

# REGACE – Crop Responsive Greenhouse Agrivoltaics System with CO<sub>2</sub> Enrichment for Higher Yields

## Project Deliverable Report

### DELIVERABLE 9.3 – CONSORTIUM MEETINGS

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## List of Abbreviations

Alzahrawy Society	AZS
Fattoria Solidale del Circeo	FSC
University of Rome Tor Vergata	UNITOV
University of Thessaly	UTH
Humboldt University of Berlin	UBER
Tel Aviv University	TAU
University of Natural Resources and Life Sciences, Vienna	BOKU
Bio-Gärtnerei Watzkendorf GmbH	BW
Interteam Project Management	Interteam
Agora Partners	AP
Trisolar Ltd.	TriSolar
Time.lex	TL
Work Package	WP



## Executive Summary

Consortium meetings played a central role in the effective governance, coordination, and successful implementation of the REGACE project. Throughout the project lifecycle, these meetings provided a structured forum for strategic alignment, technical integration, risk mitigation, and decision-making across all work packages. By combining in-person meetings, online coordination sessions, and a final public conference, the consortium ensured continuous alignment with the project work plan, timely resolution of challenges, and coherent integration of experimental, modelling, validation, sustainability, dissemination, and exploitation activities.

### Summary of consortium meetings:

Six key coordination events (5 general assembly / consortium meetings and 1 final conference)

#### Formats:

- In-person meetings (Kick-off meeting in Kafr Kara; consortium meetings in Rome and Volos)
- Online meetings (coordination meetings and final conference)

#### Key added value:

- Strategic alignment across all work packages and milestones.
- Technical integration between experimentation, modelling, and validation activities (WP3–WP5).
- Early identification and mitigation of technical, regulatory, and organizational risks.
- Strengthened collaboration, knowledge exchange, and shared ownership among consortium partners.
- Support for dissemination, exploitation planning, and post-project continuity.

## Introduction

This deliverable reports on the consortium meetings organized within the REGACE project under Task 9.3, in accordance with the Grant Agreement. Regular consortium meetings were held as a key coordination mechanism to ensure effective communication among Work Package leaders, alignment with the project workplan, and timely monitoring of technical administrative progress throughout the project duration.

Consortium meetings were a part of a broader internal communication structure designed to support efficient project management and collaboration. In-person General Assembly meetings involving all partners were organized on a yearly basis and allowed strategic alignment and direct engagement with demonstration sites and local actors. In addition, online consortium meetings ensured continuous coordination across geographically distributed partners and progress review between in-person gatherings. These were complemented by monthly meetings between Work Package leaders and testing site leaders, weekly coordination team meetings addressing day-to-day project management and WP9 activities, and ad hoc meetings on an as-needed basis on cross-cutting topics or emerging issues.

Participation in the consortium meetings was comprehensive and inclusive, with consistent representation of all Work Package leaders across the series. Depending on the objective of the meeting, participants included research institutions, academic partners, technology developers, dissemination and innovation specialists, legal and regulatory experts, and end-user representatives such as farmers and pilot site operators. The Final Conference further expanded participation beyond the consortium, engaging external actors such as policymakers, researchers, industry representatives, and members of the public, thereby supporting transparency, dissemination, and uptake of project results.

Over the course of the project, six general assembly / consortium meetings were held:

1. Kick-off Consortium Meeting (07–09 February 2023, Kafr Kara, Israel; in-person).
2. Consortium Meeting (12 February 2024; online).
3. Consortium Meeting (22–24 May 2024, Rome, Italy; in-person).
4. Consortium Meeting (19 September 2024; online).
5. Consortium Meeting (06–08 May 2025, Volos, Greece; in-person).
6. Final Conference (29 January 2026; online).

## **Kick-off Consortium Meeting – Kafr Kara, Israel**

Date: 7–9 February 2023

Format: In-person kick-off consortium meeting with site visits and thematic working sessions

Host: Alzahrawy Society (AZS)

Participants: All consortium partners

### **Agenda:**

- Greetings, meeting plan, and brief introduction of partners and key persons involved (AZS)
- Tour of greenhouses (AZS)
- REGACE overview, objectives (TriSolar)
- Perspectives from European Commission view (Project Officer)
- Challenges and solutions in running agrivoltaic research projects (AZS)
- Microclimate testing and monitoring (UTH)
- Crop choice and monitoring (BOKU)
- CO<sub>2</sub> enrichment (UBER)
- What data is needed from modelling and digital twins (UNITOV1)
- Talking to farmers about agrivoltaics (UNITOV2)
- Weighing sustainability (TAU)
- Dissemination (INTERTEAM)
- Project management in WP9 (AGORA).
- Installing the systems-WP2 (AZS)
- Measurements how, who, when- WP3,4,5 (UNITOV1, BOKU)
- Data management (AZS)
- Milestones and deliverables in Year 1 (TriSolar)
- Roll out of the project's social aspect (UNITOV2)
- The farmer's perspective (FSC, BW)
- Regulation (Time.lex)

### **Outcomes:**

The consortium achieved a common understanding of the project scope, roles, and responsibilities, and agreed on the technical and organizational roadmap for Year 1. Key outcomes included alignment on monitoring and data collection protocols, clarification of modelling and validation requirements, confirmation of dissemination and farmer engagement approaches, and agreement on regulatory and sustainability considerations. The site visits and working sessions fostered early cross-WP integration and laid the foundation for effective project coordination and implementation.

## Consortium Meeting – Online 1

Date: 12 February 2024

Format: Online webinar (Zoom)

Host: Alzahrawy Society (AZS)

### Agenda:

- Webinar opening (AZS).
- Synergies (UTH).
- Implementation (TriSolar).
- Testing (BOKU).
- Digital twins (UNITOV1).
- Validation (AZS).
- Sustainability (Environmental, economic and social) (UNITOV2).
- Innovation management & business planning (TriSolar).
- Dissemination & visibility (INTERTEAM).
- Project management (AZS).
- Discussion, notes, ideas for further discussions/meetings (AZS).

The meeting included discussion of challenges arising from the outbreak of war in Israel, which had caused operational complications and delays, and addressed mitigation measures to maintain progress and adjust timelines where necessary.

### Outcomes:

The consortium confirmed overall progress across work packages and agreed on coordination actions for the next project phase. Key outcomes included clarification of the upcoming periodic technical and financial reporting timeline (including the 18-month report submission planned for late summer), alignment on dissemination responsibilities across partners, and agreement on the need for additional coordination meetings focused on planting schedules and crop planning. Financial management updates were provided, including discussion of potential budget adjustments if required, to be handled proportionally across partners. The meeting also reinforced the importance of farmer engagement activities, cross-WP data sharing, and early preparation for the upcoming in-person consortium meeting planned for May.

## Consortium Meeting – Rome, Italy

Date: 22-24 May 2024

Format: In-person consortium meeting (three days; mixed plenary sessions and site visit)

Host: UNITOV, in collaboration with FSC

### Objectives:

The objective of the second in-person consortium meeting was to conduct an in-depth technical and managerial review of project progress across all work packages, strengthen coordination between experimental, modelling, validation, and dissemination activities, and align partners on upcoming milestones, reporting obligations, and installation schedules. The meeting also aimed to facilitate direct interaction between technical partners and end-users through a site visit, supporting integration of agronomic, technical, and socio-economic perspectives.

### Agenda:

- Welcome address and introduction (UNITOV1).
- Opening of the meeting (AZS).
- Overview and issues (AGORA).
- WP2: Implementation and installation (AZS)
- WP3: Testing (BOKU, UNITOV1, AZS, UTH, HU).
- WP4: Modelling (UNITOV1, UTH, BOKU).
- Visit to farm and PV system (FSC).
- WP6: Sustainability (Environmental, economic and social) (UNITOV2, TAU).
- WP8: Dissemination and communication activities (INTERTEAM).
- WP9: Project management (AZS).
- WP7: Innovation management and business planning (AZS, Time.lex).
- WP5: Validation (AZS).
- WP6 Organic Farmers' Perspectives on Technological Innovation and New Energy Sources: A Five-Country Quali-Quantitative Study (UNITOV2).
- Discussion and next steps (AZS).
- Closing of the meeting (UNITOV1).

Building on earlier discussions, the consortium reviewed the ongoing impacts of the situation in Israel on project activities, assessed resulting delays, and agreed on mitigation strategies and coordination measures to ensure continuity of implementation.

### Outcomes:

The consortium confirmed technical alignment across work packages and agreed on coordinated next steps for installations, crop planning, and data collection. Clear actions were defined for cross-WP data exchange, particularly between testing, modelling, and validation activities. Reporting timelines and responsibilities for the upcoming periodic technical and financial reports were reaffirmed, and risk mitigation measures were reviewed. The site visit provided valuable operational insights that will inform validation protocols and socio-economic assessments. Overall, the meeting strengthened integration across disciplines and reinforced the consortium's readiness for the next implementation phase.

## Consortium Meeting – Online 2

Date: 19 September 2024

Format: Online consortium meeting  
Host: Alzahrawy Society (AZS)

#### Objectives:

The objective of this online consortium meeting was to prepare partners for the first periodic reporting phase, clarify financial and technical reporting requirements under the Grant Agreement, and align the consortium on the upcoming European Commission project review. The meeting aimed to ensure common understanding of reporting responsibilities, timelines, and quality expectations across all partners.

#### Agenda:

- Reporting process.
- Financial reporting.
- Technical reporting.
- Project review.

#### Outcomes:

The consortium achieved alignment on reporting procedures, responsibilities, and deadlines for the first periodic report. Partners confirmed their individual roles in financial and technical reporting and acknowledged the timelines for submission. Clear guidance was provided for preparation of materials for the upcoming European Commission project review, including expectations for work package leader and site presentations. The meeting ensured readiness for the M18 reporting milestone and reinforced coordination across the consortium.

## Consortium Meeting – Volos, Greece

Date: 6-8 May 2025

Format: In-person General Assembly (with optional online participation) and site visit

Host: UTH

### Objectives:

The objective of the consortium meeting in Volos was to conduct the project's General Assembly with a strong focus on consolidated results, remaining technical and organizational challenges, and coordinated preparation for the project's final phase. In addition, the meeting aimed to align partners on project management milestones, dissemination and publication planning, intellectual property considerations, final conference organization, and identification of potential follow-up funding opportunities to ensure post-project continuity and impact.

### Agenda:

- Welcome address (UTH).
- Opening (AZS).
- Objectives, milestones, deliverables (INTERTEAM, AGORA).
- WP2: Implementation of PV Systems (TriSolar).
- WP3: Testing (BOKU).
- WP2: Implementation of CO2 Systems (UBER).
- WP4: Modelling & Digital Twins (UNITOV1).
- WP5: Validation (AZS).
- Visit to the chambers of PV systems and tour of greenhouse park (UTH).
- Discussion of challenges
- Informal group discussions in the square of Makrinitza
- WP6: Farmer Dialogues (UNITOV2)
- WP6: Environmental Analyses (TAU)
- WP7: Business Planning (INTERTEAM, AGORA)
- WP7: Legal Aspects (Time.lex)
- WP8: Communication (INTERTEAM).
- Upcoming scientific publications (All).
- Final conference planning (All).
- Future calls and proposals (All).
- Discussion of next steps (All).

### Outcomes:

The consortium achieved alignment on technical results and identified priority actions required before project completion. The consortium discussed and aligned on approaches to publication planning, final conference organisation, and dissemination activities. Intellectual property considerations and exploitation pathways were discussed, and a set of relevant Horizon Europe follow-up calls was identified for potential future collaboration. The meeting reinforced coordination across work packages, clarified responsibilities for the final project phase, and strengthened the consortium's readiness for project closure and post-project continuation.

## Final Conference – Online

Date: 29 January 2026

Format: Online conference (open to external stakeholders and the general public)

Host: Interteam

#### Objectives:

The objective of the REGACE Final Conference was to present the consolidated scientific, technical, socio-economic, and innovation and impact outcomes of the project to a broad audience of stakeholders, including researchers, farmers, policymakers, industry representatives, and the general public. The conference aimed to demonstrate the technical feasibility, agronomic performance, sustainability benefits, and market readiness of agrivoltaic systems integrated into greenhouses, while supporting knowledge transfer, policy dialogue, and post-project uptake.

#### Agenda:

- Welcome and REGACE introduction (AZS).
- Diversity of six pilots in five countries (UTH).
- Agrivoltaic performance (AZS).
- CO<sub>2</sub> methods and impacts (HU).
- Crop performance under agrivoltaic systems (BOKU).
- Modelling and digital twins (UNITOV1).
- Farmer's perceptions (UNITOV2).
- Overall impact and sustainability aspects (TAU).
- Policy recommendations for agrivoltaics (Time.lex).
- From research to market (TriSolar).
- Questions and Conclusion.

#### Outcomes:

The Final Conference successfully presented REGACE's key outcomes to a broad and diverse audience. Approximately 200 participants registered for the event, with over 80 attendees participating live, reflecting an interest in the project's outcomes. The presentations generated active engagement throughout the event, questions and comments were raised continuously via the online chat, prompting discussions among speakers and participants and supporting clarification of results and exchange of perspectives.

The event strengthened stakeholder awareness, supported evidence-based policy discussions, and highlighted concrete pathways for market deployment and future research. The conference also reinforced the consortium's readiness for post-project continuation.

## Conclusion

Through a structured series of in-person and online meetings, the consortium established a robust framework for decision-making, knowledge exchange, and alignment across the project lifecycle.

The meetings enables improved coordination of methodologies and experimentation, especially in WP3-5, ensuring consistency in data collection, modelling assumptions, and validation protocols across pilot sites. These meetings also facilitated the early identification and mitigation of technical and organizational risks, allowing corrective actions to be taken. This was particularly valuable as war broke out in Israel in the first year of the project and caused complications and delays. Regular consultation also facilitated alignment on strategic matters such as reporting obligations, intellectual property management, dissemination priorities, and post-project exploitation pathways.

In-person meetings further reinforced consortium cohesion and shared ownership, fostering effective collaboration among partners. The Final Consortium expanded engagement beyond the consortium, supporting the dissemination of consolidated project results and reinforcing pathways for future uptake and collaboration.

Overall, the consortium meetings constituted a key enabling mechanism for maintaining alignment with the Description of Action, milestones, and expected impacts, and made a direct contribution to the quality, coherence, and successful delivery of the REGACE project.