D7.1 – Web Site of the Project

Project name

Asset Level Modelling of RISKs In the Face of Climate Induced Extreme Events and ADAPTtation (RISKADAPT)

D7.1 – Web Site of the Project	
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0.4	31/03/2023	RISA	Review and update
1.0	31/03/2023	RISA	Submission

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Table of Contents

Contents

Table of Contents

List of Figures

List of Abbreviations and Acronyms

Abbreviation	Meaning
EU	European Union
WP	Work Package
URL	Uniform Resource Locator

Executive Summary

Deliverable 7.1 "Website of the project" is one of the nine Deliverables of WP7 "Dissemination, Communication, Exploitation, Standardisation, Contribution to Policy" and is related to Tasks T7.1 "T7.1 Dissemination and Communication Plan/Activities" (RISA). This document aims to provide an overview of the RISKADAPT project website. In doing this, a short description of the website, as well as its structure and content (at the time of writing this report) are provided.

The website provides the main point of initial contact and information to the public and to other researchers. The primary goals of the website are to share information regarding the project's scope, reflect the project's brand identity on the website, grab visitor's attention, make navigation between the website's sections easy for all users and give them a reason to stay within the first seconds.

The first draft of the website (www.riskadapt.eu) was launched in the first month of the project in order to promote its objectives. In this first stage, the basic information of the project was inserted so as to create initial content. Modifications and improvements (provided by all partners, according to their role in the project and facilitated by RISKADAPT) will be made in future to address any needs not identified at this stage of the project. According to what is requested in WP7, the website has been designed to be professional, user friendly, accessible, crawlable, responsive and simple.

1. Introduction

The RISKADAPT website is designed to disseminate the project's work to the public and to the scientific community. The main objective of this report is to provide a description of the content and structure of the RISKADAPT website. The scope of the website is to disseminate relevant project information, as well as the project's activities and foreseen actions, allowing the different types of users to navigate easily and accurately across the sections. It will be constantly updated with material from the meetings, newsletters, publications, photos and news. It will be the tool that enables communication between the partners, stakeholders and the public interested to the project progress and outcomes. The RISKADAPT website (www.riskadapt.eu) is designed to act as the major platform with information for the users and stakeholders on the RISKADAPT objectives and goals, activities, achievements and services of the project.

1.1 Purpose of the deliverable

Deliverable 7.1 "Website of the project" (Task 7.1-WP7) presents the RISKADAPT website's concept, its structure and main elements. The primary goal of the RISKADAPT website is to serve as a central focal point for a clear communication and wide dissemination of the project news, activities, outputs and results, while at the same time provide an accurate reflection of the RISKADAPT's brand identity in a visually attractive and engaging manner.

The first draft of the website (www.riskadapt.eu) is launched in month 1 of the project in order to promote its objectives. In this first stage, we included basic yet pertinent information about the project in order to create initial content that will later become a dynamic and up to date content (non-technical to ensure comprehension by non-experts), provided by all partners, according to their role in the project and facilitated by RISKADAPT.

1.2 Structure of the deliverable

The deliverable is structured in the following way:

- In chapter 1, the introduction is provided.
- In chapter 2 the RISKADAPT logo is presented.
- In chapter 3, the content of the website is presented with screenshots and description of the website's homepage, main menu sections, footer and social media.
- In chapter 4 the conclusions are presented.

1.3 Intended audience

The current deliverable is a public document according to the project's Description of Action (DoA). Thus, its intended audience is not limited only to project's partners and officer but it extends outside the consortium.

2. RISKADAPT brand

2.1 Project Logo

The RISKADAPT logo (figure 1) attempts to communicate the projects core values by utilizing three main visual elements: colour, text and symbols. The logo consists of five colours (figure 2), or four in case the backround white colour is removed, in order to be used transparently. The colors used are the following ones: dark blue - for the part "RISK", light blue - for the "S" of the part "RISK", a neutral black - for the vertical and horizontal line and for the phrase: "Modeling of Risks and Adaptation", green - for the "ADAPT" part and a neutral white - for the backround.

The main idea is that the major part of the logo is the name of the project ("RiskAdapt") and consists of the combination of two parts: *"Risk"* that refers to risk analysis and *"Adapt"* which refers to adaptation. As an explanation, comes the phrase "Modeling of risks and adaptation", which specifies the title of the project and makes it more accessible to a broader audience. On a symbolic level the 'S' curve has a double function. On the one hand, it resembles a river, therefore it promotes the environmental awareness and values of the project. On the other hand, it is also an "S" curve (the risk of a structure over time is usually depicted by a "S-curve"). The reference comes with the vertical and horizontal line, which in turn reinforces in a subtle way the idea of modeling of risk.

Figure 1: RISKADAPT logo

2.2 Minimum size

At the minimum size, the master logo should always be used in full. All elements must appear in relation to each other as designed. No variation of proportion or position should occur.

2.3 Colour combination

Color code	Color code	Color code	Color code	Color code
RGB: 0,6,75	RGB: 112,193,232	RGB: 146,159,81	RGB: 255,255,255	RGB: 0,0,0
HEX: #02084b	HEX: #70c1e8	HEX: #929f51	HEX: #ffffff	HEX: #1a1d1a

Figure 2: RISKADAPT colour combination

3. Content of the Website

In the following Sections, the structure of the website will be presented and described.

3.1 Home Page

The home page of the website is the opening page and its goals are usually to welcome and guide the visitors further into the website.

On the "Home" page a description of the project is reported showing the main objectives of the project, useful for navigators to have an idea on the themes of the project. Scrolling the page, each work package (WP) is presented inside rectangles with images showing the themes of the project. By clicking on each rectangle, you will see the name of the project coordinator and access a more detailed description of the WP via the "view" button. At the bottom of the home page, finally, the logos of the partners are displayed, and if the visitor clicks on each of them is redirected to the corresponding partners website.

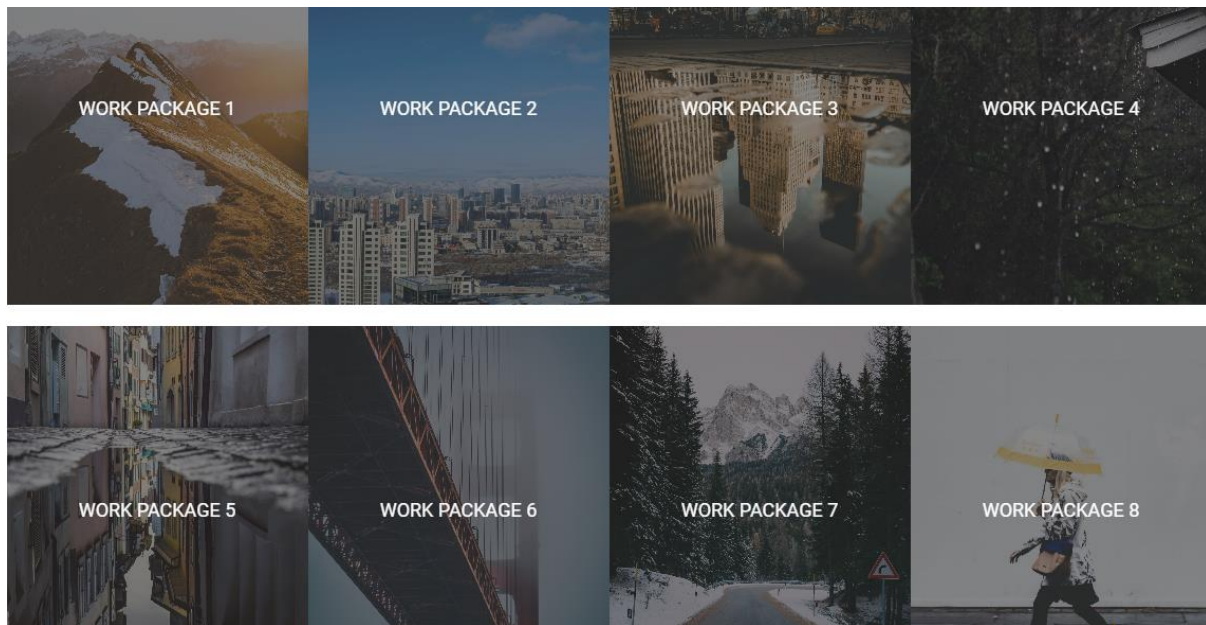Figure 3 shows the different sections of the homepage.

Asset Level Modelling of RISKs in the Face of Climate Induced Extreme Events and ADAPtation

RISKADAPT will provide, in close cooperation with the end-users/other stakeholders, a novel, integrated, modular, interoperable, public and free, customizable user-friendly platform (PRISKADAPT), to support systemic, risk-informed decisions regarding adaptation to CC induced compound events at the asset level, focusing on the structural system. PRISKADAPT will explicitly model dependencies between infrastructures, which, inter alia, will provide a better understanding of the nexus between climate hazards and social vulnerabilities and resilience. Moreover, this project will identify gaps in data and propose ways to overcome them and advance the state of the art of asset level modelling through advanced climate science to predict CC forcing on the structure of interest, structural analyses, customized to the specific structure of interest, that consider all major CC induced load effects

in tandem with material deterioration, novel probabilistic environmental life cycle assessment (LCA) and life cycle cost (LCC) of structural adaptation measures and a new model to assess climate risk that will combine technical risk assessment with assessment of social risks. PRISKADAPT will provide values to a set of indicators for each asset of interest, quantifying primary parameters and impacts, in the form of a Model Information System (MIS) that will provide all required information for adaptation decisions. PRISKADAPT will be implemented in the case studies in the pilots that involve specific assets, however, it will permit customization with local values of parameters and data, so it can be applicable throughout Europe for CC adaptation decisions involving assets of similar function, exposed to multiple climate hazards.

Figure 3: Home Page

3.2 Main Menu Sections

Menu navigation supports the user find content and it should be user friendly and intuitive. When looking at RISKADAPT website, it should be easy to navigate and have a great experience. RISKADAPT site is science-specific but, it's also important not to help the user understand what the project does.

The first priority was to consider the type of menu navigation, language and labelling. The menu is horizontal so that it has high visibility as well as usability, as shown in figure 4. A horizontal main menu can affect in a positive way the traffic and conversions. Additionally, it is in-tune with the way that people read on the web.
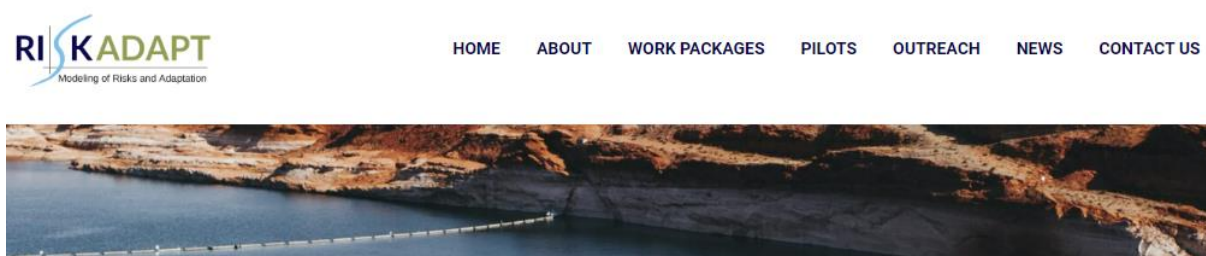

Figure 4: Main menu

3.3 "About" main menu section

The Main Menu item "**About**" illustrates detailed information on RISKADAPT project. The sub-section "Fast Facts" reveals the main funding information of the project such as: starting date, duration, EC contribution etc. (figure 5).

Fast Facts

ASSET Level Modelling of RISKs In the Face oF Climate Induced Extreme Events and ADAPtation.

Project number: 101093939

Starting date → 01.01.2023

Project information → 36 months | 18 partners | EU contribution 2.533.536,00 €

Call (part) identifier →HORIZON-MISS-2021-CLIMA-02

Topic → HORIZON-MISS-2021-CLIMA-02-03

Type of action: HORIZON-RIA

Coordinator → RISA Sicherheitsanalysen GmbH (RISA)

EU Project Officer → Stefaan Bil

Figure 5: "About" webpage

3.3.1 "Work Packages" Section

The Main Menu item **"Work Packages"** introduces the Work Packages of the RISKADAPT project. The project is structured into eight work packages which are described in detail. ~~which are presented in this Section.~~ In figure 6 an example of the page is shown.

WP7

Dissemination,Communication,Exploitation, Standardisation, Contribution to Policy / RINA-C

Create and enhance visibility of the project and its outputs to pave the way for wide-spread acceptance and implementation of results. Develop and apply exploitation strategies for the results. Carry out the RISKADAPT preliminary standardization activities and contribute to relevant European policies.

WP8

Ethics requirements / RISA

The objective is to ensure compliance with the 'ethics requirements' set out in this work package.

Figure 6: "Work Packages" webpage

3.3.2 "Pilots" main menu section

The Main Menu item "Pilots" introduces the pilots of the RISKADAPT project.

In specific, "Pilots" item provides information about the activity and the main objectives for each of the four pilots of the project. Figure 7 shows the description of one of the project's pilots as shown in the website.

Pilot 2 (Finland)

The second pilot in RISKADAPT project focuses on the vulnerability of energy transmission grid in a Nordic climate. In specific, Fingrid, which is the company responsible for the power transmission in Finland, provides a typical configuration of a power transmission line and corresponding transmission tower models that are used in Finland, which as a Nordic country is characterized by adverse winter conditions with large amounts of snow and ice accretion on the exposed members of structures. ERRA performs the probabilistic structural analyses of the towers against wind and icing loadings. Based on the structural analyses, the vulnerability of the transmission line due to extreme weather conditions is estimated taking also into account the output provided by FMI on the severity and timing of high winds combined also with icing. Furthermore, the use of adaptation options, such as use of High Strength Steel (HSS) and FRP stripes will be investigated. Similarly to pilot 1, the BIM system will estimate embodied emissions and costs of the adaptation solutions, while the engineering and social risks and impacts will be evaluated by the RISKADAPT integrated platform and the Model Information System. Finally in this pilot, FMI studies the CC impacts for extreme icing and wind conditions on corona discharge losses in electricity transmission.

Figure 7: "Pilots" webpage

3.3.3 "Outreach" main menu section

In the Main Menu section **"Outreach",** access is provided to the various communication materials produced by the project including the project brochure and flyer (figure 8). Also, promotional videos of the project activities and partner's profiles are under development with an ultimate scope to boost the dissemination of the project to possible external stakeholders and general audience.

📄 **Brochures and Leaflets**

RISKADAPT BROCHURE

RISKADAPT FLYER

Figure 8: "Outreach" webpage

3.3.4 "News" main menu section

As the communication activities are essential for maximizing the dissemination and impact of RISKADAPT project, the **"News"** Main Menu dedicated section will provide the opportunity to various stakeholders to obtain information on the dissemination activities (conferences, workshops, upcoming events, etc.) carried out by the project. It will also give more detailed information on announcements of workshops and special sessions in scientific conferences and meetings and announcements of activities open to the public (e.g. press conferences). Furthermore, external stakeholders will have access to photos, presentations, videos produced in the framework of the events organised or attended by the project. At the time of writing this deliverable, the "News" section includes information about the project's kick off meeting held in Athens in January 2023 (Figure 9).

All the highlights of the project will be announced through this webpage. Press releases and articles appearing in specialised magazines/journals and/or national media will be also included.

In each announcement, important keywords (tags), of what the post is about, will be added to improve the website's search engine optimization ranking and encourage users to click through and read the content.

Overall, this section is expected to maximise the visibility and impact of the project, through the efficient communication of the project's progress to the stakeholder community.

RISKADAPT
Modeling of Risks and Adaptation

HOME   **ABOUT**   **WORK PACKAGES**   **PILOTS**   **OUTREACH**   **NEWS**   **CONTACT US**

By admin   In Completed Projects   Posted February 10, 2023   0 Comment(s)

Launch of the new Horizon Europe project RISKADAPT

17 partners from 9 countries participated in the physical kick-off meeting of the new horizon project RISKADAPT, held in 26th of January 2023.

Figure 9: "News" webpage

3.3.5 "Contact us" main menu section

The Main Menu item "**Contact Us**" provides RISKADAPT's main contact details. A contact form is also available and gives user the opportunity to communicate easily and fast with RISKADAPT team (figure 10).
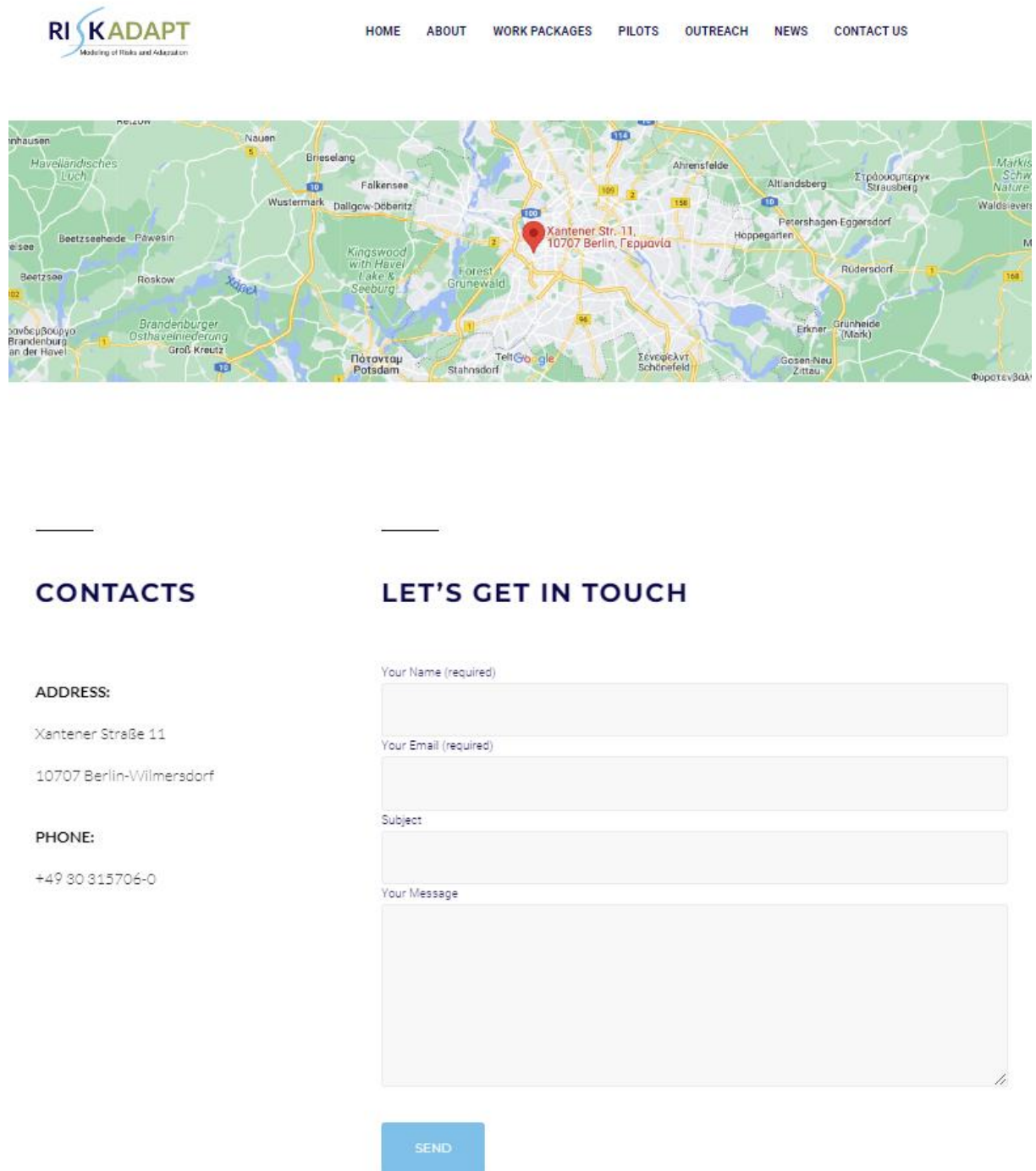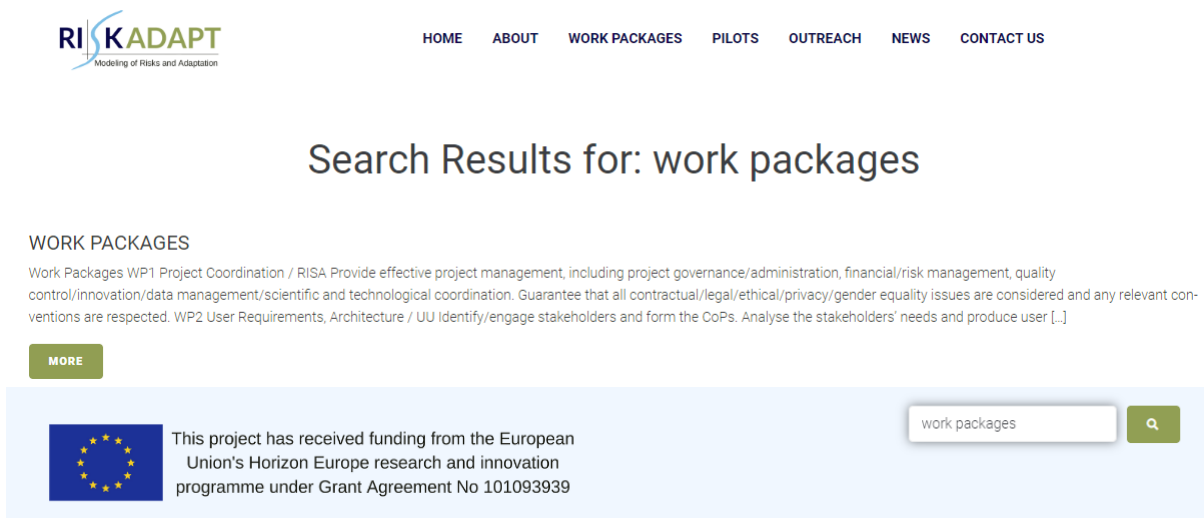

Figure 10: "Contact us" webpage

3.4 Footer and Search Tool

The website's footer provides site visitors with a sense of consistency, as it will appear with the same information at the bottom of every page of the site (figure 11). In order to maintain visitor engagement, secondary site navigation is a useful item (even if it duplicates the header menu). A well-crafted, cohesive website footer can have a greater impact on user engagement than any other area of the website.

Figure 11: Webpage's footer

A search tool is available at the footer from the website pages. In 2 a representation of how it can be used, is displayed.

Figure 112: "Search tool" webpage

3.5 Social Media

3.5.1 LinkedIn

A LinkedIn company page called RISKADAPT has been created and launched on 20th of January 2023. It can be accessible at the following link https://www.linkedin.com/company/riskadapt/. All project announcements and updates will be shared with the followers and visitors through this page.

3.5.2 YouTube

A YouTube channel, called RISKADAPT project, will present the videos that will be created throughout the duration of the project. The URL for the channel is:

https://www.youtube.com/channel/UCc4n3z9R7aBNtCHwxaLKLlA

4. Conclusions

The purpose of the present document was to present and describe the RISKADAPT project's website. As the project evolves, the content of the website will get regularly updated, by the communication and dissemination manager, the coordinating team of the project, and all partners, so as to keep visitors informed about RISKADAPT's progress.

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