Interreg Co-funded by the European Union

Italy – Croatia

Digital Plan

Project DIGITAL PLAN

Capacity Building

Deliverable no. D.2.4.1

Done by LP1, PP2, PP3, PP5, PP6 and PP8



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1. Capacity building intervention

1.1 Application Form framework and expected output

Activity A.2.4 was designed as a capacity building intervention targeted to staff of local authorities, with the purpose of training users in the practical use of the Digital Plan platform and collecting feedback to support the finalisation of the operational manual. According to the Application Form, the training-workshops were to be delivered by LP1, PP2, PP3, PP5, PP6 and PP8, while PP4 and PP7 provided common guidelines and templates for the organisation of the activity. A minimum of five participants was required for each local intervention.

Deliverable D.2.4.1 consists of six capacity building interventions intended to make the knowledge and lessons learned during testing of the civil protection early-warning system accessible and exploitable by policy makers and stakeholders. The related project Output 2.2, "Platform capacity building", has a target value of 30 participations. All six local interventions were completed in July and August 2026, and each implementing partner reached or exceeded the minimum participation threshold foreseen in the Application Form. The documented attendance therefore exceeded the minimum project target.

KEY RESULT: 6 of 6 capacity building interventions delivered; minimum of 5 participants per implementing partner achieved; Output 2.2 minimum target of 30 participations reached and exceeded.

1.2 Common delivery approach and training package

The six local sessions followed a common structure while remaining adapted to the risk profile and institutional setting of each pilot territory. The core content included access to public and restricted areas of the platform, digital Civil Protection Plans, GIS-based consultation and filtering, user and data management, integration of IoT monitoring data, configuration of DSS thresholds and alarms, and the role of the platform in supporting preparedness and emergency decision-making. The workshops also created a structured opportunity to collect comments from local authorities and civil protection actors on usability, operational procedures and additional data needs.

The training package was prepared in advance so that local trainers could use a harmonised methodology and evidence set. In line with the Application Form, the package combined operational guidance, platform-use instructions, training modules and standard annexes for documenting delivery and collecting participant feedback. This common structure helped ensure comparability across the six territorial interventions while allowing each partner to focus on locally relevant risks and operational arrangements.

2. Implementation of the six local capacity building interventions

The six local partners organised the capacity building interventions in their respective pilot territories. Each intervention fulfilled the minimum requirement of at least five participants and involved local authority staff together with civil protection and emergency-management stakeholders. The main implementation details are summarised below.



Implementing partner	Date and venue	AF participation requirement
LP1 GAL Molise	17 July 2026 - Campobasso, Italy	Fulfilled (>=5)
PP2 AGRRA	25 August 2026 - Zadar, Croatia	Fulfilled (>=5)
PP3 Maiella National Park	30 July 2026 - Sulmona (AQ), Italy	Fulfilled (>=5)
PP5 City of Dubrovnik	25 August 2026 - Dubrovnik, Croatia	Fulfilled (>=5)
PP6 RERA S.D.	25 August 2026 - Split, Croatia	Fulfilled (>=5)
PP8 Municipality of Fermo	30 July 2026 - Fermo, Italy	Fulfilled (>=5)

2.1 LP1 GAL Molise

GAL Molise held its capacity building intervention on 17 July 2026 in Campobasso. The session brought together project staff, the Molise Civil Protection and representatives of the municipalities of Busso and Montagano. The training presented the platform access structure, procedures for entering and updating information, upload and consultation of digital Civil Protection Plans, GIS visualisation of points and polygons, and the early-warning workflow based on data received from connected monitoring stations. Practical examples from the pilot municipalities were used to show how warning signals reach the platform and support emergency monitoring and response procedures.

Discussion focused on the operational responsibilities of municipalities, the identification of staff responsible for maintaining platform content, and the distinction between public, Admin and Super Admin access. The evaluation questionnaires showed an overall positive assessment and satisfactory understanding of the platform. The climate-alert functionality

was consistently identified as particularly valuable, while the main recommendation was to provide a clear and easy-to-use user manual. The session therefore met both objectives of transferring practical knowledge and collecting feedback for refinement of the operational documentation.

2.2 PP2 AGRRA

AGRRA organised an on-site capacity building intervention on 25 August 2026 in its conference hall in Zadar, in coordination with the pilot deployment activities. Participants represented municipalities, Civil Protection authorities, fire services, civil protection experts and AGRRA staff. The training covered the Digital Plan project and platform, user access, digital Civil Protection Plans, interactive GIS tools, IoT sensor integration, early-warning functions and the common Training Set. Linking the workshop with the pilot activities allowed participants to connect the platform demonstration with practical sensor data and risk alerts.

Five evaluation questionnaires were collected. The overall assessment was very positive: participants considered the platform intuitive, easy to navigate and relevant for preparedness and civil protection planning. The interactive map, digitalised Civil Protection Plans and thematic map layers were highlighted as the most useful functions. Suggested improvements included additional scenario-based exercises in future trainings and the inclusion of further operational GIS layers, such as emergency resources, evacuation points and critical infrastructure. The feedback confirmed the value of combining platform training with practical pilot demonstrations.

2.3 PP3 Maiella National Park

Maiella National Park delivered its capacity building intervention on 30 July 2026 at the Abbazia di Santo Spirito al Morrone in Sulmona. Fourteen people took part, including the five-person target group of technical officers and elected representatives from the pilot municipalities of Lama dei Peligni, Caramanico Terme and Pratola Peligna; two target-group members participated online. The session introduced the common methodology for digitalising Civil Protection Plans, the local wildfire and avalanche risk context, GIS-based plan digitalisation and the monitoring network, followed by a guided use of the public and restricted platform areas, Plan Documents, Digitalise Plan and Configure DSS, including threshold and alarm configuration.

The capacity building session was immediately followed by the pilot deployment exercise with the same participants. This sequencing proved effective because the discussion moved from understanding how the platform works to considering what the municipality should do when a threshold is exceeded. All five target-group members completed the evaluation questionnaire. Average scores were 4.3/5 for platform usability, 4.7/5 for relevance to civil protection activities and 4.4/5 for overall assessment; all respondents stated that they would use the platform if it were available and regularly updated. The main improvement area concerned easier consultation and download of data measured by the monitoring stations.

2.4 PP5 City of Dubrovnik

The City of Dubrovnik carried out its capacity building intervention on 25 August 2026 at the Dubrovnik Development Agency - DURA. The session combined an introduction to the Digital



Plan project and its common digitalisation methodology with the local pilot context, where wildfire was selected as the principal risk. The practical demonstration covered public and restricted access, Plan Documents, Digitalise Plan, GIS tools and filters, followed by DSS configuration, sensor monitoring, threshold definition, reference intervals, alarm configuration and notification management. The intervention prepared participants for direct application of these functions during the following pilot activities.

The evaluation forms confirm a positive response to the practical and spatial functions of the platform. Participants particularly valued the interactive GIS map, real-time monitoring and visualisation of risk data, digitalisation and management of Civil Protection Plans, and the integration of different data sources. Recurrent suggestions included additional hands-on time, a more intuitive process for adding and editing data, and expansion of local risk, emergency-service and critical-infrastructure layers. These comments provide concrete user-oriented input for further optimisation of the platform and training materials.

2.5 PP6 RERA S.D.

RERA S.D. organised its in-person capacity building session on 25 August 2026 in Split. Participants represented RERA, Technology Park Split, Split-Dalmatia County and civil protection/firefighting organisations. The programme introduced the platform and then focused on practical administration and operational functions: Plan Management, User Management, Guides and Manuals, Request Flow and DSS configuration. Participants were shown how to create and edit emergency plans, manage supporting documentation and user roles, submit and respond to resource requests, monitor sensors and configure thresholds and alarms.

The evaluation summary was very positive. Participants described the platform as intuitive and relevant for civil protection planning and emergency preparedness, with the interactive map, digitalised plans and thematic layers consistently identified as high-value functions. Respondents indicated that they would use the platform in their work if it is regularly updated and supported with relevant data. The forms also point to the usefulness of additional practical and scenario-based exercises and more advanced GIS examples; only minor loading delays for some map layers were noted. The collected feedback will support further user-oriented optimisation.

2.6 PP8 Municipality of Fermo

The Municipality of Fermo delivered its capacity building intervention on 30 July 2026 at Hotel Astoria in Fermo. The session involved a broad group of civil protection, municipal, police, fire brigade, prefecture and regional representatives. Participants were guided through platform access levels, data management, digital Civil Protection Plans, interactive GIS tools, sensor-generated early warnings and real-time alert management. Examples from meteorological stations in the pilot municipalities were used to demonstrate how warning signals are transmitted to the platform and how they can support coordinated emergency monitoring and response.

The discussion addressed practical alert recipients and communication channels, coordination with the Region, interaction with the single emergency number 112, direct alerts to decision-makers, data validation and the possible extension of the platform to additional hazards and infrastructure. Twelve evaluation questionnaires were collected and the overall assessment was favourable. The climate-alert feature was the most valued

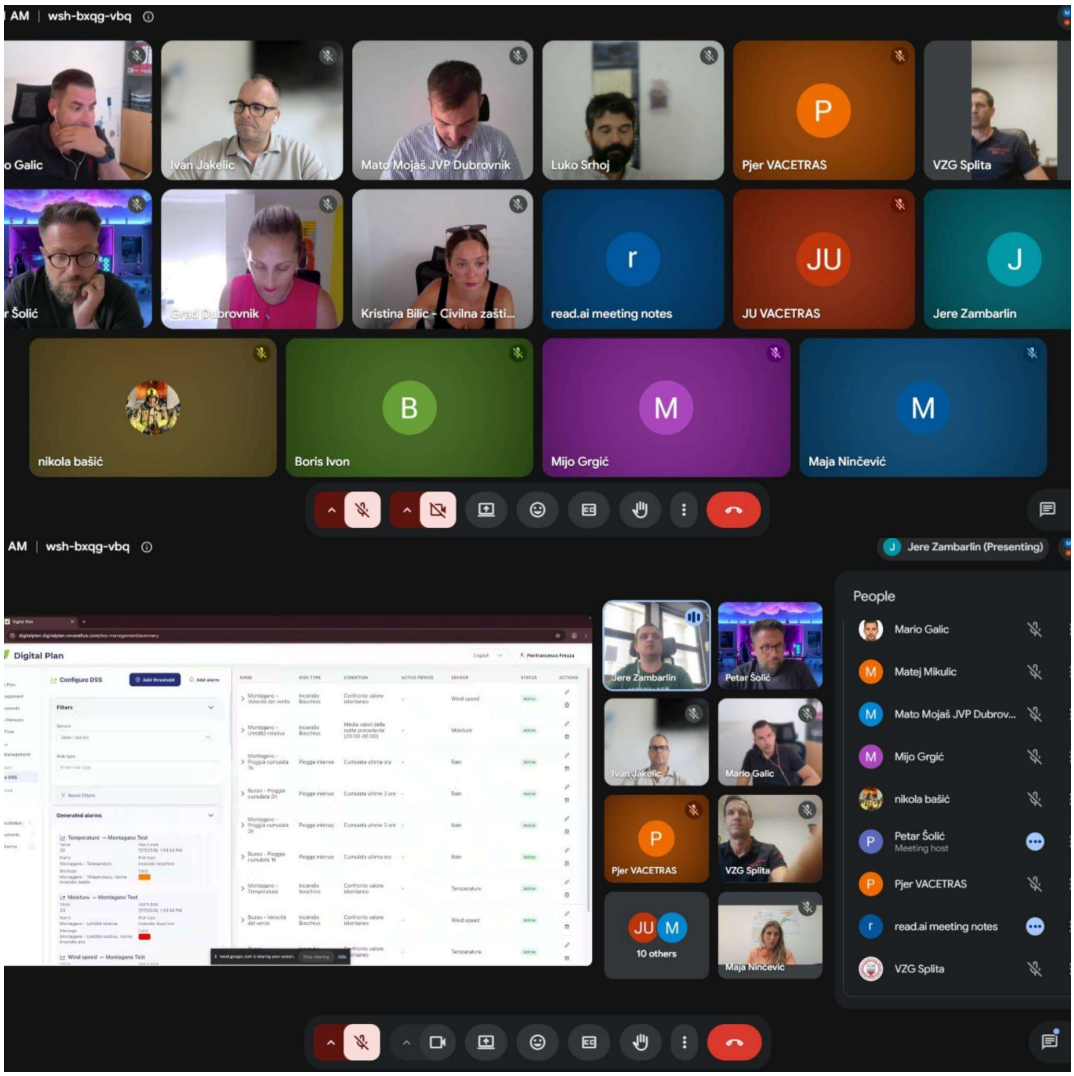


functionality, and respondents highlighted the usefulness of timely warnings for climate-related risks. As in other territories, a clear and easy-to-understand user manual emerged as an important supporting tool for operational uptake.

3. Additional preparatory activity - Training for Trainers

As an additional preparatory step, the Croatian partners took part in an online Training for Trainers session on 21 July 2026, led by FESB before the local capacity building interventions. The attendance list records 17 participants from FESB, AGRRA, the City of Dubrovnik and RERA, together with representatives of local civil protection and emergency-response organisations. In cooperation with the Lead Partner and Ca' Foscari University of Venice, FESB prepared common instructions and templates for the organisation of the training-workshops. A webinar on platform use was delivered with three-language support and interpretation; the Lead Partner produced the platform User Manual; five training modules were prepared; and common annex templates were made available for the minutes, attendance/signature list and evaluation questionnaire. Consequently, all implementing partners had a harmonised training package and documentation set available before carrying out their local sessions.





Online Training for Trainers session for Croatian partners and civil-protection stakeholders.

4. Overall evaluation findings

Across the six partner reports, the evaluation questionnaires show a consistently positive assessment of the Digital Plan platform and of the capacity building format. Participants generally considered the interface and navigation understandable, and they recognised clear added value in faster access to digitalised Civil Protection Plans, map-based information,

sensor data and DSS-supported warnings. The strongest recurring appreciation concerned the interactive GIS environment, the possibility to combine planning documents and spatial data in one system, and the configuration of thresholds and alarm notifications for early-warning purposes. The Maiella target group, for example, recorded average scores of 4.3/5 for usability and 4.7/5 for relevance, while GAL Molise, AGRRA, RERA and Fermo also reported high satisfaction and strong interest in using the platform in operational work.

The questionnaires also produced a coherent set of recommendations for the finalisation and future uptake of the platform. The most frequent needs were: clear user-oriented manuals and DSS configuration guidance; more time for hands-on and scenario-based practice; additional thematic GIS layers and local risk/infrastructure information; easier consultation, editing and download of monitoring data; and continued refinement of alert and notification procedures. These findings are directly aligned with the purpose of Activity A.2.4, because the local workshops not only transferred knowledge but also generated structured feedback for the operational manual and further platform optimisation.

- Usability and relevance were assessed positively across all territories.
- GIS, digitalised plans, sensor data, thresholds and early-warning functions were the most valued elements.
- Participants requested practical guidance, scenario exercises and clearer user documentation.



5. Conclusions

Deliverable D.2.4.1 has been completed through the implementation of six territorial capacity building interventions by GAL Molise, AGRRA, Maiella National Park, the City of Dubrovnik, RERA S.D. and the Municipality of Fermo. All six partners met the Application Form requirement of at least five participants per intervention, thereby achieving and exceeding the minimum target of 30 participations under Output 2.2. The workshops provided local authorities and civil protection stakeholders with practical knowledge of platform use and translated the technical functions of the Digital Plan into locally relevant preparedness and emergency-management workflows.

The common preparatory work - including shared guidelines and templates, the FESB-led online Training for Trainers for Croatian partners, the platform User Manual, five training modules and harmonised evaluation tools - strengthened consistency across the partnership while allowing local adaptation. Evaluation feedback confirms that users see practical value in the digitalised plans, GIS tools and early-warning/DSS functions, while also identifying concrete improvements for documentation, practical exercises, data consultation and alert procedures. The capacity building process therefore fulfilled both its training function and its feedback function, providing a solid basis for continued use, optimisation and replication of the Digital Plan approach in the partner territories.

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