

FIREURISK - DEVELOPING A HOLISTIC, RISK-WISE STRATEGY FOR EUROPEAN WILDFIRE MANAGEMENT

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v.1.0	28/10/2022	Stefan Doerr	Internal review and approval review by the QRB
v.1.0	30/10/22	Vasileios Kazoukas	Security board review

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Executive Summary

This document corresponds to Deliverable **D5.5 - Design plan for Pilot Sites and Pan-European Demonstrations**. The period for the actions reported to be implemented covers from September 2022 to the end of March 2025 (M18-M48).

This report develops a plan to carry out the FirEURisk Demonstration Events (DE) in coordination with Pilot Sites leaders. The organization details of the events include general and specific logistics including the potential location, agenda, remote connection instructions, in-situ materials needed, field work objectives and schedule (if any), expected contributing entities, special health security instructions (if any), etc.

This document is part of a list of eight deliverables dedicated to the management of DE (Task 5.2). The information provided in this report will be updated and completed according to the needs of each DE, see Table Table 1-1.

Table 1-1: Deliverables for the Demonstration Events and their conclusions

Deliverable reference	Deliverable name	Leader	Delivery date
D5.5	Design plan for Pilot Sites and Pan-European Demonstrations	GMV	30 Sep 2022 **M18**
D5.6.1	Report of FirEURisk North Europe Pilot Site Demonstration	RISE	31 Jul 2023 **M28**
D5.6.2	Report of FirEURisk Central-Eastern Europe Pilot Site Demonstration	TUD	31 Oct 2023 **M31**
D5.6.3	Report of FirEURisk Mediterranean (Portugal) Pilot Site Demonstration	ADAI	31 Jan 2024 **M34**
D5.6.4	Report of FirEURisk Mediterranean (Spain) Pilot Site Demonstration	UdL	30 Apr 2024 **M37**
D5.6.5	Report of FirEURisk Mediterranean (Greece) Pilot Site Demonstration	KEMEA	31 Jul 2024 **M40**
D5.6.6	Report of FirEURisk Pan-European scale Demonstration	UAH/ADAI	30 Nov 2024 **M44**
D5.7	Position paper on the results for fire risk assessment, reduction and adaptation	GMV	28 Feb 2025 **M47**

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List of Applicable documents

Table 1-2: List of Applicable documents

Ref.	Title	Code	Version	Date
[AD.1]	FirEURisk - developing a holistic, risk-wise strategy for European wildfire management	SEP-210687640	ver 1.0	02/09/2020
[AD.2]	FirEURisk Grant Agreement	101003890	ver 1.0	10/05/2021
[AD.3]	D5.4 Management and action plan for End-users involvement in pilots and demos	D5.4	ver 1.0	31/05/2021

List of Acronyms

Table 1-3: List of Acronyms

List of Acronyms	
CPF	Centre de la Propietat Forestal
DE	Demonstration Event
DIBA	Diputació de Barcelona
ET / EUT	European Territory
EUAB	End-Users Advisory Board
MS	Microsoft
PS	Pilot Site
SC	Steering Committee
TBD	To Be Defined
WP	Work Package
WUI	Wildland-Urban Interface

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1 Introduction

1.1 Purpose of the document

The results of FirEURisk will be showcased in **six Demonstration Events (DE)** across Europe. This document includes details of the design plan to organise and carry out these events **between 2023 and 2024**.

According to the Grant Agreement, partners leading each PS will organise the DE with the support of the activity coordinator GMV, in the format and with the combination of the most suitable activities for [AD.2]:

1) Clearly targeting PS end-users' needs and requirements.
2) Clearly demonstrating the fire risk assessment, reduction, and adaptation products.
3) Establishing the field demonstration logistics, if required.
4) Ensuring that all demonstration products are reachable through WP4 platform.
5) Procuring remote connection means for other FirEURisk partners and end-users to attend the online event.
6) Planning active participation of attendees (e.g., live questionnaires and feedback via Mentimeter, feedback working groups, etc.)
7) Facilitating on-site/on-line product validation templates to the attendees so that, at least a preliminary qualitative/quantitative validation of the products is done during the DE.

The same criteria and method will be followed for the ET upscaling DE, which will be organised at the premises of any EU stakeholders engaged in the project. Maximum institutional and international impact will be sought in this demonstration.

The organisation of DE in PS and EUT aims at engaging target users in outreach and training activities to consolidate their needs and receive feedback on the project's outcomes as well as to involve stakeholders in co-designing the FirEURisk conceptual framework and co-developing and testing the project's systems. The definition of an action plan to manage and involve End-users in FirEURisk activities is crucial to ensuring the smooth integration of FirEURisk products, assessing the suitability of the products to tackle stakeholders' needs, and fostering fruitful interactions between the consortium and End-users [AD.3].

This action plan aims to mitigate potential risks that may prevent the successful implementation of DEs [AD.1]:

Table 1-1: Mitigation actions of A5.2.1

#ID	Risk	Mitigation action
16	Limited demonstrations in the operational environment	• Schedule demonstrations early and in detail • Identify barriers and constraints
18	Unavailability of end-users to sustain the demos impact	• Details of the logistics shall be discussed with the EUAB to tailor the agenda of the event to end-users' needs and availability
19	Low attendance in Pilot implementation and evaluation	• The project has been frequently disseminated through different communication channels

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#ID	Risk	Mitigation action
		• A large number of representative target audiences shall be addressed • The EUAB shall help identify and reach local stakeholders to maximise their involvement and participation • The materials of the demonstration events will be translated if necessary to improve participation

1.2 Structure of the Document

This document is structured according to:

- In Section 1, (present chapter), we define the purpose and structure of the document.
- In Section 2, we present the design plan for organising the DEs covering the following items: potential location, objectives, invitation protocol, agenda, considerations for the demonstration event set up, and logistics in each region.
- In Section 3, we summarise the main conclusions of the report.

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2 Design plan for organising the Demonstration Events

2.1 Location

DE will take place in five PS in Northern, Central-Eastern, Mediterranean Europe, and a Pan-European scale demonstration to showcase the scalability of the proposed solutions. PS cover a variety of wildfire risk conditions.

The host regions are (see Figure 2-1):

- **PS1 - North Europe**: Kalmar County in Sweden, whose leading institution is RISE.
- **PS2 - Central-Eastern Europe**: Southern Brandenburg and Eastern Saxony in Germany, North Bohemia in Czechia, Lower Silesia in Poland. The leading institution is TUD.
- **PS3 - Mediterranean (Portugal)**: Central Region of Portugal whose leading institution is ADAI.
- **PS4 - Mediterranean (Spain)**: Collserola Natural Park, Barcelona Province whose leading institution is UdL.
- **PS5 - Mediterranean (Greece)**: Eastern Attica Region whose leading institution is KEMEA.
- **EUT - Pan-European scale** whose leading institutions are UAH and ADAI.

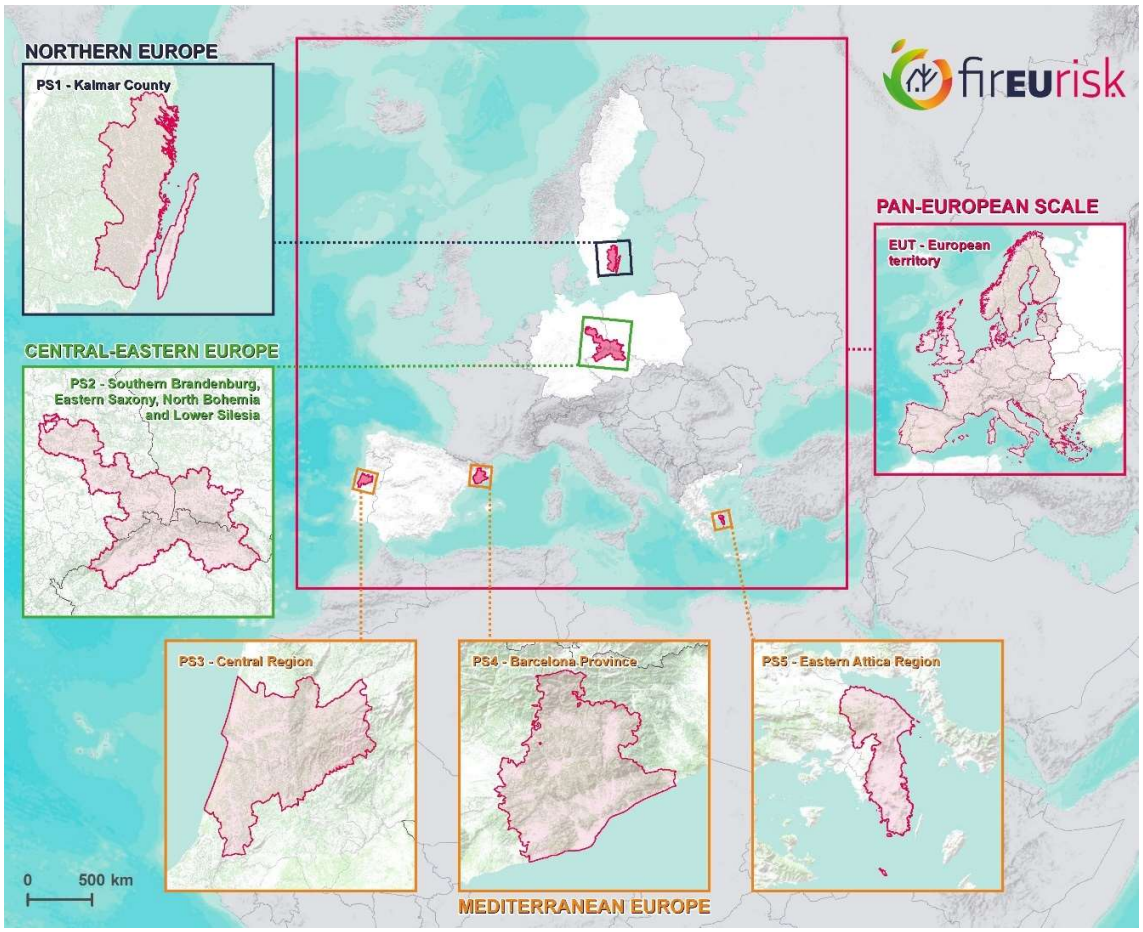


Figure 2-1: Locations of the Pilot Sites and Pan-European areas

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In 2023, there will be a DE in Northern Europe by Summer, and another one in Central-Eastern Europe by Autumn. In 2024, there will be four demonstration events in the following order: Portugal, Spain, Greece, and Italy (Pan-European). The **potential venues** of the events are listed in Table 2-1:

Table 2-1: Potential Venues of the Demonstration Events

Pilot Site	Leader	Potential Venue
PS1 - North Europe	**RISE**	There are three possible venues to hold the DE. 1. RISE facilities in Kista, North Stockholm. 2. At the Civil Contingency Agency (MSB) in central Stockholm 3. At Hotel Munken, along the main highway in Kalmar län. All these are available at the moment.
PS2 - Central-Eastern Europe	**TUD**	The DE will be held in: • Krkonoše National Park in Czechia, dependent of data available • Sächsische Schweitz National Park in Germany • Brandenburg in Germany
PS3 – Mediterranean (Portugal)	**ADAI**	The intention is that this event will take place in the Mechanical Engineering Auditorium of the Faculty of Sciences of the University of Coimbra. This is an auditorium with wireless network, with a capacity for 130 people comfortably seated. It has multimedia equipment that allows presentations with good sound quality, and images and videos in various formats - these features will allow the event to take place in a hybrid format, i.e., in person and remotely. In addition, next to the auditorium there are rooms that will support secretarial activities such as registration, reception, distribution of materials, etc. There is also a glassed-in room, with doors to the outside, which is excellent for holding the coffee-break. ADAI has been holding this type of events in this auditorium for several years. It was considered to hold this event with an in-situ demonstration in the PS area, however, the unpredictable weather on the date of the event (Winter Season) made us opt for an indoor space, such the auditorium, thus ensuring greater comfort for participants. Therefore, the demonstrations will be achieved mainly through images and videos.
PS4 – Mediterranean (Spain)	**UdL**	The potential venue of Mediterranean-Spain Demonstration Event will be defined later. The event will be decided by UdL jointly with the co-organiser as Diputació de Barcelona, DIBA or Forest Ownership Centre of Catalonia (Centre de la Propietat Forestal, CPF).
PS5 – Mediterranean (Greece)	**KEMEA**	The current planning foresees that the Municipality of Rafina-Pikermi (Eastern Attica) will host the event in their premises. The organisation will be prepared in close collaboration with the person in charge for the Civil Protection issues in the Municipality. Alternatively, as venue may be used a nearby hotel that will have the required facilities.
EUT - European Union Territory	**UAH / ADAI**	The intention is to carry out this demonstration activity at the premises of the Joint Research Centre in Ispra (Italy). The University of Alcalá is currently in communication with JRC to confirm this venue. Should it not be possible to carry out the DE at JRC, it will be done at UAH premises, or carried out in a webinar format.

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2.2 Objectives of the demonstration events in each location

The DE will aim to **showcase FirEURisk products focused on specific drivers** (Table 2-2). Stakeholders from different communities will be invited to attend DE to provide feedback: scientists, first responders, landowners/managers, policy and regulation makers, industrial stakeholders, civil society organisations, risk prevention experts, and general public. The objectives in each location have been defined according to the interest that target audiences expressed in the *User Needs Survey.*

Table 2-2: Main drivers to be showcased per region

Pilot Site	Leader	Driver User Needs Survey
PS1 - North Europe	**RISE**	Future fire risk scenarios
PS2 - Central-Eastern Europe	**TUD**	Transboundary cascading effects Potentially to include fuel loads and future scenarios
PS3 – Mediterranean (Portugal)	**ADAI**	Fire risk reduction and prevention, forest management, fire behaviour modelling, WUI fire risk characterization
PS4 – Mediterranean (Spain)	**UdL**	Fire danger assessment, WUI vulnerability and reduction
PS5 – Mediterranean (Greece)	**KEMEA**	Catastrophic peri-urban wildfires
EUT - European Union Territory	**UAH / ADAI**	Fire risk assessment (WP1), reduction (WP2), adaptation (WP3) and integration (WP4). Based on results from survey

The main results of *User Needs Survey* are summarised below. The number of responses of end-users was very unevenly distributed among the regions. A total of 86 responses to the survey were recorded. End-users showed the following interest in the DE (Figure 2-2): 27 end-users were interested in PS3 followed by the EUT (21 responses), and PS4 (17 responses). A low number of responses were collected in PS5 (4 answers), PS2 (8 answers), and PS1 (9 responses). The survey is still open, and therefore, these results may change. The agenda of the DEs will be adjusted accordingly.

Figure 2-2 illustrates the number of audiences in each PS. As shown in the legend, each audience is represented by one colour. The number of responses received from some target audiences is very low. Especially, industrial stakeholders, civil organisations, and general public. We will try to increase the number of responses as much as possible in each PS before the DE. The most represented target audiences are the scientific community (24%), first responders (23%), and policy and regulation-makers (19%).

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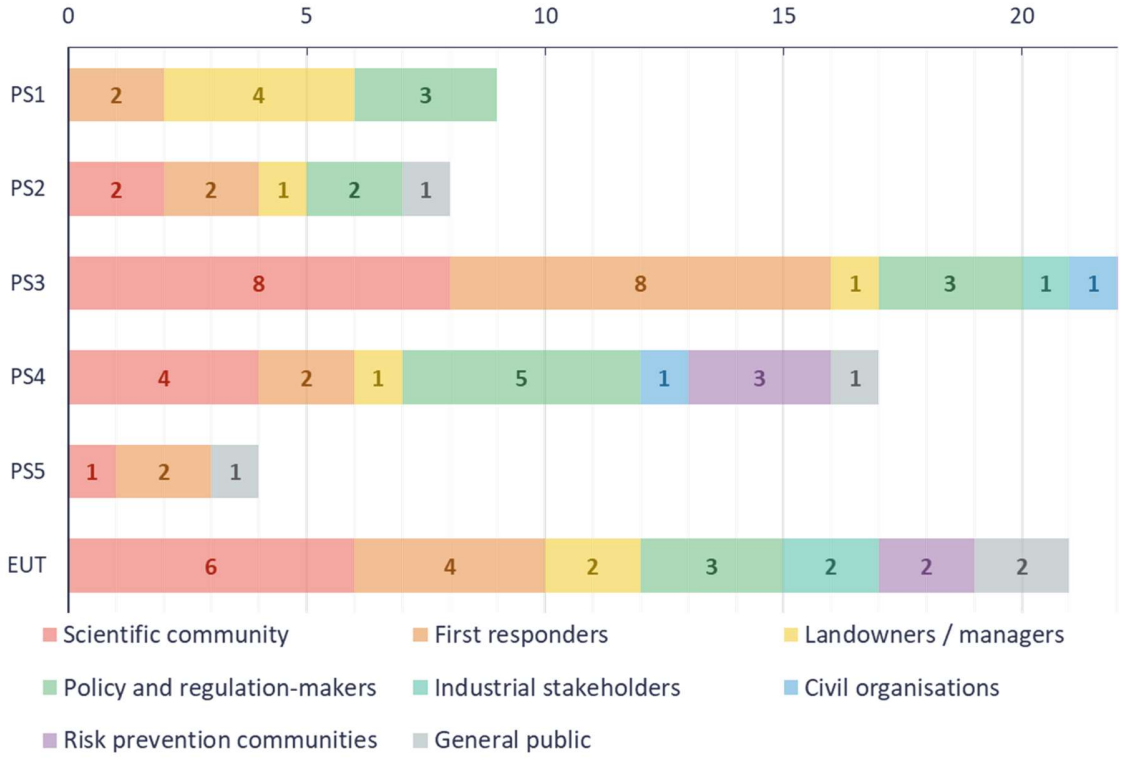


Figure 2-2: Bar chart showing frequency of target audiences expressed in the User Needs Survey by each PS.

The analysis of the results per PS is:

- In PS1, three groups of end-users provided responses, i.e., first responders, policy and regulation makers, and landowners / managers. More answers are necessary to derive conclusions.
- In PS2, 25% of the answers are provided by first responders, the scientific community, and policy and regulation-makers. The remaining responses belong to landowners/managers and the general public with 13% each.
- In PS3, the scientific community and first responders account for 60% of the answers, followed by risk prevention communities with 19%, and policy and regulation-makers with 11%.
- In PS4, 29% of those surveyed belong to policy and regulation-makers, followed by the scientific community with 24%, risk prevention communities with 18% and first responders 12%.
- In PS5, 50% of the answers belong to first responders, followed by the scientific community and the general public. As in PS1, we expect that more responses will modify this tendency.
- The target audiences mostly interested in the EUT are the scientific community (29%), first responders (19%), policy and regulation-makers (14%).

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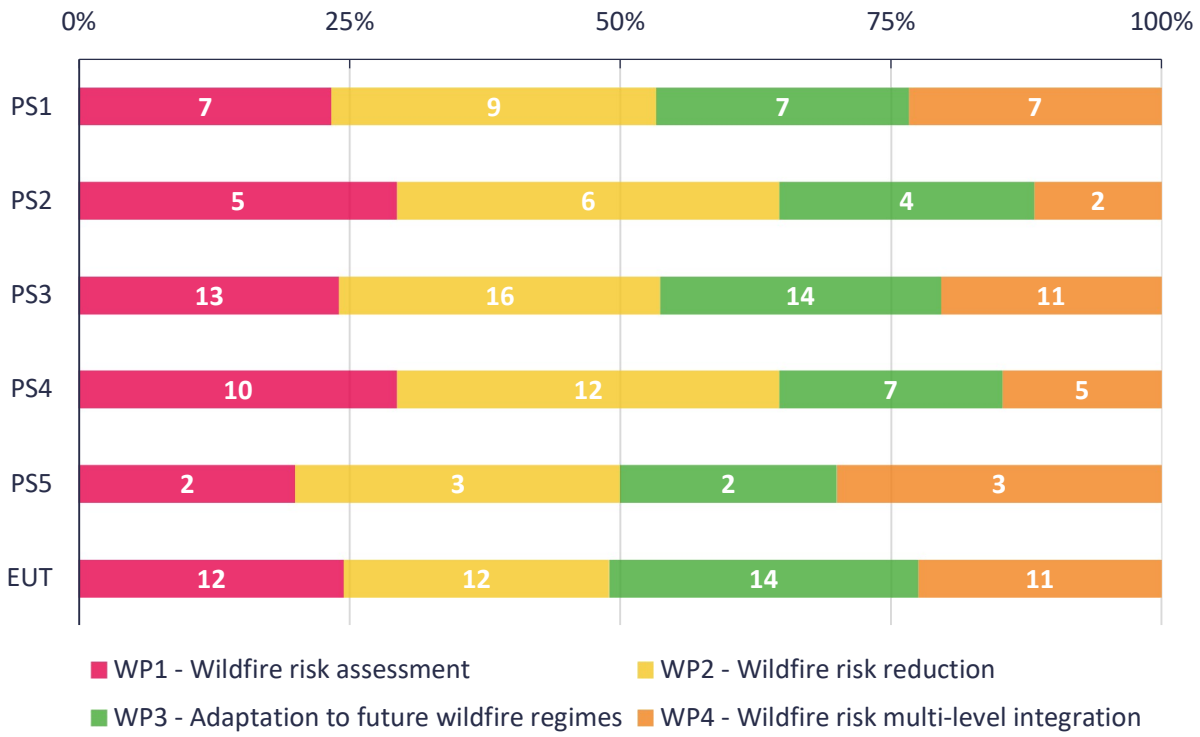


Figure 2-3: Pie chart of WPs expressed in the User Needs Survey by each PS.

In Figure 2-3, we show the interest of End-users in each WP per region. End-users could be engaged in more than one WP. The highest interest is in WP2 with 30%, followed closely by WP1 and WP3 with 25%, and WP4 with 20%. By region:

- In PS1, End-users are mostly interested in wildfire risk reduction (WP2, 30%), followed by the remaining WPs with 23% of the responses each.
- In PS2, responders are mainly interested in wildfire risk reduction (WP2, 35%), followed by wildfire risk assessment (WP1, 29%), and adaptation to future wildfire regimes (WP3, 24%).
- The distribution is quite balanced in PS3, being the WP2 the favourite with 30% of answers, followed by WP3 with 26%, WP1 with 24% and WP4 with 20%.
- In PS4, end-users are mainly interested in WP2 and WP1 (35% and 29% respectively), followed by WP3 (21%) and WP4 (15%).
- In PS5, the number of responses received are similarly distributed, being wildfire risk reduction (WP2) and the risk multi-level integration (WP4) the most relevant topics with 30% of the responses each, followed by the wildfire risk assessment and adaptation to future wildfire regimes (WP1 and WP3 with 20% respectively).
- End-users interested in the EUT are mostly interested in WP3 with 29% of the responses, followed by WP1 and WP2 with 24% of the responses and risk multi-level integration (22%).

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2.3 Invitation protocol

The coordination team formed by the SC, WP5 and PS leaders will work together to send a formal invitation to the workshop. The PS leaders will contact experts directly (under the coordination of the SC and the WP leader) to invite them to the DE. Target audiences invited to the events will include members and representatives of the following sectors: scientific community, first responders, landowners/managers, policy- and regulation- makers, industrial stakeholders, civil society organisations, risk prevention communities, and general public.
The **formal invitations** for each event should include:

- **Presentation of the host** (and organizers, if any) **and H2020 FirEURisk project**. It is suggested to incorporate a link to the project website: https://fireurisk.eu/.
- **Description and the goals of the events**, which explain the drivers to be showcased in the demonstration. Also, it will highlight what will be obtained from the event (i.e., expert network) and what is expected of attendees (i.e., validation of results in the region).
- **Event particulars**, including location and date when the event will take place. Attaching the agenda of the DE if desired.
- DE will be held in a **hybrid format**, remote and physical. The participation of End-users will be promoted through interactive tools to evaluate the results regardless the participation format.
- **Registration**, containing contact details such as name, organisation, and email address. The enrolment form shall specify if the attendee will be following the event in person or remotely. **Data protection** is required in the registration form, and personal data will be gathered according to data protection legislation in the European Union.
- **RSVP deadline**. It must be made sufficiently in advance to be able to organise the logistics of the event.

2.4 Agenda

The **agenda** in each location has been defined according to Section 2.2 and the interest that target audiences expressed in the *User Needs Survey*. This *Survey* was circulated to identify problems and needs on wildfire prevention and protection such as wildfire risk assessment, wildfire risk reduction, adaptation to future wildfire regimes, and wildfire risk multi-level integration.

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The **tentative dates** for DE are concretised in Table 2-3. Dates may be modified following recommendations of the organisation, but the implementation will never exceed the demonstration reporting period.

Table 2-3: Tentative dates of the Demonstration Events

Location	Tentative dates
PS1- North Europe	**Before Jul 2023**
PS2 - Central-Eastern Europe	**Before Oct 2023**
PS3 – Mediterranean (Portugal)	**Before Jan 2024**
PS4 – Mediterranean (Spain)	**Before Apr 2024**
PS5 – Mediterranean (Greece)	**Before Jul 2024**
EUT - European Union Territory	**Before Nov 2024**

The agendas included in this section are preliminary, the organisation will confirm the final version and could modify them prior to the event, if necessary. Attendees will be informed accordingly in due time. DEs can be different from each other, but all of them shall include the accomplishment of the validation process and evaluation protocol of FirEURisk products. The following tables concretise the proposed agendas for each of the events, specifying duration, topics to be covered, and speakers. These tables include main topics to be considered and will be modified before the DEs according to the regional end-user needs identified through the End-user needs survey

Table 2-4: Agenda PS1, North Europe

Duration	Topic	Speaker
00:10	Introduction	RISE
0:20	FirEURisk concept	SC/GMV
01:00	Product portfolio: Historic and future fire danger and land use in Sweden	RISE/Senckenberg/VUA
00:30	Break	
00:30	Product portfolio: LMS for European boreal/hemiboreal	RISE/Other interested partners
00:20	Product portfolio: WUI map of Sweden	RISE/UH
00:40	Product portfolio: Strengthening the resilience of the Swedish WUI	RISE/ADAI
01:00	Lunch	
01:00	Discussion	End-users
00:30	Validation protocol	End-user
00:15	Traceability between needs and delivered products	GMV

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Duration	Topic	Speaker
00:30	Future work from MSB and FirEUrisk	GMV/MSB

Table 2-5: Agenda PS2, Central-Eastern Europe

Duration	Topic	Speaker
00:30	Introduction	TUD
02:00	Product Demonstrations	Product Developers (or TUD depending on ease of use/understandability)
00:30	Break	All
01:00	Discussion of existing products	End-users
00:45	Evaluation of Products	End-user
00:30	Discussion and introduction to products still being developed	TUD
0:30	Validation protocol	
	Closure	

Table 2-6: Agenda PS3, Mediterranean (Portugal)

Duration	Topic	Speaker
00:15	Welcome; Introduction to the workshop and dynamics	ADAI
00:15	FirEUrisk concept	SC
00:15	General product portfolio	REEFMC
00:25	The Pilot Site; Selection of products from the portfolio	ADAI
00:25	Showcase PS products	Partners (products' developers)
00:20	Coffee Break	
00:30	Validation protocol	TUD
00:10	Traceability between needs and delivered products	GMV
00:45	Debate	ADAI (moderation)

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Duration	Topic	Speaker
01:05	Closure	SC / ADAI

Table 2-7: Agenda PS4, Mediterranean (Spain)

Duration	Topic	Speaker
00:30	Introduction	UDL
02:00	Product Demonstrations for Fire danger assessment, WUI vulnerability and reduction	Product Developers (or UdL depending on ease of use/understandability)
00:30	Break	All
01:00	Discussion of existing products	End-users
00:45	Evaluation of Products / Validation protocol	End-user
00:30	Suggestions for new products still being developed	UDL/DIBA/All
	Closure	

Table 2-8: Agenda PS5, Mediterranean (Greece)

Duration	Topic	Speaker
00:15	Welcome; Introduction to the workshop methodology and scope	KEMEA
00:15	FirEURisk concept & Introduction to what will be demonstrated	KEMEA/AUTH
02:00	Product Demonstrations	Product Developers (to be facilitated by KEMEA for language communication purposes)
00:30	Break	All
01:00	Discussion on the demonstrated developments	End-users
00:45	Evaluation of the demonstrated solutions (filling questionnaire) / Validation protocol	End-users
01:00 – 01:30	Suggestions for new developments to be considered	KEMEA/AUTH/SATWAYS/All
	Closure	

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Table 2-9: Agenda EUT, European Union Territory

Duration	Topic	Speaker
DAY 1		
00:30	Introduction	UAH-ADAI
01:30	Fire risk assessment to improve prevention	UdL, Meteogrid, HU, UAH
00:30	Break	
00:30 - 01:00	Discussion of products	All
01:00	Risk reduction to improve protection	SAFE CLUSTER, CNR, STICHTING VU, ADAI, UAH
01:30	Break	
01:00	Risk reduction to improve protection	SAFE CLUSTER, CNR, STICHTING VU, ADAI, UAH
00:30 - 01:00	Discussion of products / Validation protocol	All
DAY 2		
01:30	Adaptation to future fire regimes	PIK, SGN, IRD, ISIG
00:30	Break	
00:30 - 01:00	Discussion of products	All
01:00	Multi-level integration	TUD, ADAI, SAFE CLUSTER
01:30	Break	
00:30	Multi-level integration	TUD, ADAI, SAFE CLUSTER
00:30 - 01:00	Discussion of products / Validation protocol	All
00:30	Closure	All

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2.5 Demonstration event set up

The **FirEUrisk consortium will show preliminary results in six DE**. The consortium aims to reach a minimum number of 20 attendees per DE. Since these results are subject to validation, the DE will be accessible only through personal invitation and open only for registered stakeholders. The logistics of the event will be dimensioned according to the number of people with an attendance confirmation. The consortium will start to circulate the invitation to each event well in advance, at least 3 months before the date of the DE. A *Contact Form* will be sent together with the invitation to gather registered participants and inform them about their rights regarding personal data protection.
Specific dissemination materials will be prepared for target audiences in collaboration with WP6 leaders and the Dissemination and Exploitation Board. These materials will include information about the objective of the event and how stakeholders could benefit from participating.

The format of the events will be hybrid to give interested stakeholders the possibility of following the event either remotely or in person. The online participation will be facilitated through one of the most commonly used videoconference platforms according to local infrastructure, e.g., MS TEAMS, ZOOM, GotoMeeting, GotoWebinar.

Interactive activities will be organised to keep the conversation with stakeholders alive. **Their contribution will be collected and organised through a set of interactive activities adapted to the number of participants and the objectives of the sessions in each location**. The following formats and platforms will be considered for the development of ***interactive activities***:

- World café format: small discussions to receive feedback on presented results (e.g., parallel sessions)
- Collaborative panel for brainstorming (e.g., Miro, Conceptboard)
- Online Q&A (e.g., Mentimeter)
- Online forms to fill validation reports (e.g., Google, other national tools).

A brief synthesis of the main characteristics of those tools are listed below:

Table 2-10: Interactive tools characteristics proposed

Tools	License (pricing)	Proposed plan	Features	Number of participants	Export results	Notes
Micro	Link	Free	• Limited visitors and guests • 3 editable boards • Premade templates • Core integrations • Roles for collaboration only for members • Basic attention management	Unlimited team members	Basic board exports	*Free education account to staff members and students of educational institutions (link).*
Concept board	Link	Free	• Unlimited editable boards • 100 objects per Board • Only reader and reviewer roles for board visitors or anonymous users	50 participants per board	JPG image and PDF	*30 days free trial.*

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Tools	License (pricing)	Proposed plan	Features	Number of participants	Export results	Notes
			• 500 MB file storage			
Mentimeter	Link	Free	• Unlimited presentations • Unlimited content slides • Up to 2 question slides • Up to 5 quiz slides	Unlimited audience	Image and PDF	*Discounted offers for educators (link).*
Google Forms	Link	Free (for personal)	• 15 GB per user in Drive Secure cloud storage • 100 participants in Meet Video and voice conferencing	Unlimited audience	Google Sheets (Microsoft Excel)	

Each PS leader will develop pre-, on-going, and post-event dissemination materials and instructions for remote connections. Field work and health security instructions will be provided if necessary.

2.6 Logistics

The following **logistics** will be considered in each location: remote connection instructions (considering professional services, if required), translation to local language, printed material, catering (in-situ), rent a location, and invite participants.

2.6.1 Logistics PS1, organised by RISE

Maximum budget: 3,500€

Considering:

- Remote connection instructions: The event will probably use MS Teams, which will be free using the possibility to group participants in sessions.
- No translations will be needed. Event will be in English and for some occasions in Swedish
- Printed material – Guidelines for homeowners
- Catering
- Rent event venue
- Travel for selected participants

Maximum Budget 2,500€

The following logistics have been considered:

- Remote connection instructions: TUD to supply equipment and include instructions in the invitation email
- Translations –In house (TUD)
- Printed material – In house (TUD)

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- Catering (in situ) - To be booked nearer the time when location is clarified
- Rent a location - Location will be provided by TUD or relevant local partner such as Saxon Switzerland National Park
- Invite participants – To be completed by June 2023 – Date is dependent on known timetable of available products to test, as these will form part of the invitation

2.6.2 Logistics PS3, organised by ADAI

Maximum budget: It will be defined later, but it is expected to be around 4,000€

As previously mentioned, and due to the weather instability of the Winter season when the event will occur, the Auditorium of Mechanical Engineering of the University of Coimbra will be used as venue. This location is relatively central within the area covered by the Pilot Site which may facilitate the participants travelling.

The session will be held in hybrid format (presential and remote) and will consist of a set of presentations that will use slides with images and videos as support. The presentations will be given in English and potentially in Portuguese, if this is better for the audience. At registration, the participant will reveal his/her level of understanding of the English language, and afterwards the need for translation will be evaluated.

The event will be promoted through digital tools of the project and of ADAI, such as the website and social networks. Moreover, the promotion will be made by news in the media and by sending emails to a list of entities and individuals who are part of the ADAI database, with special emphasis on those who have shown interest in the FirEUrisk project. The invitation will mention the regional scope of the session, clarifying that the session will be open and free of charge to all interested parties, requiring prior registration, up to the limits of the auditorium's capacity. If the number of interested parties is extensive, the event will be moved to the Civil Engineering Auditorium of the University of Coimbra, which has larger capacity.

The number of participants is expected to exceed 50 individuals, mostly from the academic-scientific community, first responders and civil protection technicians. At the end, depending on the available budget, a lunch will be held where the personalities or representatives of entities that may have the greatest interest for the FirEUrisk project will be invited.

The costs of this event will be distributed by the following items.

- Room rental – University of Coimbra Auditorium
- Transmission by Zoom
- Live translation Pt <-> Eng
- Catering (Coffee Break) - in the atrium near the auditorium
- Dissemination material
- Lunch for honoured guests

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2.6.3 Logistics PS4, organised by UdL in collaboration with stakeholder DIBA

Maximum Budget 2,500€

The following logistics have been considered:

- Remote connection instructions: UdL/DIBA to supply equipment and include instructions in the invitation email, or Management will instruct what can be considered best.
- Translations –To be defined later
- Printed material – In house (UdL)
- Catering (in situ) - To be booked nearer the time when the location will be decided, Diputació de Barcelona contacted.
- Rent a location - Location will be provided by UdL or relevant local partner such as the Diputació de Barcelona or CPF.
- Invite participants – To be completed by September 2023 – Date is dependent on known timetable of available products to test, as these will form part of the invitation

2.6.4 Logistics PS5, organised by KEMEA

Maximum budget: 2,500€

The following logistics have been considered:

- Remote connection instructions: KEMEA to supply equipment and include instructions in the invitation email
- Translations –In house (KEMEA)
- Printed material – In house (KEMEA)
- Room and required facilities/equipment rental (KEMEA)
- Catering for coffee break and light lunch (details TBD later)
- Invite participants – List of participants to be completed about one month before the event – Date of the event TBD later. Participants will be representing the academic-scientific community, local and regional first responders and civil protection authorities and volunteers' teams.

2.6.5 Logistics EUT, organised by UAH

Maximum budget: 4,000€

The following logistics have been considered:

As previously mentioned, the event is intended to be held at the JRC premises. This location is considered appropriate given the scale of this DE, the European territory, and the fact that the host is a European institution. In the case that for any reason it is not possible to organise it there, it is proposed to be held at UAH premises. If that option is not possible, it will be moved to a completely virtual event.

- The preliminary agenda of the event has been organized based on the results of the survey (section 2.2.), and it will consist of a workshop where a summary of the main activities carried out in WP1-WP4 at the European scale will be presented to the participants.

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- The event will be held in hybrid format (in person and remote) and will consist of a set of presentations using slides with images and videos as supporting material. It is not foreseen to use printed materials.
- The on-site location and streaming capabilities will be arranged with the host institution, if possible, using its internal resources. The same will apply to the catering needs during the event.
- The event will be carried out in English. The event will be promoted through the digital tools of the project and of the event organisers, such as the website and social networks. Moreover, the promotion will be made by sending emails to a list of entities and individuals who are part of the FirEURisk database, with special emphasis on those who have shown interest in the FirEURisk project. The invitation will mention the European scope of the session, clarifying that the session will be open and free of charge to all interested parties.

The number of participants is expected to exceed 25 individuals, mostly from EU institutions, with national representatives if feasible coming from civil protection and forest management agencies, and -secondarily- the academic-scientific community.

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3 Conclusions

Deliverable 5.5 is a guiding document to plan the details of the demonstration events. All the specifications described in this document will be further detailed, updated, and/or corrected during the development of DE, whose results will be reported in the documentation of each event in M28, M31, M34, M37, M40, and M44 of the project. The conclusions of the six demonstration exercises and validation results shall be reported in a position paper in M47, gathering recommendations and ways of action for wildfire risk assessment, reduction, adaptation, and integration across Europe.

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