



D6.1 COMMUNICATION, DISSEMINATION AND EXPLOITATION PLAN

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DOCUMENT INFORMATION

Grant Agreement	
Project title	Sustainable innovations for Regenerative Agriculture in the Mediterranean area
Project acronym	SIRAM
Project coordinator	Edoardo Puglisi, UCSC
Project duration	1 June 2022 – 31 May 2025 (36 months)
Related work packages	WP 6 – Dissemination and Communication
Related task(s)	Task 6.1 Strategic Communication, dissemination and exploitation plan
Lead organisation	OPENT
Contributing partner(s)	UCSC
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Dissemination level	Public. During the drafting process, access is generally limited to the SIRAM Partners.

EXECUTIVE SUMMARY

The aim of WP6 is to ensure effective external communication, dissemination, and optimal knowledge transfer of SIRAM actions and results, leading to effective exploitation of its innovative outputs. To ensure effectiveness, T6.1 foresees the submission of the present deliverable at M12. This is based on a “Communication and Dissemination strategy” hereby described, including measures and targeted audiences identified. At 12-month intervals (M24 and M36), the plan is updated, evaluated for effectiveness and adjusted, if needed. In order to monitor and evaluate the achievement of expected results, statistics on the different measures are reported.

1. THE COMMUNICATION AND DISSEMINATION STRATEGY

Specific objectives of the SIRAM Communication and Dissemination strategy include:

- To facilitate dissemination and exploitation of results and to establish relationships with stakeholders and authorities,
- To create interest and to raise awareness among the relevant stakeholders and policy makers, businesses, investors, entrepreneurs, institutions on the outcomes of the project,
- To communicate at large on project findings, through media tools and editorial initiatives to all stakeholders including the civil society,
- To improve knowledge, skills and competences of young scientists, professionals, and other interested parties through a dedicated training programme.

The main target audience includes: farmers and farmers' associations (both organic and traditional), industry associations, environmental movements, regional representatives in the case study areas, suppliers of biosolutions for agriculture, waste biomass producers, breeders, farm advisors, citizens, policy makers, and the scientific community.

Targeted exchanges tailored to best fit specific and relevant stakeholder groups, and general communication tools and channels for broader uptake are foreseen. Table 1 summarizes this strategy and identifies the key audiences, the main objective of engagement and the key materials and activities that will be used to target them.

Table 1: Engagement strategy for targeting key audiences

Target groups/audiences	Objective	Dissemination and exploitation (1-way dialogue)	Communication (2-way dialogue)	Stakeholder engagement
General audience (cross-sectoral)	Share/showcase general information (aims, successes, progress, developments) with all audiences.	• Project website • Project brochure • Project video • Press releases	Social media	The steering committee will provide valuable feedback and insight on project progress
Key end users	Inform findings to provide knowledge and tools to support them to make vital decisions about their business / industry	• Articles in industry magazines and websites • Presentations at industry events • Project website	• Feedback requests on products, processes or technologies • Podcasts • E-learning module on project topics	Workshops and final conference
Policy makers and advisors	Provide new tools to enable implementing statutes, regulations and rules to maximize agriculture benefits and adaptation	• Result highlights on website linked to specific policy areas • Key achievements booklet	• Input to national, European and International bodies	Workshops and final conference
Scientific community	Provide new understanding	• Peer reviewed journals • Presentations at conferences • Deliverables • Publications / reports	Workshops and courses will be used to build links and networks	Peer reviews by appropriate scientific communities will ensure quality standards
Public audiences	Help to understand how the project findings can impact our lives, strength confidence in agriculture.	• Website and social media • Press releases • Factsheet	Social media to ensure that key project outcomes	Science-based discussions with interested citizens in the frame of the
	inform how agriculture may implement solutions to ensure sustainability		and benefits are understood	demonstration workshops

The target audiences for SIRAM will include individuals and organisations at different levels:

- Local level - The most important end-users are farmers, land users, advisory services for farmers, and local authorities. An important part of the dissemination effort will focus therefore on these groups through field visits (in the frame of the training programme), workshops, targeted leaflets, audio-video materials, and an easy accessible website.
- Regional and National level – This group will include, amongst others, the following:
 1. Policy makers, farmers’ associations, authorities, environment agencies and regulatory bodies;
 2. Professionals (engineers) and practitioners (land managers, users, and consultants) and their respective representative bodies (farmers unions / agricultural chambers);
 3. Industry, suppliers of biosolutions for agriculture, waste biomass producers, breeders;
 4. Intermediary, advisory, and NGOs.

- European level - European policy makers concerned with agriculture and environment will be kept informed and invited to take part in selected meetings or workshops, specifically: DG for Agriculture and Rural Development, and DG Environment.
- General public – various dissemination materials developed for citizens and other target groups are suitable for this group and will be disseminated. This includes a social media strategy via Youtube, LinkedIn, and Facebook.
- Scientific community – dissemination to the scientific community will be guaranteed by continuously sharing results of SIRAAM at scientific conferences and by scientific peer-reviewed publications on open-access journals (at least 12).

The Dissemination and Communication Strategy sets out the schedule of dissemination activities in the project. The scheduling of dissemination activities is dependent on the delivery of project results, but it also takes into account existing networks, and planned meetings. Formal/informal meetings, farm events or trade fairs, workshops and scientific conferences, either arranged as part of SIRAAM work programme or taking advantage of other suitably-timed events are part of the strategy.

The project approach ensures that dissemination is based on a good understanding of the different information needs of stakeholders, and their preferred formats and mechanisms for Communication. The efficacy of SIRAAM dissemination and communication strategy is being evaluated during the course of the project and improvements and/or additions can be made to the activities planned, if necessary.

2. PORTFOLIO OF COMMUNICATION AND DISSEMINATION RESOURCES AND TOOLS

A range of tools have been developed and are being used for widespread awareness of the project and its results amongst stakeholders (T6.2). The resources and tools are developed by OPENT and UCSC, with the contribution of all project partners.

3.1 Project Branding Material

- A specific project logo has been developed for project identity. The logo was included in all project promotional materials including brochure, website, templates, social

media. During the presentation of WP6 at the kick-off meeting, information was provided to partners on the use of the project logo and branding.



Figure 1: Project logo

- Promotional brochure

The project promotional brochure is available in English and can be downloaded from the project website at <https://rb.gy/ogbxg0>

This brochure outlines the project and the consortium (Figure 2). It can be used to promote the project and beneficiaries were invited to translate it into local languages for further dissemination. At present, translations into Spanish, Catalan, Italian, Arabic and Greek are available and downloadable from the project website.



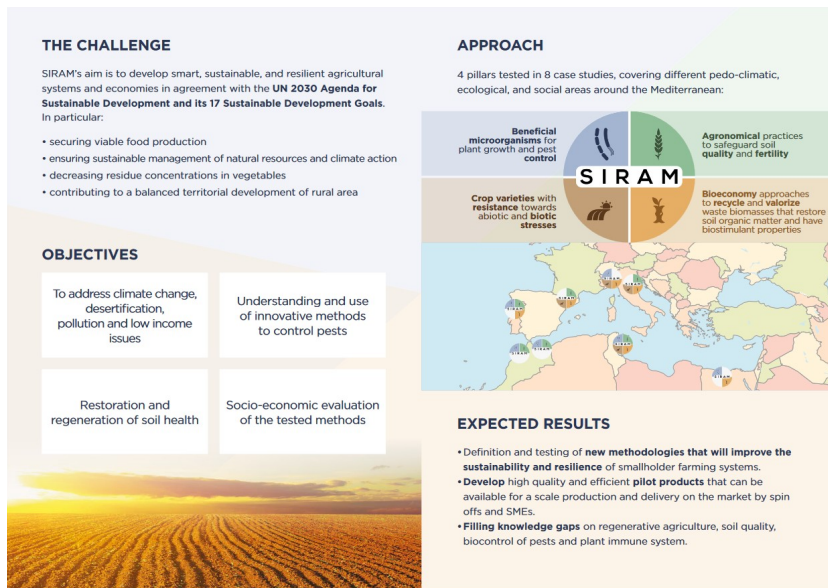


Figure 2: Project promotional brochure (English version)

- Roll-up

A roll-up was developed and is ready for use during internal and external events (Figure 3). OPENTEA printed it out and shared the high-resolution file with the whole consortium.

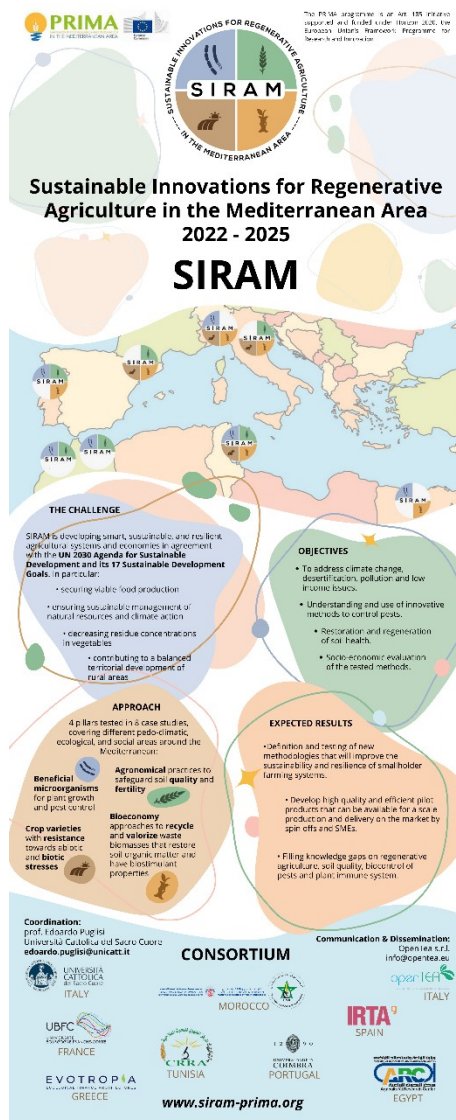


Figure 3: Project roll-up

- PowerPoint template, poster template

A SIRAM PowerPoint template and a poster template were developed to use at internal and external events when presenting the SIRAM project and/or its outcomes (Figure 4). Templates are uploaded on the project Google shared drive, from where project partners can download them.

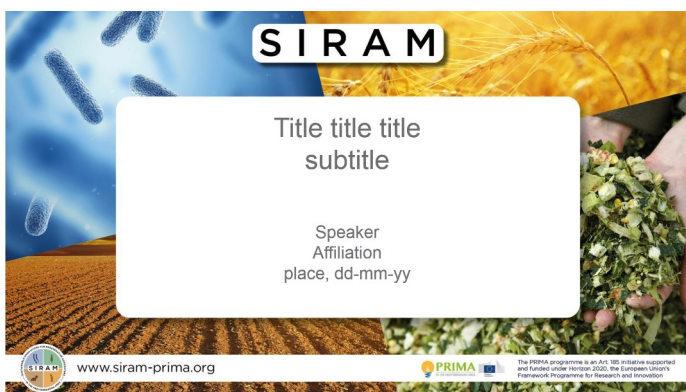
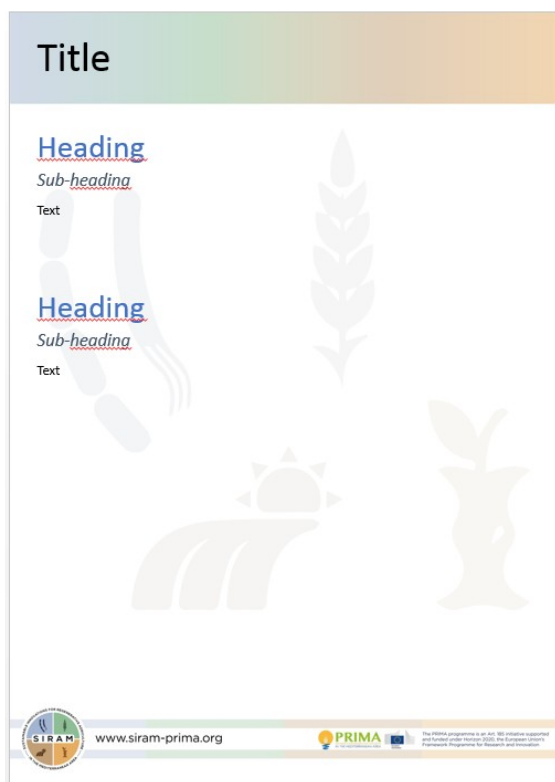


Figure 4: Poster and Power Point templates

3.2 Press releases

News of the project are disseminated regularly. Press releases are issued to appropriate media outlets (e.g., trade press, web portals, social networks, project website) to ensure that the sector, civil society organisations, policy-making authorities, and the wider community are aware of the project, its objectives and, later in the project, its outcomes. The strategy is intended to ensure that there is publicity and media coverage at local, regional and European levels. All partners are encouraged to publish articles and press releases making use of their own communication networks and channels.

Publications are uploaded to the project website and all partners are encouraged to distribute at a national or regional level. When necessary, partners can adapt the press releases to customize them to their audience and translate the articles, if needed. Partners who publish any article/press release at a regional or national level must send a copy to WP6 leader. If partners want to initiate the writing of an article, they may proceed. They can contact OpenTEA who can offer support for writing and editing.

Until now, the following press released have been produced (Table 2):

Table 2: List of press releases published so far.

Nr.	Date	Title	Publisher	Link
1	8 August 2022	La sfida delle innovazioni sostenibili per l'agricoltura del Mediterraneo - Progetto SIRAM (IT)	Piacenza Agricola	https://ita.calameo.com/read/0046591592d5d62313c27
2	8 September 2022	L'agricoltura regenerativa s'erigeix com a solució a les actuals crisis energètica, climàtica i alimentària	La Vanguardia	https://www.lavanguardia.com/economia/20220809/8456443/agricultura-regenerativa-mundo-crisis-energetica-climatica-alimentaria.html
3	20 November 2022	SIRAM: Sustainable Innovations for Regenerative Agriculture in the Mediterranean Area (EN)	www.siram-prima.org	https://www.siram-prima.org/s-projects-side-by-side
4	27 October 2023	Conferenza sulla diversità microbica, due premi per la Cattolica	Libertà	https://www.liberta.it/news/cronaca/2023/10/27/conferenza-sulla-diversita-microbica-premiare-due-ricercatrici-della-cattolica/
5	27 October 2023	Conferenza sulla diversità microbica, due premi per la Cattolica	Il Piacenza	https://www.ilpiacenza.it/economia/conferenza-sulla-diversita-microbica-due-premi-per-la-cattolica.html
6	24 November 2023	L'agricoltura diventa rigenerativa: migliore qualità del suolo e minori emissioni climalteranti entro il 2025	Mondo Padano	http://www.mondopadano.it/stories/attualita/27445_lagricoltura_diventa_rigenerativa_migliore_qualit_del_suolo_e_minori_emissioni_climalteranti_entro_il_2025/
7	30 November 2023	Cambiamento climatico e agricoltura, in Cattolica gli studenti del 'Raineri Marcora'	Piacenzasera	https://www.piacenzasera.it/2023/11/cambiamento-climatico-e-agricoltura-in-cattolica-gli-studenti-del-raineri-marcora/512872/
8	1 December 2023	Agricoltura sostenibile: la produzione alimentare in epoca di cambiamento climatic	Il Piacenza	https://www.ilpiacenza.it/economia/agricoltura-sostenibile-la-produzione-alimentare-in-epoca-di-cambiamento-climatico.html
9	2	Dalle zucche all'uva: gli alunni	La Libertà	https://www.liberta.it/news/cronaca/

	December 2023	studiano sul campo il cambiamento climatico		2023/12/02/dalle-zucche-alluva-gli-alunni-studiano-sul-campo-il-cambiamento-climatico/
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3.3 Key achievement booklet

A key achievement booklet will be developed by the end of the project (M36) and will be presented and distributed at the final conference. This booklet will include the main project outcomes and achievements.

3.4 Audio-video materials

During the project at least 1 video will be developed to describe the project and/or its results.

3.5 Project website

A public project website is online (www.siram-prima.org) and will be maintained for at least 3 years after the project end. The homepage is reported in Figure 5. It is used for the promotion of project activities, results and events. For this aim, it is regularly updated by WP6 leader. OpenTEA will take the lead in regularly updating the project website. It is used for promoting the project activities, results and events. Partners are invited to provide news and information for website updates. Statistics of website use are regularly monitored and reported. Figure 6 reports the number of visits to the project website in the period May 2023 to 1 May 2024. Focusing on the specific pages, statistics show that the homepage is the most visited (496 visits in the same period of time), followed by the News page (215 visits). Figure 7 shows that the website is still having a high number of new visitors (90% of the total amount of visitors).



Figure 5: Project website homepage

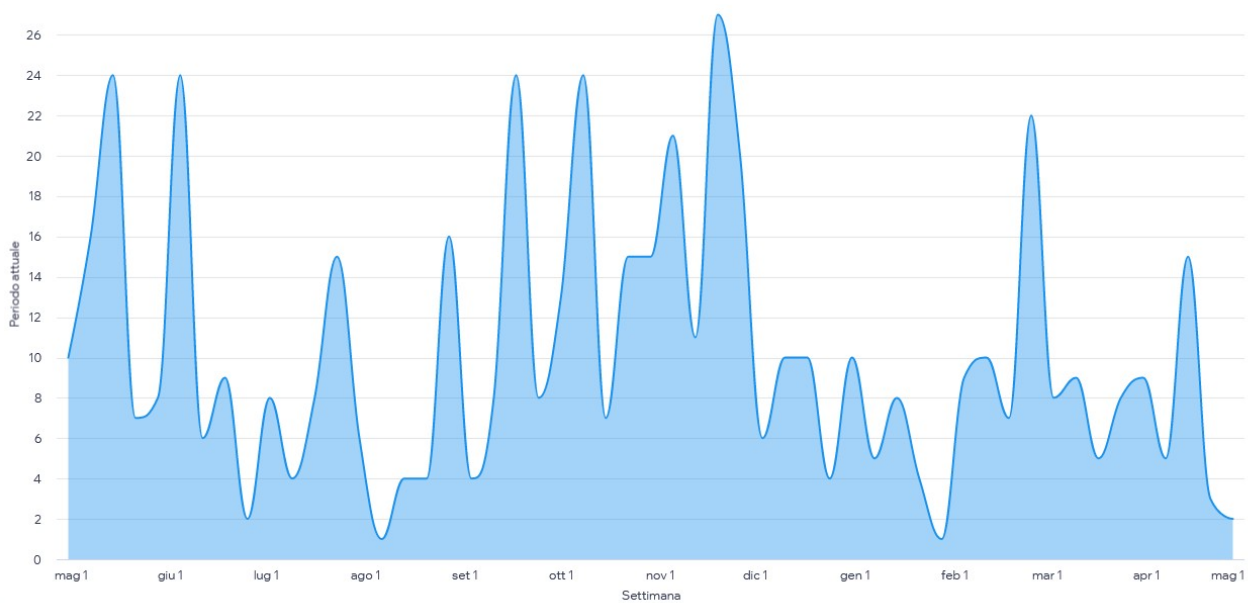


Figure 6: Number of visits per week (period 1 May 2023 - 1 May 2024)

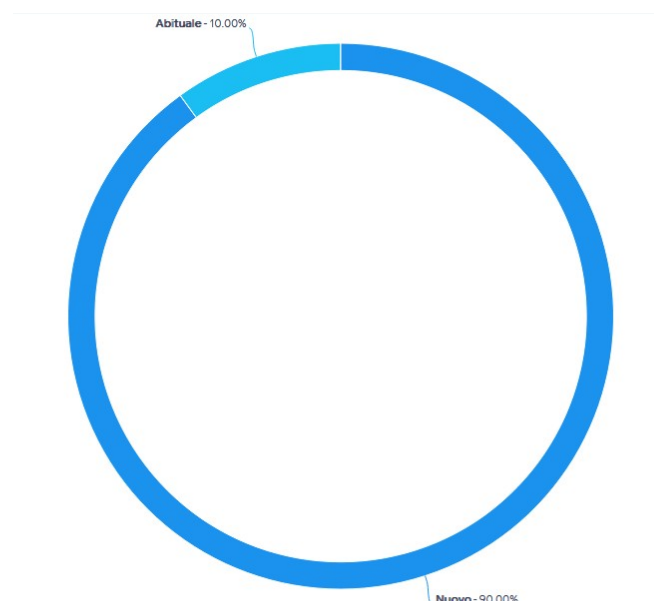


Figure 7: % of new visitors vs usual visitors (in the period April-May 2023): 90% of new visitors.

3.6 Social networks

A media presence for engagement with a wide variety of interested parties, including the civil society, is being achieved using appropriate social networks (e.g. Facebook, LinkedIn). Posts are published regularly (approximately every 2 weeks). A full list is reported in Table 3.

SIRAM social accounts are:

<https://www.linkedin.com/showcase/siram-regenerative-agriculture/>

<https://www.facebook.com/people/SIRAM-Regenerative-Agriculture/100088073133160/>

Until now, SIRAM Facebook account has gathered 90 followers and 49 likes, while LinkedIn 82 followers. Actions are still being taken in order to increase these numbers.

Table 3: List of posts published on Facebook and LinkedIn

Leading partner	Title	Date	Website or other links
OPENT	Face-book post #1	30/11/2022	https://www.facebook.com/people/SIRAM-Regenerative-Agriculture/100088073133160/
OPENT	Face-book post #2	21/12/2022	https://www.facebook.com/people/SIRAM-Regenerative-Agriculture/100088073133160/

OPENT/ UCSC	Face- book post #3	1/2/2023	https://www.facebook.com/people/SIRAM-Regenerative-Agriculture/100088073133160/
OPENT	LinkedIN post #1	30/11/2022	https://www.linkedin.com/feed/update/urn:li:activity:7011334928143421441/
OPENT	LinkedIN post #2	21/12/2022	https://www.linkedin.com/feed/update/urn:li:activity:7011334928143421441/
OPENT/ UCSC	LinkedIN post #3	1/2/2023	https://www.linkedin.com/feed/update/urn:li:activity:7011334928143421441/
OPENT/ ARC	Face- book post #4	17/2/2023	https://www.facebook.com/people/SIRAM-Regenerative-Agriculture/100088073133160/
OPENT/ ARC	LinkedIN post #4	17/2/2023	https://www.linkedin.com/feed/update/urn:li:activity:7011334928143421441/
OPENT	Face- book post #5	27/2/2023	https://www.facebook.com/people/SIRAM-Regenerative-Agriculture/100088073133160/
OPENT/ UCSC	Face- book post #6	17/3/2023	https://www.facebook.com/people/SIRAM-Regenerative-Agriculture/100088073133160/
OPENT/ UCSC	LinkedIN post #5	17/3/2023	https://www.linkedin.com/feed/update/urn:li:activity:7011334928143421441/
OPENT	Face- book post #7	12/4/2023	https://www.facebook.com/people/SIRAM-Regenerative-Agriculture/100088073133160/
OPENT	LinkedIN post #6	12/4/2023	https://www.linkedin.com/feed/update/urn:li:activity:7011334928143421441/
OPENT/ ENAM	Face- book post #8	3/5/2023	https://www.facebook.com/people/SIRAM-Regenerative-Agriculture/100088073133160/
OPENT/ ENAM	LinkedIN post #7	3/5/2023	https://www.linkedin.com/feed/update/urn:li:activity:7011334928143421441/
OPENT/ ARC	Face- book post #9	19/05/2023	https://www.facebook.com/people/SIRAM-Regenerative-Agriculture/100088073133160/
OPENT/ ARC	LinkedIN post #8	19/05/2023	https://www.linkedin.com/feed/update/urn:li:activity:7011334928143421441/
OPENT/IRTA	Face- book post #10	19/06/2023	https://www.facebook.com/people/SIRAM-Regenerative-Agriculture/100088073133160/
OPENT/IRTA	LinkedIN post #9	19/06/2023	https://www.linkedin.com/feed/update/urn:li:activity:7011334928143421441/
OPENT/IRTA	Face- book post #11	26/07/2023	https://www.facebook.com/people/SIRAM-Regenerative-Agriculture/100088073133160/
OPENT/IRTA	LinkedIN post #10	26/07/2023	https://www.linkedin.com/feed/update/urn:li:activity:7011334928143421441/
OPENT/ UCSC	Face- book post #12	19/09/2023	https://www.facebook.com/people/SIRAM-Regenerative-Agriculture/100088073133160/
OPENT/ UCSC	LinkedIN post #11	19/09/2023	https://www.linkedin.com/feed/update/urn:li:activity:7011334928143421441/
OPENT	Face- book post #13	03/10/2023	https://www.facebook.com/people/SIRAM-Regenerative-Agriculture/100088073133160/
OPENT	LinkedIN post #12	03/10/2023	https://www.linkedin.com/feed/update/urn:li:activity:7011334928143421441/
OPENT/ARC	Face- book post #14	19/10/2023	https://www.facebook.com/people/SIRAM-Regenerative-Agriculture/100088073133160/
OPENT/ARC	LinkedIN	19/10/2023	https://www.linkedin.com/feed/update/

	post #13		urn:li:activity:7011334928143421441/
OPENT/EVO	Face-book post #15	31/10/2023	https://www.facebook.com/people/SIRAM-Regenerative-Agriculture/100088073133160/
OPENT/EVO	LinkedIN post #14	31/10/2023	https://www.linkedin.com/feed/update/urn:li:activity:7011334928143421441/
OPENT/EVO	Face-book post #16	21/11/2023	https://www.facebook.com/people/SIRAM-Regenerative-Agriculture/100088073133160/
OPENT/EVO	LinkedIN post #15	21/11/2023	https://www.linkedin.com/feed/update/urn:li:activity:7011334928143421441/
OPENT/UCSC	Face-book post #17	12/12/2023	https://www.facebook.com/people/SIRAM-Regenerative-Agriculture/100088073133160/
OPENT/UCSC	LinkedIN post #16	12/12/2023	https://www.linkedin.com/feed/update/urn:li:activity:7011334928143421441/
OPENT/EVO	Face-book post #18	09/01/2024	https://www.facebook.com/people/SIRAM-Regenerative-Agriculture/100088073133160/
OPENT/EVO	LinkedIn post #17	09/01/2024	https://www.linkedin.com/feed/update/urn:li:activity:7011334928143421441/
OPENT/EVO	Face-book post #19	07/02/2024	https://www.facebook.com/people/SIRAM-Regenerative-Agriculture/100088073133160/
OPENT/EVO	LinkedIN post #18	07/02/2024	https://www.linkedin.com/feed/update/urn:li:activity:7011334928143421441/
OPENT/ARC	Face-book post #20	26/02/2024	https://www.facebook.com/people/SIRAM-Regenerative-Agriculture/100088073133160/
OPENT/ARC	LinkedIN post #19	26/02/2024	https://www.linkedin.com/feed/update/urn:li:activity:7011334928143421441/
OPENT	Face-book post #21	21/03/2024	https://www.facebook.com/people/SIRAM-Regenerative-Agriculture/100088073133160/
OPENT	LinkedIN post #20	21/03/2024	https://www.linkedin.com/feed/update/urn:li:activity:7011334928143421441/
OPENT	Face-book post #22	08/04/2024	https://www.facebook.com/people/SIRAM-Regenerative-Agriculture/100088073133160/
OPENT	LinkedIn post #21	08/04/2024	https://www.linkedin.com/feed/update/urn:li:activity:7011334928143421441/
UC	Face-book post	18/04/2024	https://www.facebook.com/photo/?fbid=745993174189393&set=pb.100063361502321.-2207520000
UC	LinkedIn post	18/04/2024	https://www.linkedin.com/feed/update/urn:li:activity:7187339150478499841/
OPENT	Face-book post #23	09/05/2024	https://www.facebook.com/people/SIRAM-Regenerative-Agriculture/100088073133160/
OPENT	LinkedIn post #22	09/05/2024	https://www.linkedin.com/feed/update/urn:li:activity:7011334928143421441/

3.7 Scientific publications

The project aims to publish at least 12 scientific peer-reviewed publications on open-access (OA) journals, reporting the project results and using international journals to ensure scientific dissemination.

Table 4: List of scientific papers published so far (in black: OA; in grey: not OA)

Leading partner	Title	Type	Journal name or publisher	Date	Authors	DOI or other links	Case Study nr.
CRRA	Understanding the Influence of Applying Two Culture Filtrates to Control Gray Mold Disease (Botrytis cinerea) in Tomato	Research paper	Agronomy (MDPI)	June 2023	Hajji-Hedfi, L., Rhouma, A., Hajlaoui H, Hajlaoui F, Rebouh NY	https://doi.org/10.3390/	CS7
CRRA	Botrytis cinerea: The Cause of Tomatoes Gray Mold	Review paper	Egyptian Journal of Phytopathology	September 2023	Rhouma, A.; Hajji-Hedfi, L.; Kouadri, M.E.; Atallaoui, K.; Matrood, A.A.A. and Khriebe, M.I	10.21608/ejp.2023.224842.1101	CS7
ENAM/USMBA	Oomycetes Root Rot Caused by Pythium spp. and Phytophthora spp.: Host Range, Detection, and Management Strategies, Special Case of Olive Trees	Review paper	Journal of Crop Health	November 2023	Ikram Legrifi, Mohammed Taoussi, Jamila Al Figuigui, Abderrahim Lazraq, Touseef Hussain & Rachid Lahlali	https://doi.org/10.1007/s10343-023-00946-w	C3
ENAM/USMBA	Potential for Biological Control of Pythium schmitthenneri Root Rot Disease of Olive Trees (Olea europaea L.) by Antagonistic Bacteria	Research paper	Microorganisms	2022	Legrifi, I., Taoussi, M., Al Figuigui, J. et al.	doi.org/10.3390/microorganisms10081635	C3
ARC	Sustainable Management of Soil-Borne Plant Pathogens	Book chapter	Springer	2022	Dina S. S. Ibrahim, Manal Mostafa, Aya A. M. Abdellatif, and Rizwan Ali Ansari	https://doi.org/10.1007/978-3-030-85829-2_2	CS4
ENAM/USMBA	Nematode problems in cotton and their sustainable management	Book chapter	Academic press (Elsevier)	2023	Rachid Lahlali, Gulsar Banu, Fouad Mokri, Dina S.S. Ibrahim, and Zineb Belabess	https://doi.org/10.1016/B978-0-323-91226-6.00004-3	CS3-4
ARC	Unraveling the Mysteries of Mycorrhiza-Plant Interactions: Mechanisms of	Book chapter	Springer, Singapore	2024	Dina S. S. Ibrahim, Shaimaa N. Riad, Kamal A. M. Abo-Elyousr,	https://doi.org/10.1007/978-981-99-5030-0_9	CS4

	Protection and Ecological Factors Influencing Symbioses				Sallam M. A. Nashwa, Hadeel M. M. Khalil Bagy, Sahar Abdelrazek and Aya A. Abdellatif		
ARC	Recent Advances of Using Innovative Strategies in Management of Millet Plant Pathogens	Book chapter	Springer	2024	Harb, H.E., El-Tabakh, M.A.M., Khattab, A.M., Mohamed, Y.A., Saleh, A.M., El-Abeid, S.E.	https://doi.org/10.1007/978-981-99-7232-6_13	CS4

3.8 Participation in scientific conferences

SIRAM partners regularly participate to scientific conferences and congresses, presenting project results in oral or poster platforms. Presentations are listed below (Table 4).

Table 4: List of oral or poster presentations at national or international conferences

Leading partner	Event title	Event type	Where	Date	Presentation title	Type of participation	Website (if any)
IRTA	Jornada: Sòls i agricultura regenerativa	National conference	Lleida (Catalonia)	12/2/2022	Innovacions sostenibles per una agricultura regenerativa en l'àrea mediterrània. Projecte SIRAM	Oral	https://icea.iec.cat/esdeveniment/jornada-sols-i-agricultura-regenerativa/?instance_id=253
IRTA	ICSSM22 Congres: "The 1st International Conference on Sustainable Soil Management: a Challenge for Food Security"	International congresses	On-line	05-06/12/2022	Regenerative agriculture: a Focus on Soil for Better Cropping	Oral	https://crstra.dz/icssm2022.php
UC	FEMS Congress of European Microbiologists	International congresses	Hamburg (Germany)	9-13/7/2023	The impact of plant-parasitic nematodes on the bacterial and fungal microbiome of the potato-growing soils	Poster	https://www.fems2023.org/
ARC	WEF CAP	International	Alexand	8-	Sustainable	Oral	https://

	Capitalization Conference	onal congresses	ria (Egypt)	9/5/2023	Innovations for Regenerative Agriculture in the Mediterranean Area (SIRAM)- Egyptian team activities		www.enicbcmcme.d.eu/projects/WEF-CAP
UCSC	PGPR conferenze	International congresses	Toulouse (France)	28/5-02/06/2023	Regenerative agriculture strategies and PGPM application cooperatively foster maize sustainable production in the Mediterranean area	Oral	https://pgpr-workshop.org/
CRRA	8th International Congress of the Higher School of Agriculture of Mograne: Integrated management of natural resources and sustainable agriculture (GIRNAD 2023)	International congresses	Tunisia	17-19 May 2023	Physiological and biochemical characterization of Trichoderma species and their antifungal activities against Botrytis cinerea and Alteranaria solani	Poster	http://www.esamograne.agrinet.tn/index.php/fr/2023-01-09-08-42-03
CRRA	8th International Congress of the Higher School of Agriculture of Mograne: Integrated management of natural resources and sustainable agriculture (GIRNAD 2023)	International congresses	Tunisia	17-19 May 2023	Screening of mycoflora communities associated with olive trees dieback and wilting in Regueb, Tunisia	Poster	http://www.esamograne.agrinet.tn/index.php/fr/2023-01-09-08-42-03
CRRA	8th International Congress of the Higher School of Agriculture of Mograne: Integrated management of natural resources and sustainable agriculture (GIRNAD 2023)	International congresses	Tunisia	(29 November-1 December 2023	Physiological and biochemical characterization of Trichoderma species and their antifungal activities against Botrytis cinerea and Alteranaria solani	Poster	http://www.esamograne.agrinet.tn/index.php/fr/2023-01-09-08-42-03

CRRA	8th International Congress of the Higher School of Agriculture of Mograne: Integrated management of natural resources and sustainable agriculture (GIRNAD 2023)	International congresses	Tunisia	29 November-1 December 2023	Screening of mycoflora communities associated with olive trees dieback and wilting in Regueb, Tunisia	Poster	http://www.esamogra.ne.agrinet.tn/index.php/fr/2023-01-09-08-42-03
CRRA	First national scientific seminar: 'Renforcing agrosystems resilience to climate change'	National scientific seminar	Tunisia	1 November 2023	Integrated management of olive Verticillium wilt by microbial consortia and olive tree residue compost	Poster	
CRRA	First national scientific seminar: 'Renforcing agrosystems resilience to climate change'	National scientific seminar	Tunisia	1 November 2023	Impact of application of tomato residue compost and microbial consortia on soil quality and plant tolerance to fusarium wilt disease	Poster	
CRRA	First national scientific seminar: 'Renforcing agrosystems resilience to climate change'	National scientific seminar	Tunisia	1 November 2023	Biological control of Botrytis cinerea causing post-harvest gray mold disease in tomato fruits	Poster	
CRRA	First national scientific seminar: 'Renforcing agrosystems resilience to climate change'	National scientific seminar	Tunisia	1 November 2023	Microorganismes bénéfiques : sont-elles une solution durable pour la résilience des plantes au stress biotique ?	Oral	
UCSC	MD microbial diversity 2023	International congresses	Parma (Italy)	26-29 September 2023	Microorganisms for maize sustainable production: new practices in agriculture	Oral	https://www.md23.sintrea.org/
IRTA	Jornada Agricultura Regenerativa.	National conference	Priorat (Catalan)	20 November	Soluciones sostenibles a l'agricultura regenerativa de l'àrea	Oral	Jornada sobre agricultura regenerativa:

	Concepte, oportunitats i referents	nce	ia)	2023	mediterrània (SIRAM)		concepte, oportunitats i referents Diputació de Tarragona (dipta.cat)
UC	MICROBIOTEC' 23	Internati onal Congres s	Covilhã (Portuga l	7-9/12/2023	Microbiome Analysis and Bacterial Consortium: Keys to Healthy and Sustainable Potato Soil Management	poster	https://microbiotec23.organideia.com/
EVO	Agri-Business Forum 5 2022	Internati onal Business Congres s	Athens, Greece	15-16/11/2022	Greenwashing: Global state and industry 4.0 solutions	Oral	https://www.youtube.com/watch?v=BT1W9nJ-d6w
EVO	NTUA Invited Lecture on the MsC course "Water Resources Management"	Universi ty Lecture	Athens, Greece	02/05/2023	Circular Economy Applications for Regenerative Agriculture	Oral	
EVO	UNIPi Invited Lecture on the MSc Course "Bioeconomics and Circular Economy"	Universi ty Lecture	Athens, Greece	21/02/2023	Natural Capital and Regenerative Agriculture	Oral	
EVO	87th Thessaloniki International Fair 2023	Internati onal Exhibitio n	Thessalo niki, Greece	10/09/2023	Circular Economy Applications for Regenerative Agriculture	Oral	
EVO	Oslo Innovation Week 2023	Internati onal Exhibitio n	Oslo, Norway	25-29/09/2023	Circular Economy Applications for Regenerative Agriculture	Oral	
EVO	DETROP Helexpo Fair 2023	Internati onal Food Tech Exhibitio n	Thessalo niki, Greece	18/02/2023	Industrial Symbiosis in the Olive Oil Sector	Oral	
EVO	SBC-Greece Annual Sustainability Conference 2023: Defining 3.000y of Sustainability	Internati onal Congres s	Athens, Greece	19/10/2023	Regenerative Agriculture and Ecosystem Services in the Built Environment	Panel	
EVO	PwC Greece	Private	Athens,	10/11	Potential to	Discussion	

		Present ation	Greece	/2023	collaborate with SIRAM and promote it		
ARC	The 12th International conference on Current, Recent and Advanced Research on Agriculture, Food and Animal Production (ICCRAAFA 2023)	Internati onal congres s	Hurghad a, Egypt	19- 22/10 /2023	Sustainable Innovations for Regenerative Agriculture in the Mediterranean Area (SIRAM)- Egyptian team activities	Poster/ Discussion	https:// iccrarafa2023.c onferences.ekb .eg/
ENA M & USM BA	2ème édition du Congrès international : Ressources Naturelles et Développemen t Durable (RENA23), 09, 10 et 11 Nov 2023, Fès- Maroc		Fes, Morocc o	9- 11/11 /2023	Identification and Biocontrol Strategies Against Dieback Disease in Olive Trees (Olea europaea L.)	Oral	https:// rena23.science sconf.org/
ENA M & USM BA	International workshop II Abiotic & biotic factors affecting olive trees in Mediterranean areas: New challenges for sustainable production, ENA-Meknes on 07th June 2023	Internati onal ongress	Meknes, Morocc o	07/06 /2023	Biological control of olive trees dieback using antagonistic bacteria	Oral	
ENA M & USM BA	1st International congress RENA-2022, May 26, 27 & 28, Fes- Morocco	Internati onal ongress	Fes, Morocc o	26- 28/05 /2022	Biocontrol of dieback disease of olive trees (Olea europaea L.) caused by Pythium schmitthenneri by means of antagonistic bacteria	Oral	https:// rena2022.scien cesconf.org/? forward- action=index& forward- controller=inde x&lang=fr
ENA M & USM BA	8eme Edition, Ecole Internationale de Recherche : Biodiversité, Biotechnologie s, durabilité &	Internati onal Congres s	Agadir, Morocc o	2- 4/12/ 2021	Evaluation in vitro de l'activité antagoniste de Trichoderma spp. vis-à-vis de Pythium schmitthenneri, agent causal de la pourriture racinaire	Oral	https:// www.edubiom ed.eu/wp- content/ uploads/ 2022/03/ Programme-

	Innovation, du 02 au 04 Décembre 2021, Faculté des sciences d'Agadir				de l'olivier Olea europaea		8EIR2021.pdf
ENAM & USM BA	2ème édition du Congrès international : Ressources Naturelles et Développement Durable (RENA23), 09, 10 et 11 Nov 2023, Fès-Maroc	International Congresses	Fes, Morocco	9-11/11/2023	Unlocking the Potential of Endophytic Fungus Strains as Biocontrol Agents against Olive Trees (Olea europaea L.) Dieback in Morocco	Poster	https://rena23.scienceconf.org/
ENAM & USM BA	1st International congress RENA-2022, May 26, 27 & 28, Fes-Morocco	International congress	Fes, Morocco	26-28/05/2022	Pythium schmitthenneri causes dieback disease on olive trees in Morocco	Poster	https://rena2022.sciencesconf.org/?forward-action=index&forward-controller=index&lang=fr
ENAM & USM BA	1st International congress sustainable agriculture: Tools and Innovations *AgriNov2021*, Faculty of sciences and technics, Beni Mellal, Morocco, on 27-30th October 2021.	International congresses	Beni Mellal, Morocco	27-30/10/2021	Evaluation in vitro de l'activité antagoniste de certaines bactéries vis-à-vis de Pythium schmitthenneri, agent causal de la pourriture racinaire de l'Olivier	Poster	http://www.ucam.ac.ma/microbiona/Ressources/Congress%20AgriNov2021_Oct%20.pdf
ENAM & USM BA	International workshop I Citriculture face to abiotic and biotic stresses in Mediterranean areas: New challenges for sustainable production	International Congresses	Meknes, Morocco	07/06/2023	Emerging diseases might threatening citrus production in Morocco	Oral	
ENAM & USM BA	International workshop I Citriculture face to abiotic	International Congresses	Meknes, Morocco	07/06/2023	Moroccan citriculture: current situation, strenghts and challenges	Oral	

	and biotic stresses in Mediterranean areas: New challenges for sustainable production						
ENAM & USMBA	International workshop I Citriculture face to abiotic and biotic stresses in Mediterranean areas: New challenges for sustainable production	International Congresses	Meknes, Morocco	07/06/2023	Citrus dry root rot: from detection to development of control strategies	oral	
ENAM & USMBA	International workshop II Abiotic & biotic factors affecting olive trees in Mediterranean areas: New challenges for sustainable production, ENA-Meknes on 07th June 2023	International Congress	Meknes, Morocco	07/06/2023	phytopathogenic nematodes associated with olive trees in North Africa: current status and management approaches	Oral	
EVOTROPIA	EPLO/ AgriBusiness in the 7th Circle the Med Forum; Session: "Food Safety and Resilience under the conditionalities of the Green Deal and F2F strategy"	international congresses	Greece + virtual	18-19/01/2024	Regenerative farming, natural capital and supply resilience	Oral	https://www.circlethemed.com/vod/circle-the-med-7th-edition/s/food-safety-resilience-underthe-conditionalities-of-green-deal-and-f2f-strategy
EVOTROPIA	BEYOND International Exhibition 2024: The Age of AI - Unlocking Potential	International Exhibition	Greece, Thessaloniki	25-27/04/2024	Ecological Finance Engineering in Regenerative Agriculture	Oral	https://www.beyond-expo.gr/
UC	35th Symposium of the European	International Congress	Spain, Cordoba	15-19/04	Bacterial cell cultures' effects on the infectivity of		https://esn24cordoba.

	Society of Nematologists	s		/2024	Meloidogyne hapla		com/
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In addition to that, IRTA distributed SIRAM promotional brochure during the event entitled “VIII jornadas de innovación y transferencia en cultivos extensivos de invierno” (17-18 May 2023, Lleida, Catalonia), which was the VIII GENVCE conference on innovation and transference in extensive winter crops. The event was a great opportunity to disseminate SIRAM, given that the audience counted about 1200 participants.

3. TRAINING PROGRAMME AND WORKSHOPS

4.1 Advanced blended courses

SIRAM aims to develop and give 4 training courses during the project. Each course includes theoretical and practical sessions including “field visits” to relevant local entities adopting innovative management approaches. The courses includes a face-to-face part and an online part. Training courses will be developed in such a way that, by the end of the project, they will be made publicly available for free in a form of self-paced e-learning courses in English (within a Digital tool) to foster their uptake at EU scale.

Table 5 shows a tentative schedule about these courses (still under development and prone to future changes) and the topics proposed so far.

Table 5: List of the training courses foreseen in SIRAM.

Course Title	Place	Partner	When	Topics covered
Agronomical techniques for regenerative agriculture: no-tillage and cover crops	Piacenza, Italy	UCSC	December 2023 (1st part - DONE) and May 2024 (2 nd part)	Basic principles of regenerative agriculture
Resistant crop varieties to face abiotic and biotic stresses in Mediterranean area	Tunisia	CRRA	Spring-summer 2024	
Beneficial microorganisms for biostimulation and induced systemic	Meknès, Morocco	ENAM	Autumn 2024	

resistance				
Recycle and valorization of organic biomasses in regenerative agriculture	Catalonia , Spain	IRTA	Autumn 2024	Types of organic biomasses. Effects on soil quality. Treatments to improve organic biomass characteristics. Criteria for application in the context of Regenerative Agriculture.

The course organised by UCSC took place in December 2023 and the elearning part is already online. The second part of the course will take place at the end of May 2024. This course gathered approximately 60 participants (high-school students).

4.2 Demonstration workshops

The project has the ambition to propose 12 open demonstration workshops (at least one per case study) presenting each case study/lighthouse to local stakeholders, in cooperation with case study leaders. A tentative schedule and the topics proposed so far are presented in the table below (Table 6).

Table 6: Demonstration workshops

#	CS nr.	Workshop Title	Place	Partner	When	Topics covered
1	1	Microbial biostimulants in agriculture	Piacenza, Italy	UCSC	Autumn 2024	
2	2	Managing organic farming systems with Regenerative Agriculture practices	Piacenza, Italy	UCSC	Autumn 2024	
3	3	Management of olive diseases	Meknès, Morocco	ENAM/Providence Verte-Louata	7 June 2023 (DONE)	
4	4	Management of potatoes diseases	Salheya city, Egypt	ARC/Daltex Company	Autumn 2024	Economic importance of potato / important fungal, bacterial and nematode diseases of potato and their management / The effect of some bioagent treatments on increasing potato crop productivity and reducing the incidence of diseases
5	4	Management of olive diseases	El Minya Governorate, Egypt	ARC/Daltex Company	June 2024	A suitable environment for growing olive trees / agricultural operations / the

						most important diseases affecting olive trees/Nematode diseases on olive trees/ methods of biological control for diseases
6	4	Management of citrus diseases	An Nubariyah region, Egypt	ARC/Daltex Company	Spring 2025	Importance of the citrus family/ Citrus diseases/ plant parasitic nematodes/ alternative methods for the control of nematodes/ Integrating multiple approaches such as the application of biocontrol agents with compost/ strategies for the sustainable control
7	5	Management of citrus diseases	Fes, Morocco	Faculty of Sciences and Techniques (FSTUSMBA)/Providence Verte-Louata	7 June 2023 (DONE)	
8	6	Improving sustainability of winter crop rotations by introducing regenerative agricultural practices	La Tallada d'Empordà, Catalonia, Spain	IRTA	Spring 2025	soil tillage / Crop rotation / manure use/ resistant varieties / effects on arable crop productivity and soil health in rainfed agricultural systems
9	6	Regenerative agricultural practices in irrigated maize for a sustainable production	La Tallada d'Empordà, Catalonia, Spain	IRTA	Summer 2024	soil tillage / cover crops / manure use/... effects on arable crop productivity and soil health in irrigated maize-based agricultural systems
10	7	Agroecological practices for sustainable olive production	Sidi Bouzid, Tunisia	CRRA	Spring 2025	The impact of using some regenerative agricultural practices to improve olive sustainable production (no or reduced tillage, compost, microbial biostimulant, biofertilizers...)
11	7	Sustainable management approaches to improve vegetables crops resilience towards abiotic and biotic stress	Sidi Bouzid, Tunisia	CRRA	Spring - Summer 2024	
12	8	The impact of plant-parasitic nematodes on bacterial and fungal	Coimbra, Portugal	UC	Autumn 2024	Microbiomes / soil properties / nematodes / bionematicides / bacteria and fungi

		microbiome of the potato- growing soils				
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4.3 Podcast

A series of podcasts will be produced in the frame of the demonstration workshops. Specifically, during the workshops, round-table discussions will be organised and will be audio-video recorded. These recordings will be used as inputs of podcasts (at least 4 episodes) which will be produced to address the gap between the scientific community and the interested citizens and aim to stimulate reflection and critical thinking on relevant issues of the project.

4.4 Final conference

At the end of the project an international final conference will be organised possibly in Brussels by UCSC, involving stakeholders at European level. A key achievement booklet (see section 2, par. 3.3) with policy recommendations will be distributed.