

# NEWSLETTER

# VALMEDALM



EDITION Nº 2 | NOVEMBER 2025



In this newsletter, some of the events where the main results of the VALMEDALM project have been disseminated. Also, some results have been published in scientific and technical publications.

**See more about the project:**

**Website**

<https://valmedalm.eu/>

**Instagram**

(<https://www.instagram.com/valmedalm/>)

**X**

<https://x.com/valmedalm>

**Facebook**

(<https://www.facebook.com/valmedalm/>)

## Demo site news (work progress 2025)

### Portuguese demo sites



Sowing of chickpea (April 2025) and almond harvest (September 2025)



### Croatian demo site



Almond blossom (March 2025) and aromatic blossom (June 2025)

### Italian demo site



Cover crops (April 2025) and almond harvest (August 2025)

### Moroccan demo site



Sowing of Fava bean (December 2024), almond blossom (Mars 2025) and Fava bean harvest (May 2025)



## SEMINAR, WORKSHOPS AND FIELD TRIPS

### Technical seminar in Mirandela, Portugal (2 June 2025)

On June 2<sup>nd</sup>, the partner **CNCFS** organized a TECHNICAL SEMINAR ON RESEARCH AND INNOVATION IN ALMOND that took place on ESACT-IPB (Mirandela). This event provided a valuable platform for producers, technicians, students, and researchers to share insights and get up-to-date on the innovations and challenges shaping the future of almond farming.



### Seminar and Field Trip in Italian demo site (11 June 2025)

On June 11<sup>th</sup>, **UNIPA** partners hosted a VALMEDALM seminar in Agrigento, Italy. Dr. Valeria Borsellino and her team presented the project's activities, both on-site and those carried out by all partners. A discussion followed, gathering insights into intercropping practices for multi-criteria analysis and Q methodology. The event also included a field trip to the Italian demosite, where participants visited almond trees, as well as pecan trees interplanted with pomegranates and pistachios. Colleagues and farmers from various nationalities attended these activities.





## Meetings, conferences and trade fairs

**VALMEDALM partners shared the project results with different stakeholders, through participation in several events (meetings, conferences, trade fairs) in different countries.**

### **1<sup>st</sup> International Congress of Mediterranean Agroecology**

9<sup>th</sup> -12<sup>nd</sup> June 2025 in Agrigento, Italy

The partners UNIPA, UNIST and ARO participated in the 1<sup>st</sup> International Congress of Mediterranean Agroecology, that took place in Agrigento, Italy from 9 to 12 June 2025.



### **International Congress on Agrobiodiversity and Climate Change**

25 and 26 February 2025 in Larach, Morocco

**INRA** participated in the International Congress on Agrobiodiversity and Climate Change at the Larach Multidisciplinary Faculty, that took place in Morocco from 25 and 26 February 2025.



### **I International Symposium (ISHS) on Temperate Tree Nuts**

25<sup>th</sup> – 31<sup>st</sup> August 2025 in Naples and Alba, Italy

**UNIPA** participated in the I International Symposium (ISHS) on Temperate Tree Nuts, that took place in Naples and Alba from 25-31 August 2025. In this conference, UNIPA presented the preliminary research outcomes

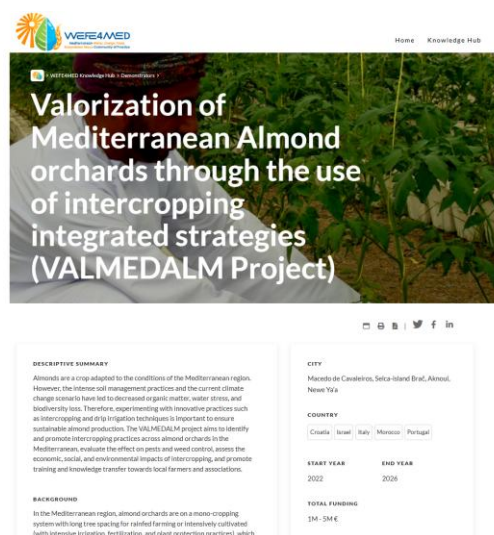
from the VALMEDALM project, conducted at the University of Palermo, focusing on key management practices for almond production in Mediterranean environments.



## Others

The VALMEDALM project has been disseminated on 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>



## Publication

### Peer-review publications

- Bruna Moreira, Alexandre Gonçalves, Luís Pinto, Miguel A. Prieto, Márcio Carrocho, 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>.

## Technical publications

- Lobo Santos, A.; Ramos, M. & Marrão (2023). Avaliação da artropodofauna de amendoeiras 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 amendoeira de sequeiro. Revista AGROTEC nº 49, 42-44pp. <https://www.calameo.com/read/0062435361c4c0c86b843>.

## Conference proceedings

- Bruna Moreira, Ermelinda Silva, Alexandre Gonçalves, Sara Najjari, Oussama Moussaoui, Adnane El-Yaacoubi, Hakim Outghouliast, Jamal Charafi, Miguel A. Prieto, Márcio Carrocho, Cristina Caleja, Lillian Barros. Impact of intercropping on the nutritional composition of faba beans and lentils in Morocco: a two-year assessment. International FoodTec Conference – Shaping the Future of Sustainable Food Ecosystems, pp 285. Bragança, 27-29 October 2025. ISBN 978-972-745-362-7.
- Bruna Moreira, Ermelinda Silva, Alexandre Gonçalves, Sara Najjari, Oussama Moussaoui, Adnane El-Yaacoubi, Hakim Outghouliast, Jamal Charafi, Miguel A. Prieto, Márcio Carrocho, Cristina Caleja, Lillian Barros. Nutritional and physical characterization of almonds in Moroccan intercropping systems. International FoodTec Conference – Shaping the Future of Sustainable Food Ecosystems, pp 282. Bragança, 27-29 October 2025. ISBN 978-972-745-362-7.
- Bruna Moreira, Ermelinda Silva, Alexandre Gonçalves, Rosalina Marrão, Miguel A. Prieto, Márcio Carrocho, Cristina Caleja, Lillian Barros. Efeito do regime hídrico e de culturas intercalares na qualidade e produtividade de *Prunus dulcis* Mill. em três anos de produção. XXIX Encontro Luso-Galego de Química, pp 98. Braga, 10-12 November 2025.
- Bruna Moreira, Ermelinda Silva, Alexandre Gonçalves, Sara Najjari, Oussama Moussaoui, Adnane El-Yaacoubi, Hakim Outghouliast, Jamal Charafi, Miguel A. Prieto, Márcio Carrocho, Cristina Caleja, Lillian Barros. Impacto do cultivo intercalar na qualidade nutricional de favas e lentilhas em Marrocos ao longo de dois anos. XXIX Encontro Luso-Galego de Química, pp 290. Braga, 10-12 November 2025.

**Acknowledgments:** This project is co-funded by PRIMA Section 2-Multi-topic 2021: VALMEDALM (PRIMA/0014/2021) and funded through national funding from Portugal, Croatia, Italy, Israel and Morocco.