

NEWSLETTER NO. 3



PROJECT UPDATE

During the final phase of the LIFE ClimaMED project, significant progress was achieved in demonstrating the transferability and replicability of the project's innovative greenhouse gas (GHG) monitoring methodology across the Mediterranean region.

Through pilot activities, technical demonstrations, stakeholder engagement and capacity-building actions implemented in Greece, Cyprus, Spain and Italy, the project confirmed the potential of its innovative monitoring approach to support climate-smart agriculture and future greenhouse gas monitoring initiatives.

The activities carried out under Action C5 generated valuable technical knowledge, strengthened international cooperation and laid the foundations for the future uptake of the ClimaMED methodology beyond the project's lifetime.

PROJECT HIGHLIGHTS



**4 MEDITERRANEAN
COUNTRIES**



**INTERNATIONAL
COOPERATION**



**CAPACITY
BUILDING**



**SUPPORTING CLIMATE -
SMART AGRICULTURE**



DEMONSTRATING TRANSFERABILITY ACROSS THE MEDITERRANEAN

Action C5 demonstrated the transferability of the LIFE ClimaMED methodology across four Mediterranean countries through pilot activities, technical demonstrations, stakeholder engagement and capacity-building actions. These activities confirmed the potential of the project's innovative monitoring approach under diverse environmental conditions.

GREECE



Greece served as the project's main demonstration area, where the LIDAR monitoring systems operated successfully under real agricultural and livestock conditions. The pilot activities provided valuable greenhouse gas measurements and demonstrated the operational performance of the ClimaMED methodology.

SPAIN



In Spain, stakeholders participated in training sessions, technical meetings and pilot field preparations. These activities strengthened technical readiness and supported the future replication of the ClimaMED methodology in Mediterranean agricultural systems.

ITALY



Installation activities in Italy provided valuable technical experience under challenging environmental conditions, contributing to the refinement of future deployment strategies.

CYPRUS



Cyprus focused on capacity building through workshops, technical training and stakeholder engagement. Educational material was developed in multiple languages, supporting knowledge transfer and promoting the wider adoption of the ClimaMED methodology.

DISSEMINATION & CAPACITY BUILDING

Throughout Action C5, dissemination and capacity-building activities played a key role in promoting the transferability of the LIFE ClimaMED methodology. Workshops, technical demonstrations, stakeholder engagement and educational resources strengthened collaboration and increased awareness of innovative greenhouse gas monitoring approaches across the Mediterranean region.

International Collaboration



International collaboration was strengthened through conferences, technical meetings and the signing of a Memorandum of Understanding (MoU), fostering long-term cooperation among project partners and stakeholders while supporting the future replication of the LIFE ClimaMED methodology.

Technical Training & Knowledge Exchange



Technical training sessions and hands-on demonstrations enabled stakeholders to become familiar with the Climate Monitoring Mechanism (CMM) platform and the operation of the LIDAR monitoring system. These activities enhanced technical capacity and supported the future adoption of the project's monitoring methodology.

Workshop & Stakeholder Engagement



Workshops organised in Cyprus brought together representatives from public authorities, research institutions and the agricultural sector. Participants explored the LIFE ClimaMED methodology, exchanged knowledge and discussed innovative approaches for greenhouse gas monitoring and climate-smart agriculture.

SCIENTIFIC DISSEMINATION & COMMUNICATION

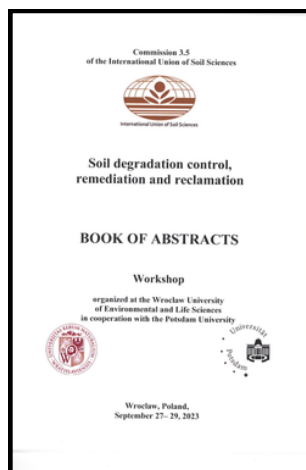
Scientific dissemination remained a key priority of the LIFE ClimaMED project. Throughout the project, partners actively participated in international scientific events and contributed to the publication of research findings, promoting the project's innovative methodology and supporting knowledge exchange within the scientific community.

OpenEARTH 2024 Conference



LIFE ClimaMED was showcased at the OpenEARTH 2024 Conference in Rethymno, Crete, where project partners presented the project's methodology and exchanged knowledge with scientists, researchers and agricultural stakeholders. The conference provided an excellent opportunity to promote innovative approaches for greenhouse gas monitoring and climate-smart agriculture.

Selected Scientific Publications



During the project, several scientific publications were produced, presenting the methodologies, technologies and research outcomes developed within LIFE ClimaMED. These publications contribute to the dissemination of project results and support future research and innovation in greenhouse gas monitoring and sustainable agriculture.

BUILDING THE FUTURE OF CLIMATE-SMART AGRICULTURE

Looking Beyond the Project

Although the LIFE ClimaMED project has reached its conclusion, its impact continues through a comprehensive After LIFE Plan. The technologies, methodologies and partnerships developed during the project provide a strong foundation for the long-term monitoring and management of greenhouse gas emissions in Mediterranean agriculture



OPERATIONAL LIDAR MONITORING

The LIDAR monitoring system will continue to support greenhouse gas monitoring under real agricultural conditions and provide reliable environmental data for future applications.



CMM PLATFORM

The Climate Monitoring Mechanism (CMM) platform will remain a central digital tool for monitoring, visualising and managing greenhouse gas emissions and soil organic carbon dynamics.



WIDER REPLICATION

The LIFE ClimaMED methodology is expected to support future deployment across Mediterranean countries through collaboration with research organisations, public authorities and agricultural stakeholders.



LIFE ClimaMED Project Consortium

Working together for a more sustainable and climate-resilient Mediterranean agriculture



Benaki
Phytopathological
Institute



TECHNICAL UNIVERSITY
OF CRETE

Green Projects



FOUNDATION FOR RESEARCH AND TECHNOLOGY - HELLAS



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CeRSAA



HELLENIC REPUBLIC
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<https://life-climamed.eu>

AFTER LIFE ROADMAP

SHORT TERM
2025-2025



Operational Development

MEDIUM TERM
2027-2030



Policy Integration

LONG TERM
2031-2035



Mediterranean Replication

BEYOND
2035



Long-term Sustainability

