

DELIVERABLE 1.1: SYNERGIES PLAN (version 1)

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Version History

Version number	Authors/Implemented by	COO approval date	Notes
1.0	María Rosa Mosquera-Losada // Nuria Ferreiro Domínguez	30/06/2023	

SUMMARY

Synergies are a core activity of the GOOD project which ensures a wide impact of the GOOD project activities and results by linking the project to other initiatives. The specific objectives of the GOOD synergies are: (i) provide further elements for the scanning of promising Agroecological Weed Management (AWM) practices to be mapped, (ii) enhance cross-project collaboration, promoting mutual evaluation of project activities and outcomes, (iii) join efforts on communication activities and dissemination of results among similar projects. In the first two months of the GOOD project, a total of eleven European projects, two operational groups and four networks related to AWM were identified to establish synergies through the GOOD consortium partners and an online Cooperation Meeting. The GOOD project will establish synergies with the projects and networks identified from a research point of view but also through communication and dissemination activities. In this context, from a research point of view, common demo farm events or cross-visits will be organised in different countries where national partners will share their experiences. Moreover, different communication and dissemination activities will be carried out in collaboration with other projects and networks such as the publication of articles in the newsletters of other projects and networks, the organisation of common national events and virtual events or the publication of the GOOD data on the platforms of other projects and networks.

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1. INTRODUCTION

The overall objective of the GOOD project is to co-create innovative, systemic and sustainable agroecological weed management (AWM) solutions through the deployment of living labs (LLs) and to encourage a long-term and large-scale transition to sustainable biodiversity based agri-food systems through the development of the AWM network. Therefore, GOOD synergies are a core activity of the GOOD project which ensures a wide impact of the GOOD project activities and results by linking the project to other initiatives and addressing the scientific and policy perspectives. In this context, the specific objectives of the GOOD synergies are:

- Provide further elements for the scanning of promising AWM practices to be mapped
- Enhance cross-project collaboration, promoting mutual evaluation of project activities and outcomes
- Join efforts on communication activities and dissemination of results among similar projects

The objective of deliverable 1.1 “Synergies Plan” is to report the plan and outcomes for synergies with other projects and networks during the first two months of the project. This deliverable has periodic reporting, which will take place in months 24 and 46. Throughout the sections of this document, the different synergies activities planned at European, National and Regional levels are shown and analysed to foster GOOD networking and to establish the level of development and define if needed, measures of improvement.

2. PARTICIPANTS

All GOOD consortium partners have participated in the preparation of the deliverable 1.1 “Synergies Plan” facilitating contact with projects and networks with which to establish synergies.

3. METHODOLOGY

Drawing the synergies of the GOOD project was based on the information collected by the consortium partners. The GOOD partners established contact with networks and European, National and Regional projects funded under the GOOD topic and in which they are partners to establish synergies based on:

- Further elements for the scanning of promising AWM practices to be mapped
- Cross-project collaboration
- Join efforts on communication and dissemination of results among similar projects

Moreover, an online cooperation meeting was held on 14th June 2023 with projects funded under the GOOD topic and other relevant projects to exchange best practices, implement synergies where possible and deliver added value communication, dissemination and exploitation activities towards all stakeholders, including

European policymakers and scientific communities in the appropriate fora. A total of six projects were involved in this Cooperation Meeting (Table 1).

Table 1: Participants list in the GOOD Cooperation Meeting.

N°	TOPIC	PROJECT NAME
1	HORIZON-CL6-2022-FARM2FORK-02-01-two-stage	GOOD
2	HORIZON-CL6-2022-FARM2FORK-02-01-two-stage	AGROSUS
3	HORIZON-CL6-2021-FARM2FORK-01-03	D4AgEcol
4	HORIZON-CL6-2021-GOVERNANCE-01-23	OPER8
5	HORIZON-CL6-2021-GOVERNANCE-01-24	EU-FARMBOOK
6	HORIZON-CL6-2022-GOVERNANCE-01-12	AF4EU

At the beginning of the Cooperation Meeting, the GOOD project was presented to establish possible synergies with the projects represented at the Cooperation Meeting. Then, each participant in the Cooperation Meeting presented their project indicating: (i) the objective of the project, (ii) the main activities linked to AWM and (iii) possible synergies. At the end of the Cooperation meeting a discussion was carried out to define the possible synergies among projects.

4. SYNERGIES WITH EUROPEAN PROJECTS

Establishing synergies with the different initiatives delivering innovations is key in Europe to reach an enabling environment from a win-win situation. In spite of GOOD being in its second month of live, several synergies with different types of national or international projects have been approached and agreed on possible potential collaborations that will be further developed within the project framework. A general overview of the different initiatives can be seen in Figure 1.

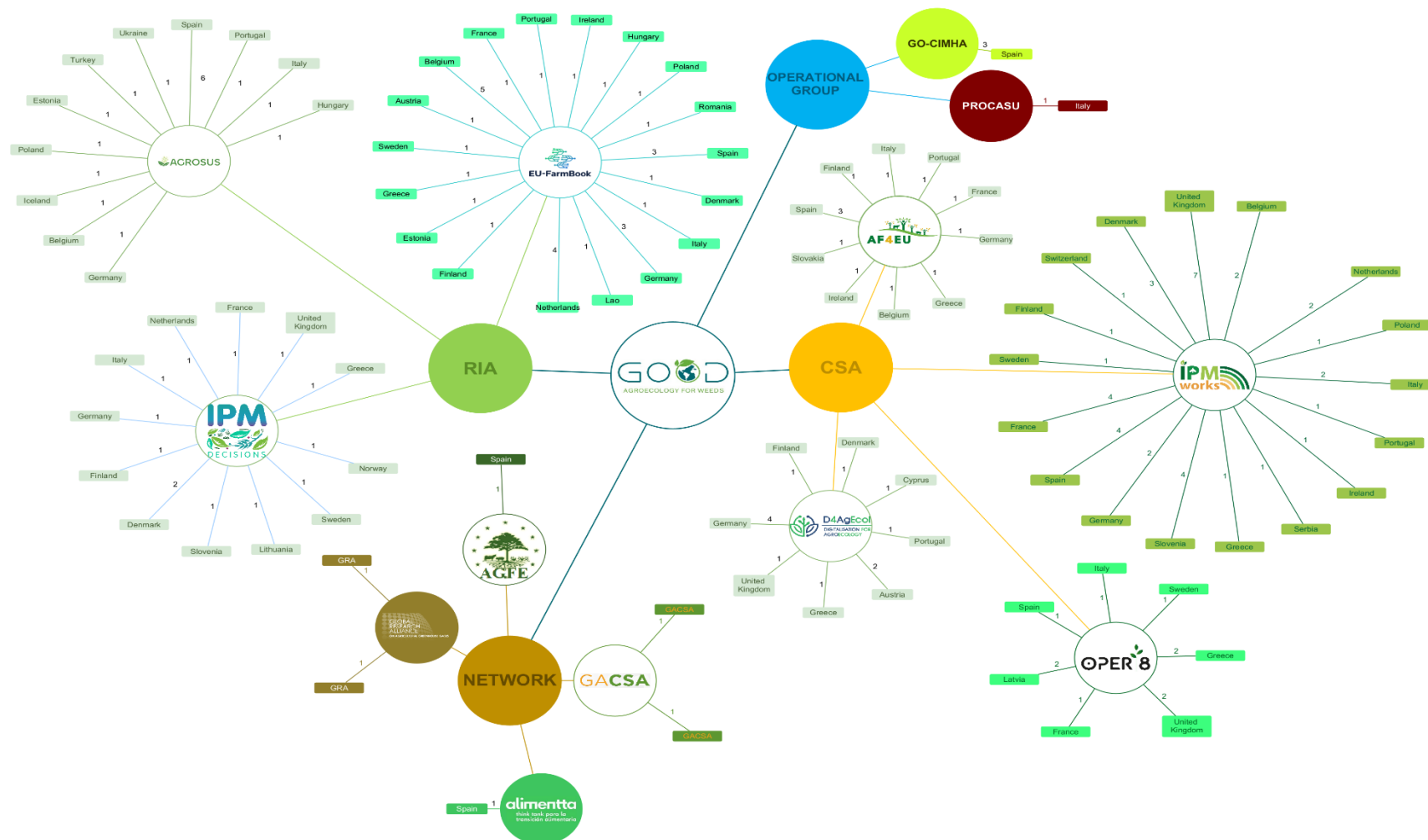


Figure 1. Coordination and support actions (CSA), Research and Innovation Actions (RIA), Networks, Operational groups linking GOOD map. Each project links represent the networking countries.

4.1. Coordination and support actions

Establishing synergies with Thematic Networks is essential to foster AWM in Europe. In the two first months of the GOOD project, contacts that are moving forward were established with four Thematic Networks (AF4EU, D4AgEcol, OPER8 and IPMWORKS), mainly because some of the partners of the GOOD project are coordinators or partners of these Thematic Networks. Three of the four Thematic Networks (AF4EU, D4AgEcol and OPER8) were contacted through the Cooperation Meeting and the other Thematic Network was contacted by a partner of the GOOD consortium (IPMWORKS). Moreover, it is important to highlight the connection established with OPER8 which is the only Thematic Network funded by the European Commission for AWM. The GOOD results will be considered in these Thematic Networks highlighting for example the type of AWM to be promoted in annual and perennial crops through workshops, meetings or demo-farms. The knowledge of Thematic Networks will also be integrated into the GOOD project to better produce materials for communication and dissemination. So, it can be concluded that the GOOD project has established strong connections with some Thematic Networks funded under the same topic during the last two months and these connections will increase in the coming months.

Agroforestry business model innovation network (AF4EU)

Type of Project	CSA- Coordination and Support Actions
Leading Organization	University of Santiago de Compostela (USC)
Region(s)/Country(s)	Lead: ES European Partners: 3ES, 1GR, 1DE, 1IT, 1FR, 1SK, 1IE, 1FI, 1PT, 1BE Associated Partners: 3ES, 1IT, 1GR
Main Contact(s)	María Rosa Mosquera Losada (USC)
Website	https://www.af4eu/
GOOD Partner Contacting	María Rosa Mosquera-Losada// Nuria Ferreiro Domínguez (USC)
Date of First Contact	May 2023
Short Description of the Project	The overall AF4EU objective is the promotion and innovation of European AF through the development of a multi-actor interactive and innovation-driven expanded agroforestry network, based on the sharing of successful cost-effective practical experiences and existing research knowledge (applied to different and new territories, climates and agricultural sectors) connected through ICT-Tools, with a special focus on the development and implementation of new business models and AF-extension services considering the whole food chain and therefore including consumers.
Short Description of the Synergy	<p>1.- Further elements for the scanning of promising Agroecological Weed Management (AWM) practices to be mapped within Task 1.2:</p> <p>Contextualize and further provide AWM best practices for the AWM current EU situation including in AF. Review deliverables</p> <p>2.- Cross-project collaboration:</p> <p>Workshops and meetings to validate the GOOD and AF4EU results</p> <p>3.- Join efforts on communication and dissemination of results among similar projects:</p> <p>3.1.- <u>Communication</u>: Newsletter, podcasts,....</p> <p>3.2.- <u>Dissemination</u>: conference participation, specialized farmer journals....</p>

Digitalisation for agroecology (D4AgEcol)

Type of Project	CSA-Coordination and Support Action
Leading Organization	Leibniz Institute for Agricultural Engineering and Bioeconomy (ATB)
Region(s)/Country(s)	Lead: DE European Partners: 2AT, 1CY, 1DK, 4DE, 1GR, 1PT, 1FI Associated Partners: 1GB
Main Contact(s)	Andreas Meyer-Aurich (ATB), d4agecol@atb-potsdam.de
Website	https://d4agecol.eu/
GOOD Partner Contacting	Javier Rodríguez-Rigueiro, - Agricultural University of Athens
Date of First Contact	June 2023
Short Description of the Project	<p>The overall D4AgEcol objective is to provide knowledge for the transition to agroecological farming by identifying appropriate digital tools and technologies and suggesting measures to adapt and exploit their potential to the transition to sustainable food and agricultural systems. The project is driven by the vision of the rapid digitalisation of agriculture, which strengthens the agricultural sector.</p> <p>D4AgEcol will show the potential of digitalisation as enabler for agroecological farming systems in Europe based on available knowledge and actors and stakeholders co-innovation capacity. The Partners will assemble a holistic evaluation of digital tools and technologies based on indicators for agroecology, economic considerations and investigations about perceived benefits for users and stakeholders.</p>
Short Description of the Synergy	<p>1.- Further elements for the scanning of promising Agroecological Weed Management (AWM) practices to be mapped within Task 1.2:</p> <p>As a Coordination and Support Action D4AgEcol does not work on new innovative weeding strategies.</p> <p>2.- Cross-project collaboration:</p> <p>Mutual updates on technologies specific to organic weed control and management.</p> <p>3.- Join efforts on communication and dissemination of results among similar projects:</p> <p>Invitation to meetings/workshops (e.g. Digital Tool Scoping Workshop on weeding/weed detection, final symposium);</p> <p>Link to the planned online database for technologies (link specifically to weed management technologies)</p> <p>Newsletter “guest” article on technologies</p>

European thematic network for unlocking the full potential of operational groups on alternative weed control (OPER8)

Type of Project	CSA-Coordination and Support Actions
Leading Organization	Agricultural University of Athens
Region(s)/Country(s)	Lead: Greece European Partners: 2EL, 1IT, 1FR, 1SW, 2 LV, 1SP Associated Partners: 2UK
Main Contact(s)	Spyros Fountas (AUA)
Website	https://www.oper-8.eu/
GOOD Partner Contacting	Spyros Fountas (AUA)// Nicoleta Darra (AUA)/
Date of First Contact	May 2023
Short Description of the Project	By building upon the outcomes of eight Operational Groups across Europe, the Oper8 Thematic Network will establish stakeholder engagement processes to set up and connect national networks in each partner country. It will also uncover the drivers, barriers and root causes for the lack of non-chemical weed control adoption. The network will collect, analyse, validate, and widely disseminate non-chemical weed solutions (Oper8 Inventory, Best Practices), and establish cross-fertilisation activities (workshops, demo farms) within and across the national networks. The aim will be to co-create, showcase and evaluate non-chemical weed control methods. It will also deploy knowledge transfer tools and techniques (training and policy recommendations) to adapt, disseminate and scale-up alternative weed control solutions and ensure their diffusion within countries and across Europe.
Short Description of the Synergy	<p>1.- Further elements for the scanning of promising Agroecological Weed Management (AWM) practices to be mapped</p> <p>Deliverables: 2.1 (needs, gap barriers, survey), Deliverable 2.2 (systematic review)</p> <p>2.- Cross-project collaboration</p> <p>Cross-visits, virtual events, demo farms</p> <p>3.- Join efforts on communication and dissemination of results among similar projects</p> <p>Newsletters – Articles, Videos, Podcasts</p>

An EU-wide farm network demonstrating and promoting cost-effective IPM strategies (IPMWORKS)

Type of Project	CSA - Coordination and support action
Leading Organization	INRAE
Region(s)/Country(s)	Lead: FR European Partners: 2DK, 4FR, 4ES, 1RS, 1PT, 2NL, 1CH, 2BE, 1GR, 2DE, 1SE, 1SI, 1PL, 3GB, 1FI, 2IT, 1IE, 1DK
Main Contact(s)	Nicolas Munier Jolain
Website	www.ipmworks.net
GOOD Partner Contacting	Harm Brinks, Delphy
Date of First Contact	June 2023
Short Description of the Project	Demonstration of holistic IPM strategies, showing that IPM indeed works. 20 farmer groups across countries and sectors are the key element in this project.
Short Description of the Synergy	<p>1.- Further elements for the scanning of promising Agroecological Weed Management (AWM) practices to be mapped within Task 1.2:</p> <p>Not available</p> <p>2.- Cross-project collaboration:</p> <p>Include AWM practices in the demonstration events of IPMWORKS.</p> <p>3.- Join efforts on communication and dissemination of results among similar projects:</p> <p>Share project information in newsletters and on the website. Make AWM practices part of the dissemination work.</p>

4.2. Research and innovation actions

The establishment of synergies with Research and Innovation Actions is essential to link all of them to the AWM networking, being GOOD already linked to three Research and Innovation Actions besides the four Thematic Networks. In this context, in the Cooperation Meeting, the GOOD project established synergies with AGROSUS which is a project funded in the same call as GOOD (HORIZON-CL6-2022-FARM2FORK-02-01) and EU-FarmBook that is developing the first long-term EU-wide digital knowledge reservoir (GOOD data will be open on the EU-FarmBook platform). The project IPM Decisions, which is developing a platform for DSS (pests, diseases and weeds) was also contacted by a partner of the GOOD project. The connections with these Research and Innovation Actions will allow for synergies with key stakeholders to identify the critical characteristics and needs of the regions not included in the GOOD project, exchange knowledge or jointly foster the adoption of GOOD solutions for AWM in different zones around Europe. Moreover, to increase the synergies among projects the AGROSUS project will hold a new cooperation meeting in month six in which GOOD will be presented. In any case, more synergies with other Research and Innovation Actions will soon be established to transfer GOOD practical knowledge to a large scale. Cooperation has been already ensured with the sister project CONSERWA. GOOD partners have participated in their kick-off meeting which was held online the first days of May 2023.

Agroecological strategies for sustainable weed management in key European crops (AGROSUS)

Type of Project	RIA-Research and Innovation Action
Leading Organization	Universidade de Vigo (UVIGO)
Region(s)/Country(s)	Lead: ES European Partners: 6ES, 1PL, 1PT, 1IT, 1EE, 1DE, 1RO, 1UA, 1TR, 1IS Associated Partners: 1HU
Main Contact(s)	Adela M. Sánchez Moreiras (Universidade de Vigo)
Website	www.agrosus.eu (under construction)
GOOD Partner Contacting	Adela M. Sánchez Moreiras (UVIGO) // David Fernández Calviño (UVIGO)
Date of First Contact	April 2023
Short Description of the Project	With the long-term view of reducing and eventually eliminating the use of synthetic herbicides in European agriculture, AGROSUS aims to unfold and introduce improved holistic agroecological strategies (AS), co-created with all relevant actors, for the transformation of weed management for a broad range of crops (30) in all the 11 different European biogeographic regions, while increasing the delivery of ecosystem services and accompanying farmers in the new strategies adoption. AGROSUS aims to provide crop management tools implementing techniques that allow sustainable, fair, and safe weed management in conventional, organic, and mixed farming systems, as well as fostering farmers' acceptance.
Short Description of the Synergy	<p>1.- Further elements for the scanning of promising Agroecological Weed Management (AWM) practices to be mapped within Task 1.2:</p> <p>Increase information about problematic weeds in Europe and commonly used weed management strategies. Contextualize and further provide AWM best practices for the AWM current EU situation.</p> <p>2.- Cross-project collaboration:</p> <p>Workshops and meetings for results validation and dissemination</p> <p>3.- Join efforts on communication and dissemination of results among similar projects:</p> <p>Different activities and initiatives to promote agroecology and reinforce further collaboration, optimize resources, reach a wider audience and maximize the impact of the proposed actions (e.g., symposiums or policy sessions, joint dissemination materials, share stakeholders' communities/living labs, etc.).</p>

Supporting knowledge exchange between all AKIS actors in the European Union (EU-FarmBook)

Type of Project	RIA - Research and Innovation action
Leading Organization	Ghent University
Region(s)/Country(s)	Lead: BE European Partners: 5BE, 4NL, 1GR, 3ES, 1RO, 1FI, 1SE, 1LA, 1DK, 1PT, 3DE, 1IE, 1IT, 1FR, 1EE, 1POL, 1AT, 1HU
Main Contact(s)	Pieter Spanoghe
Website	https://welcome.eufarmbook.eu/
GOOD Partner Contacting	AUA team
Date of First Contact	June 2023
Short Description of the Project	An online, open-source, European knowledge reservoir about agriculture and forestry practical solutions was developed by two EU projects, EURAKNOS and EUREKA. The EU-funded EU-FarmBook project will further develop this digital platform, making it easy to search for and share practical knowledge about farming and forestry from regional, national and EU research and innovation projects. This is the first long-term, EU-wide digital knowledge reservoir. The EU-FarmBook platform will connect many AKIS actors, provide training materials as an input to the advisors and serve education institutes. In terms of dissemination, EU-FarmBook will form links to traditional channels, such as agricultural journals. The overall aim is for the platform to stimulate knowledge exchange, user interaction and collaboration, ultimately resulting in innovation for environmentally, socially and economically sustainable agriculture and forestry.
Short Description of the Synergy	<p>1.- Further elements for the scanning of promising Agroecological Weed Management (AWM) practices to be mapped within Task 1.2:</p> <p>Social media sharing and Knowledge Sharing in EU-FarmBook</p> <p>2.- Cross-project collaboration:</p> <p>Joint content creation (news item, video, interview – success cases)</p> <p>3.- Join efforts on communication and dissemination of results among similar projects:</p> <p>Joint Newsletter (ATTRACTISS, modernAKIs, PREMIERE)</p>

Stepping-up IPM decision support for crop protection (IPM Decisions)

Type of Project	RIA - Research and Innovation action
Leading Organization	ADAS UK
Region(s)/Country(s)	Lead: GB European Partners: 1GB, 1SE, 1NO, 1LT, 1FI, 1NL, 1DE, 1IT, 1FR, 1GR, 1SI, 2DK
Main Contact(s)	Neil Pavely, ADAS
Website	www.platform.ipmdecisions.net / www.ipmdecisions.net
GOOD Partner Contacting	Harm Brinks, Delphy
Date of First Contact	June 2023
Short Description of the Project	The aim of IPM Decisions is to development of a platform for DSS. Ambition is to make DSS available for all farmers and advisors across Europe. DSS for pests, diseases and weeds. Currently aproximately 25 DSS available.
Short Description of the Synergy	<p>1.- Further elements for the scanning of promising Agroecological Weed Management (AWM) practices to be mapped within Task 1.2:</p> <p>Not available</p> <p>2.- Cross-project collaboration:</p> <p>Collaboration on weed DSS, as they possibly can be used in the LL's</p> <p>3.- Join efforts on communication and dissemination of results among similar projects:</p> <p>Share project information in newsletters and on the website. Link weed DSS to GOOD in promotion and presentations, and vice versa</p>

4.3. Other European projects

A total of four projects funded under different European programs such as LIFE or the European Union within the Regional Innovation Scheme (RIS) framework were found to be related to AWM and therefore can be linked to the GOOD project. The identified projects are related to organic intercropping systems (SCOOP), the improvement of cropping systems to be more resilient and low-impact on the environment (LT-Maize), the new approaches for defence in modern and sustainable viticulture (GREEN GRAPES) and the use of biochar and compost as a soil amendment (BTF). In general, synergies with these projects will be established from a research point of view to share knowledge on AWM, agroecology, precision agriculture, soil preservation, knowledge and innovation systems.

Developing intercropping systems with Camelina to increase the yield and quality parameters of local underutilized crops (SCOOP)

Type of Project	Multiactor
Leading Organization	University of Warmia and Mazury in Olsztyn, Olsztyn, Poland (UWM)
Region(s)/Country(s)	Lead: PL (UWM) European Partners: 3IT, 1BG, 1PL Associated Partners: International Partners: 1TR
Main Contact(s)	Michal Krzyzaniak, Cristina Micheloni
Website	https://site.unibo.it/scoop-core-organic/it/il-progetto
GOOD Partner Contacting	Stefano Bortolussi, Rosita Palamara
Date of First Contact	June 2023
Short Description of the Project	The "SCOOP" project is focused on innovative and diversified organic intercropping systems aimed at preserving the ecosystem and agricultural land integrity, biodiversity, and food/feed security. The new intercrops will be based on camelina (<i>Camelina sativa</i> (L.) Crantz). The companion crop will be identified locally in the living labs created at hoc which will gather local stakeholders, farmers, breeders, scientists, food processors, considering their needs, expectations, traditional food uses, and the most representative organic farming systems. SCOOP intercropping will be grown in four different European pedo-climates in Bulgaria, Italy, Poland, and Turkey. "SCOOP" intercrops will be a win-win solution allowing early soil coverage, enhancing the efficient use of natural resources, preventing N-leaching and soil erosion; reduction of inputs for pest and disease control due to a higher competitive advantage over weeds and diseases of diversified cropping systems; promotion of seed quality; new market opportunities. The "SCOOP" consortium follows a multi-actor approach with 4 partners from the R&D and 2 representing the productive/consumers' world, to maximize the result impact.

<p>Short Description of the Synergy</p>	<p>1.- Further elements for the scanning of promising Agroecological Weed Management (AWM) practices to be mapped within Task 1.2:</p> <p>Particular focus will be given to the evaluation of the ecosystem services linked to the proposed intercrops at the soil and microbiome level. Moreover, the setting up of the local living labs, as the venue where to present and discuss with different actors the results of the "SCOOP" project, will permit an easy uptake of intercropping practices in the near future also using other crops than camelina taking advantage from the acquired knowledge.</p> <p>The companion crop (e.g. pulses, pseudo-cereals, ancient cereals etc.) will be identified locally in the <u>living labs</u> created at hoc which will gather local stakeholders, farmers, breeders, scientists, food processors, considering their needs, expectations, traditional food uses, and the most representative organic farming systems. SCOOP intercropping will be grown in four different European pedo-climates in Bulgaria, Italy, Poland, and Turkey.</p> <p>2.- Cross-project collaboration:</p> <p>Workshops and meetings to validate the GOOD and SCOOP results</p> <p>3.- Join efforts on communication and dissemination of results among similar projects:</p> <ul style="list-style-type: none"> - Communication: Newsletter, podcasts,.... - Dissemination: conference participation, specialized farmer journals....
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Comparison of long-term maize cropping system for sustainable and stable yield under climate change (LT-Maize)

Type of Project	Bilateral Project
Leading Organization	Maize Research Institute "Zemun Polje" (MRIZP) and Leibniz Centre for Agricultural Landscape Research (ZALF)
Region(s)/Country(s)	Lead: RS European Partners: IRS, IDE
Main Contact(s)	Vesna Dragičević, Maize Research Institute "Zemun Polje"
Website	https://mrizp.rs/bilateral-cooperation-serbia-germany-2023-2025/
GOOD Partner Contacting	Vesna Dragičević / Milan Brankov/ Milena Simić (MRIZP)
Date of First Contact	June 2023
Short Description of the Project	The overall objective of LT-Maize is to integrate results and experiences, as joint research from the long-term experiments on maize, as the main crop, toward the application of crop rotation, tillage and irrigation, in two different environments: ZALF in Germany (continental climate) and MRIZP in Serbia (semi-arid climate). The novelty of the project brings upon knowledge, experience and main findings exchange regarding applied methods used in existing experiments, widening the information which will be processed to enhance cropping systems to be more resilient and low-impact on the environment.
Short Description of the Synergy	<p>1.- Further elements for the scanning of promising Agroecological Weed Management (AWM) practices to be mapped within Task 1.2:</p> <p>Based on the data analysis for the yield stability of maize and factors influencing it, such as: soil tillage, crop rotation, irrigation, including weed composition and coverage it is expected to suggest applicable maize cropping technology for future climate conditions.</p> <p>2.- Cross-project collaboration:</p> <p>Workshops and meetings to validate the GOOD and LT-Maize results.</p> <p>3.- Join efforts on communication and dissemination of results among similar projects:</p> <p><u>Communication:</u> Newsletter, workshops, scientific meetings,....</p> <p><u>Dissemination:</u> Conference participation, scientific journals....</p>

New approaches for defense in a modern and sustainable viticulture: from the nursery to the harvest (Life+ GREEN GRAPES)

Type of Project	LIFE
Leading Organization	CREA - Council for Research in Agriculture and the Analysis of Agricultural Economics - Viticulture and Enology Research Center of Arezzo
Region(s)/Country(s)	Lead: IT European Partners: 6 IT, 1CY
Main Contact(s)	Monica Pierucci, (Prima forma)
Website	https://www.lifegreengrapes.eu/
GOOD Partner Contacting	Michalakis Christoforou (CUT)
Date of First Contact	May 2023
Short Description of the Project	The overall GREEN GRAPES objective is to demonstrate and evaluate the effectiveness of application protocols based on forecasting defense models (decision support systems - DSS) combined with agronomic techniques and foliar interventions on vine plants in multiplication and production, based on the use of products of the type inductors of resistance and biocontrol agents.
Short Description of the Synergy	<p>1.- Further elements for the scanning of promising Agroecological Weed Management (AWM) practices to be mapped within Task 1.2:</p> <p>Not available</p> <p>2.- Cross-project collaboration:</p> <p>Validate GOOD and Green Grapes results on soil analysis and biodiversity</p> <p>3.- Join efforts on communication and dissemination of results among similar projects:</p> <p>3.1.- <u>Communication</u>: Newsletter, podcasts,....</p> <p>3.2.- <u>Dissemination</u>: conference</p>

Black to the future (BTF) – Biochar and compost as soil amendment

Type of Project	Innovation Project (European Union within the Regional Innovation Scheme (RIS) framework)
Leading Organization	CAVIRO
Region(s)/Country(s)	Lead: IT European Partners: 4 IT, 1SP, 1PT, 1BG,1 CY
Main Contact(s)	Rosa Prati (CAVIRO)
Website	blacktothefuture.eu
GOOD Partner Contacting	Michalakis Christoforou (CUT)
Date of First Contact	May 2023
Short Description of the Project	Black to the future aims at reducing desertification, improving soils and increasing carbon sequestration and yield quality within a circular economy network where farmers are feedstock producers and product end users.
Short Description of the Synergy	<p>1.- Further elements for the scanning of promising Agroecological Weed Management (AWM) practices to be mapped within Task 1.2:</p> <p>Not available</p> <p>2.- Cross-project collaboration:</p> <p>Validate GOOD and BTF results on soil health, analysis and biodiversity</p> <p>3.- Join efforts on communication and dissemination of results among similar projects:</p> <p>3.1.- <u>Communication</u>: Newsletter, podcasts,....</p> <p>3.2.- <u>Dissemination</u>: conference</p>

5. SYNERGIES WITH OPERATIONAL GROUPS

In this section of the first deliverable about synergies, the GOOD partners show two operational groups directly related to the GOOD project. Similar synergies to those previously described will be established with these operational groups.

Integrated weed management in rice (GO-CIMHA)	
Type of Project	Rural development program 2014-2022, sub-measure 16.1 “Support for the creation and functioning of operational groups of the AEI in the field of agricultural productivity and sustainability” (co-funding by the European Agricultural for Rural Development).
Leading Organization	Agricultural Cooperative of Palazuelo (Extremadura, Spain), CASAT Agricultural Association of Farmers (Extremadura, Spain), EXTREMEÑA DE ARROCES (Industrial Company)
Region(s)/Country(s)	Extremadura, Spain
Main Contact(s)	M ^a Dolores Osuna (CICYTEX)
Website	Not available
GOOD Partner Contacting	M ^a Dolores Osuna (CICYTEX)
Date of First Contact	June 2023
Short Description of the Project	The main objective of the operative group is to find appropriate and sustainable solutions in different rice-growing areas in Extremadura, to solve problems related to weed control in the most problematic weeds of rice, mainly against herbicide resistance. Specific objectives are (i) Evaluation in the long-term for the sustainability of the rice sector in Extremadura. (ii) Elaboration of resistance maps by zones, (iii) Development of new weed control strategies in the main rice-growing regions of Extremadura.
Short Description of the Synergy	<p>1.- Further elements for the scanning of promising Agroecological Weed Management (AWM) practices to be mapped within Task 1.2:</p> <p>Contextualize and provide the best options of AWM practices to the traditional rice farming systems.</p> <p>2.- Cross-project collaboration:</p> <p>Workshops and meetings to present GOOD results.</p> <p>3.- Join efforts on communication and dissemination of results among similar projects:</p> <p>3.1.- <u>Communication</u>: direct communication on the farm.</p> <p>3.2.- <u>Dissemination</u>: conference participation.</p>

Sustainable cheese production chain (PROCASU)

Type of Project	Rural development program 2014-2020, sub-measure 16.2 Sardinia region (Italy)
Leading Organization	NRC, CNR ISPAAM
Region(s)/Country(s)	Lead: IT European Partners: IIT
Main Contact(s)	Giovanni Antonio Re (CNR ISPAAM)
Website	Not available
GOOD Partner Contacting	Giovanni Antonio Re // Leonardo Sulas (CNR ISPAAM)
Date of First Contact	May 2023
Short Description of the Project	The general objective of the project is to create an innovative and exclusive dairy cheese production chain for extensive Mediterranean agro-pastoral farming systems, aiming at the definition of a management model that will affect the entire production chain and which will represent a replicable prototype. Specific objectives are (i) Innovation and cheese production diversification; (ii) Stimulate the development of innovative activities in the agro-livestock sector; (iii) Exploit available natural resources, native legumes, symbiotic nitrogen fixation, bioactive compounds, etc. With minimal recourse to external inputs; (iv) Contribute to the creation of additional income, the strengthening of the cooperative competitiveness and the optimization of the efficiency of human resources; (v) Train new professional roles with interdisciplinary skills.
Short Description of the Synergy	<p>1.- Further elements for the scanning of promising Agroecological Weed Management (AWM) practices to be mapped within Task 1.2:</p> <p>Contextualize and provide the best options for AWM practices to the traditional agropastoral farming systems.</p> <p>2.- Cross-project collaboration:</p> <p>Workshops and meetings to present the GOOD results</p> <p>3.- Join efforts on communication and dissemination of results among similar projects:</p> <p>3.1.- <u>Communication</u>: direct communication on the farm.</p> <p>3.2.- <u>Dissemination</u>: conference participation.</p>



AGROECOLOGY FOR WEEDS

6. SYNERGIES WITH RELEVANT NETWORKS

Contacts with several networks have been carried out at the National and International level such as those placed in Spain (ALIMENTTA and AGFE) but also the Global Research Alliance (GRA, an international institution with almost 70 countries) and the Global Alliance for Climate Smart Agriculture (GACSA, an international institution participated by more than 500 institutions from over 100 countries linked to the FAO). These networks are indeed very interested in AWM and GOOD results will be shown to them through newsletters, webinars, podcasts and other social media channels. Moreover, synergies with GRA and GACSA will foster collaborations and joint activities with European and non-European projects, networks and organizations, as well as key agri-food stakeholders not participating in GOOD, all of them serving as multipliers for higher outreach of the GOOD results.

Think Tank for the Food Transition (ALIMENTTA)

Type of Project	Scientific Association
Leading Organization	Scientific Association ALIMENTTA
Region(s)/Country(s)	Lead: SP REGIONAL Partners: UPO, U. Seville, IEO-CSIC, CEIGRAM-UPM, USC, UB, CICYTEX, U.Jaén, U. Granada.
Main Contact(s)	Gloria I. Guzmán. (Pablo de Olavide University. UPO)
Website	www.alimentta.com
GOOD Partner Contacting	María Ramos (CICYTEX)
Date of First Contact	January 2020
Short Description of the Project	<p>The overall objective of the ALIMENTTA Think Tank is to face the principal challenges of the Spanish food System (unhealthy diets, resources scarcity and environmental pollution, universal access to healthy food,..) through the generation of expert knowledge, using an interdisciplinary approach adapted to the Mediterranean systems.</p> <p>Alimentta is composed of a multidisciplinary research team with expertise in Human Health, climate change, Agroecological Systems, Sustainable phishing methods and Food Policy</p>
Short Description of the Synergy	<p>1.- Further elements for the scanning of promising Agroecological Weed Management (AWM) practices to be mapped within Task 1.2:</p> <p>Not available</p> <p>2.- Cross-project collaboration:</p> <p>Sharing approaches about Agroecological Living Labs setting, participatory methodologies and scaling up of agroecological food systems</p> <p>3.- Join efforts on communication and dissemination of results among similar projects:</p> <p>Communication: newsletters, Alimentta podcasts, webinars.</p>

Asociación Agroforestal Española (AGFE)

Type of Project	Scientific Association
Leading Organization	Asociación Agroforestal Española (AGFE)
Region(s)/Country(s)	Lead: SP
Main Contact(s)	Nuria Ferreiro-Domínguez (University of Santiago de Compostela)
Website	agfeagroforestry.eu
GOOD Partner Contacting	Nuria Ferreiro-Domínguez and María Rosa Mosquera-Losada (University of Santiago de Compostela)
Date of First Contact	June 2023
Short Description of the Project	<p>The Spanish Agroforestry Association (AGFE) was officially created in 2016, with four specific objectives: (i) to promote the adoption of agroforestry systems and practices in Spain; (ii) to work for the application of the CAP in an appropriate way to agroforestry systems; (iii) the creation of a place for researchers and other stakeholders, such as farmers, foresters and technicians; (iv) to participate in the activities of the European Agroforestry Federation. Currently, AGFE has more than 100 members, mostly from the academic scientific field.</p>
Short Description of the Synergy	<p>1.- Further elements for the scanning of promising Agroecological Weed Management (AWM) practices to be mapped within Task 1.2:</p> <p>Not available</p> <p>2.- Cross-project collaboration:</p> <p>Sharing approaches to agroecological weed management in integrated systems</p> <p>3.- Join efforts on communication and dissemination of results among similar projects:</p> <p>Communication: newsletters, podcasts, webinars.</p>

Global Research Alliance (GRA)

Type of Project	Climate Change Network
Leading Organization	Global Research Alliance (GRA)
Region(s)/Country(s)	World
Main Contact(s)	María Rosa Mosquera-Losada (University of Santiago de Compostela)
Website	https://globalresearchalliance.org/
GOOD Partner Contacting	María Rosa Mosquera-Losada (University of Santiago de Compostela)
Date of First Contact	June 2023
Short Description of the Project	The Global Research Alliance on Agricultural Greenhouse Gases is an initiative that is bringing together the world's best in agricultural greenhouse gas emissions research and mitigation systems and practices. Members of the GRA aim to deepen and broaden mitigation research efforts across the agricultural sub-sectors of paddy rice, cropping, and livestock, and to coordinate cross-cutting activities across these areas, including promoting synergies between adaptation and mitigation efforts.
Short Description of the Synergy	<p>1.- Further elements for the scanning of promising Agroecological Weed Management (AWM) practices to be mapped within Task 1.2:</p> <p>Not available</p> <p>2.- Cross-project collaboration:</p> <p>Sharing approaches to agroecological weed management in agricultural systems under a climate change context</p> <p>3.- Join efforts on communication and dissemination of results among similar projects:</p> <p>Communication: newsletters, podcasts, webinars.</p>

Global Alliance for Climate Smart Agriculture (GACSA)

Type of Project	Scientific Association
Leading Organization	Global Alliance for Climate Smart Agriculture (GACSA)
Region(s)/Country(s)	World
Main Contact(s)	María Rosa Mosquera-Losada (University of Santiago de Compostela)
Website	https://www.fao.org/gacsa/en/
GOOD Partner Contacting	María Rosa Mosquera-Losada (University of Santiago de Compostela)
Date of First Contact	June 2023
Short Description of the Project	<p>GACSA is an inclusive, voluntary and action-oriented multi-stakeholder platform on Climate-Smart Agriculture (CSA). The main aim of GACSA is to improve food security, nutrition and resilience in the face of climate change. GACSA also helps create transformational partnerships to encourage actions that reflect an integrated approach to the three pillars of CSA.</p> <p>Recognizing the importance of empowering farmers, GACSA facilitates dialogue, knowledge systems and partnerships through an open, diverse and inclusive multi-stakeholder platform, to catalyze actions on enhancing agriculture, forestry, livestock and fisheries practices and systems that sustainably increase productivity, improve resilience and adaptation and reduce/sequester emissions.</p>
Short Description of the Synergy	<p>1.- Further elements for the scanning of promising Agroecological Weed Management (AWM) practices to be mapped within Task 1.2:</p> <p>Not available</p> <p>2.- Cross-project collaboration:</p> <p>Sharing approaches to agroecological weed management in agricultural systems through a multi-stakeholder platform on Climate-Smart Agriculture.</p> <p>3.- Join efforts on communication and dissemination of results among similar projects:</p> <p>Communication: newsletters, podcasts, webinars.</p>

7. CONCLUSIONS

In this first deliverable about synergies (month two of the GOOD project), a total of **eleven European projects** (four coordination and support actions, three research and innovation actions and four projects funded under the frameworks of other European programs) were identified to establish connections. Moreover, **two operational groups** related to AWM were found which could be a good starting point to organise joint activities based on the GOOD results. **International networks** including GACSA (FAO) and GRA and **national networks** were also identified, which will be very useful to enlarge and make more visible the GOOD results.

The information collected in this deliverable shows that the GOOD project can establish synergies with other projects and networks identified from a **research** point of view but also through **communication and dissemination** activities. From a **research** point of view, common demo farm events or cross-visits can be organised in different countries around Europe and national partners can be invited to share experiences. Moreover, an exchange of stakeholder communities can be carried out at the national level to foster the adoption of GOOD solutions for AWM in regions of Europe not included in the GOOD project. Different **communication and dissemination activities** were also identified to establish synergies with other projects and networks such as (i) the publication of articles about the GOOD results in the newsletters of other projects and networks (ii) the organisation of common national events and virtual events, (iii) increase the GOOD visibility by showing the GOOD contact on the social networks of other projects and networks, (iv) include the GOOD data on the platforms of other projects and networks (e.g. GOOD data will be open on the EU FARM BOOK platform).