



Deliverable 6.3

Plan for the Exploitation and Dissemination of Results

**VALMEDALM: Valorization of Mediterranean Almond orchards
through the use of intercropping integrated strategies**

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Document information

Deliverable Number:	6.3
Deliverable name:	Plan for the Exploitation and Dissemination of Results
Contributing WP:	WP6 - Dissemination, communication, and exploitation plan
Contractual delivery date:	M36, May 2025
Actual delivery date	M48, May 2026
Dissemination level	Public
Responsible partner:	MORE
Reviewers	All partners
Version:	1

1. Executive Summary

The Deliverable 6.3 - Plan for the Exploitation and Dissemination of Results (PEDR), is the final update of the Deliverable 6.2 - Dissemination and communication Plan, delivered in November of 2022 (M6). This document describes the dissemination and communication activities realized over the 48 months of the project and the exploitation strategy for the results.

The two key areas addressed by this deliverable are separately reported in the Exploitation Plan and the Dissemination Plan.

1. **Exploitation Plan:** consists of the routes for the exploitation of results that project partners have envisioned in the beginning of project and that has been redefined as the project technically progresses.
2. **Dissemination Plan:** describes the dissemination steps and activities that have been performed. Target groups for dissemination are identified in the D6.2 and the subjects and matters of such actions are described. The management and the related tools and activities are defined, and the partner roles are shown. As the resources dedicated to dissemination are restricted, cost-effective ways are chosen to achieve a maximum of publicity for the project and its generated results.

1.1. Objectives and scope of the PEDR

The present deliverable contains an overview of the dissemination and exploitation strategy applied by the VALMEDALM consortium to effectively distribute the results generated within the project to the relevant target audiences based on their interests and via a comprehensible manner. In particular, it indicates the guiding principles and tools for the dissemination and exploitation activities, reports on the envisaged related activities of the project and on the identified processes for the efficient monitoring and safeguarding of the IPR of the involved partners.

This document is an improvement of the D6.2 where dissemination activities have been planned to organize, present, and promote actions among the project partners and the tools to carry them out. Also, has been established the external communication plan, that involves and reports to local almond producers, agri-food SMEs, the scientific community, public bodies, European and African policymakers, and also consumers, about the VALMEDALM project, its members, services and achievements. In summary, a website and social media accounts (Facebook, Instagram and Twitter) have been created, having a public component so that anyone outside of the project can be able to obtain information about project VALMEDALM, namely where all events, publications, participation in congresses, and other relevant milestones will be announced. Also, during the 48 months of the project, 58 publications have been made on the website and social media. In summary, the VALEMDALM results allow the publication of 6 peer-reviewed articles, 3 submitted and 8 in preparation. Also, 3 technical publications, 48 participations in national and international conferences (20 poster and 28 oral communications). The

project has also disseminated in 7 press releases and 2 TV shows. The consortium organized 7 field trips or visits to demo sites, 4 workshops, 1 conference, and 5 seminars.

2. Exploitation Plan

The Exploitation Plan (EP) aims to successfully explore project's results for the benefit of science, economy and the public and to protect project's results with proper management of Intellectual Property (IP). The target users were accurately identified and analysed for their own specific needs and goals. The respective exploitation activities have been fully coordinated by the PI of the project, Alexandre Gonçalves (MORE). All VALMEDALM partners have contributed to the execution of the EP with various exploitation routes, dissemination frameworks, IPR scenarios, and the expected impacts.

2.1. Exploitable results

The identification of the exploitable results started at the proposal stage when a preliminary list of expected results was outlined (Table 1). However, some of the foreseen outputs become available throughout the course of the project, some towards the end, some may result not to be feasible, some new outputs may be identified. Therefore, it is of outmost importance to closely monitor project progresses to capture the results and to identify outcomes not foreseen at the beginning of the project, to follow up and manage them through the whole lifetime of the project. So, Exploitation Committee is responsible to support the partners in identifying the exploitable results they are interest in and in defining their exploitation strategy. Although, all partners were actively involved in the process and contributed to its application.

Table 1. Exploitation, dissemination, and protection of VALMEDALM project results.

Expected results	End-users	Exploitation routes	Dissemination	IPR	Impact
Inventory of intercropping systems in almond orchards from Mediterranean regions	- Farmers -Primary producers -Producers' associations and cooperatives	- Transfer of Knowledge - Continuous research and development - Skills and educational training	Publications Conferences Project website Seminars and workshops	NONE (open access publishing)	- Contributes to a successful implementation of intercropping system and adapted to the conditions of each Mediterranean region
Database with best intercropping practices for each Mediterranean region	-Primary producers -Producers' associations and cooperatives -Research community	- Launch a key guidance document - Skills and educational training - Transfer of Knowledge	Publications Conferences Project website Seminars and workshops	NONE (open access publishing)	- Promote the potential of intercropping practices
Optimized intercropping system in different Mediterranean regions.	-Primary producers -Producers' associations and cooperatives	- Open days and demo sites activities.	- On-farm demonstrations - Field trips training sessions - Tutorial videos	Trademarks	- Improve sustainable production and productivity rate of almonds. - Increase biodiversity and healthy products. - Improve farmers

			- Seminars and workshops		income and the use of natural resources
Implementation 6 demo sites across the Mediterranean	-Primary producers -Agrifood companies -Producers' associations and organizations - Investors - Start-ups	-Possible Scale up the intercropping practices	- On-farm demonstrations - Website - Tutorial videos - Practical abstract	NONE	- Allow farmers to see the technical and economic feasibility of intercropping system
Guidelines for stakeholder engagement in intercropping practices	Primary producers -Agrifood companies -Producers' associations and organizations	-Develop technical guidelines document -Field trips training -Webinars	- Seminars and workshops - Social media - Website - Tutorial videos - Practical abstract	NONE (open access publishing)	- Aimed at end users to improve farm productivity, product quality standards, revenues and ecosystem services with crop diversification;
Guidelines for fertilization application on almond orchards with implemented intercropping practices	Primary producers -Agrifood companies -Producers' associations and organizations	-Develop technical guidelines document - Fertilization products with specific composition	- On-farm demonstrations - Website - Tutorial videos - Practical abstract	Trademarks	- Contribute that the end users use the most suitable fertilization practices for each Mediterranean region
Best Pests and weeds Management Practices	-Primary producers -Agrifood companies -Producers' associations and organizations	-Develop technical guidelines document -Field trips training -Webinars	- On-farm demonstrations - Website - Tutorial videos - Practical abstract	Trademarks	- Propose methods for pests and weeds control in almonds orchards and for each participating Mediterranean region
Nutritional valorisation and screening bioactive compounds of intercrops and almonds produced with intercropping system.	- Research institutions - Primary Producers - Consumers - Nuts industry	- Continuous research and development -Transfer of Knowledge - Skills and educational training	- Distribution information in agriculture associations, and primary producers - Scientific publications - Website - Exchange with other projects initiatives	Trademarks	- More knowledge on intercrops species - High-quality almonds production - Economic impact on the almonds producing regions - Provide a complete nutritional factsheet of the intercrops and almonds produced with intercropping system

The development of the exploitation plan was monitored through 7 meetings (kick off meeting on 08 June 2022; on-line meeting on 11 September 2022, 26 January 2023,

24 October 2023 and 14 October 2025; and presential meeting on 3 October 2024 in Split, Croatia). Also, a Midterm term meeting has been carried out with all the consortium and the PRIMA officer to evaluate the work development (3 April 2024). At the end of the project, a presential final meeting took place in Bragança with the participation of all the partners (19 October 2026).

3. Dissemination Plan

The overall objective of this Dissemination and Communication Plan is to develop an internal and external communication plan in order to identify the necessary dissemination activities within the VALMEDALM project, as well as the existing strategies and tools to carry them out. The following are the specific objectives of the communication strategy of the VALMEDALM project:

- To raise public awareness about the project, its results and progress within target groups using effective communication means and tools, such as online and offline dissemination, scientific publications, and networking events;
- To disseminate the fundamental knowledge, methodologies and products developed in the project;
- To engage key players in the Mediterranean nut and legume industries on the project activities;
- To announce and promote VALMEDALM events, contributing to increase its attendance and potential engagement;
- To establish links and synergies with potential local Mediterranean nut and legume industries, SMEs, start-ups, investors, public bodies, and policymakers;
- To guarantee the maximum visibility of the project
- To develop dissemination materials and tools (e.g. leaflet, poster, video);
- To disseminate VALMEDALM outcomes in articles, interviews, press releases, conferences, etc
- Ensuring the achievement of impact after the end of the project.
- Define target groups for disseminating the progress and outputs of VALMEDALM to ensure the widest possible dissemination.
- Participation at local, national and international level events and conferences.
- Develop a varied set of innovative and high quality, online and printed communication tools;
- Ensure wide visibility of the project results through networking activities linked to both project specific and external events;
- Monitor the impact of the communication activities.

The Dissemination Plan was divided in internal communication activities and external communication activities

3.1. Internal communication activities (dissemination among the partners)

To ensure effective internal communication and dissemination among the VALMEDALM Consortium, partners represent an important key element for the project. First of all, the partners organizations are vital for the dissemination. They are potential users of the VALMEDALM project results, and they also carry an enormous impact on

the associated research community and in the agro-food sectors, therefore spreading a significant and wide range of influences.

The approaches for internal dissemination ranged from simply providing links to the partners institutional web pages to the VALMEDALM website, to the publication of articles in partners internal newsletters and other publications, to the demonstration in seminars and workshops. All these approaches were widely promoted and effectively developed in the intra-consortium portal created by MORE as described in deliverable D6.1 “Data Management Plan”, with the objective of storing and sharing documents and files safely, easily and quickly among all the participants of the Consortium. The internal communication also focused on the purpose of keeping all the project partners clearly informed about the planning, existing work under progress and existing or potential problems. Frequent and regular communication was maintained between the consortium partners by e-mail and other means of contact to inform, exchange and gather information about all the results generated in order to develop the External Communication Plan. This route will also be used by the project coordinator (MORE) to solve doubts or problems and to inform partners about the characteristics, information and emblems to be included in the material produced as a result of communication activities.

3.2. External communication activities

The main objective of the planned dissemination activities is to increase the visibility of the VALMEDALM project on selected communities and targeted groups at both European and International level and to further facilitate the realization of the impacts. In order to maximize the VALMEDALM impact, a target group has been identified in the beginning of the project (Table 2) and exposed in the D6.2.

Table 2. Targeted internal and external groups to which the communication plan will focus on and the adequate channels to address each purpose.

Target group	Profile	Objective	Channels
Internal			
Consortium	All VALMEDALM partners	Ensuring that the consortium is up to date on project progress and results	Website Contacts via e-mail and online meetings
External			
Scientific communities	Academia/universities Scientists R&D organizations Researchers Students Public and private research centers Technological institutes Scientific journals and other press	Disseminate the results obtained during the project and the events, seminars, and workshops organized by the network	Website Social networks Scientific publications Reports Conferences and other events (participation and organization) Seminars
Agri-food industry/Agro business sector	Local almond producers Food producers Plant-based producers	Publicize the results and the newly developed products,	Website Social networks Promotional materials

	Agricultural associations Start-ups Investors Agri-food SMEs Food industry	as well as transfer the generated knowledge	Events organization Informative bulletins Scientific articles Reports Participation in fairs Product demonstration
General public	Almond consumers Plant-based consumers	Promote the products developed under intercropping practices, collect information regarding local farmers and producers	Website Social networks Local workshops Practices and product demonstration
Policy makers	Health councils Decision makers Regulators European and African policy makers	Inform on the project outcomes	Patents Social networks Local workshops

All the dissemination material was identified with the PRIMA and EU symbols (Figure 1) to display the project's funding entities. Also, a short acknowledgement statement: "VALMEDALM project has financial support provided by PRIMA programme, Call 2021, Section 2 Multi-Topic. The PRIMA programme is supported by the European Union."



Figure 1. Symbols of the financing entities

3.2.1. Dissemination tools

Visual identity

The visual identity plays a fundamental role in the communication plan. The identity was designed and thought so that almonds and intercrops can be identified in the logo and so that its elements are graphically coherent (Figure 2). The flower is related to the almond tree flower and the colour used has been chosen to underline the natural colour of the almond trees flower, in order to relate strongly with almond orchards. The dots and connections relate to the different intercropping strategies and practices to be used and studied in the project. Moreover, the name of the project is included in the logo to make the target audience remember (visual memory) the name of the project, and so that then interested audiences be able to find information through the name.



Figure 2. VALMEDALM logo

Website

To achieve the maximum visibility for the VALMEDALM objectives and various results, a project website has been created and properly registered in the “.eu” domain and with intuitive URLs to increase visiting rates. The VALMEDALM website has the following URL: <https://valmedalm.org/> (Figure 3).



Figure 3. VALMEDALM website

All the website sections are freely accessible and allow a consultation of the project’s objectives, work packages, the consortium, the capabilities of each member and the services that they can offer, the existing demo sites, training and research materials, as well as news and events that will take place within the project activities. Also, PDF links of promotional materials and articles produced by the consortium partners.

Social media

The presence of VALMEDALM in social networks aims to strengthen the project visibility, promote the website and help increase the network of contacts. The project has a social media presence through Facebook (<https://www.facebook.com/valmedalm/>), X (<https://x.com/home>) and Instagram (<https://www.instagram.com/valmedalm/>) to ensure dissemination and public engagement with a wider audience (Figure 4). In addition, all consortium members have the possibility to share these publications with their own networks of contacts on each of the pages.

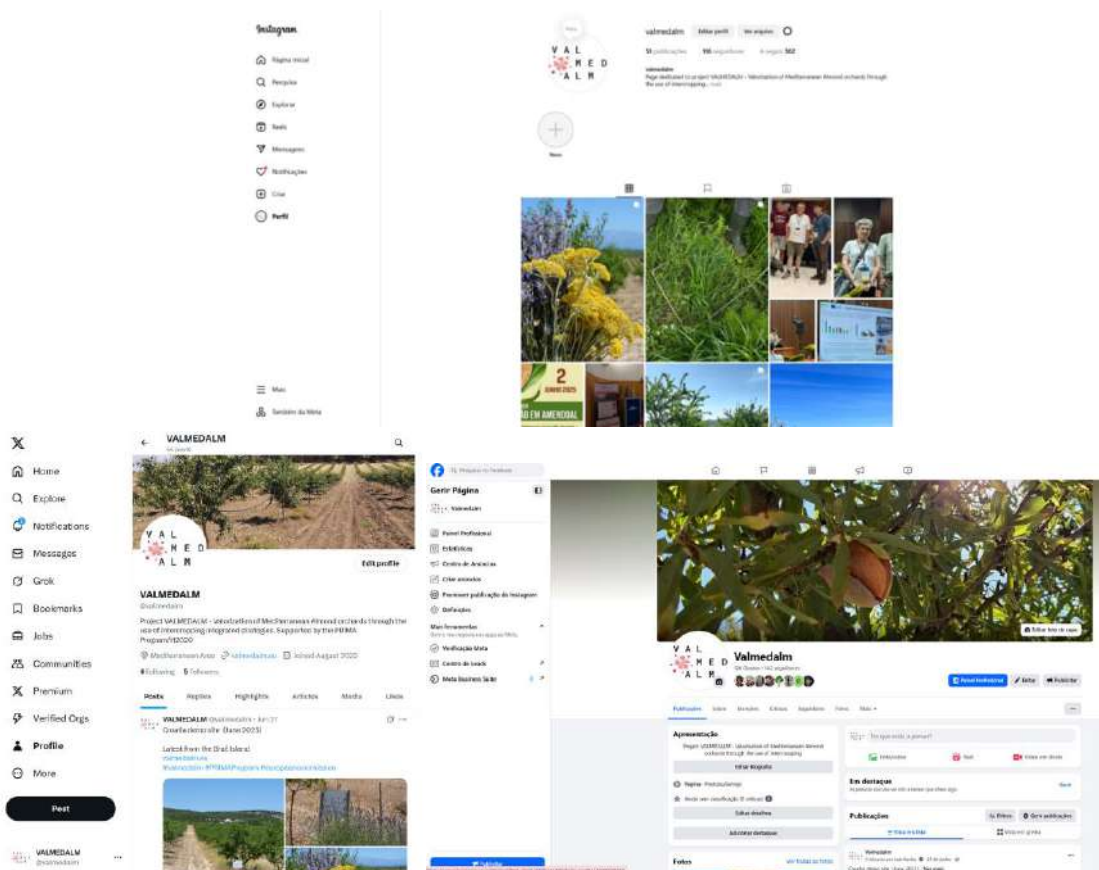


Figure 4. VALMEDALM Instagram, X and Facebook.

Brochures

As planned, a project brochure (Figure 5) has been produced and released during the project's first year. The main purpose of the project VALMEDALM brochure was to provide the public with an appealing and easy-informative overview of the project and a summary of the principal ambitions and aspects of the project. The brochure presented the aims of the project and the expected findings. The text was developed to allow experts and a non-specialist public to be achieved. Furthermore, the text includes the website address and provides basic information on VALMEDALM. The brochure was distributed in paper format in events or conferences where the project participates.



Figure 5. Project VALMEDALM brochure.

Poster

A VALMEDALM poster (Figure 6) was developed and available for all partners to display at the various events, as a dissemination mean. The essential purpose of the poster was to capture the full attention of the public, illustrating the project's goals and the basic information of the project and its consortium.



Figure 6. VALMEDALM poster in Workshop in Portugal and in Italy.

Official presentation

A VALMEDALM project and provided to all the partners. This VALMEDALM official presentation (Figure 7) was confidential within the project partners to be used as a communication tool. All partners have been able to add further information and additional slides to this basic general presentation for their specific dissemination uses.



Figure 7. VALMEDALM official slides-presentation template

Also, different templates have been designed to establish a similar image in all documents used during the VALMEDALM project:

- Deliverable Report Template
- Word Template
- Excel Timesheet Template

Newsletter

During the project, 3 e-Newsletter was produced with input and support from all VALMEDALM partners. The e-newsletters allowed provide information on the progress of the project showing the results, paper published, news and events that occurred during the project. The newsletters were available on the project website and social media, in order to improve visibility of the project via electronic reaching industry, associations and policy makers at European, national, and regional level.



Press releases

The VALMEDALM project have been published in 8 press releases:

- Vida Rural (<https://www.vidarural.pt/id/projeto-valmedalm-amendoal/>);
- QualFood (<https://www.qualfood.com/noticias/item/3101-portugal-lidera-parceria-internacional-para-potenciar-o-amendoal-na-regiao-do-mediterraneo/>);
- Noticias do Nordeste (https://noticiasdonordeste.pt/portugal-lidera-parceria-internacional-para-potenciar-o-amendoal-na-regiao-do-mediterraneo/?fbclid=IwAR1hXMB7Up_YFmGYHUV9opndRHIMpMKW7OI0gt6_ViWIZjg4cSC0KmYQuFQ);
- Voz do Campo (<https://vozdocampo.pt/2022/06/28/portugal-lidera-parceria-internacional-para-potenciar-o-amendoal-na-regiao-do-mediterraneo/>);
- Frutas, Legumes e Flores (<https://www.flfrevista.pt/2022/06/projeto-internacional-procura-novas-estrategias-para-o-amendoal-mediterraneo/>);
- Fresh Plaza (<https://www.freshplaza.it/article/9569833/sostenibilita-e-valorizzazione-della-coltivazione-del-mandorlo-nel-mediterraneo/>);
- Corriere Ortofrutticolo (<https://www.corriereortofrutticolo.it/valmedalm-progetto-internazionale-lanciato-vincere-sfida-valorizzare-mandorlo-nel-mediterraneo/>);

TV dissemination

The VALMEDALM project was disseminated in the Croatian TV Channel (HRT TV) (Figure 8) on 2 April of 2023 in the program "Plodovi zemlje", under the name "Kad

bajamici zamirišu" which translates to "When the almond smell" (https://www.youtube.com/watch?v=X_gITcdkdXU) and on 13 October of 2024 in the program Plodovi zemlje /Fruits of the Earth (<https://www.youtube.com/watch?v=6XkmgG79Pmg>).



Figure 8. Croatian TV Channel (HRT TV)

Platform to share knowledge and expertise

VALMEDALM project has been disclosed in the *IWRM Action Hub - Integrated Water Resources Management* and WEFE4MED – Mediterranean Water, Energy, Food, Ecosystems Nexus Community of Practice platforms. These platforms are important to share knowledge and expertise about their implementation experiences and bring relevant stakeholders together to improve the way water is managed around the world. VALMEDALM project is available in the following links:

- <https://iwrmactionhub.org/case-study/mediterranean-valorization-mediterranean-almond-orchards-through-use-intercropping>
- <https://wefe4med.eu/demo/valorization-mediterranean-almond-orchards-through-use-intercropping-integrated-strategies>

3.2.2. Technical sheets for farmers

VALMEDALM released online technical sheets for famers (Figure 9) on its website and social media channels outlining the best management practices for optimizing almond tree yield and quality. The technical sheets development was informed by a review paper published in *Horticulturae* as well as the project's primary findings.

Farmer Fact Sheets

Horticulture 2026, 12, 384



1. Intercropping and Productivity

Intercropping system is a viable strategy to improve crop productivity:

- Increase nutrient use efficiency
- Optimize spatial arrangements



Learn more about the project:
<https://valmedalm.eu/>



Farmer Fact Sheets

Horticulture 2026, 12, 384



2. Intercropping and Yield

Intercropping can improve crop yield by:

- Increasing N nutritional status and net photosynthetic rate
- Improve soil temperature and water availability (e.g. due to the mulch)



Learn more about the project:
<https://valmedalm.eu/>



Farmer Fact Sheets

Horticulture 2026, 12, 384



3. Intercropping and crop quality

Intercropping may improve crop quality:

- Increase antioxidant activity and total polyphenol content of fruits



Learn more about the project:
<https://valmedalm.eu/>



Farmer Fact Sheets

Horticulture 2026, 12, 384



4. Intercropping and soil quality

Intercropping can improve soil quality:

- Improve physical properties of the soil, soil organic carbon content, macro and micronutrients and microbial activity



Learn more about the project:
<https://valmedalm.eu/>



Farmer Fact Sheets

Horticulture 2026, 12, 384



5. Intercropping and soil moisture

Intercropping may improve soil moisture:

- Increase water infiltration and improving soil water availability by facilitating water movement and ensuring optimal moisture distribution in the soil



Learn more about the project:
<https://valmedalm.eu/>



Farmer Fact Sheets

Horticulture 2026, 12, 384



6. Intercropping and soil microbiome

Intercropping improves soil microbiome:

- positive shifts in root-soil-microbiota interactions under drought conditions



Learn more about the project:
<https://valmedalm.eu/>





Figure 9. Ten Farmer fact sheets developed during the Valmedalm project.

3.2.3. Publications in international peer-reviewed journals and conference proceedings

All project partners published and presented their scientific advancements in the form of technical papers in relevant journals and magazines, both individually and collectively. Scientific publications are a powerful means to disseminate highly relevant project information and to engage the interest of members from various target groups. Publications in specialized journals and papers published in pertinent events draw the attention of researchers and place an opportunity for collaboration within the purposes of VALMEDALM. Whenever possible, the project publications were archived or linked to the VALMEDALM website.

In the VALMEDALM project, a total of 6 peer-review publications have been published:

- Bruna Moreira, Alexandre Gonçalves, Luís Pinto, Miguel A. Prieto, Márcio Caroch, Cristina Caleja, Lillian Barros (2024). Intercropping Systems: An Opportunity for Environment Conservation within Nut Production. *Agriculture* 14, 1149. DOI: <https://doi.org/10.3390/agriculture14071149>.
- Ben-Simchon, E., Fireman, J., Wolicki, D., Yoge, G., Levi, M., and Shelef, O. (2025). A winning combination, *Alon Hanote'a* (Hebrew). https://www.researchgate.net/publication/390488961_A_winning_combination_Hebrew.
- Tadesse, Z., Belayneh, R., Fireman, J., Coll, M. and Shelef, O. (2026). Soil microarthropod assemblage under various vegetation covers: A bioindicator approach in agriculture. *Applied Soil Ecology*, 218, p.106746. DOI: <https://doi.org/10.1016/j.apsoil.2025.106746>.
- Ermelinda Silva, Sara Najjari, Oren Shelef, Roza Belayneh Ayalkibet, Frane Strikic, Mario Bjeliš, Rosalina Marrão, Valeria Borsellino, Marcello D'Acquisto, Emanuele Schimmenti, Cristina Caleja, Lillian Barros, Alexandre Gonçalves. (2026). Mediterranean Intercropping Production Systems: Challenges and Opportunities. *Horticulturae*, 12, 384. DOI: <https://doi.org/10.3390/horticulturae12030384>.
- Gugić, J., Strikić, F., Bjeliš, M., Paštar, M., Bešker, V. (2026) Analiza troškova i koristi ekološke proizvodnje bajama. *Glasnik zaštite bilja*, 49 (2026), 3; 30-39.
- Belayneh, RS., Baram, SCI., Harpaz-Saad, SCI., Lati, R.NCI. and Shelef, O. Impact of Tree-Line Row Cover Crops on Almond Tree Physiology, Productivity, and Resource Efficiency. *Agricultural Water Management*. <http://dx.doi.org/10.2139/ssrn.6810301>.

Also, 3 peer- reviewed publications has submitted and 8 drafts will be submitted soon to peer review journals:

- Bruna Moreira, Ermelinda Silva, Alexandre Gonçalves, Rosalina Marrão, Tânia Pires, Tiane C. Finimundy, Miguel A. Prieto, Márcio Caroch, Cristina Caleja, Lillian Barros. Influence of Irrigation Management and Legume Intercropping on Almond (*Prunus dulcis* Mill.) Nutritional Quality over Three Years. (submitted)
- Bruna Moreira, Ermelinda Silva, Alexandre Gonçalves, Valeria Borsellino, Rossana Cardoso, Tiane C. Finimundy, Miguel A. Prieto, Márcio Caroch, Cristina Caleja, Lillian Barros. Impact of Sulla coronaria and Medicago spp. Intercropping on the Nutritional and Bioactive Composition of Almond (*Prunus dulcis* Mill.) in Sicily. (submitted).
- Bruna Moreira, Ermelinda Silva, Alexandre Gonçalves, Adnane El-Yaacoubi, Rossana Cardoso, Tiane C. Finimundy, Miguel A. Prieto, Márcio Caroch, Cristina Caleja, Lillian Barros. Almond (*Prunus dulcis* Mill.) and

Fava Bean (*Vicia faba* L.) Quality in a High-Altitude Non-Irrigated Moroccan Intercropping System: A Two-Year Study. (submitted).

- Ben-Simchon, ES., Yogev, GS., Fireman, JS., Wolicki, DS., Belayneh, RS., Yichalal, ZS., Levi, MS., Tadesse ZS., and Shelef, O. Establishing Agroforestry and Mixed Farming Systems in Drylands. Agroforestry Systems (Special Issue after the EURAF 2026 annual meeting, nearing a First Draft).
- Claudio Mirabella, Martina Agosta, Marcello D'Acquisto, Emanuele Schimmenti, Maria Crescimanno, Valeria Borsellino. Stakeholder perspectives on intercropping adoption in the Mediterranean. (planned to be submitted to Agriculture, Ecosystems and Environment in June-July 2026).
- Bruna Moreira, Ermelinda Silva, Alexandre Gonçalves, Frane Strikic, Tânia Pires, Tiane C. Finimundy, Miguel A. Prieto, Márcio Caroch, Cristina Caleja, Lillian Barros. Two-Year Assessment of Bioactive Properties and Productivity of Aromatic Plants Intercropped with Almond (*Prunus dulcis* Mill.) in a Croatian Orchard System. (planned).
- Bruna Moreira, Ermelinda Silva, Alexandre Gonçalves, Adnane El-Yaacoubi, Rossana Cardoso, Tiane C. Finimundy, Miguel A. Prieto, Márcio Caroch, Cristina Caleja, Lillian Barros. Impact of Almond Intercropping on the Nutritional and Bioactive Profile of Fava Bean (*Vicia faba* L.) and Lentil (*Lens culinaris* Medik.) over Two Consecutive Production Years in Morocco. (planned).
- Bruna Moreira, Tiago Azevedo, Paula A. Oliveira, Luis Félix, Fernanda Seixas, Ermelinda Silva, Alexandre Gonçalves, Miguel A. Prieto, Márcio Caroch, Cristina Caleja, Lillian Barros. Effects of *Helichrysum italicum* Extract and Almond (*Prunus dulcis* Mill.) Co-Administration on Physiological Parameters of FVB/n Mice: A Subacute *In Vivo* Study. (planned).
- Sara Najjari; Jamal Charafi; Hakim Outghouliast; Khalid Daoui; Amal Labaiou, Alexandre Gonçalves and Adnane El Yaacoubi. Effect of intercropping on physiological behavior of Almond and Faba bean crops under Moroccan climate conditions. (planned to Euro-Mediterranean Journal for Environmental Integration, 08/2026).
- Sara Najjari; Jamal Charafi; Hakim Oiyghouliast; Khalid Daoui; Alexandre Gonçalves and Adnane El Yaacoubi. Agro-physiological assessment of lentil intercropping in Mediterranean almond orchards. (planned to Atlas Journal of Biology, 09/2026).
- Oussama Moussaoui, Hakim Ooutghouliast, Atman Adiba, Doha Belkachach and Adnane El Yaacoubi. Enhancing agroecosystem resilience: productivity

and resource use efficiency in almond-broad beans intercropping (planned to Agroforestry Systems, 09/2026).

Additionally, 3 technical publications have been published:

- Lobo Santos, A.; Ramos, M. & Marrão (2023). Avaliação da artropodofauna de amendoais sob diferentes sistemas de manutenção do solo e regime hídrico. Revista de Ciências Agrárias 46 (6): 181-187. DOI: <https://doi.org/10.19084/rca.31344>.
- Marrão, R.; Morais-Silva, J. & Lobo Santos, A. (2023). Avaliação da disponibilidade de água nas folhas em amendoal de sequeiro. Revista AGROTEC n° 49, 42-44pp. <https://www.calameo.com/read/0062435361c4c0c86b843>.
- Ermelinda Silva; Susana Araújo; João Moutinho; Albino Bento; Alexandre Gonçalves. Pólo de Inovação de Mirandela afirma-se como living lab da bioeconomia mediterrânica. Revista Voz do Campo, pp 54-55, n° 304. June 2026.

3.2.4. Participation and presentations in conferences

Another proposal of VALMEDALM was to promote both oral and poster presentations at scientific conferences targeting pertinent domains for the project. The impact of presentations on this type of event is very high due to the attendance of relevant scientists and industrial experts. National and international conferences are therefore a magnificent opportunity to share results with top experts in their respective fields and so achieve an efficient dissemination of the project. Participation in workshops, meetings and other events such as trade fairs and exhibitions represent tremendous chances for dissemination. At the end of the project, VALMEDALM partners participated with 28 oral communications and 20 poster communications in national and international conferences.

Oral communication

- Sara Najjari, Jamal Charafi, Khalid Daoui, Hakim Outghouliast, Karima Mahdaoui, Adnane El Yaacoubi. Physiological study of fava bean and lentil in intercropping with almond trees in Morocco, page 78. *II International Congress on "Environment and Natural Resources: Challenges and Solutions* (ENRSC2023), Khenifra, Morocco, 30-31 May 2023.
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3.2.6. Organization of Conferences, Workshops and Seminars

To achieve wide dissemination of the main results, VALMEDALM partners support the organization of workshops, seminars and conferences aimed at academics, schools, industrial and producer associations and the general public, ensuring a direct source of information for end users. VALMEDALM partners organized 4 workshops, 5 seminars and 1 conference.

<i>Type of activity</i>	<i>Title</i>	<i>Location</i>	<i>Partner</i>	<i>Date</i>	<i>N° participants</i>
<i>Seminar</i>	The importance of Mediterranean cooperation – The case of VALMEDALM	Khenifra, Morocco	USMS, INRA	November 2023	~50
<i>Workshop</i>	Almond Cultivation with Intercrops	Trilj, Croatia	UNIST	December 2023	~15
<i>Workshop</i>	Pruning workshop	Brac, Croatia	UNIST	February 2024	~15
<i>Seminar</i>	Visita Técnica e Seminário	Alfândega da Fé, Portugal	CNCFS, MORE	March 2024	~20
<i>Workshop</i>	Workshop and technical visit to Portuguese demo site	Macedo de Cavaleiros, Portugal	CNCFS, MORE	June 2024	~25
<i>Seminar</i>	Technical seminar on research and innovation in almond	Mirandela, Portugal	CNCFS	June 2025	~15
<i>Seminar</i>	Seminar and Field Trip in Agrigento	Agrigento, Italy	UNIPA	June 2025	~50
<i>Seminar</i>	International Seminar VALMEDALM Open Day	Mirandela, Portugal	MORE	May 2026	40
<i>Workshop</i>	Innovative fruit production systems in the Mediterranean	Dugopolje, Croatia	UNIST	May 2026	~25
<i>Conference</i>	1 st International Congress for Sustainable Ecosystems in the Mediterranean Area	Split, Croatia	UNIST	October 2024	

3.2.7. Field trips/ visit to demo sites

During the four-year project, seven field trips to different demonstration sites were organized in Morocco (1 visit), Portugal (3 visits), Croatia (2 visits) and Italy (1 visit).

These visits successfully demonstrated effective intercropping practices across participating countries, sharing valuable knowledge with local farmers, agricultural associations, and interested public stakeholders.

3.2.8. Participation in fairs and events

Valmedalm partners also participated in other activities such fairs or national events of dissemination. In this sense, Valmedalm project has represented in European Researcher Night in Split, Croatia (September 2029 and June 2024) by the UNIST partner; in International Exhibition of Agricultural and Agrifood Technology organized in Beni Mellal, Morocco from 2nd to 5th March 2023, by the USMS partner; and in XXXII National Conference of the Italian Society of Agro-food Economics (SIEA), Sicily, Italy, 27-29 June 2024, by the UNIPA partner.

3.2.9. Networking with other EU-funded projects

The VALMEDALM project actively connected with numerous national and international research and innovation initiatives, both contributing to and benefiting from external outputs. Over its duration, the project prioritized scientific knowledge exchange and joint dissemination activities with other internationally funded projects. This event joined together several PRIMA projects (FORECAST), Horizon Europe (LivingSoiLL and PROSPER), INTERREG-SUDOE (ECOSPHEREWINES) and La Caixa (UVineSafe).

4. Conclusion

This deliverable has provided a list of the main dissemination and communication activities carried out during the 48 months of the project and has described the approach, actions, materials, and strategies used for external communication. Furthermore, this document also provides information on exploitable results including aspects such as the definition, exploitation routes, exploitation path and dissemination activities and adoption.

5. Appendix A: VALMEDALM Consortium

