

D6.5 - 3rd Calendar of Events

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Technical References

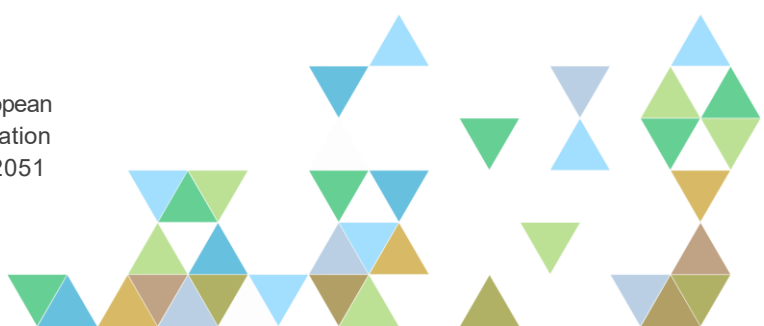
Project Acronym	SOILdarity
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Project Coordinator	FCIENCIAS.ID - ASSOCIACAO PARA A INVESTIGACAO E DESENVOLVIMENTO DE CIENCIAS (FC.ID)
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Summary

The deliverable consists of an updated calendar of events that SOILdarity project partners will – or intend to – attend or organise during the duration of the project. The deliverable also includes the events organised by the Consortium excluding the consortium meeting.

This document updates the deliverable D6.4 and lists events that took place in the first two years of SOILdarity and events that will happen in the months before the conclusion of the project. The lists included in the document will continuously be updated and more information will be found in the final report of the project.





Spelling Guidelines

Standardised British spelling should be used in the document. Generic terms are spelled in lower case, specific terms and proper names are spelled with initial capitals.

Disclaimer

This publication reflects the author's view only and the European Commission (EC) is not responsible for any use that may be made of the information it contains.

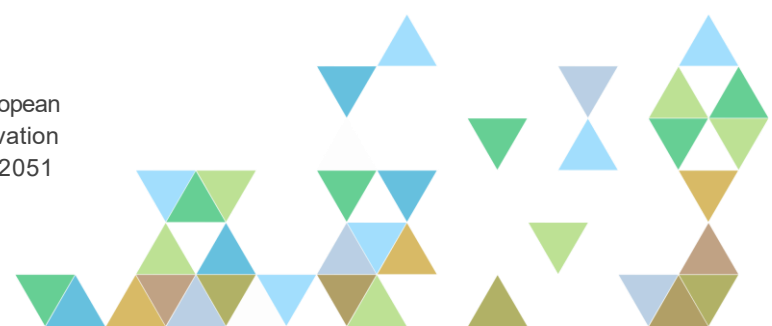


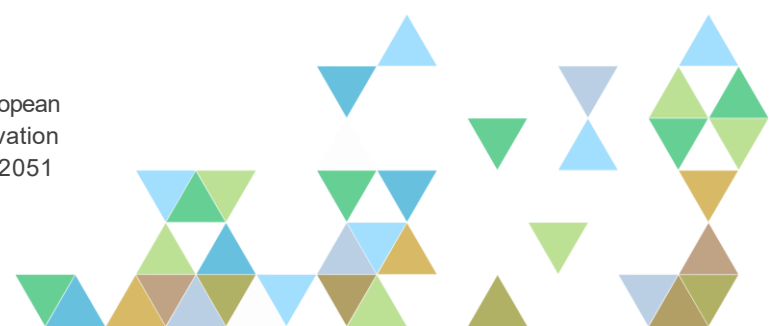


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1. Rationale

The document intends to provide an overview of the events that project partners plan to organise, organised and/or attended, and plan to attend during the project lifetime. The listed events cover topics related to the activities and focus of SOILDarity.

Events are listed in chronological order and are categorized in these two main categories:

- External events, which are divided into two subcategories:
 - Events SOILDarity partners will or intend to attend or organise outside project planning, mainly during the third year of the project;
 - Events SOILDarity partners attended or organised outside project planning, mainly during the first two years of the project.
- Internal events, which are divided into two subcategories:
 - Events organised by project partners within the project scope and planning, according to the DoA, that will take place during the entire course of the project;
 - Events organised by project partners within the project scope and planning, according to the DoA, that have been carried out in the first two years of the project.

As this deliverable is submitted in M25 of the project, some of the listed events have an informative scope, so that all partners and external stakeholders are informed of which events can be attended after M25. Therefore, some events details are missing.

The noted events will be regularly covered by the project communication activities, including the website (www.soildarity.eu) and social media (especially, Twitter and LinkedIn).



2. Calendar of listed external events

The subject of the events listed in Annex 1 are relevant to the scope of SOILdarity. The Table 1 in ANNEX 1 includes the calendar of listed external events the project partners plan or intend to attend. They are not organised within the project framework and will take place during the third year of its timeframe. The Table 2 in ANNEX 1 includes the events the project partners attended or organised outside project planning, during the first two years of the project. Table 1 will continuously be updated until the end of project based on input received from the partners.

3. Calendar of listed internal events

Table 3 in ANNEX 2 includes the events planned by the SOILdarity project consortium within the framework of the project. Table 4 in ANNEX 2 includes events organised by the project partners within the project scope in the first two years of the project.



4. Conclusions

The project consortium has developed a calendar of events with the objective of optimising the economic resources allocated by the European Commission. The Consortium will be active in many national and international events throughout the project. Project partners will contribute to keeping the calendar of events updated by regularly informing EUKNOW and the project Coordinator about their activities.



Annex 1. Calendar of Listed External Events (Last update 27/09/2022)

Table 1. List of external events project partners plan or intend to attend in the period M26-M36

Title	Date	Venue Link	Organiser	Topic Brief description
Beneficial plant microbe interactions - BeMiPlant	17-19 October 2022	Oeiras, Portugal	INIAV - Instituto Nacional de Investigação Agrária e Veterinária	Congregate people such as plant microbiologists, molecular microbiologists, plant physiologists, plant geneticists, agronomists, microbial taxonomists, ecologists. The participation of graduate and post-graduate students is welcome.
2nd EU Soil Observatory Stakeholder Forum	24 – 26 October	Virtual Format	Joint Research Centre, the EC's science and knowledge service	The EUSO second Stakeholders Forum is an opportunity for the EUSO to update and exchange with anyone with an interest in soils on various themes including: the latest developments in soil policy, the state of soil science, new and ongoing soil research projects as well as methods to assess soil health in the EU and beyond.
AgEng-LAND.TECHNIK 2022	22-23 November 2022	Berlin, Germany, Mercure Hotel MOA	VDI wissensforum & EurAgEng	The AgEng-LAND.TECHNIK 2022 conference, part of both the EurAgEng AgEng and the VDI LAND.TECHNIK conference series, brings together multidisciplinary competences and expertise to provide an arena to connect and drive forward the needed solutions to global challenges related with biodiversity, pesticides regulation, soil quality degradation, the impact of the COVID-19 pandemic and climate change.
7th International Conference on Social Science, Humanities and Education	16–18 December 2022	Oxford, United Kingdom	ICSHE	Alpine Ecosystem Response to Climate Warming: Long-Term Monitoring Data of Lakes and Streams Chemistries Revisited. ICSHE is a premier social sciences conference that brings together members of academia – scholars, researchers, graduate and post-graduate students, and scientists – from around the world for three days of immersive learning and networking.



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The Third Global Soil Biodiversity Conference	13-15 March 2023	Dublin, Ireland	Global Soil Biodiversity Initiative	Present and discuss recent advances addressing the urgency of meeting global challenges which link to human, animal and plant health and a more sustainable world. The conference will be the top meeting for all scientists, technologists, experimentalists and modellers, students and practitioners working on any aspects of soil biodiversity science and its linkages to the functioning of our global biosphere. The conference will provide the latest updates on soil biodiversity research and knowledge for scientists, policy makers, regulators, environmental agencies, conservationists, land user managers and other stakeholders in the sustainable use and conservation of soil biodiversity. www.globalsoilbiodiversity.org
International Conference on Biofertilizers and Biofertilizer Technology	16-17 February 2023	Barcelona, Spain	International Research Conference (IRC)	International Conference on Biofertilizers and Biofertilizer Technology aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results on all aspects of Biofertilizers and Biofertilizer Technology. It also provides a premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of Biofertilizers and Biofertilizer Technology.
14th European Conference on Precision Agriculture (ECPA2023)	2-6 July 2023	Via del Pilastro, 2 40127 Bologna, Italy	International Society of Precision Agriculture (ISPA)	The 14th European Conference on Precision Agriculture will showcase the results of ongoing research and applications in precision agriculture. Organised under the auspices of the International Society of Precision Agriculture (ISPA), by the Department of Agricultural and Food Sciences of the University of Bologna, the ECPA sessions will present Precision Agriculture from the viewpoint of scientists, crop consultants, advisors, extension personnel, agronomists, producers, and other practitioners.



Table 2. List of attended or organized external events

Title	Date	Venue Link	Organiser Attending project partner	Topic Brief description
Advanced course on Soil ecology and ecosystem services	25 – 29 January 2021 https://ce3c.ciencias.ulisboa.pt/training/ver.php?id=153	University of Lisbon	Organiser: FC.ID-CIÊNCIAS	The course is conceived to give an integrated view of the living component of soils, and its key role on ecosystem functions and processes. Therefore, the course will assess the link between soil biological diversity and ecosystem functions. Relying on different specialists on soil the course is made up of two interrelated strands of work: theoretical and laboratory classes, tuned according to the attendants' interests, aiming at the possibility to put in practice their own basic problem on soil ecosystem services.
"Symbioses: until dead takes us apart"	8-12 February 2021	PhD course (online) https://ce3c.ciencias.ulisboa.pt/training/ver.php?id=134	Organiser: FC.ID-CIÊNCIAS	This course promotes an approach in which different symbiotic systems are studied to highlight congruencies in symbiotic interactions. The integration and synthesis of existing knowledge on various symbiotic systems at genetic, biochemical, physiological, ecological and social levels can bring out models and tools for the research and exploitation of symbiosis concept in biotechnology, from agriculture to marine science, to global ecosystem functioning. (25 participants)
Workshop on "Soil Management of the Future"	11 March 2021	Virtual Event	Organiser: Zalf.de Attending project partner: EUKNOW https://www.zalf.de/en/aktuelles/Pages/PB3/Workshop-Bodenmanagement-der-Zukunft.aspx	In the online workshop "Soil Management of the Future", the team of the project "BonaRes" invited stakeholders from agriculture, research, business, politics and civil society to discuss and review these storylines within the pathways.
Will the European Common Agricultural Policy	16 March 2021	Virtual event:	Forum for the Future of Agriculture	The new Common Agricultural Policy (CAP) comes during a pandemic and with high expectations; greater



(CAP) deliver for society?		https://www.forumforagriculture.com/virtual_events/policy-tues-pm-1/	Attending project partner: EUKNOW & FC.ID-CIENCIAS	flexibility for Member States, integration with the Green Deal and Farm to Fork, and sustaining the European countryside. Can it deliver on such different expectations?
IOF Final Event “The future of Smart Farming is Here”	16-17-18 March 2021	Virtual Event https://www.iof2020.eu/final-event	H2020 founded project Internet of Food & Farm 2020 Attending project partner: EUKNOW	IoF2020 organized workshops addressing three main aspects of the project: state of the art technology, lessons learned during the project’s research and self-sustaining ecosystems of research and innovation.
First EJP SOIL Annual Science Days Event	29 March 2021	Virtual event https://projects.au.dk/annual-science-days-2021/	EJP SOIL Attending project partner: EUKNOW & FC.ID-CIENCIAS	The Annual EJP Soil Science Days facilitates exchange of scientific knowledge within the EJP SOIL consortium and strengthens scientific networks with peers in soil research. The Annual Science Days focus on presenting results and research from EJP SOIL projects and discussing scientific topics relevant to the consortium.
EIP-AGRI seminar 'Healthy soils for Europe: sustainable management through knowledge and practice'	13-14 April 2021	Virtual event https://ec.europa.eu/eip/agriculture/en/event/eip-agri-seminar-healthy-soils-europe-sustainable	EIP-AGRI Attending project partner: FC.ID-CIENCIAS	This interactive event is dedicated to exchanging practical solutions to soil health problems and discussing what needs to be done for farms to take them up. The overall aim of the seminar is to raise awareness and address practical soil management challenges and solutions to enhance soil health.



Cluster meeting “Sustainable Agriculture and natural resources”	20 May 2021	Virtual Event	European Research Executive Agency (REA), Unit C3 Widening Participation Attending project partner: FC.ID-CIENCIAS	An important goal of the meeting was to facilitate networking for (future) cooperation and exchange of knowledge and ideas.
Regional FFA 2021 Portugal	26 May 2021	Virtual Event Registration will open in early May - REGISTRATION OPEN	Forum for the Future of the Agriculture Attending project partner: EUKNOW	Throughout the year, the Forum for the Future of Agriculture organises regional conferences and online events to discuss agriculture and the environment at a national level across Europe.
1st Farming Biodiversity Summit	27 May 2021	Santarém (PT) and virtual event Register here https://ffa.6connex.eu/event/ffa/portugal/login	CAP & ELO Attending project partner: EUKNOW	Agriculture & biodiversity: challenges and opportunities to deploy systemic solutions <ul style="list-style-type: none"> • How the EU can contribute to support the global biodiversity goals • Biodiversity Strategy 2030 and the CAP: two strategies serving a single goal?
EurAgEng2021	4-8 July 2021	Évora, Portugal https://ageng2020.com/	University of Évora EurAgEng Attending project partner: UGENT	The AgEng2020 Conference will focus on New Challenges for Agricultural Engineering towards a Digital World. This event is an opportunity to bring together engineers, scientists, technicians, academics and industry people to exchange knowledge, ideas, to present innovations and to discuss the state of the art and future perspectives for



				agricultural engineering as a motor for the sustainable future of agriculture.
EEGS/WG-PSS/SEG symposium on Application of Proximal and Remote Sensing Technologies for Soil Investigations	16-19 August 2021 https://seg.org/Portals/0/OpenContent/Files/9507/FINAL_Applications_of_Proximal_and_Remote_Sensing_Technologies_for_Soil_Investigations_Virtual_Program_2 .pdf	Virtual Format	Society of Exploration Geophysicists Attending project partner: UGENT	This virtual symposium provides a unique opportunity that brings together scientists and engineers across a range of disciplines to explore the combined potential of proximal and remote sensing technologies as related to soil science applications.
ESA (European Sociological Association) Conference	31 August - 03 September of 2021	Zoom-online - Barcelona	ESA and University of Barcelona/	SOILdarity presented a communication, connecting policy, rural development and soil science. Ana Ventura took part, directly; Cristina Cruz participated in presentation preparatory schemes. Conference Group: Research Network 27
AGROGLOBAL 2021	7-9 September 2021	Virtual Format	AGROGLOBAL Attending project partner: FC.ID-CIÊNCIAS	The biggest national agricultural fair, with the presence of the entire sector. An environment for sharing knowledge aimed at agribusiness. CIÊNCIAS participated with its own stand.
FASTER (H2020 project) Final Event	20 October 2021	Virtual Format	FASTER consortium Attending project partners: FC.ID, EUKNOW	Cristina Cruz, SOILdarity project manager, presented SOILdarity during the final event of the project FASTER, a twinning project funded by the European Commission whose main objectives were: Strengthening the capacities and position of 3 Tunisian institutions, reaching excellence in research and consolidating international quality standards in project proposals
Global Symposium on Salt-affected Soils	20 - 22 Oct 2021	Virtual format	Global Soil Partnership	The main objectives of the Symposium were to share knowledge on salinity prevention, management, and



		http://www.fao.org/global-soil-partnership/resources/highlights/detail/en/c/1418189/	Attending project partner: EUKNOW	adaptation and to establish critical connections between science, practice, and policy by facilitating discussion among policy makers, food producers, scientists, and practitioners for sustainable management of salt-affected soils.
Webinar on “The role of spectroscopy in promoting precision agriculture solutions”	24 March 2022	Virtual format https://www.fao.org/global-soil-partnership/resources/events/detail/en/c/1470349/	FAO – Global Soil Partnership Speaker: Prof. Abdul Mouazen (UGent)	Proximal soil sensing, together with remote sensing technologies have shown to be valuable tools in precision agriculture. Other spectroscopy techniques, like visible and near infrared, is proven as the best candidate for in situ and on-line sensing modes, enabling large amount of data to be captured per unit area. When fused with crop and auxiliary data, recommendations for variable rate applications can be optimized for maximum crop yield and minimum environmental footprint. Even though advanced sensing, modelling and control technologies have been developed and are successfully demonstrated in arable farming, the adoption rate of precision agriculture technologies is still limited, because of scattered results on the socio-economic and environmental benefits. The webinar demonstrated how field spectroscopy plays a key role in achieving these targets with clear societal impacts.
European Geosciences Union (EGU) General Assembly 2022	23-27 May 2022	Austria Center Vienna (ACV) in Vienna hybrid event https://www.egu22.eu/	European Geosciences Union (EGU) Attending Project Partner: FC.ID	The EGU General Assembly 2022 brought together geoscientists from all over the world for one meeting covering all disciplines of the Earth, planetary, and space sciences. The EGU aimed to provide a forum where scientists, especially early career scientists, can present their work and discuss their ideas with experts in all fields of geoscience. SOILdarity's FC.ID's



				CE3CResearch organised a symposium at #EGU22 http://egu22.eu on #Nitrogen fluxes through the atmosphere-land system.
Colóquio Internacional Assimetrias territoriais: questões socioambientais e fatores de desigualdade	2 – 6 June 2022	Universidade de Évora	Centro Interdisciplinar de Ciências Sociais da Universidade de Évora (CICS.NOVA.Uévora)	Dissemination, sharing and scientific creation, expressing the strong connection of Portuguese sociology to the French-speaking world and calls for the participation of specialists in the humanities and social sciences, namely sociology and geography, to reflect on the great social, environmental and territories that influence our collective future.
EIP-AGRI brokerage event 'Get involved in the EU Mission: A Soil Deal for Europe'	8 - 9 June 2022	Brussels, Belgium	European Commission's Directorate-General for Agriculture and Rural Development (DG AGRI), and the Support Facility 'Innovation & Knowledge exchange EIP-AGRI' Attending project partners: EUKNOW, FC.ID	The main objective of the brokerage event was to support the Horizon Europe call for proposals under the EU Mission: A Soil Deal for Europe. Specific objectives included: - improving awareness on the EU Soil Mission and its work programme 2022 and the opportunities offered under its calls, - supporting future applicants in finding potential partners, and - sharing further information on the call and its topics, thus contributing to improving the quality of the proposals.
The rural pact conference	15 – 16 June	Brussels, Belgium	European Commission	The Rural Pact is a framework for cooperation among authorities and stakeholders at the European, national, regional and local level. It contributes to achieving the shared goals of the Communication outlining the long-term vision for the EU's rural areas.
77th Soil and Water Conservation Society International Annual Conference	30 July 2022 – 3 August 2022	Hilton Denver City Center Denver, Colorado, USA	Colorado Chapter of the Soil and Water Conservation Society	The influence of climate change on soil salinity and sodicity in a Mediterranean agro-ecosystem





			Attending project partner: MIGAL	
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Annex 2. Calendar of Listed Internal Events (Last Update 30/09/2022)

Table 3. List of planned internal events

Title	Date	Venue Link	Organiser	Topic Brief description
Webinar 'How to develop soil monitoring programs to support the agenda 20-30?'	January 2022	Virtual format	MIGAL, FC.ID - CIÊNCIAS	The webinar will focus on soil monitoring in Europe and the agenda 20-30; Mycorrhizal traits as indicators of soil multifunctionality Practical land management tools in agricultural and forest land as one of the key topics to empower sustainable land management; Natural Blues. The implementation of the course contributed to fulfilling task 4.2 'Development of webinars addressing ESRs on specific subjects'
Webinar on 'De-forestation as a way to improve soil quality'	February 2022	Virtual format	MIGAL, FC.ID - CIÊNCIAS	The webinar will focus on sustainability in (re)forestation regarding soil conservation and water availability, the soil management techniques to recover Mediterranean Forest, rewilding, Naturehood and Climate-proof city programmes. The implementation of the course contributed to fulfilling task 4.2 'Development of webinars addressing ESRs on specific subjects'
Specialised training course on "Soil ecology in dry ecosystems"	November 2022	Virtual format + University of Lisbon	MIGAL, FC.ID - CIÊNCIAS	This course has theoretical and practical activities with the aim is to make a trip that re-establishes the connectivity between human life and soil functionality. The course has two basic modules. The first module consists of 10 meetings, 2 hours each, that will be taught via remote mode (Zoom and alike). The second module of 3 meetings, 8 hours each will be conducted in the laboratory by remote instruction or in person. The implementation of the course will contribute to fulfilling task 2.1 of the project 'Specialized training on water management, plant-soil interactions, alternative fertilizers' – Course 'soil ecology in dry ecosystems'
Specialized training on sustainable business	March 2023	Hybrid format	MIGAL, FC.ID - CIÊNCIAS	Participants will be able to design an elementary Canvas business model, recognise business opportunities provided by their innovative achievements, get familiar with concepts like Business



modelling: bridging science to industry and market				models for sustainability, Circular business models; Social innovation; Strategizing and organizing for sustainability. Participants will learn elements of how to conduct cost/benefit analyses and will understand values of open business models and responsible research and innovation; and understand new technology transfer policies with the ethos of open science.
Specialised training Course on “Combining biofertilisers with precision agriculture technologies”	April-June 2023	Virtual format + University of Lisbon	UGENT, FC.ID - CIÊNCIAS	The course will focus on what is known about plant nutrition addressing its mineral, organic and symbiotic components with special attention to the plant core microbiota and microbiome. It will include lectures variable rate technologies. VRA is an aspect of precision agriculture that automates the application of farm inputs such as fertilizers, pesticides, manure and seeds according to the crop needs. The implementation of the course will contribute to fulfilling task 2.2 ‘Specialized training module on the use of sensor-based technology, biofertilisers and precision agriculture techniques’ – Course ‘combining biofertilizer application with precision agriculture technologies.
Final Workshop	June – August 2023	Brussels or in another location (if possible, in conjunction with a relevant International or European event concerning soil-related research subjects)	EUKNOW, FC.ID – CIÊNCIAS, UGENT, MIGAL	The aim of the event is to illustrate the results of the project, present its legacy and plans for further developments.

Table 4. List of organised internal events

Title	Date	Venue	Organiser	Topic Brief description
Workshop on “Women empowerment, gender	27th April 2021	Virtual format – Zoom platform	FC.ID - CIÊNCIAS	In the online workshop “Women empowerment, gender equality, responsible research & innovation”, the team of the project “SOILdarity” invited stakeholders



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equality, responsible research & innovation”				<p>from research, business, politics, civil society to discuss and review the key issues revolving women empowerment and gender equality in research, women in entrepreneurship, main obstacles to develop a successful professional career inside formal organizations, women in policy affairs, the institutional support to women empowerment in sciences and in science management. The event aimed to increase awareness about women opportunities/obstacles in the labour market and promote a debate about specific policies and programmes for women in research and innovation.</p> <p>The implementation of the course contributed to fulfilling task 3.1 of the project ‘Assessment of the cross-cutting needs and research excellence tools to improve skills in research management’.</p>
Specialised training course on ‘Optimisation of the use of treated waste waters as a source for alternative fertilisers’	19-30 July 2021	<p>Theoretical Module: Virtual Format;</p> <p>Practical module: Faculty of Sciences of the University of Lisbon</p>	MIGAL, FC.ID – CIÊNCIAS	<p>The course developed a thorough understanding of the sorption mechanisms of Pi and Po onto the Al/O-WTR and Fe/O-WTR.</p> <p>The implementation of the course contributed to fulfilling task 2.1 of the project ‘Specialized training on water management, plant-soil interactions, alternative fertilizers’ – Course ‘optimisation of the use of treated waste waters as a source for alternative fertilisers’.</p>
Workshop on ‘How soil science contributes to achieve the Sustainable Development Goals’	28 October 2021	Virtual Format	MIGAL, FC.ID – CIÊNCIAS, EUKNOW	<p>The workshop aimed to increase awareness about the importance of soil science, promote the use of soil knowledge in agriculture, coupled with innovative techniques, discuss the way how adapted soil management may contribute to SDGs, increase the debate about soil related policies. The implementation of the course contributed to fulfilling task 3.1 of the project ‘Assessment of the cross-cutting needs and research</p>



				excellence tools to improve skills in research management’.
Specialized virtual training on upgrading FC.ID or CIÊNCIAS’s staff’s administrative skill – Virtual training module 1: ‘Internal organisation, communication between departments or individual re-searchers - Overall approach to EU funding’	30 November 2021	Virtual Format	EUKNOW, FC.ID - CIÊNCIAS	The course was made up of a set of 3 virtual training seminars. The course was to consolidate the established knowledge in managing grants provided under H2020 which are still running and to share and spread insights on the novelties that Horizon Europe brought about. Specific topics of this module: “Horizon scanning”, i.e., the continuous process of information gathering based on monitoring of sources of funding; Flexible Research and Innovation Governance system within research organisations; Establishment of communication framework between research departments and in-dividual researchers; Destinations and pathways to impact under Horizon Europe; Data management plan, Ethics; Communication, dissemination and open science in Horizon Europe.
Specialized virtual training on upgrading FC.ID or CIÊNCIAS’s staff’s administrative skill – Virtual training module 2: ‘Administrative information required during the preparation phase of the proposal, Consortium Agreement and Grant Agreement preparation’	27 January 2022	Virtual format	EUKNOW, FC.ID – CIÊNCIAS	The course was to consolidate the established knowledge in managing grants provided under H2020 which are still running and to share and spread insights on the novelties that Horizon Europe brought about. Specific topics of this module: Introduction to Horizon Europe and to its structure; Grant Agreement contents; Budgeting principles; Ineligible costs; the participation of Third Parties in project activities; Intellectual property and the new discipline on Open Access. The implementation of the course contributed to fulfilling task 3.2 of the project ‘Specialized virtual training on upgrading FC.ID or CIÊNCIAS’s staff’s administrative skills’
Webinar ‘The impact of soil salinity on soil fertility’	9 March 2022	Virtual Format	MIGAL, FC.ID – CIÊNCIAS, EUKNOW	The purpose of the webinar on the impact of soil salinity on soil fertility was to summarize the knowledge gained in Israel, one of the countries most



				<p>affected by soil salinization due to decades of intensive farming coupled with water scarcity that required the use of treated wastewater as the main source for irrigation. SOILdarity assembled a group of four leading scientists, who have been working in this field in Israel.</p> <p>The implementation of the course contributed to fulfilling task 4.2 ‘Development of webinars addressing ESRs on specific subjects.’</p>
<p>Multi-module course on “How to develop international proposals for getting funds at EU level” – Module 1: Identification and selection of the most suitable funding opportunity</p>	17 March 2022	Virtual Format	EUKNOW, FC.ID – CIÊNCIAS	<p>The course was designed to strengthen the competencies of the coordinator and increasing its research capacities. As the research capacities of the researchers in modern high education institutions also rely on the ability to access to external resources and funds to pursue research activities and results, the programme of the course will provide practical knowledge on how to approach to EU funds for research and innovation. Module 1 focused on: The funding portal: the place where to look for funding and procurement schemes; Structure of Horizon Europe and work programmes; Call text analysis: verify that the call matches your research interests; Key information you need to extract, and key elements of a concept note; Practical part: draft a concept note addressing a specific call for proposal.</p> <p>The implementation of the course contributed to fulfilling task 3.1 of the project ‘Assessment of the cross-cutting needs and research excellence tools to improve skills in research management’.</p>
<p>Multi-module course on “How to develop international proposals for getting funds at</p>	24 March 2022	Virtual Format	EUKNOW, FC.ID – CIÊNCIAS	<p>The course was designed to strengthen the competencies of the coordinator and increasing its research capacities. As the research capacities of the researchers in modern high education institutions also rely on the</p>



<p>EU level” – Module 2: Consortium design and building</p>				<p>ability to access to external resources and funds to pursue research activities and results, the programme of the course will provide practical knowledge on how to approach to EU funds for research and innovation. Module 2 focused on: Which partner do you need to build up a strong consortium: elements of consortium design; Where to find the right partners: networking and partnership building; Database search, sources of information about funded projects; Practical part: Review of the concept note and identification of the most suitable partners.</p> <p>The implementation of the course contributed to fulfilling task 3.1 of the project ‘Assessment of the cross-cutting needs and research excellence tools to improve skills in research management’.</p>
<p>Multi-module course on “How to develop international proposals for getting funds at EU level” – Module 3: The template, practical tools and approaches to the writing proposal phase</p>	<p>31 March 2022</p>	<p>Virtual Format</p>	<p>EUKNOW, FC.ID – CIÊNCIAS</p>	<p>The course was designed to strengthen the competencies of the coordinator and increasing its research capacities. As the research capacities of the researchers in modern high education institutions also rely on the ability to access to external resources and funds to pursue research activities and results, the programme of the course will provide practical knowledge on how to approach to EU funds for research and innovation. Module 3 focused on: Preparation of a writing proposal plan, science-policy communication, strategic positioning, soft skills; Practical tools and approaches to the writing proposal phase; Part A of the proposal; Part B of the proposal; Business plan and exploitation routes; Practical part: Draft of the Work Plan and preliminary allocation of resources.</p> <p>The implementation of the course contributed to fulfilling task 3.1 of the project ‘Assessment of the</p>



				cross-cutting needs and research excellence tools to improve skills in research management’.
Multi-module course on “How to develop international proposals for getting funds at EU level” – Module 4: Budget, finalisation, evaluation and follow-up	14 April 2022	Virtual Format	EUKNOW, FC.ID – CIÊNCIAS	The course was designed to strengthen the competencies of the coordinator and increasing its research capacities. As the research capacities of the researchers in modern high education institutions also rely on the ability to access to external resources and funds to pursue research activities and results, the programme of the course will provide practical knowledge on how to approach to EU funds for research and innovation. Module 4 focused on: Drafting and finalization of the proposal; Elements of budget planning; The submission process; Evaluation; Follow-up and Grant Agreement; Practical part: Assess the feasibility of the work plan and evaluate potential steps forward. The implementation of the course contributed to fulfilling task 3.1 of the project ‘Assessment of the cross-cutting needs and research excellence tools to improve skills in research management’.
Multi-module course on “how to write scientific papers”	8 – 16 June 2022	Virtual Format	UGENT, FC.ID – CIÊNCIAS, MIGAL	The course focused on the preparation of figures and tables, elements of methodology of scientific research, elements of statistics, results and discussion, how to write clear conclusions and compelling introduction, how to write an effective abstract and title. The implementation of the course contributed to fulfilling task 3.1 of the project “Assessment of the cross-cutting needs and research excellence tools to improve skills in research management”, specifically the research excellence intensive training course on how to write scientific papers. The implementation of the course contributed to fulfilling task 3.1 of the project ‘Assessment of the cross-cutting needs and research excellence tools to improve skills in research management’.



<p>Specialized virtual training on upgrading FC.ID or CIÊNCIAS's staff's administrative skill – Virtual training module 3: 'Payments, administrative management of the project, reporting and reviews'</p>	<p>23 June 2022</p>	<p>Virtual format</p>	<p>EUKNOW, FC.ID – CIÊNCIAS</p>	<p>The course was to consolidate the established knowledge in managing grants provided under H2020 which are still running and to share and spread insights on the novelties that Horizon Europe brought about. Specific topics of this module: Pre-financing and Upfront Payment, Kick-Off, interim and final payments; Administrative management of the project, reporting and reviews: Payments; The principles of reporting; The reporting of personnel costs in Horizon 2020 and Horizon Europe (making the necessary comparisons with previous programming); Sub-contracting: critical issues and application solutions; The management of conflicts of interest within the framework program; The instruments of unit cost and lump sum. The implementation of the course contributed to fulfilling task 3.2 of the project 'Specialized virtual training on upgrading FC.ID or CIÊNCIAS's staff's administrative skills'</p>
<p>Specialised Training Course on "Proximal soil sensing technologies for soil fertility assessment"</p>	<p>9-20 May 2022</p>	<p>Faculty of Sciences of the University of Lisbon</p>	<p>UGENT, FC.ID - CIÊNCIAS, MIGAL</p>	<p>This was the second SOILdarity specialised training course, whose aim was to enhance the capacities of the researchers in applying proximal sensing technologies to assess soil fertility and increase the efficiency and profitability of agricultural production, while reducing negative environmental impacts. Proximal sensing technologies can help identify the exact quantification and application of fertilisers without compromising crop yields. The implementation of the course contributes to fulfil the task 2.2 of the project 'Specialized training module on the use of sensor-based technology, biofertilisers and precision agriculture techniques', specifically the module "Use of sensor-based technology to measure soil fertility parameters".</p>



Multi-module course on “How to develop international proposals for getting funds at EU level”	March-April 2022	Virtual Format	EUKNOW, FC.ID - CIÊNCIAS	The Project focuses on the preparation of a writing proposal plan, networking and partnership building, consortium design and building, practical tools and approaches to the writing proposal phase, business plan, elements of budget planning, drafting and finalisation, funding and procurement schemes, exploitation, dissemination, science-policy communication, strategic positioning, soft skills.
Summer School on “Precision Agriculture and Optimisation of Resources”	19-23 September 2022	Faculty of Sciences of the University of Lisbon	UGENT, FC.ID - CIÊNCIAS	Lectures related to precision agriculture covering the following topics: philosophy of precision agriculture: proximal soil sensing, proximal crop sensing, remote sensing, geostatistics, variable rate technologies, socio-economic and environmental benefits of precision agriculture. Theoretical lectures were supported by field demonstrations of the different sensing, modelling and control technologies.

