



REPORT

COMMUNICATION PLAN

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1. INTRODUCTION

The project LIFE SURFING is a demonstration project co-funded by the LIFE financial instrument of the European Union that tackles the environmental problem related to lindane contamination in Bailín (Sabiñánigo).

The main objective of the LIFE SURFING project is to demonstrate the field feasibility of a soil decontamination technique in soils containing residual Dense Non-Aqueous Phase Liquid (DNAPL) of a high pollutant mixture of multicomponent organic compounds. This technique will be developed in a demonstration project where well-known chemical oxidation techniques will be combined with the action of surfactants (SURFING test).

The detailed objectives of the project are:

- Objective OB-1: To demonstrate the applicability of the SURFING test for the removal and decontamination of DNAPL and the transferability of the already performed laboratory test to field.
- Objective OB-2: To reduce the risk for the health and the environment, generated by the persistent organic pollutants (POPs) existing at the site, by means of the removal of the residual DNAPL at the demonstration project area.
- Objective OB-3: To guarantee the reduction of the environmental risks and to analyse the full scale applicability of the technique from a technical, economic and environmental point of view, as well as to evaluate the reduction of the pollution for the health and the environment in case of a future full-scale implementation, considering the information gathered during the monitoring of the demonstration test.
- Objective OB-4: To disseminate the results of the project to stakeholders, as well as the raising of a general public awareness of to the problem of such type of contamination, paying special attention to the project surrounding area, affected by the contamination.
- Objective OB-5: To innovate the application of the surfactant-enhanced chemical oxidation technology in DNAPL contaminants.
- Objective OB-6: To analyse the replicability and transferability of the technique to other locations, by the definition of a strategy that allows multiplying the impact of the results obtained for their use in other locations.
- Objective OB-7: To create a network to share, interchange and transfer knowledge and experiences for projects related to sites affected by organochlorines, POPs, POP pesticides and other pesticides soil contamination.

The dissemination of these objectives and the results obtained during the project is a contractual obligation in every LIFE project. The promotion, the spreading and the sharing of knowledge with

the scientific community and with citizens in general, as well as the transparency and the education, are specific goals within the LIFE programme.

Apart from this requirement, the project has the objective of performing a quality communication. Good practices in communication are achieved by a well-planned communication strategy that considers:

- Key objectives in communication activities
- Audience (stakeholders)
- Main message of the project according to every audience
- Communication tools available

During the first months of the project, the project team has worked on the definition of the communication strategy. This strategy is defined by agreement of the project “Dissemination Committee” composed by a representative of each partner, and might be reviewed during the project implementation.

The current “LIFE SURFING Communication Plan” defines and develops the different elements of the communication strategy to be implemented during the project (January 2019- June 2022), being part of the project management system.

Every LIFE Project is divided in different actions. Activities focusing on the dissemination of the project are compiled systematically in action D “Public awareness and dissemination of results”.

According to this, the LIFE SURFING project actions are organised as follows:

- A. Preparatory actions
- B. Implementation actions
- C. Monitoring of the impact of the project actions
- D. Public awareness and dissemination of results
- E. Project management

1.1. Why a Communication Plan?

The reason of the elaboration of the LIFE SURFING Communication Plan is to guarantee a strategic planning and an effective management of the activities, providing communication and dissemination tools to all partners from the beginning of the project.

The necessity of communicating and disseminating the activities and results of the project is not only a basic requirement from the European Commission but a real interest of all project partners.

This approach is supported by the following motivations:

- From the European Commission point of view, the initial conceiving of the programs considers the need of developing projects that result in a high impact

and multiplier effects, that go far beyond the project temporal limits and the involved entities.

- An additional aim of the European Union is to get visibility of its investment, this is: to make European actions to public, to get close to citizens, to ensure transparency, to facilitate the access to the programs, and so on.
- From the partner's point of view, communication is relevant due to the following two reasons:
 - For internal purposes (internal communication), so that all partners are involved in the project and are aware of all benefits and responsibilities derived from it. This guarantees collaboration among partners, the efficient and effective development of the projects and facilitates learning.
 - For external purposes (external communication and dissemination), whose main objectives are to disseminate the activities carried out within the project and to get these activities closer to the stakeholders, and where required to enable transfer of results to them, as well as to enhance the project value, to help the systematisation of results, to identify its added value and to make the partners engagement visible, increasing its external impact, image and prestige.

Thus, communication and dissemination require for a definition of a strategy that responds to a variety of interests. Moreover, dissemination does not have to be considered as a unidirectional information flow from the project towards a specific audience but, quite the opposite, it should be considered as a continuous and participative process, even beyond the project completion.

Moreover, it must be based on a strategy that involves all partners, as well as the project's stakeholders, allowing the involvement of potential users from the beginning.

All partners must play an active role within the communication and dissemination strategy. This strategy has to be set up at a global level, as contamination derived from pesticides could happen everywhere. It is nonetheless true that this problem reaches a priority dimension in those countries whose territories are currently affected, countries where communication should be reinforced.

1.2. Dissemination Committee

A Dissemination Committee has been constituted at the beginning of the project. The Dissemination Committee is in charge of coordination, supervision and approval of every dissemination action of the project. It is composed by one representative of each project partner. Each project partner contributes to the project dissemination activities in the following way:

- The **Government of Aragon**, as coordinating beneficiary, is in charge of the general project management and coordination. As the regional public administration, it has a wide historical knowledge about the locations contaminated by lindane in the region. Its large experience in soil and water remediation and protection will be determinant to reach and to disseminate the objectives of the LIFE SURFING Project.
- The **Aragonese Company of Agri-environmental Management S.L.U (SARGA)** participates as associated beneficiary, contributing with its wide experience in developing LIFE projects. SARGA is responsible of some implementation and dissemination tasks, among them the SURFING Test implementation and monitoring. SARGA has also been responsible of the communication and dissemination in several European projects, and has organised a large number of events at local, national and international level.
- The **International HCH and Pesticides Association (IHPA)**, as associated beneficiary, contributes with more than 30 years of international experience in the mediation and resolution of problems related with POPs pesticides and other POPs. In the frame of the LIFE SURFING Project, the IHPA will be responsible for the project dissemination among the interested stakeholders and the assessment of the replicability and transferability of the project results. They will additionally participate in the preparation and implementation of the 14th International HCH&Pesticides forum that will be held in Zaragoza in 2021.
- The **Complutense University of Madrid (UCM)** main attributed tasks will be the elaboration of the SURFING Test experimental design and the participation in the SURFING Test final assessment. The UCM has many facilities to carry out the experiments at laboratory scale, as well as specific modelling software available.
- The **University of Stuttgart (USTUTT)** is a leading German research facility for contaminated land redevelopment and remediation technologies. The USTUTT will transfer the technology to other conditions such as different hydro-geologic situations and other types of contaminants. Medium and large scale experiments will be conducted under well controlled conditions using USTUTT available. As a research organisation, they are and have been involved in a large number of related projects. Thus, they have an important role in the networking with other projects, and in the enlargement of the group of interested stakeholders.

2. FORMAL REQUIREMENTS

All partners of a LIFE Project have to accomplish the requirements established in the Regulation (EU) No 1293/2013 of the European Parliament and of the Council of 11 December 2013 on the establishment of a Programme for the Environment and Climate Action (LIFE) and repealing Regulation (EC) No 614/2007.

The main LIFE Programme requirements related to the project dissemination are the following:

2.1. During the project:

- **LIFE logo**: The coordinating beneficiary and the associated beneficiaries shall make reference to the support given by the Union in all activities, documents and media produced in the framework of the project, using the LIFE logo provided by the Commission. They shall make the project and its results public, always mentioning the support received by the Union. The following is to be taken into account:
 - The LIFE logo may not be referred to as a certified quality label or eco-label. Its use shall be restricted to dissemination activities.
 - All durable goods acquired in the framework of the project shall bear the LIFE logo unless otherwise specified by the Commission.
- **Audio-visual materials**: the credits at the beginning and/or at the end of audio-visual materials shall include an explicit and readable mention to the LIFE financial support (e.g. “With the contribution of the LIFE financial instrument of the European Union”).
- **Website**: The coordinating beneficiary will create a project website or use an existing website for the dissemination of project activities, progress and results. The website address will be indicated in the reports. This website needs to be online within six months after the start of the project and should be regularly updated. The website must be kept online for five years after the project ends.
- **Notice boards**: the coordinating beneficiary and the associated beneficiaries will produce and maintain notice boards describing the project at strategic places accessible and visible to the public. The LIFE logo should always appear on them at all times.
- **Networking activities**: the project shall contain an obligatory set of measures for networking activities. These activities can include visits, meetings, exchange of information, and/or other networking activities with an appropriate number of other relevant LIFE projects (ongoing or completed).

It may also include similar exchanges with other non-LIFE projects and/or participation in information platforms related to the project objectives (including at international level where justified). These networking activities ensure an efficient transfer of know-how and experience in order to foster its replication and transfer.

The coordinating beneficiary and the associated beneficiaries are obliged to inform and invite the Commission about all open seminars and conferences organised within the project, at least three weeks in advance.

2.2. After the project

The following communication actions are required to be done to ensure the project impact after the project end date:

- **Layman's report:** a layman's report will be elaborated at the end of the project in order to inform about the project, its objectives its actions and its results to the general public. It will be published in print and electronic format, in English and Spanish languages. The maximum length will be 10 pages, and it will be addressed to a non-specialised audience. It will highlight the main results and conclusions. The layman's report will be included in the final report, and will be downloadable at the project's website.
- **Communication plan after the project (After LIFE Plan):** LIFE demonstration projects are required to produce a communication plan after the end of the project (in print and digital format). This plan should give a description on how the dissemination of the results of the project will continue once the project is finished, and it will detail the means to achieve it. The plan will include:
 - a summary of the project,
 - an assessment of the situation at the end of the project,
 - a definition of the After LIFE communication objectives, as well as the methodology to be developed,
 - an assessment on the funding needs and an identification of the funds sources,
 - as well as any other chapter or section to meet the LIFE Programme requirements on the After-LIFE Plans.

3. OBJECTIVES

According to the LIFE 2014-2020 Regulation (Regulation (EU) No 1293/2013 of the European Parliament and of the Council of 11 December 2013), the current LIFE programme has four objectives:

- Help to move towards a resource-efficient, low carbon and climate resilient economy, improve the quality of the environment and halt and reverse biodiversity loss;
- Improve the development, implementation and enforcement of EU environmental and climate policy and legislation, and act as a catalyst for, and promote, the mainstreaming of environmental and climate objectives into other policies and practices;
- Support better environmental and climate governance at all levels, including better involvement of civil society, NGOs and local actors;
- Support the implementation of the 7th environmental action plan.

The achievement of this objectives will be supported by the project and by the project communication. This communication will be done in two levels with different objectives:

Internal communication: it has to do with the communication among the project partners. The objective of the internal communication is:

- I-1: To keep the members informed about common actions and administrative, financial, monitoring and evaluation obligations.

External communication: it has to do with the communication to other entities and audiences, different from the project partners.

The main objective of the LIFE SURFING external communication is to publish the results and the experience acquired during the project to all stakeholders, and once the effectiveness of the technique has been proven, to promote and enable its implementation in places with problems related to residual DNAPL of multicomponent organic compounds.

The specific objectives of the dissemination and external communication activities are:

- E-1: To inform to the target audience about the LIFE SURFING project, what it consists of, its objectives, members and expected results.
- E-2: To disseminate the progress made and the results obtained during the project.
- E-3: To provide a documentary base and reference material for the future.
- E-4: To disseminate new knowledge, techniques or reference material for political decisions at the regional / national level.

4. TARGET AUDIENCE

Communication and dissemination activities of the LIFE SURFING project aim to transmit a number of messages and information to clearly identified different target groups. The project target groups are the following:

- **Internal target groups:** all LIFE SURFING partners.
- **External target groups:**
 - **Public Entities**, including municipal and supra municipal authorities (e.g. city councils, county councils), as well as environmental authorities, especially those working on environmental quality planning and management, especially at Former Lindane production plants (at least 40 locations in the EU, which are expected to have DNAPL problems, and other locations world-wide, also in EECCA countries - Eastern Europe, the Caucasus and Central Asia (half of obsolete pesticides in solid and liquid phase stored worldwide are located in these territories).
 - **Private Entities: the first item applies also** for this group that still own Former Lindane production plants.
 - **Organizations** with the capacity of promoting and financing projects that solve environmental problems (GEF(Global Environment Facility), UNDP, UNDP, FAO, UNIDO, USAID and World Bank).
 - **Scientific and technical community** in relation to environmental quality: universities, research centres, centres and technological platforms for the

promotion of entrepreneurial projects and innovation, for their role in the development of good practices and knowledge.

- **Participants of other starting and/or ongoing EU projects that are working on DNAPL and Lindane issues such as:** EU Lindanet, Intereg Europe, EU Life POPWAT, Pilot project to evaluate and address the presence of lindane and HCH in the EU (ENV.D.1/ETU/2019/0023), and national authorities involved in the updating of the UIP(Union's Implementation Plan for the Stockholm Convention on Persistent Organic Pollutants
- **NGOs related to the environment and the protection of nature**, for their role in the dissemination and support of initiatives that contribute to sustainable development, pollution prevention and control of natural resources.
- **General public:** Citizens in regions/countries already affected or potentially affected by problems arising from the use of obsolete pesticides and other organochlorine contaminants.
- **Media:** The media at the beneficiaries' countries.

5. MESSAGE

The messages given by the project must summarize its "essence". They will be simple and specific, they will constitute the basis for all dissemination activities, and they will be relevant to the target audiences. The messages will recall the project objectives and will highlight the added value and the benefits of the project.

In the first stage of the project, the main objective will be to make the LIFE SURFING project known. Therefore, the chosen message should answer the following questions:

- What is LIFE SURFING?
- Who is part of the project?
- What are its fundamental objectives?

To that aim, the following general messages are proposed:

- LIFE SURFING is a demonstration project co-financed by the European Union that addresses the environmental problem of soil contamination by Dense Non-Aqueous Phase Liquids (DNAPL).
- It will demonstrate the feasibility of a remediation technique in soils contaminated by dense non-aqueous phases (DNAPL) of multicomponent organic contaminants and POPs.
- This technique will combine the use of chemical oxidation techniques with the action of surfactants in the so-called "SURFING Test".
- The project is coordinated by the Government of Aragon, (Department of Agriculture, Livestock and Environment) and will have the technical support of SARGA, IHPA, UCM and USTUTT.

These are basic messages that will be adapted to the different target groups taking the following into account:

- **Message for the public administration:** the general message will highlight the compliance with environmental protection regulations.
- **Message for organizations with the capacity to finance:** the general message will highlight the magnitude of the problem in certain regions together with the need of support from the international organizations not only at a technical but also to a financial level.
- **Message for the scientific and technical community:** the general message will highlight the importance of conducting a deep technical and scientific analysis aimed at solving this problem.
- **Message for NGOs:** the general message will highlight the role of NGOs as defenders of the environment and the importance of cooperation with the rest of the actors.
- **Message for the general public:** the general message will highlight the idea that this project will contribute to guarantee the quality of water for human consumption and the protection of Health.
- **Message for the media:** it will be focused in avoiding sensationalism on such a sensitive topic. Communication with the media will require an individualized analysis of the messages that will be launched in every occasion. This work is direct responsibility of the Government of Aragon.

On the other hand, the website www.lifesurfing.eu and social networks (Twitter: @LIFESURFING_hch) will be the project's main communication tools, and will be included in all communication documents.

As the program progresses and technical outputs are produced, messages will be updated. Annual reviews of the Communication Plan will include an updated version of these messages.

6. STRATEGY AND ACTIVITIES

In order to specifically respond to the different target groups, the dissemination activities and dissemination materials will be grouped in two areas of action:

- a. Internal Communication
- b. External Communication

These two areas of action look for the coherent adaptation of the communication activities and tools to the different objectives and target groups, being the basis of the communication and dissemination strategy. The relationship between the objectives, target groups and activities/tools is, therefore, the following:

6.1. Internal Communication

The Internal Communication strategy aims to systematize and structure the information among those directly involved, in a way that guarantees the effective and transparent project management, in order to:

a) Exchange the administrative documentation / daily work:

The partners will enable the necessary channels to guarantee communication in a timely manner. Free file exchange tools (Dropbox, Google Drive or similar) will be used to ensure immediate accessibility to the daily work documentation. In addition, technology will be used to facilitate communication among all partners. The Government of Aragon and SARGA, will contact all partners as many times as necessary via email, telephone or free online conference tools such as Skype. All this will have the objective of establishing an adequate flow of information to guarantee full coordination among the partners.

b) Coordinate the communication tasks:

The coordination of the communication tasks falls on the Dissemination Committee.

6.2. External Communication and dissemination

The external strategy targets the project stakeholders and other general target groups.

The LIFE SURFING project has planned the use of some specific tools for the purposes of the external communication and dissemination. The proposed tools are low cost but require a significant workload. Nonetheless, their high flexibility makes the adaptation of the contents easy, which will allow for an effective communication of the project progress and its results to the different target groups. The mentioned proposed tools are the following:

- Journals and magazines
- Press releases
- Newsletters
- Leaflets
- Letters
- Video
- Posters
- Notice boards
- Social networks
- Website

These tools are considered to reach a wider audience in comparison to others and are expected to disseminate the project news and milestones mainly through the partner's local and regional media, but also to other European countries and regions.

Other tools that are not currently planned but could be also used during the project are the following:

- Manuals
- Radio
- Television
- Stickers
- Billboards
- Blogs

7. COMMUNICATION AND DISSEMINATION ACTIONS

The following Communication and Dissemination actions will be developed for the LIFE SURFING project:

7.1. Website

The website of the LIFE SURFING project will be a central element of the communication strategy. It will be not only used to provide general information of the project, but also as a tool for the dissemination of other materials, either downloadable or not, such as publications, brochures, documents or newsletters. It will disseminate the results of the project and will promote information about the problem in a clear, transparent and accessible way to all stakeholders, for awareness raising purposes.

The website will be created within the six months after the approval of the project, and released in October 2019, and will remain active for at least 5 years after the project end. The development of this task is described in Action D1.1.

7.2. Corporate identity

A specific logo, colour palette and font, as well as documents and templates for dissemination and communication (presentations, etc.) will be created for the LIFE SURFING project.

7.3. Notice boards

Notice boards will be prepared during the project development. They will include data on the objectives and the development of the project, the project budget and the partners involved. The content will be clear and instructional. It will describe the type of contamination and the proposed remediation solution in a schematic way. It will include the logos of the project, the partners, the LIFE program and the website address.

Informative Boards will be placed in strategic locations of the project so that they can reach a wide range of audiences such as: Bailín, Government of Aragon headquarters, the offices of

the Jacetania and Alto Gállego regions, as well as one in each partner's facilities. They will be placed at the relevant locations within 1 year from the project start date. The development of this task is described in Action D1.1 and D1.4.

7.4. Creation of informative material for the general public

The objective of this task is to develop the appropriate materials to inform the general public about the progress of the project and the solutions adopted. The content will be adapted according to the target group addressed, taking into account that the messages must be instructional and easy to understand. For example, at the local level, population within the area of action (neighbours, local industries, associations, etc.) must have a general knowledge of the project and the environmental problem. In this specific case, simple explanations and general information will be used.

Tasks to be carried out will include the elaboration of:

- General informative material: brochures, posters, etc., which will be distributed in every dissemination activity (round tables, talks, open days, etc.). In addition, the informative materials will be sent to already existing dissemination centres in Zaragoza, such as the Urban Environment Classroom of Zaragoza, created for citizen awareness of the risks of poor waste management as well as for the dissemination of the importance of environment preservation.
- e-Newsletter: it will disseminate information related to POPs and other contaminants included in the Stockholm Convention, in an effective and low cost manner. Two e-Newsletters will be sent per year, one of them will cover news about remediation technologies in sites contaminated by POPs and the other one will contain more specific information about the site, focusing on the progress made within the project. This task is detailed in Action D1.1 and D 2.3

7.5. Publications

The dissemination materials destined to scientific target groups will include information of higher technical level that will allow them to get a deeper knowledge of the assumptions, limitations and technical approach of the project.

Dissemination materials used for these purposes will be the following:

- Articles.: 2 short articles - between 500 and 1000 words- with the option of being translated to allow dissemination in most national publications. Target audience: technical and advisory field.
- Scientific articles: at least two scientific articles will be delivered to the main international journals. Target audience: specialist scientists and technicians in decontamination techniques (Action D.2.3).

7.6. Informative activities

The knowledge and involvement of the partners in the project will be promoted by organising informative activities for the stakeholders, such as seminars and open-days. The objective of the informative activities is to make stakeholders understand the idea that, considering that the problem affects to all the agents in the territory, their common knowledge and active participation is decisive for the successfully completion of the project. Seminars and open-days are included in Action D.1.4. The following are planned

- Seminars: 4 seminars will be held during the project, dedicated to the project stakeholders (public entities, CHE, General Directorate of Health, General Directorate of Industry, NGOs, City Halls, citizen organisations, etc.). They will be informed of the progress, limitations and results obtained during the development of the project.
- Open days with guided tours: 4 small group visits (10-30 people) will be organised by the coordinating beneficiary during the development of the project. Target groups will be technicians, experts, public authorities, local residents and students. The aim of the open days will be to show visitants the location of the SURFING field test, as well as the different activities that are being carried out for the site's remediation.

7.7. Social networks

Considering the great influence and power that social networks have nowadays to disseminate information, a Twitter profile and YouTube channel will be created.

The development of this task is included in Action D1.4 of the project.

7.8. Awareness raising actions

The Dissemination Committee will coordinate the partners' awareness raising activities. These activities will have the objective of raising awareness among the general public regarding the problems associated with the uncontrolled deposit of hazardous toxic waste.

An interactive video about the HCH and DNAPL problem in Aragon and in Europe will be elaborated within this action. The video will explain the problem of the site and other sites with similar problems, as well as the actions that need to be taken in the future for the complete remediation of these locations. This video will be promoted at a national and an international level.

This task is included in Action D1.5 of the project.

7.9. Participation and organization of networking and information related platforms

In order to give visibility to the actions carried out in the project, the Dissemination Committee will coordinate the participation in existing networking platforms and the organisation of other networking activities. Networking activities will include:

- The attendance and participation in existing information networks (Network of Environmental Authorities, ENCORE, EIONET). Participation will be active and will include the presentation of the project progress to the different attendees.
- The organization and participation in forums related to the problem of contamination by HCH, POPs, among them:
 - Organization of the 14th HCH and Pesticides Forum in Spain with IHPA experience (organizer of previous editions). This forum will last 3 days and will involve experts, private companies, institutions and public administrations, politicians, NGOs and academic institutions interested in the management of POPs. The theme of the forum will focus on the issue of Bailín and other sites affected by HCH in Europe. For this, attendees will receive first-hand information about Bailín's problem and visit the facilities.
 - Organisation of events related to HCH and other POPs and participation in related events organised by other entities, covering the following aspects:
 - Discussion on national and regional strategies, plans and financial resources to eliminate POPs.
 - Dissemination of satisfactory experiences and national initiatives. Participation of NGOs and academic institutions.
 - Exchange and review of technologies and experiences for inventories, risk measurement, environmental impact, management, storage and destruction of POPs and contaminated soils.
 - Raise awareness about POPs at local, regional and global levels.

This task is included in Action D3 of the project.

8. TIMESCHEDULE

Year 2019

D.	Public awareness and dissemination of results (obligatory)	Responsible	m1	m2	m3	m4	m5	m6	m7		m8	m9	m10	m11		m12
D.1	COMMUNICATION, DISSEMINATION AND RAISE AWARENESS ACTIONS	DGA								Social media networks availability	Communication plan				Notice Board	Website fully available
D1.1	Communication and Dissemination Pack	DGA/ ALL		Subcontracting Web, logo and design	Social Media											
D1.2	Layman's report	DGA /ALL														
D1.3	Open and Closing Sessions	DGA/ ALL					Opening session (10/4/19)									
D1.4	Informative Materials, Seminars and Visits	SARGA/ DGA												Seminar / visit 1		
D1.5	Interactive video	IHPA/ SARGA														
D.2	PARTICIPATION AND ORGANIZATION OF NETWORKING AND INFORMATION PLATFORMS RELATED TO THE PROJECT OBJECTIVES	IHPA														
D.2.1	LIFE networking exchange group	IHPA/ UCM														
D.2.2	Networking and transferability to other technical stakeholders.	IHPA/ UCM														
D.2.3	Newsletter and Specialized publications	UCM/ USTUTT											1 st newsletter			
D.2.4	INTERVENTION IN A INTERNATIONAL EVENT (Brussels)	IHPA/ DGA/ SARGA														
D.3	14TH HCH & PESTICIDES FORUM	IHPA/ SARGA														

Year 2020

D.	Public awareness and dissemination of results (obligatory)	Responsible	m1	m2	m3	m4	m5	m6	m7	M8	M9	m10	m11	M12
D.1	COMMUNICATION, DISSEMINATION AND RAISE AWARENESS ACTIONS	DGA							Leaflets(500) Posters(20)					
D1.1	Communication and Dissemination Pack	DGA/ALL												
D1.2	Layman's report	DGA/ALL												
D1.3	Open and Closing Sessions	DGA/ALL												
D1.4	Informative Materials, Seminars and Visits	SARGA/ DGA							Seminar/ Visit 2					
D1.5	Interactive video	IHPA/ SARGA												
D.2	PARTICIPATION AND ORGANIZATION OF NETWORKING AND INFORMATION PLATFORMS RELATED TO THE PROJECT OBJECTIVES	IHPA												Attendance (3 people) at 14th HCH and pesticides Forum in the stated date
D.2.1	LIFE networking exchange group	IHPA/ UCM												
D.2.2	Networking and transferability to other technical stakeholders.	IHPA/ UCM												
D.2.3	Newsletter and Specialized publications	UCM/ USTUTT									2 nd Newsletter	1 scientific + 1 article		
D.2.4	INTERVENTION IN A INTERNATIONAL EVENT (Brussels)	IHPA/ DGA/ SARGA												
D.3	14TH HCH & PESTICIDES FORUM	IHPA/ SARGA												

Year 2021

D.	Public awareness and dissemination of results (obligatory)	Responsible	m1	m2	m3	m4	m5	m6	m7	M8	M9	m10	m11	M12
D.1	COMMUNICATION, DISSEMINATION AND RAISE AWARENESS ACTIONS	DGA												
D1.1	Communication and Dissemination Pack	DGA/ALL												
D1.2	Layman's report	DGA/ALL												
D1.3	Open and Closing Sessions	DGA/ALL												
D1.4	Informative Materials, Seminars and Visits	SARGA/ DGA											Seminar / Visit 3	
D1.5	Interactive video	IHPA/ SARGA												
D.2	PARTICIPATION AND ORGANIZATION OF NETWORKING AND INFORMATION PLATFORMS RELATED TO THE PROJECT OBJECTIVES	IHPA												
D.2.1	LIFE networking exchange group	IHPA /UCM												
D.2.2	Networking and transferability to other technical stakeholders.	IHPA /UCM												
D.2.3	Newsletter and Specialized publications	UCM/ USTUTT										3er Newsletter	1 scientific + 1 article	
D.2.4	INTERVENTION IN A INTERNATIONAL EVENT (Brussels)	IHPA/ DGA/ SARGA												
D.3	14TH HCH & PESTICIDES FORUM	IHPA/ SARGA											Celebration of the 15th HCH and Pesticides Forum in Zaragoza (Spain)	

Year 2022

D.	Public awareness and dissemination of results (obligatory)	Responsible	m1	m2	m3	m4	m5	m6

D.1	COMMUNICATION, DISSEMINATION AND RAISE AWARENESS ACTIONS	DGA			Video/App				Layman Report
D1.1	Communication and Dissemination Pack	DGA/ALL							
D1.2	Layman's report	DGA/ALL							
D1.3	Open and Closing Sessions	DGA/ALL							Closing session
D1.4	Informative Materials, Seminars and Visits	SARGA/ DGA							Seminar/ Visit 4
D1.5	Interactive video	IHPA/ SARGA							
D.2	PARTICIPATION AND ORGANIZATION OF NETWORKING AND INFORMATION PLATFORMS RELATED TO THE PROJECT OBJECTIVES	IHPA			4 Open-days to be organized during the project development. One per year with 4 seminars/talks organized previous to the open day and their associated documents.	1 Memorandum with the most outstanding aspects reached by the experts group to be delivered during the last semester of the project.	4 Newsletters, 2 Articles in specialised journals and 2 scientific articles		
D.2.1	LIFE networking exchange group	IHPA/ UCM							
D.2.2	Networking and transferability to other technical stakeholders.	IHPA/ UCM							
D.2.3	Newsletter and Specialized publications	UCM/JS TUTT							
D.2.4	INTERVENTION IN A INTERNATIONAL EVENT (Brussels)	IHPA/DG A/SARG A					4 th Newsletter		
D.3	14TH HCH & PESTICIDES FORUM	IHPA/SA RGA							FORUM BOOK

9. BUDGET

Project Action	PARTNER	Personnel	Travel	External assistance	Consumables	Others	TOTAL
D.1	DGA	14.860 €		1.200 €	8.001 €		24.061 €
D.1	IHPA	13.500 €	2.400 €				15.900 €
D.1	SARGA	26.200 €		24.000 €	5.000 €		55.200 €
D.1	UCM	6.375 €	600 €		1.000 €		7.975 €
D.1	USTUTT	8.056 €	2.400 €		1.000 €		11.456 €
D.1	TOTAL	68.991 €	5.400 €	25.200 €	15.001 €		114.592 €
D.2	DGA	4.600 €	4.800 €		3.000 €		12.400 €
D.2	IHPA	6.000 €					6.000 €
D.2	SARGA	3.480 €	3.600 €		5.000 €		12.080 €
D.2	UCM	5.710 €	2.400 €		2.000 €		10.110 €
D.2	USTUTT	9.980 €	800 €		2.000 €		12.780 €
D.2	TOTAL	29.770 €	11.600 €	0 €	12.000 €		53.370 €
D.3	DGA	8.180 €					
D.3	IHPA	39.000 €	1.500 €		2.000 €		
D.3	SARGA	12.700 €	16.000 €	54.000 €	16.000 €		
D.3	UCM	3.800 €	1.000 €				
D.3	USTUTT	8.868 €	3.000 €				
D.3	TOTAL	72.548 €	21.500 €	54.000 €	18.000 €	0 €	166.048 €
TOTAL BUDGET		171.309 €	38.500 €	79.200 €	45.001 €	0 €	334.010 €

Table 1 - Budget for communication tasks

10. COMMUNICATION PERFORMANCE INDICATORS

PERFORMANCE INDICATORS	Indicator	Objective
	Notice boards	2
	Website visits per month	100
	Number of social networks	1
	Number of posters printed	20
	Number of Newsletter published	4
	Number of articles published in specialised journals	2
	Number of scientific articles	2
	Number of leaflets printed	500
	Number of international meetings about HCH and pesticides organised in Aragon	1
	Number of forums or international meetings where the project has been promoted	4
	Number of press realises distributed	10
	Number of press conferences	1
	Number of layman's reports	1
	Number of guides translated to Spanish	1
	Number of newsletter's disseminated	2100
	Number of copies of layman's report distributed	2000
	Links to other websites	10
	Number of attendees to project's events	1200
	Number of seminars prior to visits	4
Number of organised visits to small groups (technical profile)	4	

Table 2 - Performance indicators