirements 	 June 25, 2018

Figure 2: SAFEWAY's SharePoint home page

3.5 Project results and knowledge continuity

The Website & Social Media (Twitter and LinkedIn account) of SAFEWAY Project, launched at the beginning of the project in September 2018, will widely disseminate the project's objectives, transfer and exchange activities, and results up to 5 years beyond the project.





4. Evaluation and Continuous Update

To facilitate the evaluation of the communication activities, and to understand the impact of the actions carried out, it is necessary for all partners to register the activities that they implement.

In this sense, the Appendix 3: "Monitoring Tools for Dissemination Activities" includes the following templates to report every communication activity or publication (articles, publications on blog, etc.) made by each consortium member:

- **Template A2.1:** Record of scientific (peer reviewed) publications, published by partners, related to the content of the project.
- **Template A2.2a:** Record of dissemination events (e.g., conferences, workshops, exhibition fairs, congresses).
- **Template A2.2b:** Post dissemination event sheet.
- **Template A2.4:** Record of other dissemination activities (e.g., web sites/applications, press releases, flyers, articles published in the popular press, videos, media briefings, presentations, thesis, interviews, films, TV clips, posters, etc.).

By performing regular monitoring of the activities, it is possible to assess if the action plan is being carried out properly and if it is on time. It will also be possible to see which activities had the biggest impact on the stakeholders (both in quantitative and qualitative terms).

The conclusions from these Templates (except from Template A2.2b: Post dissemination event sheet) will be included in each Periodic Monitoring Report, as well as uploaded to the European Portal in order to be evaluated.

4.1 Monitoring of dissemination and communication KPIs

Key Performance Indicators (KPIs) are a common metric to monitor and evaluate parameters that are key for the success of a project. To this regard, SAFEWAY has defined a number of KPIs (Annex 1b of the GA) to evaluate the success of the project outcomes through its dissemination and communication activities. To facilitate the mid- and long-term monitoring of KPIs, these have been distributed into interim KPIs for months M18, M30 and M42 (see Appendices 1 and 2) to be evaluated in future versions of this DCP, and propose the pertinent corrective actions (if needed). Current KPI tracking, considering that Dissemination and Communication activities in the initial phase of a project are scarce, are in line with estimations. Notwithstanding, it has been shown difficult to gather data of visits to the project in Partners' websites.

Dissemination and Communication KPIs will be monitored every six months and its progress reported in Periodic Monitoring Reports and Periodic Reports, as well as updated to SyGMA for a continuous evaluation. Upon this continuous monitoring, progress will be evaluated and corrective measures proposed, if necessary.





5. Report of Completed Activities

5.1 Development of communication and media tools

The following communication media tools were made available in the period covered by this first version of the Dissemination and Communication Plan (September 2018 to April 2019):

Table 4: SAFEWAY communication and media tools that have been completed

Communication and media tool	By who	Date
Project Identity (logo, message, templates, etc.)	DEMO/ UVIGO	October 2018
Project website	DEMO/ UVIGO	September 2018
Project Twitter account	DEMO/ UVIGO	September 2018
Project LinkedIn account	UVIGO	February 2019
Project poster	UVIGO	November 2018
Project Standard Presentation	UVIGO	April 2019

5.2 General dissemination

At this point in the project's lifetime is still early on to start communicating its main research outcomes. Consequently, dissemination activities are expected to growth in quantity and quality towards the end of the project. Notwithstanding, Appendix 6, compiles dissemination activities where SAFEWAY Partners have presented either an overview of the Project to a wide audience; and project's research outcomes to a more specialised audience.





Acknowledgements

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SAFEWAY

GIS-BASED INFRASTRUCTURE MANAGEMENT SYSTEM FOR OPTIMIZED RESPONSE TO EXTREME EVENTS OF TERRESTRIAL TRANSPORT NETWORKS

Grant Agreement No. 769255

Dissemination and Communication Plan (DCP) V1 - Appendices

WP 10	Exploitation, Dissemination and
	Communication

Deliverable ID	D10.1
Deliverable name	Dissemination and Communication Plan V1 – Appendices
Lead partner	UVIGO
Contributors	ALL

PUBLIC

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- Appendix 1: Dissemination Matrix
- Appendix 2: Communication Matrix
- Appendix 3: Monitoring Tools for Dissemination Activities
- Appendix 4: Quick Guide to DCP
- Appendix 5: Standard Project Presentation
- Appendix 6: Record of Dissemination Events and Activities

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Appendix 1. Dissemination Matrix

Activities	Objectives	Audience	Koy moscosco	Time		Dissemina	ation KPIs	
Activities	Objectives	Audience	Key message	planning	M18	M30	M42	Actual
Project website & Social Media	DCO1	ALL	Project objectives, partners, activities, public documents, videos	Up to 5 yrs. beyond the project	~ 850 visits	~ 1400 visits	~ 2000 visits	ТВС
Project in partners' websites	DCO1	Industry Stakeholders	Project objectives	Up to 2 yrs. beyond the project	~ 1200 visits	~ 2100 visits	~ 3000 visits	ТВС
Internal seminars	DCO3	SAFEWWAY Partners	Technical background, keys to use SAFEWAY platform	In parallel to project meetings	> 1 seminars	> 2 seminars	> 4 seminars	0





Activities	Objectives	Audience	Kov moccodo	Time		Dissemina	ation KPIs	
Activities	Objectives	Audience	Key message	planning	M18	M30	M42	Actual
Online training	DCO4	High-level Education Industry	Results, specifically knowledge and fundamental principles Results and main features of the manufacturing process and novel products	Beyond the project	N/A	N/A	~ 50 university students/ PhD ~ 100 trainees	N/A
SAFEWAY workshop	DCO1, DCO2 & DCO5	Industry Stakeholders Standardisatio n Organisations	Results and main features of the manufacturing process and novel products	Month 36	N/A	N/A	~ 100 attendees	N/A
SAFEWAY Webcast	DCO1 & DCO6	Industry Stakeholders Standardisatio n Organisations	Results and main features of the manufacturing process and novel products	Month 36	N/A	N/A	~ 100 attendees	N/A





Activities	Obiestiwes	Audience	Kov moson ro	Time		Dissemina	ation KPIs	
Activities	Objectives	Audience	Key message	planning	M18	M30	M42	Actual
Scientific Articles in Journals: Natural Hazards, Int. Journal of Disaster Resilience in the Built Environment, Int. Journal of Disaster Risk Reduction, Computer-Aided Civil & Infrastructure Engineering, Int. Journal of Emergency Management, Int. Journal of Critical Infrastructure Protection, Reliability Engineering & System Safety, etc. Missing Structural Safety, Structural Engineering International, Structures and Infrastructures Engineering, etc.	DCO1	Scientific Community	Project results, specifically knowledge and fundamental principles	Month 12 onwards	 > 6 scientific articles > 300 readers 	 > 18 scientific articles > 900 readers 	 > 30 scientific articles > 15000 readers 	N/A
Clustering EU-funded projects and initiatives in construction and infrastructure management	DCO1 & DCO2	Scientific Community	Project contents, developments and results.	Month 12 onwards	~ 1 clustering activities	> 1 clustering activities	> 2 clustering activities	N/A





	Ohiostiuss	Audience Key message		Time		Dissemina	ation KPIs	
Activities	Objectives	Audience	Key message	planning	M18	M30	M42	Actual
Technical articles in Infrastructure management Journals: Restoration&Remediation Magazine, Infrastructure Asset Management Journal, Int. Journal of Critical Infrastructures, Int. Journal of Critical Infrastructure Protection, etc.	DCO1 DCO1 & DCO6	Scientific Community Industry	Project contents, developments and results. Results and main features of the Technological Platform and novel products	Month 12 onwards	> 1 articles >2000 readers	> 2 articles >2000 readers	> 4 articles >2000 readers	N/A
Presentations/lectures/po sters in congresses & conferences on Resilience for climate change adaptation and critical infrastructures: European Geosciences Union GA, Int. Conf. on Information Systems for Crisis Response and Management, Int. Conf. on Risk Analysis, Sustainable city, European Safety and Reliability (ESREL) Conf., European Workshop on Structural Health Monitoring (EWSHM), Critical Infrastructure Protection & Resilience Europe (CIPRE	DCO1 & DCO2 DCO1, DCO2 & DCO6	Scientific Community Industry	Project contents, developments and results. Results and main features of the Technological Platform and novel products	2020/ 2021 and beyond the project	N/A	>20 posters and 20 present. Reaching > 4500 research. & industrials	>40 posters and 40 present. Reaching > 9000 research. & industrials	N/A





	Obiestiwes	Audioneo	Kov moreove	Time		Dissemina	ation KPIs	
Activities	Objectives	Audience	Key message	planning	M18	M30	M42	Actual
Conf.), Int. conf. Creating Resilience Capabilities against Critical Infrastructure Disruptions, Resilience Frontiers for Global Sustainability Conf. (RESILIENCE), International Conf. on Infrastructure Resilience, Int. Conf. on Urban Sustainability and Resilience (USAR), The Int. Conf. on Sustainable Infrastructure (ISCI), IALCCE, IABSE and IABMAS, etc.								
Organisation of parallel project events	DCO1 & DCO2 DCO1, DCO2 & DCO6	Scientific Community Industry	Project contents, developments and results. Results and main features of the Technological Platform and novel products	2020/ 2021 and beyond the project	N/A	Organisati on of > 1 events Reaching at least 150 research. & industrials	Organisati on of >2 events Reaching at least 150 research. & industrials	N/A





Activities	Objectives	Audianca	Audience Key message _			Dissemination KPIs					
Activities	Objectives	Audience	Key message	planning	M18	M30	M42	Actual			
Attendance to Trade Fairs: Critical Infrastructure Exhibition (CIPRE), BIM Show Live (UK), London Build (UK), NFRATECH, DIGITAL CONSTRUCTION EXPO, BIM World Exhibition	DCO1, DCO2 & DCO6	Industry	SAFEWAY Technology Platform and Novel Products Booths presenting posters and project dossiers (audience- adapted contents)	2020/ 2021 and beyond the project	N/A	Participati on of ~1 industrial partner/ event. Reaching > 50 potential clients/ event	Participati on of >1 industrial partner/ event. Reaching >200 potential clients/ event	N/A			
Liaison and collaboration with standardization organisations (ISO, CENELEC, OGC or IEC)	DCO5	Standardisatio n Organisations	Standards relevant data from the project.	2020/202 1 and beyond the project	N/A	> 1 contribut. reports submitted	> 2 contribut. reports submitted	N/A			
Presentations in events promoted by EU Initiatives (ENCORD, ECTP, PTEC, EFTRC, Climate KIC Platform) EU Science Hubs (i.e. ERNCIP), EU projects (i.e. ANYWHERE) and US Initiatives (ASCE Infrastructure Resilience Division)	DCO1, DCO2 & DCO6	Industry Stakeholders	Project contents, developments and results.	Month 12 onwards	 > 1 present. Reaching > 20 experts & industrials 	 > 2 present. Reaching > 50 experts & industrials 	 > 4 present. Reaching > 100 experts & industrials 	N/A			





Activities	Objectives	Audience	Key message	Time		Dissemin	ation KPIs	
Activities	Objectives	Audience		planning	M18	M30	M42	Actual
Promote SAFEWAY results through Enterprise Europe Network to reach SMEs, etc.	01, 02 & 06	Industry	Results and main features of the Technological Platform and novel products	Month 22	N/A	>1 dossiers based on project technologi es	>3 dossiers based on project technologi es	N/A
Open Innovation activity to connect the SAFEWAY solutions with other existent tools or processes.	DCO2	Industry (especially SMEs)	Project results, with emphasis on: SAFEWAY platform (through crowdsourcing) with data, analytical models and algorithms related with transport infra resilience.	Month 30	N/A	N/A	 > 8 specific requests or interested target customers 2 new market uptakes 	N/A





Appendix 2. Communication Matrix

Audience	Kov mossogo	Activities	Time	KPI dissemination						
Audience	Key message	Activities	planning	M18	M30	M42	Actual			
Young Minds	The relevance of SAFEWAY project in your daily life	AFEWAY project in visits to partners' facilities AFEWAY project in partners' facilities AFEWAY p		Reaching > 300 students	N/A					
Public in general	The relevance of SAFEWAY project in jobs creation, energy efficiency, citizen's security and life quality	Press releases, Articles in Newspapers, Presentation in Radio and TV	Month 1 onwards	> 18,000 people reached	> 30,000 people reached	> 50,000 people reached	3,426,011 people reached			
Stakeholders (industrial clusters and associations)	The SAFEWAY project results and its impact beyond terrestrial transport industry	Presentations in events promoted by industrial associations (ENCORD, ECTP, PTEC, EFTRC)	Month 12 onwards	> 1 presentation s.	> 2 presentation s.	> 4 presentation s.	N/A			





Audience	Koy massaga	Activities	Time	KPI dissemination						
Audience	Key message	ACTIVITIES	planning	M18	M30	M42	Actual			
European Research Area	The SAFEWAY project results and its impact	Publication of project information in CORDIS	Month 12 onwards	Reaching ~ 1 major associations	Reaching > 1 major associations	Reaching > 3 major associations	N/A			
European Commission Public	The SAFEWAY project impacts in industry and citizens	Presentation in events promoted by EC, Public Authorities and policy makers	Month 1	> 1 publication	> 2 publication	> 4 publication	0			
Authorities & Policy Makers	Information on exiting barriers limiting full impact achievement of SAFEWAY impact	Ad-hoc briefings and fact sheets distributed to Public Authorities & Policy Makers	onwards	through CORDIS	through CORDIS	through CORDIS				





Appendix 3. Monitoring Tools for Dissemination Activities

This document includes:

- **Template A3.1:** Record of scientific (peer reviewed) publications, published by partners, related to the content of the project.
- **Template A3.2a:** Record of dissemination events (e.g., conferences, workshops, exhibition fairs, congresses).
- **Template A3.2b:** Post dissemination event sheet.
- **Template A3.3:** Record of other dissemination activities (e.g., web sites/applications, press releases, flyers, articles published in the popular press, videos, media briefings, presentations, thesis, interviews, films, TV clips, posters, etc.).





	Table A3.1: Record of scientific (peer reviewed) publications												
Publ. No.	Title	Type of publication (journal, proceedings, book/book chapter, thesis, etc.)	Journal or equivalent (journal, conference, publisher, etc.)	Date of accept.	Date of pub.	DOI	ISSN/ ISBN	Place of pub./ Conf. name	Issue	Peer review (Yes/ No)	Open access (green, gold, no)	SAFEWAY partner	Status (planed, completed)
1													
2													
3													
4													
5													
6													
7													
8													





	Table A3.2a: Record of dissemination events									
Event No.	Type of event (conference, fair, seminar. Workshop, exhibition, etc.)	Event title	Objective	Date	Place	Target groups	SAFEWAY partner contribution (project presentation, poster, brochure, stand, etc.)	Countries addressed	SAFEWAY partner involved	Status (planed, completed)
1										
2										
3										
4										
5										
6										
7										
8										





	Table A3.2I	Post dissemination event sheet				
Event title		Location		Type of event		
Website		Date		SAFEWAY partner(s) involved		
Event description (aim, organisers, topics addressed, scope, etc.)						
SAFEWAY partner con (presentation/poster/etc., r etc.)						
Type of audience (industry, scientific commun						
Objective of the activity						
Event statistics (number of attendants, cou	Event statistics (number of attendants, countries of origin, etc.)					
Type of feedback (summary, survey, interests, minutes, conclusions, etc.)						
Event materials (presentation, poster, brochure, video, etc.)						
Attachments (agenda, photos, brochure, poster, etc.)						





	Table A3.3: Record of other dissemination activities									
Activity No.	Type of activity (website, social media, brochure, poster, video, newspaper, etc.)	Link (if applicable)	Objective	Date	Target type of Audience (industry, scientific community, stakeholders, higher-education, etc.)	Target Audience size	SAFEWAY partner contribution (brief description)	SAFEWAY partner involved	Status (planed, completed)	
1										
2										
3										
4										
5										
6										
7										
8										





Appendix 4. Quick Guide to DCP



Deliverable D10.1_V1: Dissemination and Communication Plan Appendix 4: Quick Guide to DCP



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Dissemination and Communication Toolkit



Submission calendar

Deliverable Number	Deliverable Title	Due date
D10.1	Dissemination and Communication Plan V1	M6
D10.5	Dissemination and Communication Plan V2	M30
D10.8	Dissemination and Communication Plan V3	M42



D&C Objetives

Dissemination and Communication Objectives						
DCO 1	To raise awareness and interest of potential users on the project results.					
DCO 2	To boost interaction with stakeholders and potential users to obtain key feedback to enhance exploitation opportunities of the SAFEWAY results.					
DCO 3	To transfer knowledge between partners.					
DCO 4	To effectively acquire new skills by users.					
DCO 5	To ensure a broad applicability of the project results taking into consideration regulations and standards.					
DCO 6	To foster SAFEWAY technology acceptance by users.					



Optimized Response to Extreme Events on Terrestrial Transport Networks

Audience

Target groups for dissemination activities

- SAFEWAY Partners
- Industry
- Scientific Community
- Standardisation Organisations
- High-level education
- Stakeholders

Target groups for communication activities

- Young Minds
- Public in General
- Stakeholders (industrial clusters & associations)
- European Research Area
- European Commission, Public Authorities & Policy Makers



Optimized Response to Extreme Events on Terrestrial Transport Networks

Project Identity



Logo colour	Codes:	Reg	Green	Blue
Road, blue		46	33	132
Rail, grey		134	134	134



Optimized Response to Extreme Events on Terrestrial Transport Networks

EU Funding



EU Emblem + funding acknowledgement

"This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No769255."

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Tools

Project Website & Social Media

- https://www.safeway-project.eu/en
- https://twitter.com/SAFEWAY_EU
- https://www.linkedin.com/in/safeway-project-0ba6b717a/



GIS-based Infrastructure Management System for Optimized Response to Extreme Events on Terrestrial Transport Networks



Tweets by @SAFEWAY_EU

SAFEWAY_EU We proudly announced @dem that the new EU H2020 project @SAFEWAY_EU has started.

Sep 26, 2018

SAFEWAY_EU

Spread the news: the #H2020 EU project @SAFEWAY_EU has been kicked off in #Vigo @uvigo Read more on #GIS-based #infrastructure management system at: safeway-project.eu

SAFEWAY

modes of disaster cycle.

GIS-based infrastructure management system for optimized response to extreme events on terrestrial

transport networks. SAFEWAY leads to significantly improved resilience of transport

infrastructures, developing a holistic toolset with transversal application to anticipate and mitigate the effects extreme events at all

According to European TEN-T guidelines, due consideration must be given to the risk assessments and adaptation measures during infrastructure planning, in order to improve resilience to disasters. SAFEWAY's main aim is to design, validate and implement holistic

Latest News

 SAFEWAY website is online Meetings

 Guimarães meeting 20 March 2019 Guimares, Portugal

 SAFEWAY Kick-Off Meeting 13-14 September 2018 University of Vigo, Vigo (Spain)







Tools

Communication materials

- Project brochure
- Project poster
- Project pop-up banner
- Project Standard Presentation
- Project Templates
- Project Leaflet

Dissemination tools

- Project partner's websites
- Internal seminars
- Online training
- SAFEWAY Workshop
- SAFEWAY Webcast
- Scientific Articles in journals
- Technical articles in Infrastructure Management Journals



Tools

Communication and Dissemination events

- Clustering EU-funded projects and initiatives in construction and infrastructure management
- Presentations/lectures/posters in congresses & conferences on Resilience for climate change Adaptation and critical infrastructures
- Organisation of parallel project events
- Attendance to Trade Fairs
- Liaison and collaboration with standardization organisations
- Presentations in events promoted by EU Initiatives
- Promote SAFEWAY results through Enterprise Europe Network to reach SMEs, etc.
- Open Innovation activity to connect the SAFEWAY solutions with other existent tools or processes



Optimized Response to Extreme Events on Terrestrial Transport Networks

Management

Communication between partners

- Follow communication chain to notify technical and communication actions
- Use SharePoint mail groups to communicate at WP, PTC and consortium levels
- Follow the Project Gant Chart in the SharePoint
- Define technical terms in the Glossary

SAFEWAY	safeWay Project	
Home Documents Glossary Tasks Calendar	Documents	Modified
Groups	 00 Templates, manuals, website content and promotion materials 	 June 25, 2018
EDIT LINKS	 O Legal and financial documents O 2 Deliverables and periodic reports O 3 Meetings O 4 Literature and reference documents O 5 WP1 Overall project coordination O 6 WP2 Risk factors and risk analysis O 7 WP3 Multi scale infrastructure modelling and monitoring O 8 WP4 Innovative crowdsourcing concepts O 9 WP5 Predictive models I 0 WP6 Decision support system I 1 WP7 SAFEWAY IT platform prototype I 2 WP8 Action plan for long term resilience I 3 WP9 Demonstrative pilots I 4 WP10 Exploitation, distermination and communication I 5 WP11 Ethics requirements 	June 25, 2018 June 25, 2018





Evaluation

Reporting and KPIs evaluation

- DCP Appendix 1 Dissemination KPIs
- DCP Appendix 2 Communication KPIs
- DCP Appendix 3 Monitoring Tools
 - Record of scientific (peer reviewed) publications
 - Record of dissemination events
 - Post dissemination event sheet
 - Record of other dissemination activities



Deliverable D10.1_V1: Dissemination and Communication Plan Appendix 4a: Quick Guide to DCP







Appendix 5. Standard Project Presentation



Deliverable D10.1: Dissemination and Communication Plan (DCP) V1 Appendix 5: Standard Project Presentation

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 769255. The sole responsibility for the content of this presentation lies with the author. It does not necessarily reflect the opinion of the European Union. Neither the Innovation and Networks Executive Agency (INEA) nor the European Commission are responsible for any use that may be made of the information contained therein.





(Draft)

SAFEWAY Project

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Optimized Response to Extreme Events on Terrestrial Transport Networks

Introduction

CONSORTIUM





Introduction

VISION OF THE PROJECT

- Anticipation, prevention and preparation of critical European transport infrastructures, improving prediction, monitoring and decision tools.
- Recovery on short-term scale by including Big Data and Smart ITC into emergency plans and real-time communication with operators and end users.
- **Resistance** and **absorption** of the damage by impact analysis of different scenarios together with new construction systems.


Optimized Response to Extreme Events on Terrestrial Transport Networks

Introduction

MAIN AIM

SAFEWAY aim is to design, validate and implement holistic methods, strategies, tools and technical interventions to significantly increase the resilience of inland transport infrastructure.

Expected impacts:

- 1) At least 20% improvement in mobility.
- 2) At least **20%** lower cost of infrastructure maintenance.



Optimized Response to Extreme Events on Terrestrial Transport Networks





Optimized Response to Extreme Events on Terrestrial Transport Networks

Project Structure

Working Package Objectives

WP1. Project management (UVIGO & all partners)

- Ensure management and coordination of the Project and its activities

WP2. Risk factors & Risk Analysis (NGI & UMINHO)

- Identification of **risk factors**, **extreme weather** conditions and climate risks
- Analysis of statistics and prediction models (long term and short term)
- Development of guidelines to detect and monitor the signs of occurence of an event

WP3. Multiscale Modelling and monitoring (UVIGO & PNK)

- Multi-scale (satellite and terrestrial remote sensing) monitoring of the infrastructure condition
- Big data approaches to handle huge amounts of information
- Machine learning techniques to automatically feed the infrastructure information models.



Optimized Response to Extreme Events on Terrestrial Transport Networks

Project Structure

Working Package Objectives

WP4. Innovative crowdsourcing concepts (BeTR & TOM2, DEMO, PNK, TOI)

- Deliver traffic information using **alternative sensing approaches** that involve connected vehicles and data shared through social media

WP5. Predictive models (UMINHO & UCAM, NGI)

- Develop **predictive models** considering all dimensions of monitoring efficiently (multi-phsyics, big data, etc.)
- **Climate/metereological** short-term predictive models
- Long-term predictive models for **structures**

WP6. Decision support system (IMC & UMINHO, UCAM, TOI)

- Develop a **decision support framework** to provide:
 - Medium to long-term maintenance, to plan optimal maintenance actions facing extreme event scenarios
 - Short-term action planning, in the case of an inminent sudden event



Optimized Response to Extreme Events on Terrestrial Transport Networks

Project Structure

Working Package Objectives

WP7. IMS-IT Platform prototype (INI & DEMO)

- Develop the **GIS-based Infrastructure Management System** (IMS) which is fed with data provided by previous WP
 - The IMS will implement the services of impact quantification and decision making (short and long term)
 - The IMS will provide information to the users accouting for potentially protective psychological and behavioural variables.

WP8. ACTION PLAN FOR LONG TERM RESILIENCE (Ferrovial & UVIGO, NR, IP)

Address an action plan to ensure the continuation of previous developed essential services, and emergency
management planning to guarantee adequate response procedures in place to deal with climate and man-made
extreme events.



Optimized Response to Extreme Events on Terrestrial Transport Networks

Project Structure

Working Package Objectives

WP9. Demonstrative pilot (IP & NR, FERROVIAL, BeTR)

- Demonstrate the performance of the expert system on real conditions, using four demonstrative pilots (vulnerable áreas in the European core network) to test the SAFEWAY concept under different potential extreme events
 - Infrastructure areas in UK, Portugal, The Netherlands and Spain.

WP10. Dissemination (UVIGO & all partners)

- Manage the dissemination and exploitation of the Project results through public events.
- It is envisaged to obtain an IMS that could be commercialised as cloud software solution.
- A business model could be developed over collected and generated data within the IMS.



Optimized Response to Extreme Events on Terrestrial Transport Networks

Project Structure

Case studies

CASE STUDY 1: PORTUGAL (IP)

- Case study 1 will be carried out in the hot spot surrounding Santarem/Leiría. The events considered in this case study are two natural and man-made hazards: Fires and floods. This case study is specific to enhance emergency responses, inter-modality and behavioural and psychological issues of users.

CASE STUDY 2: Spain (Ferrovial)

- Case studies 2a (Murcia) and 2b (Málaga) correspond to both conventional and high speed railway within the Mediterranean corridor. The events considered are related to natural hazards (due to climate change, floods, storms, etc.) and man-made hazards (fires, crashes, etc.).





Optimized Response to Extreme Events on Terrestrial Transport Networks

Project Structure

Case studies

CASE STUDY 3: United Kingdom (NR)

 Case study 3 will be carried out at the North Sea – Mediterranean corridor operated by NR, specifically in the London-Manchester rail network. This case study will validate solutions developed in WP3, and evaluate risks related to landslides and floods.

CASE STUDY 4: The Netherlands (BeTR)

- Case study 4a will be carried out on the motorway testbed for cooperative and connected driving in the A270 motorway between Eindhoven and Helmond, to simulate the response after a man-made event (truck crash). Case study 4b will be carried out at the Europoort of Rotterdam as it is a multimodal validation scenario to measure the efficiency of SAFEWAY solutions.





Optimized Response to Extreme Events on Terrestrial Transport Networks

Project Outcome

Expected benefits

Robustness

- Infrastructure collapse direct and indirect costs by improving the adaptation to climate change
- 20% savings in maintenance costs by improving the SHM and thus, propose retrofitting renewal of elements
 - **30% budget deviation** in performance within 10 years from project mid-term thanks to proper R&D in ageing infrastructure assets



Optimized Response to Extreme Events on Terrestrial Transport Networks

Project Outcome

Expected benefits

Resourcefulness

Real time data -- Human Sensing and Car Connectivity

50% action time-response in case of emergency -- accurate prediction and human sensing gathered data

Assess risk tolerance using risk analysis with both technical and psychological risk dimensions, minimising bias reactions in socially undesirable ways by evaluating the relevance of the psychometric paradigm



Optimized Response to Extreme Events on Terrestrial Transport Networks

Project Outcome

Expected benefits

Rapid Recovery

25-35% repair or restoration time after hazard, in order to restore damaged infrastructure, where the costs linked to infrastructure assets are most important.

Redundancy

20-30% of mobility effectiveness of users in case of congestion or failures of main route through backup alternatives by enabling instant route optimisation, thanks to user access to real-time information of transport infrastructure conditions



(Draft)

SAFEWAY Project







Appendix 6. Record of Dissemination Events and Activities

Event No.	Type of event (conference, fair, seminar. Workshop, exhibition, etc.)	Event title	Objective	Date	Place	Target groups	SAFEWAY partner contribution (project presentation, poster, brochure, stand, etc.)	Countries addressed	SAFEWAY partner involved	Status (planed, completed)
1	Conference	Transportation Research Board 2019, 98th Annual Meeting	Giving basic information on the goals of SAFEWAY project and distribution of the project leaflets	13/01/ 2019	Washington D.C. USA	Industry, stakeholders, scientific community and higher education	Presentation: Evaluation of Bridge Resilience Prof. Dr. Rade Hajdin, (IMC GmbH Zürich)	International	IMC	Completed
2	Conference	International Association for Bridge and Structural Engineering (IABSE) Conference 2019	Introduction of an idea: Introduction of Evacuee management system Navicuate©	27- 29/03/ 2019	Guimarães	Industry, and Scientific Community	Technical presentation	International	BeTR, Innovactory	Completed
3	Conference	General Assembly 2019 of the European Geosciences Union (EGU2019)	Presentation: Impact of adverse weather related events on terrestrial transportation lines, by Unni Eidsvig and Regula Frauenfelder. The presentation outlines a	7- 12/04/ 2019	Vienna, Austria	Scientific community	Technical presentation	EU-level	NGI	Completed

Table 5: Record of planned and completed dissemination events





Event No.	Type of event (conference, fair, seminar. Workshop, exhibition, etc.)	Event title	Objective	Date	Place	Target groups	SAFEWAY partner contribution (project presentation, poster, brochure, stand, etc.)	Countries addressed	SAFEWAY partner involved	Status (planed, completed)
			framework/workflow for assessment of impact on terrestrial transportation lines consisting of risk identification and assessment of hazard, elements at risk, vulnerability and impact.							
4	Conference	XI National and II International Engineering Thermodynamics Congress	Scientific diffusion in the field of Engineering Thermodynamics.	12- 14/06/ 2019	Albacete, Spain	Scientific community, industry	Article submission: López, J., Eguía, P., Granada, E., Pérez, E., Troncoso, F. Building energy simulation using new interpolated forecast weather datasets. XI National and II International Engineering Thermodynamics Congress, 2019.	International	UVIGO	Planed





Table 6: Record of planned and completed dissemination activities

Activity No.	Type of activity (website, social media, brochure, poster, video, newspaper, etc.)	Link (if applicable)	Objective	Date	Target type of Audience (industry, scientific community, stakeholders, higher- education, etc.)	Target Audience size	SAFEWAY partner contribution (brief description)	SAFEWAY partner involved	Status (planed, complete d)
1	Website	<u>https://biuletyn.imm.</u> <u>com.pl/browser/inter</u> <u>net/6N4XHP/a/i</u>	General information about the project	10/10/ 2018	Stakeholders, Public in general	300	Press release	Budimex and Ferrovial	Completed
2	Press review	https://biuletyn.imm. com.pl/browser/inter net/G22YTL/a/i	General information about the project	05/10/ 2018	Stakeholders, Public in general		Press release	Budimex and Ferrovial	Completed
3	Website	<u>https://biuletyn.imm.</u> <u>com.pl/browser/inter</u> <u>net/4LOYJX/a/i</u>	General information about the project	05/10/ 2018	Stakeholders, Public in general		Press release	Budimex and Ferrovial	Completed
4	Website	https://biuletyn.imm. com.pl/browser/inter net/373R89/a/i	General information about the project	05/10/ 2018	Stakeholders, Public in general	364	Press release	Budimex and Ferrovial	Completed
5	Press review	https://biuletyn.imm. com.pl/browser/inter net/XN0GNH/a/i	General information about the project	05/10/ 2018	Stakeholders, Public in general	644	Press release	Budimex and Ferrovial	Completed
6	Press review	https://biuletyn.imm. com.pl/browser/inter net/BF8QOH/a/i	General information about the project	05/10/ 2018	Stakeholders, Public in general	2,306	Press release	Budimex and Ferrovial	Completed





Activity No.	Type of activity (website, social media, brochure, poster, video, newspaper, etc.)	Link (if applicable)	Objective	Date	Target type of Audience (industry, scientific community, stakeholders, higher- education, etc.)	Target Audience size	SAFEWAY partner contribution (brief description)	SAFEWAY partner involved	Status (planed, complete d)
7	Press review	https://biuletyn.imm. com.pl/browser/inter net/25IKZX/a/i	General information about the project	05/10/ 2018	Stakeholders, Public in general	8,520	Press release	Budimex and Ferrovial	Completed
8	Press review	https://biuletyn.imm. com.pl/browser/inter net/4P9FCH/a/i	General information about the project	05/10/ 2018	Stakeholders, Public in general	19,952	Press release	Budimex and Ferrovial	Completed
9	Press review	https://biuletyn.imm. com.pl/browser/inter net/9NEQ95/a/i	General information about the project	05/10/ 2018	Stakeholders, Public in general		Press release	Budimex and Ferrovial	Completed
10	Press review	https://biuletyn.imm. com.pl/browser/inter net/DKRTT9/a/i	General information about the project	05/10/ 2018	Stakeholders, Public in general	5,778	Press release	Budimex and Ferrovial	Completed
11	Website	https://biuletyn.imm. com.pl/browser/inter net/5VJTG9/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general		Press release	Budimex and Ferrovial	Completed
12	Press review	https://biuletyn.imm. com.pl/browser/inter net/DJR47H/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	19,952	Press release	Budimex and Ferrovial	Completed
13	Press review	https://biuletyn.imm. com.pl/browser/inter net/ENOE9T/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	2,306	Press release	Budimex and Ferrovial	Completed





Activity No.	Type of activity (website, social media, brochure, poster, video, newspaper, etc.)	Link (if applicable)	Objective	Date	Target type of Audience (industry, scientific community, stakeholders, higher- education, etc.)	Target Audience size	SAFEWAY partner contribution (brief description)	SAFEWAY partner involved	Status (planed, complete d)
14	Website	<u>https://biuletyn.imm.</u> <u>com.pl/browser/inter</u> <u>net/GYCVPP/a/i</u>	General information about the project	04/10/ 2018	Stakeholders, Public in general	1,335	Press release	Budimex and Ferrovial	Completed
15	Website	https://biuletyn.imm. com.pl/browser/inter net/KSWPEP/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	1,335	Press release	Budimex and Ferrovial	Completed
16	Website	https://biuletyn.imm. com.pl/browser/inter net/1SY6B1/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general		Press release	Budimex and Ferrovial	Completed
17	Website	https://biuletyn.imm. com.pl/browser/inter net/LTZCX5/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	804	Press release	Budimex and Ferrovial	Completed
18	Website	https://biuletyn.imm. com.pl/browser/inter net/8N5WWD/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	804	Press release	Budimex and Ferrovial	Completed
19	Website	<u>https://biuletyn.imm.</u> <u>com.pl/browser/inter</u> <u>net/N4EF89/a/i</u>	General information about the project	04/10/ 2018	Stakeholders, Public in general	366	Press release	Budimex and Ferrovial	Completed
20	Website	https://biuletyn.imm. com.pl/browser/inter net/ORZVAL/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	366	Press release	Budimex and Ferrovial	Completed





Activity No.	Type of activity (website, social media, brochure, poster, video, newspaper, etc.)	Link (if applicable)	Objective	Date	Target type of Audience (industry, scientific community, stakeholders, higher- education, etc.)	Target Audience size	SAFEWAY partner contribution (brief description)	SAFEWAY partner involved	Status (planed, complete d)
21	Website	<u>https://biuletyn.imm.</u> <u>com.pl/browser/inter</u> <u>net/96CQEL/a/i</u>	General information about the project	04/10/ 2018	Stakeholders, Public in general		Press release	Budimex and Ferrovial	Completed
22	Website	<u>https://biuletyn.imm.</u> <u>com.pl/browser/inter</u> <u>net/PVIP9T/a/i</u>	General information about the project	04/10/ 2018	Stakeholders, Public in general	4,633	Press release	Budimex and Ferrovial	Completed
23	Website	https://biuletyn.imm. com.pl/browser/inter net/MYA51P/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	5,778	Press release	Budimex and Ferrovial	Completed
24	Website	https://biuletyn.imm. com.pl/browser/inter net/23UN61/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	1,298	Press release	Budimex and Ferrovial	Completed
25	Website	https://biuletyn.imm. com.pl/browser/inter net/44HW0H/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	2,306	Press release	Budimex and Ferrovial	Completed
26	Website	https://biuletyn.imm. com.pl/browser/inter net/MY4WO5/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	5,109	Press release	Budimex and Ferrovial	Completed
27	Website	https://biuletyn.imm. com.pl/browser/inter net/S5DJH5/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general		Press release	Budimex and Ferrovial	Completed





Activity No.	Type of activity (website, social media, brochure, poster, video, newspaper, etc.)	Link (if applicable)	Objective	Date	Target type of Audience (industry, scientific community, stakeholders, higher- education, etc.)	Target Audience size	SAFEWAY partner contribution (brief description)	SAFEWAY partner involved	Status (planed, complete d)
28	Website	https://biuletyn.imm. com.pl/browser/inter net/M50SOL/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	19,952	Press release	Budimex and Ferrovial	Completed
29	Website	https://biuletyn.imm. com.pl/browser/inter net/Y3009/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	8,520	Press release	Budimex and Ferrovial	Completed
30	Website	https://biuletyn.imm. com.pl/browser/inter net/D1HNUT/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	644	Press release	Budimex and Ferrovial	Completed
31	Website	https://biuletyn.imm. com.pl/browser/inter net/NM9TA9/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	10,256	Press release	Budimex and Ferrovial	Completed
32	Website	https://biuletyn.imm. com.pl/browser/inter net/KUTX1/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	154	Press release	Budimex and Ferrovial	Completed
33	Website	https://biuletyn.imm. com.pl/browser/inter net/WC87X5/a/i	General information about the project	10/10/ 2018	Stakeholders, Public in general	300	Press release	Budimex and Ferrovial	Completed
34	Press review	https://biuletyn.imm. com.pl/browser/inter net/83Q2FH/a/i	General information about the project	05/10/ 2018	Stakeholders, Public in general		Press release	Budimex and Ferrovial	Completed





Activity No.	Type of activity (website, social media, brochure, poster, video, newspaper, etc.)	Link (if applicable)	Objective	Date	Target type of Audience (industry, scientific community, stakeholders, higher- education, etc.)	Target Audience size	SAFEWAY partner contribution (brief description)	SAFEWAY partner involved	Status (planed, complete d)
35	Website	https://biuletyn.imm. com.pl/browser/inter net/816QV5/a/i	General information about the project	05/10/ 2018	Stakeholders, Public in general		Press release	Budimex and Ferrovial	Completed
36	Website	https://biuletyn.imm. com.pl/browser/inter net/GX3UJ1/a/i	General information about the project	05/10/ 2018	Stakeholders, Public in general	364	Press release	Budimex and Ferrovial	Completed
37	Press review	https://biuletyn.imm. com.pl/browser/inter net/RRVJMP/a/i	General information about the project	05/10/ 2018	Stakeholders, Public in general	644	Press release	Budimex and Ferrovial	Completed
38	Press review	https://biuletyn.imm. com.pl/browser/inter net/XEF371/a/i	General information about the project	05/10/ 2018	Stakeholders, Public in general	2,306	Press release	Budimex and Ferrovial	Completed
39	Press review	https://biuletyn.imm. com.pl/browser/inter net/4GFUAX/a/i	General information about the project	05/10/ 2018	Stakeholders, Public in general	8,520	Press release	Budimex and Ferrovial	Completed
40	Press review	https://biuletyn.imm. com.pl/browser/inter net/UE14P9/a/i	General information about the project	05/10/ 2018	Stakeholders, Public in general	19,952	Press release	Budimex and Ferrovial	Completed
41	Press review	https://biuletyn.imm. com.pl/browser/inter net/5ZUK0H/a/i	General information about the project	05/10/ 2018	Stakeholders, Public in general	5,778	Press release	Budimex and Ferrovial	Completed





Activity No.	Type of activity (website, social media, brochure, poster, video, newspaper, etc.)	Link (if applicable)	Objective	Date	Target type of Audience (industry, scientific community, stakeholders, higher- education, etc.)	Target Audience size	SAFEWAY partner contribution (brief description)	SAFEWAY partner involved	Status (planed, complete d)
42	Website	https://biuletyn.imm. com.pl/browser/inter net/XP3WH9/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general		Press release	Budimex and Ferrovial	Completed
43	Press review	https://biuletyn.imm. com.pl/browser/inter net/J4184X/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	19,952	Press release	Budimex and Ferrovial	Completed
44	Press review	https://biuletyn.imm. com.pl/browser/inter net/CSG571/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	2,306	Press release	Budimex and Ferrovial	Completed
45	Website	https://biuletyn.imm. com.pl/browser/inter net/OYNLAH/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	1,335	Press release	Budimex and Ferrovial	Completed
46	Website	<u>https://biuletyn.imm.</u> <u>com.pl/browser/inter</u> <u>net/ONPFPP/a/i</u>	General information about the project	04/10/ 2018	Stakeholders, Public in general	1,335	Press release	Budimex and Ferrovial	Completed
47	Website	https://biuletyn.imm. com.pl/browser/inter net/VGDNO9/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general		Press release	Budimex and Ferrovial	Completed
48	Website	https://biuletyn.imm. com.pl/browser/inter net/9FSZCD/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	804	Press release	Budimex and Ferrovial	Completed





Activity No.	Type of activity (website, social media, brochure, poster, video, newspaper, etc.)	Link (if applicable)	Objective	Date	Target type of Audience (industry, scientific community, stakeholders, higher- education, etc.)	Target Audience size	SAFEWAY partner contribution (brief description)	SAFEWAY partner involved	Status (planed, complete d)
49	Website	<u>https://biuletyn.imm.</u> <u>com.pl/browser/inter</u> <u>net/GNGPSX/a/i</u>	General information about the project	04/10/ 2018	Stakeholders, Public in general	804	Press release	Budimex and Ferrovial	Completed
50	Website	https://biuletyn.imm. com.pl/browser/inter net/RTSQCT/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	366	Press release	Budimex and Ferrovial	Completed
51	Website	https://biuletyn.imm. com.pl/browser/inter net/3IHIGX/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	366	Press release	Budimex and Ferrovial	Completed
52	Website	https://biuletyn.imm. com.pl/browser/inter net/MXAYX5/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general		Press release	Budimex and Ferrovial	Completed
53	Website	https://biuletyn.imm. com.pl/browser/inter net/LLIJCD/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	4,633	Press release	Budimex and Ferrovial	Completed
54	Website	https://biuletyn.imm. com.pl/browser/inter net/O2QVFD/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	5,778	Press release	Budimex and Ferrovial	Completed
55	Website	https://biuletyn.imm. com.pl/browser/inter net/TYNV0T/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	1,298	Press release	Budimex and Ferrovial	Completed





Activity No.	Type of activity (website, social media, brochure, poster, video, newspaper, etc.)	Link (if applicable)	Objective	Date	Target type of Audience (industry, scientific community, stakeholders, higher- education, etc.)	Target Audience size	SAFEWAY partner contribution (brief description)	SAFEWAY partner involved	Status (planed, complete d)
56	Website	<u>https://biuletyn.imm.</u> <u>com.pl/browser/inter</u> <u>net/NWT4GH/a/i</u>	General information about the project	04/10/ 2018	Stakeholders, Public in general	2,306	Press release	Budimex and Ferrovial	Completed
57	Website	https://biuletyn.imm. com.pl/browser/inter net/O3Y4SL/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	5,109	Press release	Budimex and Ferrovial	Completed
58	Website	https://biuletyn.imm. com.pl/browser/inter net/U8XC9L/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general		Press release	Budimex and Ferrovial	Completed
59	Website	https://biuletyn.imm. com.pl/browser/inter net/RT5051/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	19,952	Press release	Budimex and Ferrovial	Completed
60	Website	https://biuletyn.imm. com.pl/browser/inter net/1SOM3T/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	8,520	Press release	Budimex and Ferrovial	Completed
61	Website	<u>https://biuletyn.imm.</u> <u>com.pl/browser/inter</u> <u>net/E9TG11/a/i</u>	General information about the project	04/10/ 2018	Stakeholders, Public in general	644	Press release	Budimex and Ferrovial	Completed
62	Website	https://biuletyn.imm. com.pl/browser/inter net/VYK2JL/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	10,256	Press release	Budimex and Ferrovial	Completed





Activity No.	Type of activity (website, social media, brochure, poster, video, newspaper, etc.)	Link (if applicable)	Objective	Date	Target type of Audience (industry, scientific community, stakeholders, higher- education, etc.)	Target Audience size	SAFEWAY partner contribution (brief description)	SAFEWAY partner involved	Status (planed, complete d)
63	Website	https://biuletyn.imm. com.pl/browser/inter net/WEGFED/a/i	General information about the project	04/10/ 2018	Stakeholders, Public in general	154	Press release	Budimex and Ferrovial	Completed
64	Social networking websites	<u>https://biuletyn.imm.</u> <u>com.pl/browser/inter</u> <u>net/CGP8NL/a/f</u>	General information about the project	11/10/ 2018	Stakeholders, Public in general	1,501	Post on Facebook	Budimex and Ferrovial	Completed
65	Social networking websites	<u>https://biuletyn.imm.</u> <u>com.pl/browser/inter</u> <u>net/SZXBGT/a/f</u>	General information about the project	04/10/ 2018	Stakeholders, Public in general	2,509	Linked article https://www.rynekinfrastr uktury.pl/wiadomosci/dro gi/budimex-w- miedzynarodowym- projekcie- infrastrukturalnym- safeway-64552.html	Budimex and Ferrovial	Completed
66	Social networking websites	<u>https://biuletyn.imm.</u> <u>com.pl/browser/inter</u> <u>net/KWHR0X/a/f</u>	General information about the project	04/10/ 2018	Stakeholders, Public in general	1,624	Linked article https://www.budimex.pl/ pl/o- budimex/aktualnosci/proj ekt-infrastrukturalny- safeway.html	Budimex and Ferrovial	Completed
67	Social networking websites	https://biuletyn.imm. com.pl/browser/inter net/S0Q4X1/a/f	General information	04/10/ 2018	Stakeholders, Public in general	604	Post on Facebook	Budimex and Ferrovial	Completed





Activity No.	Type of activity (website, social media, brochure, poster, video, newspaper, etc.)	Link (if applicable)	Objective	Date	Target type of Audience (industry, scientific community, stakeholders, higher- education, etc.)	Target Audience size	SAFEWAY partner contribution (brief description)	SAFEWAY partner involved	Status (planed, complete d)
			about the project						
68	Social networking websites	<u>https://biuletyn.imm.</u> <u>com.pl/browser/inter</u> <u>net/JFIFOP/a/f</u>	General information about the project	11/10/ 2018	Stakeholders, Public in general	1,501	Post on Facebook	Budimex and Ferrovial	Completed
69	Social networking websites	<u>https://biuletyn.imm.</u> <u>com.pl/browser/inter</u> <u>net/WSHRJH/a/f</u>	General information about the project	04/10/ 2018	Stakeholders, Public in general	2,509	Linked article: https://www.rynekinfrastr uktury.pl/wiadomosci/dro gi/budimex-w- miedzynarodowym- projekcie- infrastrukturalnym- safeway-64552.html	Budimex and Ferrovial	Completed
70	Social networking websites	<u>https://biuletyn.imm.</u> <u>com.pl/browser/inter</u> <u>net/UQB649/a/f</u>	General information about the project	04/10/ 2018	Stakeholders, Public in general	1,624	Linked article: <u>https://www.budimex.pl/</u> <u>pl/o-</u> <u>budimex/aktualnosci/proj</u> <u>ekt-infrastrukturalny-</u> <u>safeway.html</u>	Budimex and Ferrovial	Completed
71	Social networking websites	https://biuletyn.imm. com.pl/browser/inter net/5F466D/a/f	General information about the project	04/10/ 2018	Stakeholders, Public in general	604	Post on Facebook	Budimex and Ferrovial	Completed





Activity No.	Type of activity (website, social media, brochure, poster, video, newspaper, etc.)	Link (if applicable)	Objective	Date	Target type of Audience (industry, scientific community, stakeholders, higher- education, etc.)	Target Audience size	SAFEWAY partner contribution (brief description)	SAFEWAY partner involved	Status (planed, complete d)
72	Social networking websites	<u>https://biuletyn.imm.</u> <u>com.pl/browser/inter</u> <u>net/4W6YO7/a/b</u>	General information about the project	16/10/ 2018	Stakeholders, Public in general	204	Linked article: https://media.budimex.pl /pr/405600/budimex- zaangazowany-w- miedzynarodowy-projekt- unii-europejskiej-safewa	Budimex and Ferrovial	Completed
73	Social networking websites	https://biuletyn.imm. com.pl/browser/inter net/R16K49/a/b	General information about the project	05/10/ 2018	Stakeholders, Public in general	75	Post on Instagram	Budimex and Ferrovial	Completed
74	Social networking websites	<u>https://biuletyn.imm.</u> <u>com.pl/browser/inter</u> <u>net/4BMN0T/a/b</u>	General information about the project	04/10/ 2018	Stakeholders, Public in general	346	Linked article: <u>http://inwestorzy.tv/budi</u> <u>mex-wezmie-udzial-</u> <u>projekcie-rzecz-</u> <u>bezpieczenstwa-</u> <u>transportu-safeway/</u>	Budimex and Ferrovial	Completed
75	Social networking websites	https://biuletyn.imm. com.pl/browser/inter net/GJ9CQP/a/b	General information about the project	04/10/ 2018	Stakeholders, Public in general	279	Post on Instagram	Budimex and Ferrovial	Completed
76	Social networking websites	<u>https://biuletyn.imm.</u> <u>com.pl/browser/inter</u> <u>net/6IODED/a/b</u>	General information about the project	04/10/ 2018	Stakeholders, Public in general	168	Linked article: https://media.budimex.pl /pr/405600/budimex- zaangazowany-w- miedzynarodowy-projekt- unii-europejskiej-safewa	Budimex and Ferrovial	Completed





Activity No.	Type of activity (website, social media, brochure, poster, video, newspaper, etc.)	Link (if applicable)	Objective	Date	Target type of Audience (industry, scientific community, stakeholders, higher- education, etc.)	Target Audience size	SAFEWAY partner contribution (brief description)	SAFEWAY partner involved	Status (planed, complete d)
77	Social networking websites	https://biuletyn.imm. com.pl/browser/inter net/4GTKSN/a/b	General information about the project	16/10/ 2018	Stakeholders, Public in general	204	Linked article: https://media.budimex.pl /pr/405600/budimex- zaangazowany-w- miedzynarodowy-projekt- unii-europejskiej-safewa	Budimex and Ferrovial	Completed
78	Social networking websites	https://biuletyn.imm. com.pl/browser/inter net/IJSKGD/a/b	General information about the project	05/10/ 2018	Stakeholders, Public in general	75	Post on Instagram	Budimex and Ferrovial	Completed
79	Social networking websites	<u>https://biuletyn.imm.</u> <u>com.pl/browser/inter</u> <u>net/DNPG2P/a/b</u>	General information about the project	04/10/ 2018	Stakeholders, Public in general	346	Linked article: <u>http://inwestorzy.tv/budi</u> <u>mex-wezmie-udzial-</u> <u>projekcie-rzecz-</u> <u>bezpieczenstwa-</u> <u>transportu-safeway/</u>	Budimex and Ferrovial	Completed
80	Social networking websites	https://biuletyn.imm. com.pl/browser/inter net/LQDOIH/a/b	General information about the project	04/10/ 2018	Stakeholders, Public in general	279	Post on twitter	Budimex and Ferrovial	Completed
81	Social networking websites	<u>https://biuletyn.imm.</u> <u>com.pl/browser/inter</u> <u>net/TDZ7G5/a/b</u>	General information about the project	04/10/ 2018	Stakeholders, Public in general	168	Linked article: <u>https://media.budimex.pl</u> <u>/pr/405600/budimex-</u> <u>zaangazowany-w-</u> <u>miedzynarodowy-projekt-</u> <u>unii-europejskiej-safewa</u>	Budimex and Ferrovial	Completed
82	Website	https://newsroom.fer rovial.com/en/news/	General information	04/10/ 2018	Stakeholders, Public in general		Press release	Ferrovial	Completed





Activity No.	Type of activity (website, social media, brochure, poster, video, newspaper, etc.)	Link (if applicable)	Objective	Date	Target type of Audience (industry, scientific community, stakeholders, higher- education, etc.)	Target Audience size	SAFEWAY partner contribution (brief description)	SAFEWAY partner involved	Status (planed, complete d)
		<u>safeway-horizon-</u> 2020/	about the project						
83	Mails and Newsletters		Disseminati on of the Project focused on Insitu role.	13/09/ 2018	Stakeholders, Industry	50	Newsletter and mails	Insitu	Completed
84	Mails and Newsletters		Disseminati on of the Project focused on Insitu role.	25/10/ 2018	Stakeholders, Industry	50	Newsletter and mails	Insitu	Completed
85	Mails and Newsletters		Disseminati on of the Project focused on Insitu role.	22/11/ 2018	Stakeholders, Industry	50	Newsletter and mails	Insitu	Completed
86	Mails and Newsletters		Disseminati on of the Project focused on Insitu role.	21/12/ 2018	Stakeholders, Industry	50	Newsletter and mails	Insitu	Completed
87	Mails and Newsletters		Disseminati on of the Project focused on Insitu role.	23/01/ 2019	Stakeholders, Industry	50	Newsletter and mails	Insitu	Completed





Activity No.	Type of activity (website, social media, brochure, poster, video, newspaper, etc.)	Link (if applicable)	Objective	Date	Target type of Audience (industry, scientific community, stakeholders, higher- education, etc.)	Target Audience size	SAFEWAY partner contribution (brief description)	SAFEWAY partner involved	Status (planed, complete d)
88	Mails and Newsletters		Disseminati on of the Project focused on Insitu role.	19/02/ 2019	Stakeholders, Industry	50	Newsletter and mails	Insitu	Completed
89	Newspaper	https://www.uvigo.g al/sites/uvigo.gal/file s/contents/clipping/2 018-07/f200718.jpg	General information about the project	19/07/ 2018	Public in general	238,698	Press release	UVIGO	Completed
90	Newspaper	https://www.uvigo.g al/sites/uvigo.gal/file s/contents/clipping/2 018-07/a200718.jpg	General information about the project	19/07/ 2018	Public in general		Press release	UVIGO	Completed
91	Newspaper	https://www.uviqo.q al/sites/uvigo.gal/file s/contents/clipping/2 018-07/v200718.jpg	General information about the project	19/07/ 2018	Public in general	556,962	Press release	UVIGO	Completed
92	Newspaper	https://www.uviqo.q al/sites/uviqo.gal/file s/contents/clipping/2 018-07/r200718.jpg	General information about the project	19/07/ 2018	Public in general	79,566	Press release	UVIGO	Completed
93	Newspaper	https://www.uviqo.q al/sites/uviqo.gal/file s/contents/clipping/2 018-07/c200718.jpq	General information about the project	19/07/ 2018	Public in general	79,566	Press release	UVIGO	Completed
94	Newspaper	https://www.europap ress.es/galicia/notici a-uvigo-coordina-	General information	19/07/ 2018	Public in general		Press release	UVIGO	Completed





Activity No.	Type of activity (website, social media, brochure, poster, video, newspaper, etc.)	Link (if applicable)	Objective	Date	Target type of Audience (industry, scientific community, stakeholders, higher- education, etc.)	Target Audience size	SAFEWAY partner contribution (brief description)	SAFEWAY partner involved	Status (planed, complete d)
		proyecto-europeo- prevenir-riesgos- incendios-seismos- crear-materiales- autorreparables- 20180719134024.ht ml	about the project						
95	Newspaper	http://www.galiciaco nfidencial.com/notici a/75922-uvigo- coordina-proxecto- europeo-previr- riscos-incendios-ou- sismos	General information about the project	19/07/ 2018	Public in general		Press release	UVIGO	Completed
96	Newspaper	https://www.20minu tos.es/noticia/33989 58/0/uvigo-coordina- proyecto-europeo- para-prevenir- riesgos-como- incendios-seismos- crear-materiales- autorreparables/	General information about the project	19/07/ 2018	Public in general	1,373,592	Press release	UVIGO	Completed
97	Newspaper	www.finanzas.com/n oticias/empresas/201 80719/materiales- inteligentes-data- para-3878133.html	General information about the project	19/07/ 2018	Public in general		Press release	UVIGO	Completed





Activity No.	Type of activity (website, social media, brochure, poster, video, newspaper, etc.)	Link (if applicable)	Objective	Date	Target type of Audience (industry, scientific community, stakeholders, higher- education, etc.)	Target Audience size	SAFEWAY partner contribution (brief description)	SAFEWAY partner involved	Status (planed, complete d)
98	Newspaper	https://cadenaser.co m/emisora/2018/07/ 19/radio vigo/15320 00285 396107.html	General information about the project	19/07/ 2018	Public in general		Press release	UVIGO	Completed
99	Newspaper	http://www.crtvg.es/ informativos/a- universidade-de- vigo-presentou-o- proxecto-safeway- un-sistema-para- mellorar-a- circulacion-nas- estradas-en- condicions-adversas- <u>3845984</u>	General information about the project	19/07/ 2018	Public in general	596,745	Press release	UVIGO	Completed
100	Newspaper	https://www.uvigo.g al/sites/uvigo.gal/file s/contents/clipping/2 018-09/f180918.jpg	General information about the project	17/09/ 2018	Public in general	238,698	Press release	UVIGO	Completed
101	Newspaper	https://www.uvigo.g al/sites/uvigo.gal/file s/contents/clipping/2 018-09/a180918.jpg	General information about the project	17/09/ 2018	Public in general		Press release	UVIGO	Completed
102	Website	https://www.uvigo.g al/universidade/com unicacion/duvi/vigo- acolle-reunion- lanzamento-	General information about the project	17/09/ 2018	Public in general		Press release	UVIGO	Completed





Activity No.	Type of activity (website, social media, brochure, poster, video, newspaper, etc.)	Link (if applicable)	Objective	Date	Target type of Audience (industry, scientific community, stakeholders, higher- education, etc.)	Target Audience size	SAFEWAY partner contribution (brief description)	SAFEWAY partner involved	Status (planed, complete d)
		<u>proxecto-europeo-</u> <u>safeway</u>							
103	Newspaper	https://www.uvigo.g al/sites/uvigo.gal/file s/contents/clipping/2 018- 09/universitasad200 918.pdf	General information about the project	20/09/ 2018	Public in general		Press release	UVIGO	Completed
104	Meeting		Clustering activities	11/09/ 2018	scientific community	4	Presentation of SAFEWAY project	UVIGO	Completed
105	Meeting		Clustering activities	30/10/ 2018	scientific community	1	Presentation of SAFEWAY project	UVIGO	Completed
106	Meeting		Clustering activities	22/10/ 2018	scientific community	1	Presentation of SAFEWAY project	UVIGO	Completed
107	Meeting		Clustering activities	23/04/ 2019	scientific community, stakeholders	6	Presentation of SAFEWAY project	UVIGO	Completed