

INLINE – Integrated pan-European rainfall and floods impact forecasts for cooperation in emergency management

INLINE Training Materials

Deliverable 4.2

01 September 2026

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Table of contents

Executive summary	1
1 Introduction and scope	2
2 Identify Training Needs and Develop Learning Objectives.....	2
2.1 Establishing a Community of Interest.....	2
2.2 Online Surveys to Understand Needs and Requirements of Training Materials.....	3
3 Design and delivery	4
3.1 Co-design of Training Materials	5
3.2 Accessibility	5
3.3 Testing and review	6
4 Training Materials	6
4.1 COI Meetings	6
4.2 Video Tutorials	9
4.3 Online Documentation.....	10
4.4 International Demonstration Workshop.....	15
5 Conclusions & Future Work.....	18

List of figures

Figure 1: Countries represented in the INLINE Community of Interest	3
Figure 2: Ranking of training materials developed under the EDERA project.....	4
Figure 3: Schematic of the three main learning objectives of the INLINE training materials.	5
Figure 4: Example of the instructions given to COI meeting participants at the start of a self-guided hands-on exercise for the flash flood event in Spain on 04 January 2026.	8
Figure 5: Participants responses to the evaluation survey held during the COI meeting on 26 March 2026 after the hands-on training session about case study of Storm Francis in Spain on 04 January 2026. Only a selection of the questions presented to participants are shown here. Bars highlighted in bold show the correct option for each question.	9
Figure 6: Three video tutorials developed as part of the project, embedded on the INLINE platform's dedicated video tutorials webpage.....	10
Figure 7: Landing page for the online documentation developed during the INLINE project.	12
Figure 8: Example of an annotated image within the How-to section of the online training materials about setting up notifications.	12
Figure 9: Workflow which is suggested users follow when analysing the case study events in the Tutorials section of the INLINE training materials.....	13
Figure 10: Example of the image and metadata table given for the Flash flood impact over the river network layer in the Layers Reference section of the training materials.	14
Figure 11: Diagram within the Explanation section of the training materials about the workflow used to calculate the river flash flood hazard as part of the river flash flood impact product.	14
Figure 12: Participants of the INLINE International Demonstration Workshop in Lisbon, 26 - 28 May 2026.	15
Figure 13: Stakeholders and project's partners discuss the platform and products during the dedicated feedback session at the INLINE International Demonstration Workshop in Lisbon.	16
Figure 14: Results of the survey at the end of the International Demonstration Workshop in Lisbon indicated that participants found workshop content informative and easy to understand.....	17
Figure 15: Results of the survey at the end of the International Demonstration Workshop in Lisbon indicated most participants were more confident using the INLINE products and platform following the event.	17
Figure 16: Results from the end-of-workshop survey in Lisbon showing participants' confidence across the main INLINE product groups. Confidence was generally high across most products, with participants reporting the greatest confidence in the Animated Flash Flood Nowcasting products.	18

Executive summary

This deliverable summarises the development of new training materials for the INLINE platform and developments. The work was strongly shaped by end-user engagement through the INLINE Community of Interest, which provided a recurring mechanism for identifying training needs, testing approaches and collecting feedback. This helped ensure that the materials responded to practical user requirements and reflected the operational contexts in which INLINE outputs may be used.

Learning objectives were defined through interactive sessions with participants of the first two Col meetings. Participants expressed strong preferences for concise video-based training materials, as well as in-person live training sessions on how to use the platform and tools during flood and storm events. They also stated that the training materials should be focussed around three broad learning objectives: supporting users to access the platform and its functionalities, helping them interpret INLINE products during flood and storm events, and improving understanding of the scientific methodologies behind the products. To address these objectives, the project developed a complementary set of resources, interactive sessions during Col meetings including hands-on training exercises and product deep-dive presentations, short video tutorials, online documentation and an international demonstration workshop.

Key outputs include three INLINE video tutorials hosted on ECMWF's YouTube channel and embedded on the INLINE Platform, a Diataxis-structured online documentation set, five online Col meetings reaching an average of 23 non-project-partner participants each, and the International Demonstration Workshop, which brought together over 50 project partners and external stakeholders for hands-on evaluation of the platform's forecasting and impact products.

Overall, these training materials and activities provide an accessible and coherent training package for users with different levels of expertise. They support both self-paced learning and interactive training, helping users build confidence in applying INLINE products for preparedness, response and cross-border emergency management. Future work will focus on gathering further feedback from the Community of Interest and using this to refine the materials during the next update cycle.

1 Introduction and scope

The INLINE project aims to strengthen preparedness and response to storms, heavy rainfall and flood-related emergencies by developing impact-based forecasting tools for operational users.

This deliverable presents the training resources developed as part of the project's user engagement, training and outreach activities under Tasks 4.3 (Organisation of an INLINE Community of Interest) and 4.4 (Training and International Demonstration Workshop) under WP4. The training resources developed are designed to support end-users in accessing, interpreting and applying the INLINE platform, products and functionalities. They build on the training developed during the preceding EDERA project (UCPM-2022-101101229) while incorporating the new features and capabilities introduced through INLINE.

Recognising that end-users have diverse roles, levels of technical expertise and operational requirements, the training programme was designed to meet the needs of different audiences. A suite of complementary resources was developed, ranging from short video tutorials that provide practical guidance for entry-level users, to detailed scientific and technical documentation for advanced users seeking to interpret the products and integrate them into their operational workflows. Beyond these self-paced resources, a Community of Interest (Col) was established to provide interactive learning opportunities, enabling participants to explore the platform's products and functionalities, analyse practical use cases, ask questions and engage with the scientific and operational context underpinning the INLINE outputs. An International Demonstration Workshop further complemented these activities by providing hands-on, face-to-face training and opportunities for knowledge exchange.

Collectively, these resources provide a comprehensive training package that supports the effective uptake of INLINE outputs, helping end-users to understand the platform, apply its products consistently and confidently, and integrate them into preparedness and emergency response activities.

2 Identify Training Needs and Develop Learning Objectives

2.1 Establishing a Community of Interest

To produce training materials which support users of the INLINE platform and products, it was first necessary to establish a community of users, who could be asked about their needs and requirements. Therefore, a Col was established to create an active network of stakeholders who engage in anticipating and responding to storm and flash flood emergencies. The aims of the Col were to 1) understand the needs of users of the INLINE platform and products, including their needs for training materials, 2) share INLINE project updates and receive feedback from users about how they could be further improved, 3) train Col members in the use of the INLINE platform and products, 4) learn from the expertise of Col members in how they currently anticipate and respond to flash flood emergencies.

The Col was established during the initial phase of the project, organisations who are engaged in anticipating and responding to flash flood emergencies were identified and invited to participate. These include National Hydrological and Meteorological Services (NHMSs), Civil Protection Authority (CPA) practitioners, emergency response organisations, local and municipal authorities, academic institutions and technology providers. The aim was to establish a diverse and

multidisciplinary community capable of providing feedback from different operational perspectives and supporting the development of relevant and user-focused solutions. Membership continued to expand throughout the demonstration phase as additional organisations expressed interest in contributing to project activities. To date, we have 21 countries represented by the Col (Figure 1), with over 100 non-partner practitioners signed up to the Col mailing list.

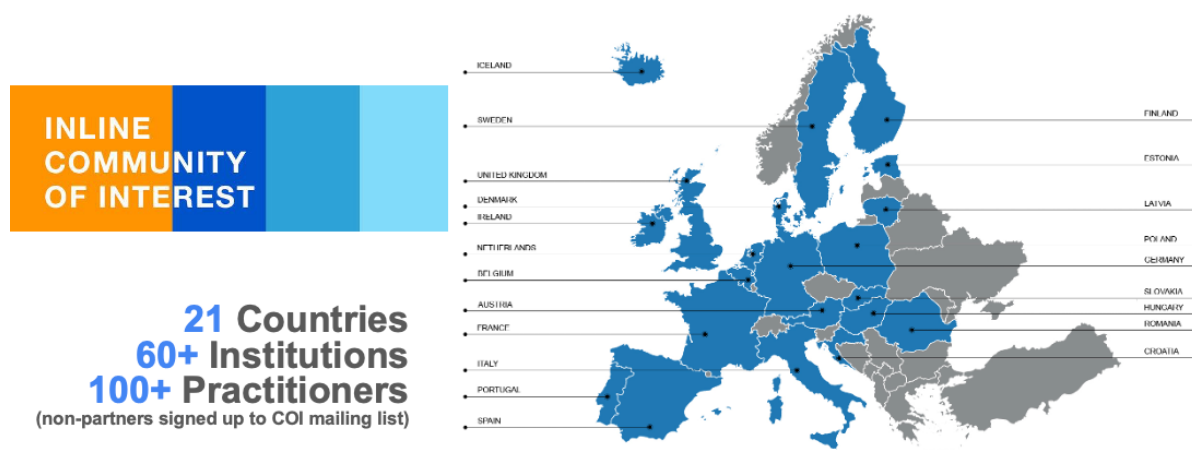


Figure 1. Countries represented in the INLINE Community of Interest.

Regular Col meetings were held approximately every six weeks, typically lasting 1–1.5 hours, to provide opportunities for training, knowledge exchange and discussion between project partners and external stakeholders. During some of the Col meetings, participants were invited to complete online surveys, which covered topics including their needs and requirements for training materials.

2.2 Online Surveys to Understand Needs and Requirements of Training Materials

Online surveys and interactive sessions during meetings of the Col were conducted which aimed to understand users' needs and requirements for the training materials. During the second meeting of the Col, participants were invited to complete an online survey, which included questions about training materials. For example, participants were asked to define on a scale of 'not very' to 'very', how enjoyable and informative were each of the training materials developed during the preceding EDERA project. The results showed that video tutorials were very informative and enjoyable, whilst case studies showing how to use the products scored the lowest (Figure 2). In response, INLINE placed greater emphasis on concise step-by-step video tutorials, live training sessions and interactive case study exercises. In-person case study analysis was prioritised to support applied learning, discussion and knowledge exchange between project partners and operational users.

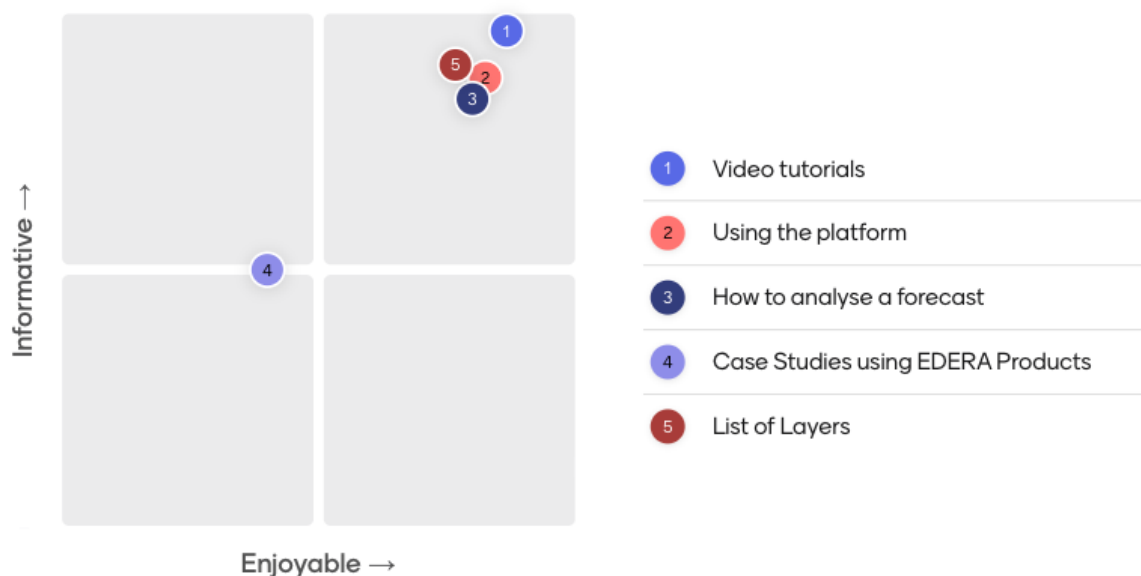


Figure 2. Ranking of training materials developed under the EDERA project.

The main knowledge gaps identified during the survey and discussion held during the Col meeting related to practical platform use, interpretation of product outputs, workflow development and understanding of the scientific and technical basis of the products. Users indicated a need for clearer guidance on how to navigate the platform, use key functionalities, configure notifications and apply the products within operational workflows. End-users also requested more detailed product information, including clearer descriptions of available layers and references to the technical methods underpinning the outputs.

These findings informed the development of the INLINE learning objectives. The training materials, described in the following sections, were designed to enable users to

- access and navigate the INLINE platform confidently,
- understand how to use the available products during a case study storm or flood event,
- interpret forecast information in the context of storm, rainfall and flood-related risks,
- apply platform outputs within preparedness and emergency response workflows,
- set up the platform's notification mechanism.

Together, these activities ensured that the INLINE training programme addressed the needs of different user groups and translated identified knowledge gaps into targeted learning objectives. The resulting materials support both self-paced learning and interactive training, enabling users with varying levels of expertise to build the knowledge and confidence required to use INLINE products effectively.

3 Design and delivery

This section describes how the INLINE training materials were developed; how end-users were involved in shaping their content and format, how the materials were made accessible to a broad

and geographically distributed audience, and how they were tested and refined ahead of and during their use.

3.1 Co-design of Training Materials

The training materials were co-designed with end-users throughout the project, in particular during the Col meetings, rather than produced in isolation by project partners. This input from users, see section 2.2 for more details, directly shaped the balance of training material formats produced under INLINE, with greater emphasis placed on concise video tutorials and interactive, in-person case study analyses. Input from users also helped to identify the learning objectives of the training materials, which were mapped onto three broader objectives (Figure 3):

- **Access:** giving a quick overview of the platform, products and functionalities; e.g. short videos;
- **Interpretation:** explaining how to interpret the products; e.g. tutorials and guided hands-on sessions to evaluate case studies
- **Understanding:** detailed descriptions of the scientific methodologies behind each of the products; e.g. through deep-dive presentations during Col meetings.

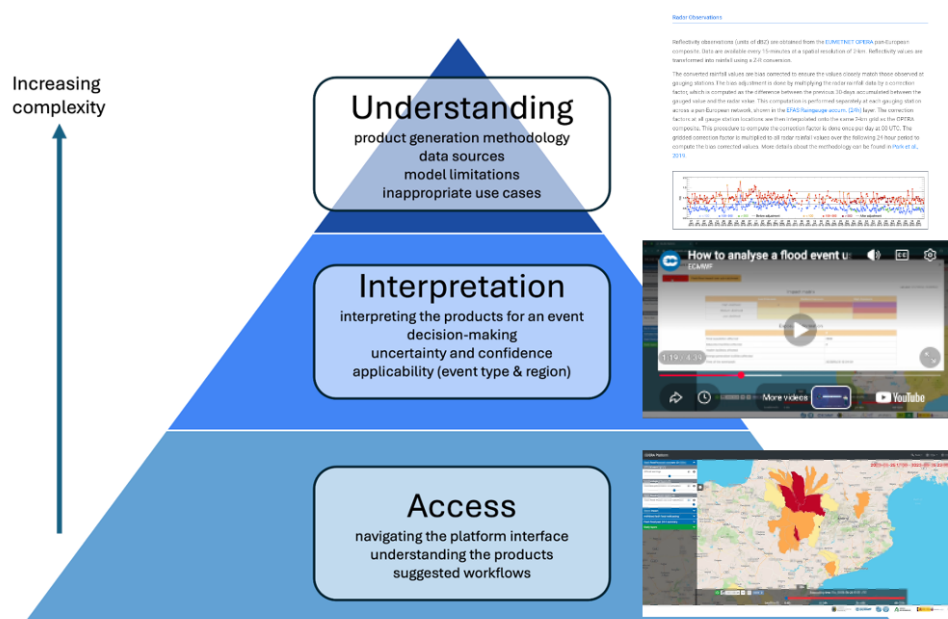


Figure 3. Schematic of the three main learning objectives of the INLINE training materials.

Co-design continued throughout the demonstration phase. The focus of individual Col meetings was shaped by suggestions and questions raised by members at previous meetings, so that each session responded directly to the knowledge gaps participants had identified.

3.2 Accessibility

Accessibility was a design consideration across all training formats. The training materials developed for INLINE were produced primarily in English, but multi-language compatibility was

built into the video tutorials and the Col meetings from the outset to support the diverse geography of the Col members and pilot site partners.

Video tutorials are hosted on YouTube, which provides automatic caption translation, allowing end-users to access the content in their own language without requiring project partners to reproduce materials with multiple translations. Hosting materials on open platforms (YouTube and the INLINE Platform itself) also ensures that the training resources remain freely accessible to any interested user, not only registered Col members.

The Col meetings were held online and kept short, lowering the barrier to participation for practitioners across different countries and time zones. Col meetings were also hosted on Google Meet platform, which allows for real-time translated captions into multiple languages for the duration of the meeting. The International Demonstration Workshop was run as a hybrid event, enabling both in-person attendance in Lisbon and remote participation for stakeholders unable to travel.

3.3 Testing and review

Training materials were tested and refined at several points throughout the project. Documentation was written and reviewed iteratively by internal project partners before being published to the appropriate channels. During Col meetings, hands-on sessions that stepped participants through analysis of a case study event were evaluated using surveys and quiz questions, allowing project partners to gauge how well users had understood the workflow being demonstrated. At the International Demonstration Workshop, a combination of structured and exploratory exercises was used to assess both the platform's forecasting capabilities and its usability; observing in person how experts interacted with the platform gave project partners direct, practical insight into where the user experience and training materials could be improved. Further detail on how users were assessed and how the success of the training materials was measured is given in Section 5.

4 Training Materials

4.1 Col Meetings

At the time of writing, the INLINE Col has met six times during the INLINE project:

1. 18 September 2025
2. 30 October 2025
3. 11 December 2025
4. 22 January 2026
5. 26 March 2026
6. 26 - 28 May 2026 (Lisbon International Demonstration Workshop)

The Col meetings covered a range of topics, where the italicised points refer to training activities:

- Updates on project progress, scientific developments and Work Package activities.
- Hands-on training sessions enabling end-users to explore the platform's functionalities and analyse products during case study events.

- Deep dives into the methodologies to generate the INLINE products.
- Presentations from end-users on recent flood and storm events and associated emergency response activities.
- Collection of stakeholder feedback on platform functionality, notification settings and training materials.

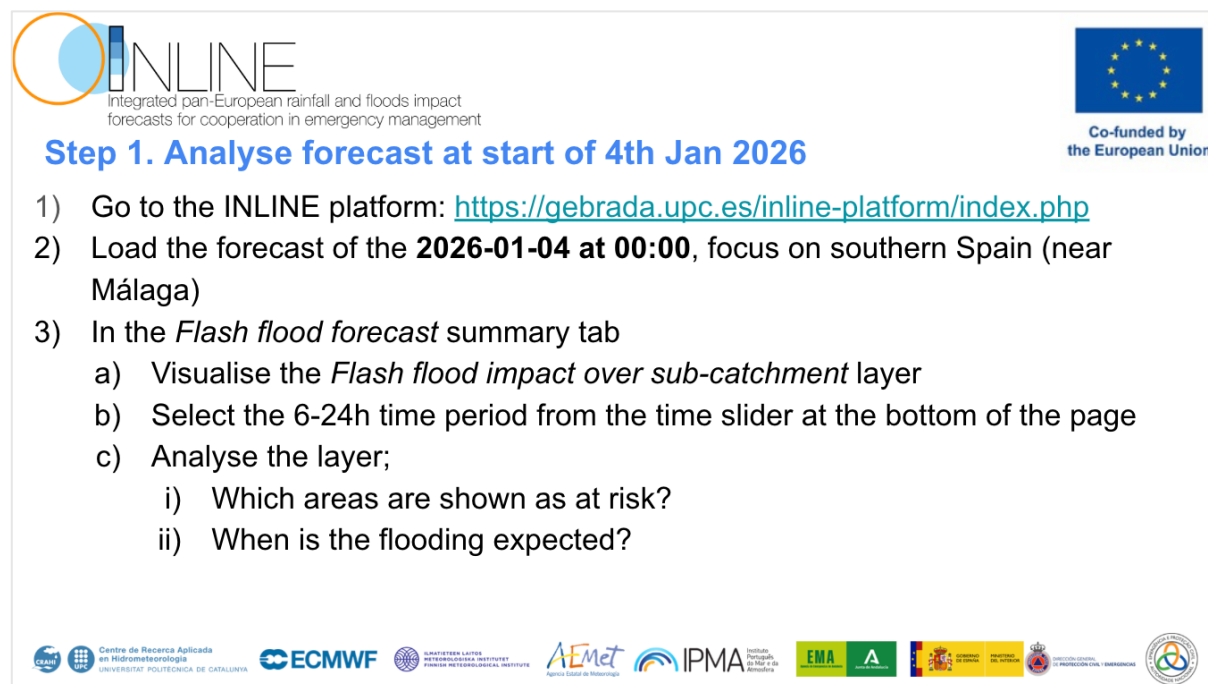
To date, a total of 14 training activities were carried out during the Col meetings (Table 1):

Table 1: Training activities carried out during meetings of the INLINE Community of Interest (Col).

Col Meeting		Activity
Hands-on Exercises: Past Case Studies		
#4	22 January 2026	• Murcia 14/15 December 2025 (guided) • Southern France, 18 January 2026 (self-guided)
#5	26 March 2026	• Storm Francis (Spain) 04 January 2026 (self-guided)
#6	27 May 2026 (International workshop)	• Storm Kristin (Portugal) 29 January 2026 (self-guided) • Spain 03 -06 February 2026 (guided) • Self-guided analysis from a list of past events
Hands-on Exercises: Platform Functionalities		
#1	18 September 2026	• Introduction to the platform & how to set up notifications
#6	27 May 2026 (International workshop)	• Introduction to the INLINE platform • How to set up notifications
Deep-dive of INLINE Products		
#2	30 October 2025	• River flash flood impact products
#3	11 December 2025	• Storm impact products • Pluvial flood hazard in urban areas
#6	26 May 2026 (International workshop)	• Storm Impact products • River flash flood impact products

The hands-on exercises aimed to guide participants of the Col meetings on how to use the products to analyse past events. Guided sessions were held during which the INLINE partner who was leading the training would demonstrate to users how they would use the INLINE products to analyse a past event. These guided sessions were often immediately followed by a self-guided

session, where participants were given information about the location and timing of a past flash flood event and were told to use the INLINE products to analyse the event (Figure 4).



The screenshot shows the INLINE platform interface with the following content:

- Header:** INLINE logo and text: "Integrated pan-European rainfall and floods impact forecasts for cooperation in emergency management".
- Co-funding:** European Union flag and text: "Co-funded by the European Union".
- Step 1:** **Analyse forecast at start of 4th Jan 2026**
- Instructions:**
 - 1) Go to the INLINE platform: <https://gebrada.upc.es/inline-platform/index.php>
 - 2) Load the forecast of the **2026-01-04 at 00:00**, focus on southern Spain (near Málaga)
 - 3) In the *Flash flood forecast* summary tab
 - a) Visualise the *Flash flood impact over sub-catchment* layer
 - b) Select the 6-24h time period from the time slider at the bottom of the page
 - c) Analyse the layer;
 - i) Which areas are shown as at risk?
 - ii) When is the flooding expected?
- Footer:** Logos of partner organizations: Centre de Recerca Aplicada en Hidrometeorologia, UCPM, ECMWF, AEMet, IPMA, EMA, and others.

Figure 4. Example of the instructions given to Col meeting participants at the start of a self-guided hands-on exercise for the flash flood event in Spain on 04 January 2026.

These self-guided hands-on sessions concluded with a questionnaire to evaluate the participants' understanding of the products when analysing the event. The questions included checking that participants had been able to log into the platform, were able to view the products and tested their understanding of what the products showed. For example, after the hands-on session for Storm Francis, participants were asked questions to check that they understood which areas were being highlighted as being at risk and when the impacts were expected to occur (Figure 5). Most participants' responses to the questionnaires showed that they had a good understanding on how to use the INLINE products. Further discussions were held after the survey to understand why some participants had answered incorrectly. Participants suggested that their confidence and accuracy in interpreting the products would improve with further practice through more guided and self-guided hands-on exercises. For this reason, these exercises were repeated, albeit for different events, during three separate Col meetings.

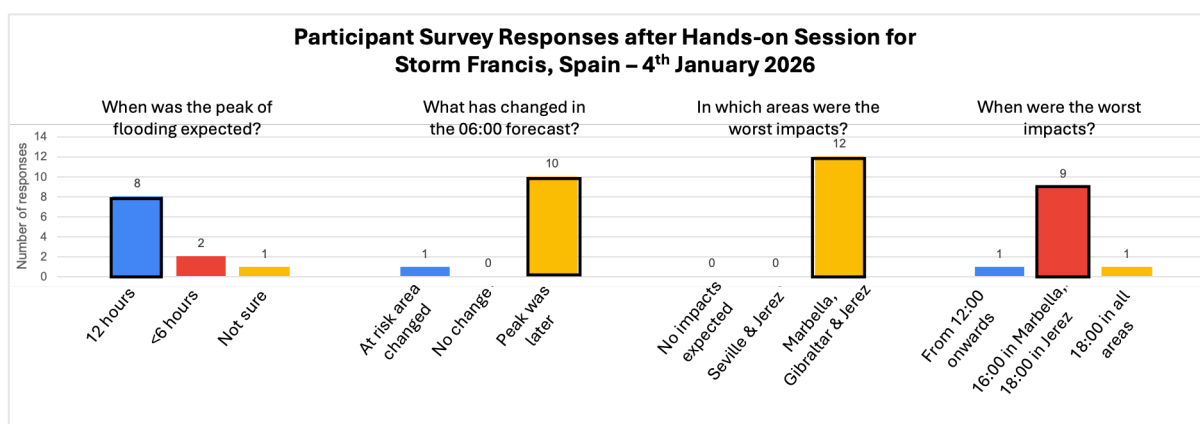


Figure 5. Participants responses to the evaluation survey held during the Col meeting on 26 March 2026 after the hands-on training session about case study of Storm Francis in Spain on 04 January 2026. Only a selection of the questions presented to participants are shown here. Bars highlighted in bold show the correct option for each question.

Each deep-dive session focussed on one type of INLINE product, for example the river flash flood impact products. Each session, which was led by the INLINE partner responsible for the products, aimed to explain the scientific methodology behind the product, give examples of how to use it and explain the potential limitations. For example, during the session about the river flash flood impacts, participants were made aware of the limited skill beyond 48 hours lead time, especially for small scale convective events.

Overall, a key strength of the Col was the active contribution of its members who would provide feedback, including after each training session. This feedback allowed the INLINE partners to identify areas where further training was needed, for example at subsequent Col meetings, or where existing materials such as the videos could be improved.

4.2 Video Tutorials

Short video tutorials were developed as part of the INLINE project in response to positive feedback from colleagues and stakeholders involved in the preceding EDERA project and from feedback during the first Col meeting (Figure 2).

The videos are designed to achieve the learning objective about access (Figure 3), by helping end-users quickly understand how to access the INLINE platform and its functionalities of the INLINE platform. By presenting key workflows and features in a concise visual format (each under five minutes in length), the videos provide quick, accessible, step-by-step guidance for civil protection practitioners, decision-makers and other stakeholders who may use the system in the lead up to or during flood and storm events.

Three videos were developed for the INLINE project (Figure 6):

- Access to the INLINE Platform
- How to analyse a flood event using INLINE
- How to configure INLINE Notifications

Access to the INLINE Platform



This video provides an overview of the INLINE platform.

How to Configure INLINE Notifications



In this step-by-step video you can learn how to set up and configure INLINE notifications.

How to Analyse a Flood Event Using INLINE



This video provides an example of how to use the INLINE platform to analyze a flood event, focusing on the heavy rainfall and flash flooding in Andalusia, southern Spain, on October 29th, 2025.

Figure 6. Three video tutorials developed as part of the project, embedded on the INLINE platform's dedicated video tutorials webpage.

To ensure accessibility and support long-term maintenance, the video tutorials are hosted in a dedicated [INLINE playlist](#) on ECMWF's YouTube channel and embedded in the dedicated [video tutorials](#) section of the INLINE Platform. Hosting the videos on YouTube enables the playlist to be updated easily as the project evolves, while ensuring that the materials remain openly accessible to end-users. It also provides automatic caption translation, supporting access in the languages of the project pilot sites and Col members without requiring additional manual translation by project partners. To date, the video tutorials on the YouTube hosted playlist have accumulated 125 views.

4.3 Online Documentation

New [online documentation for INLINE](#) was created using the [Diataxis framework](#), which organises technical content into four distinct types. These four types of technical content map onto the three broader INLINE learning objectives identified previously (Figure 3):

- **How-to Guides** (Learning objective = *Access*): step-by-step guidance on how to perform certain tasks in the INLINE Platform, such as how to select the forecast date and time, how to view the forecast layers, how to set up and configure notifications, and how to provide feedback.
- **Tutorials** (Learning objective = *Access & Interpretation*): walkthrough documentation on how to analyse the INLINE forecast layers to analyse past case study storm and flood events.
- **Reference** (Learning objective = *Access*): brief descriptions of all the products available on the INLINE Platform
- **Explanation** (Learning objective = *Understanding*): detailed scientific exploration of the three main workflows to generate the INLINE forecast products.

This structured way of writing documentation makes it easier for end-users to identify which type of documentation is suited for their learning needs. For example, users who are new to the platform may be more interested in the how-to guides, including the videos, which give a quick introduction to the platform and its functionalities. Whereas users with more experience of the products may be interested in gaining an understanding of the scientific methodology underpinning a product.

The documentation was produced through an iterative process of drafting and internal review by project partners and was updated to reflect the new products and functionalities introduced through INLINE's WP2 and WP3 developments, building on the equivalent documentation produced during EDERA, and will be shared with end-users in the upcoming Col meeting.

The new online training materials are hosted within a dedicated space in the INLINE web platform. The landing page of the training materials presents each of the four training material types (Figure 7). There is also a link to video entitled 'Introduction to the INLINE platform', which gives a short introduction to the INLINE platform and its main functionalities.

The *How-tos* section has explanations on how to perform four key tasks within the platform:

- Selecting the forecast date and time
- Viewing the different forecast layers
- Setting up notifications
- Providing feedback

Each of these explanations provides step by step instructions accompanied by annotated images which aim to help users' understanding of the instructions (Figure 8). The *How-to* about setting up notifications also includes the short video which guides users through the procedure (see section 4.2).

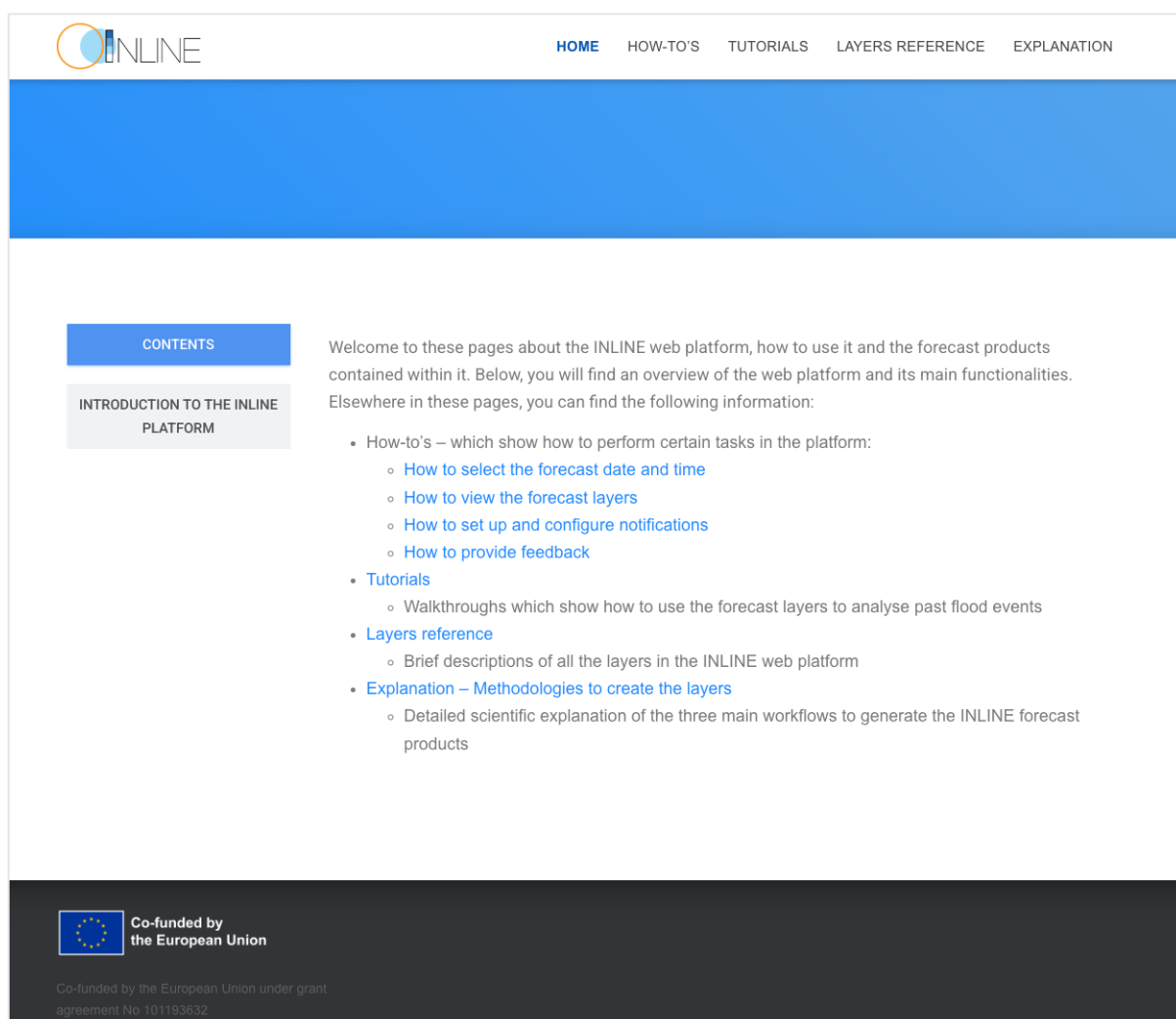


Figure 7. Landing page for the online documentation developed during the INLINE project.

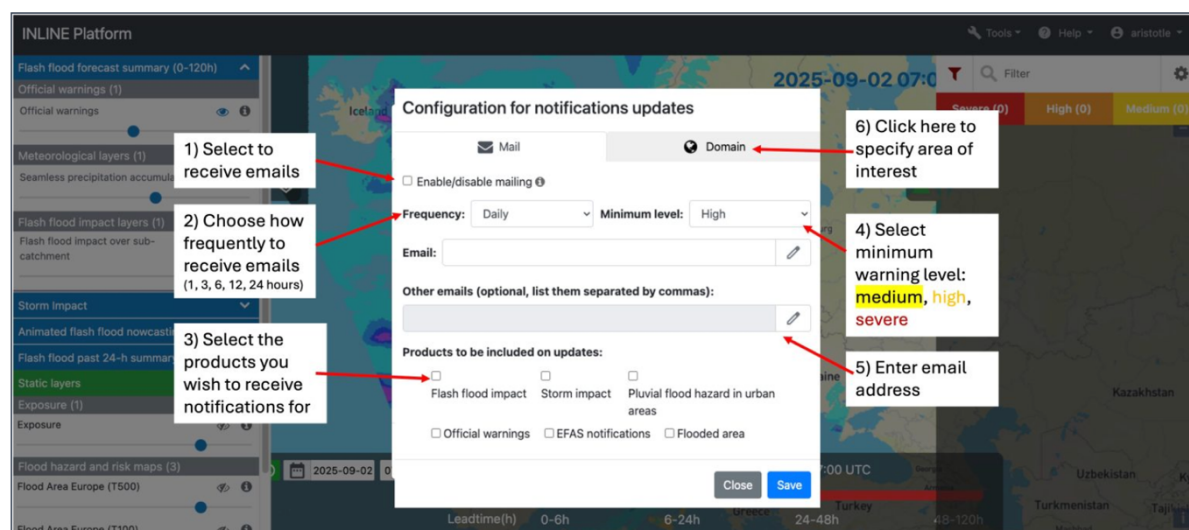


Figure 8. Example of an annotated image within the How-to section of the online training materials about setting up notifications.

The *Tutorials* section contains information about 10 past events which users can use to analyse and interpret the INLINE products. The following 10 events were chosen:

- Southern Spain – 29 October 2025
- North Thuringia, Germany – 05 May 2026
- Storm Nils, Southern France – 10 February. 2026
- Storm Leonardo, Southern Spain – 04 February 2026
- Southern France – 17 January 2026
- Storm Francis, Southern Spain – 04 January 2026
- Murcia, Spain – 14 December 2025
- Storm Claudia, United Kingdom – 14 November 2025
- Setubal, Portugal – 13 November 2025
- Czechia – 24 April 2025

Some of the events had already been used for hands-on training exercises during previous Col meetings (section 4.1), others were chosen to expand coverage to other parts of Europe.

Before analysing one of the events, users are given a suggested workflow explaining how to analyse the INLINE products in the time leading up to the event (Figure 9). Users are then advised to read the tutorial for the event in Southern Spain on 29 October 2025 as this contains a detailed set of step-by-step instructions to analyse the event using the INLINE products. It also contains the short video which demonstrates how to analyse this event using the INLINE products. Less instructional information is given for the other case studies, instead it is anticipated that users can apply the understanding which they gained from the first case study (Spain – 29 October 2025) following the suggested workflow (Figure 9).

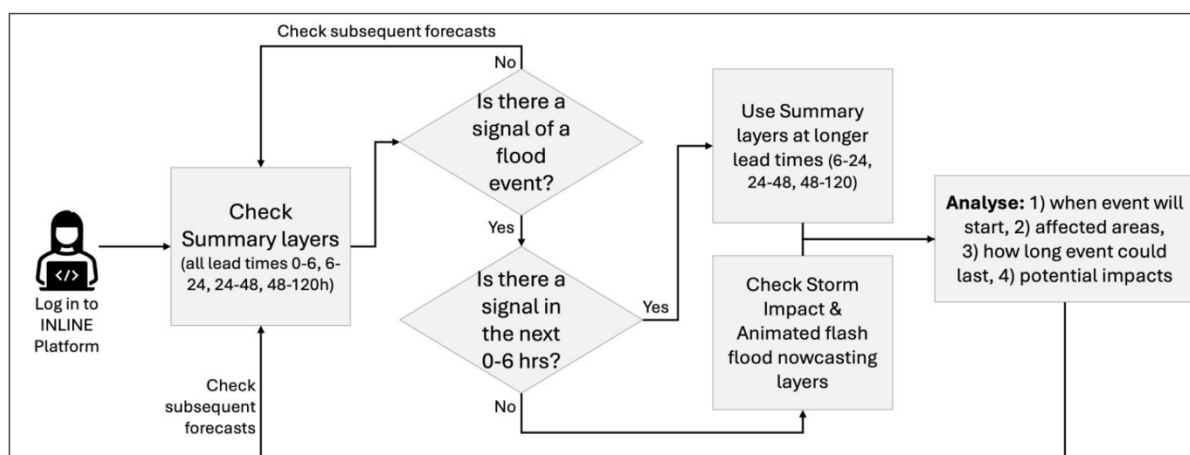
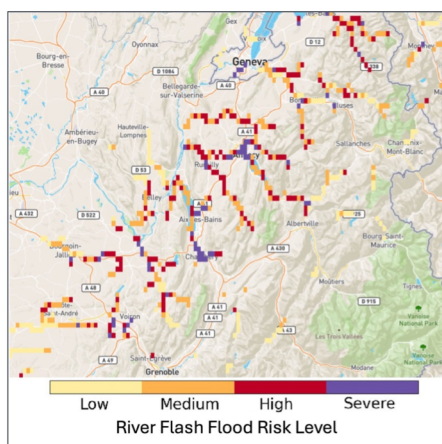


Figure 9. Workflow which is suggested users follow when analysing the case study events in the Tutorials section of the INLINE training materials.

The *Layers Reference* section provides short, standardised information about each of the layers available on the INLINE platform. The section is sub-divided into one sub-section per product grouping on the INLINE platform. For each layer, the following information is given:

- Short description of the layer
- Example image
- Table of metadata including spatial and temporal resolution, units etc (Figure 10)
- List of input datasets



Spatial coverage	Europe – EFAS domain
Spatial resolution	1-arc minute (~1.4-km)
Temporal resolution	1-hour
Maximum lead time	6-hours
Update frequency	Hourly
Units	Risk level (Low, Medium, High, Severe)

Figure 10. Example of the image and metadata table given for the Flash flood impact over the river network layer in the Layers Reference section of the training materials.

The *Explanation* section provides detailed descriptions of the scientific methodology used to create the three main types of products shown in the INLINE platform: 1) Radar-based pluvial hazard nowcasts, 2) Radar-based storm impact nowcasts, 3) River flash flood impact forecasts. These materials go into a similar level of detail as the deep-dive sessions during the Col meetings (section 4.1). The materials in this section are mostly text descriptions with accompanying figures to explain the workflows used to generate the products (Figure 11).

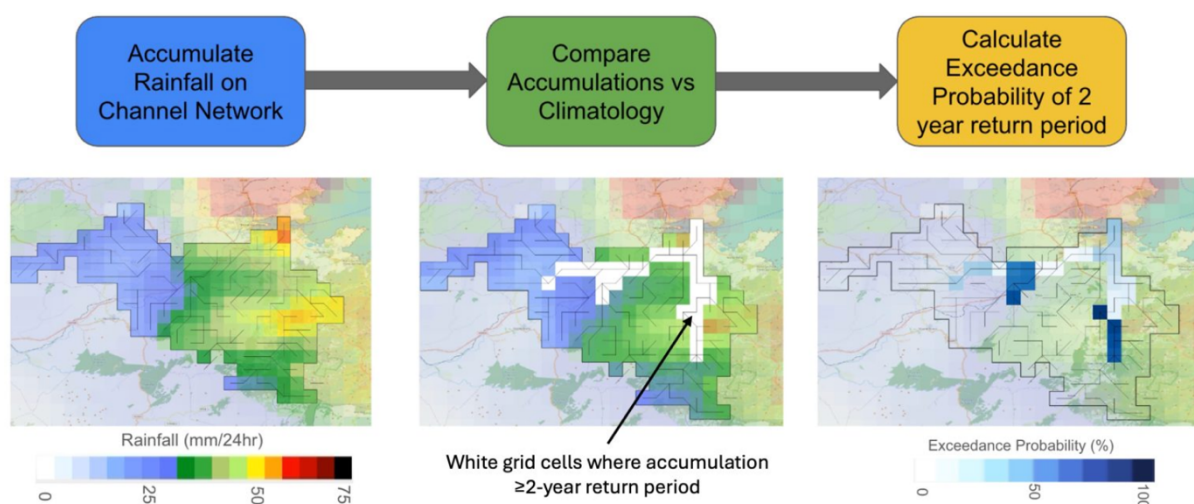


Figure 11 Diagram within the Explanation section of the training materials about the workflow used to calculate the river flash flood hazard as part of the river flash flood impact product.

4.4 International Demonstration Workshop

On 26-28 May 2026, an International Demonstration Workshop for INLINE was co-hosted by the Portuguese Institute of the Sea and the Atmosphere (IPMA) and the Portuguese National Authority for Emergency and Civil Protection (ANEPC). Over the course of this 3-day hybrid event, the workshop brought together over 50 participants, including project partners and a diverse group of stakeholders, including representatives from CPAs, NHMSs, and river management authorities. The workshop agenda was structured to serve the different user groups of the INLINE training programme. Sessions combined demonstrations of the platform and its products, lecture-style presentations of the underlying science, and hands-on audience-based exercises in which participants worked directly with the platform and its forecast layers using real case study events and introduced a proposed standardised operational workflow, from receiving email notifications to monitoring events in real time.



Figure 12. Participants of the INLINE International Demonstration Workshop held in Lisbon, 26 - 28 May 2026.

On the first day, the sessions introduced the INLINE platform and products and gave deep-dives into the storm impact and river flash flood impact products. Practical sessions were held on days 2 and 3, giving participants structured exercises to assess the platform's forecasting capabilities and usability. Participants analysed flood and storm events in Portugal and Spain between January and March 2026, examining forecast evolution, flood risk indicators, cross-border coordination and warning performance in INLINE. A further hands-on session focused on case study storm and flood events across Europe, including Czechia, Germany, France, Portugal and the UK. Participants used the platform and products to identify when a flash-flood signal first became detectable before the event began, note which products they relied on and trusted most, and highlight workflow challenges and potential improvements to the platform.

The Lisbon workshop established a direct feedback loop between participants and INLINE project partners. By observing how experts interacted with the web platform, tools and forecast layers,

project partners gathered practical insights to refine the user experience and inform pre-operational updates planned for the following months.



Figure 13. Stakeholders and project's partners discuss the platform and products during the dedicated feedback session at the INLINE International Demonstration Workshop in Lisbon.

A feedback session was held at the end of the workshop to ascertain whether participants had understood the materials presented during the workshop and how confident participants felt to use the INLINE products. The feedback session centred around an online survey which participants were invited to complete. Results from the feedback session (see Figure 14 - Figure 16) indicated that content was clear and easy to follow and that end-users' confidence when using the platform and its products improved overall.

How well do these statements describe your workshop experience?

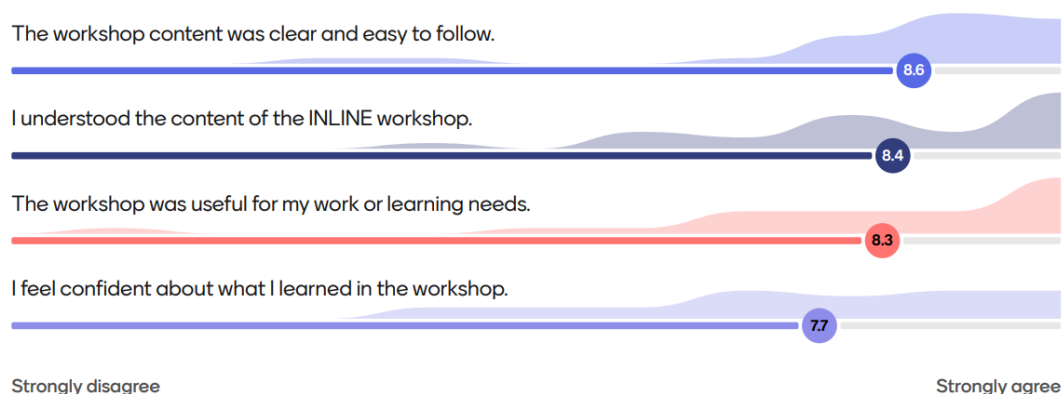


Figure 14. Results of the survey at the end of the International Demonstration Workshop in Lisbon indicated that participants found workshop content informative and easy to understand.

Are you more confident using INLINE platform after this workshop?

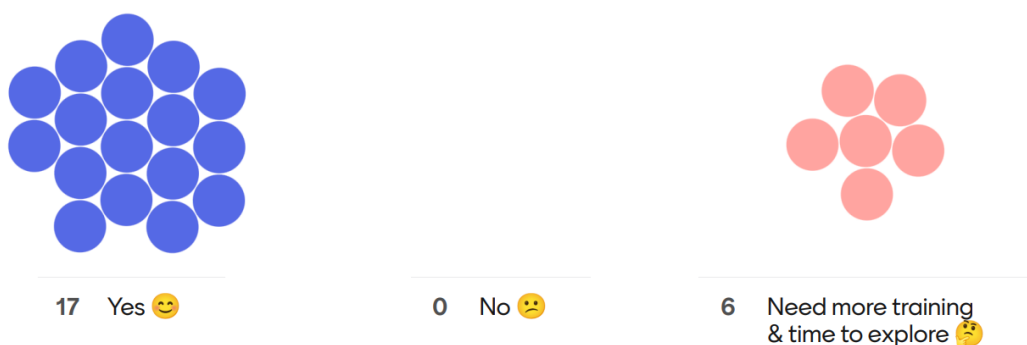


Figure 15. Results of the survey at the end of the International Demonstration Workshop in Lisbon indicated most participants were more confident using the INLINE products and platform following the event.

Which products are you most confident using after the workshop?

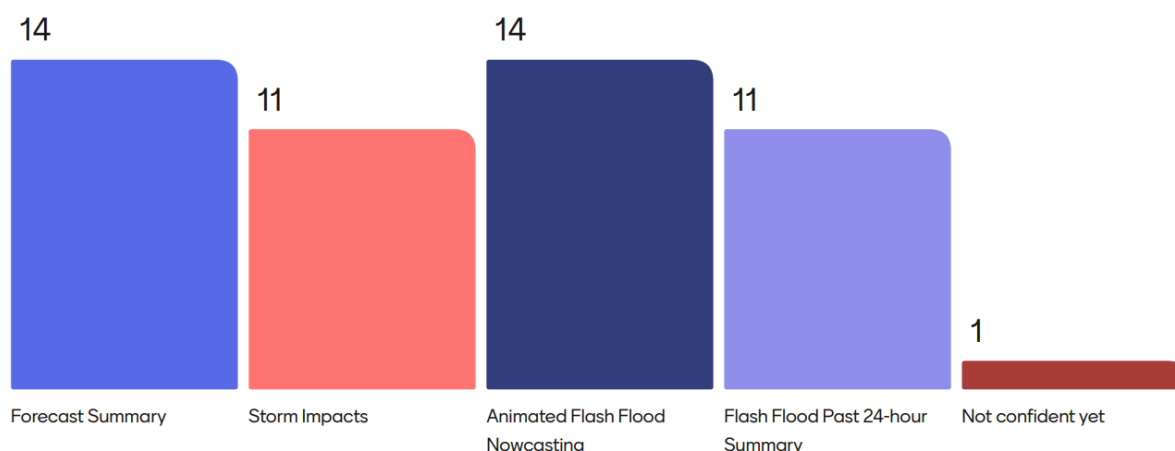


Figure 16. Results from the end-of-workshop survey in Lisbon showing participants' confidence across the main INLINE product groups. Confidence was generally high across most products, with participants reporting the greatest confidence in the Animated Flash Flood Nowcasting products.

5 Conclusions & Future Work

This deliverable summarises the work to develop new training materials about the INLINE platform and products. A central feature of the work was the involvement of end-users throughout the design, testing and refinement of the materials. This was achieved through the INLINE Community of Interest (organised in Task 4.3) which provided a recurring mechanism for identifying training needs, collecting feedback and testing training approaches through guided and self-guided exercises. Feedback gathered through surveys and discussion helped to shape the format and content of the materials, including the emphasis on short video tutorials, hands-on case study analysis, clear platform guidance and more detailed scientific documentation. This iterative approach helped ensure that the materials responded to practical user requirements and reflected the operational contexts in which INLINE products may be applied.

Three broad learning objectives were identified based on the users' survey responses during the first two meetings of the Col: 1) Access – how to access the INLINE platform and use its functionalities, 2) Interpretation – how to interpret what the INLINE products show, 3) Understanding – detailed explanation of the methodology used to generate the INLINE products. Each of the INLINE training materials were developed to address at least one of these objectives.

To achieve the above learning objectives, the following training materials were developed: 1) hands-on exercises and product deep-dives during Col meetings, 2) short videos, 3) online training materials, 4) international demonstration workshop. The hands-on exercises in Col meetings and during the workshop showed participants how to access the platform and interpret the products through guided and self-guided analysis of past events. Deep-dives into each of the INLINE products gave increased participants' understanding of the methodology to create the products. Three short videos were created and are hosted on the INLINE online training pages, these give a quick introduction on how to access and use the platform, how to configure notifications and how

to interpret the products for a past event. A new set of online training materials were created and are hosted on the INLINE training page. These materials are divided into sections which give quick how-tos on using the platform, tutorials to analyse past events, a reference section for all INLINE products and explanations about how each of the products are created.

The online training materials were published on the INLINE platform in July 2026. Future work for the remainder of the project will aim to encourage Col members to consult these materials and provide feedback. A session is planned during the Col meeting scheduled for 17 September 2026 to present the training materials to the Col members, whose understanding of them will be evaluated through an online questionnaire. Feedback will be solicited from participants of the Col meeting to understand how the training materials can be improved.