

SHIELDING FOOD SAFETY AND SECURITY BY ENABLING THE FORESIGHT OF FUNGAL SPOILAGE AND MYCOTOXINS THREATS IN THE MEDITERRANEAN REGION UNDER CLIMATE CHANGE CONDITIONS

D6.1 - Project Leaflet, Poster, and Website

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DELIVERABLE TITLE	Project Leaflet, Poster and Website
RESPONSIBLE AUTHOR	Maria Metafa (ELGO-ITAP)







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ACRONYMS LIST

DEC	Dissemination, Exploitation, Communication
HE	Horizon Europe (EU Framework Programme for Research and Innovation)
EC	European Commission
ITAP	Institute of Technology of Agricultural Producs
ELGO	Ellinikos Georgikos Organismos (Hellenic Agricultural Organisation)
М	Month
QMEA	Quantitative Mycological Exposure Assessment
URL	Uniform Resource Locators
IAFP	International Association on Food Protection





EXECUTIVE SUMMARY

The present derivable describes the actions that, at the time of writing this report, have been made for the Dissemination, Exploitation and Communication (DEC) of the project. It comprises the following:

- The development, operation and updating of the FunShield4Med website,
- The production and distribution of promotional material, such as the project leaflet,
- The production and presentation of the project's poster,
- A power point presentation providing an overview of the project.

This report documents the creation of these tools which ensure that the project's aim and progress are visible to the scientific community and to the public.





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1. Introduction

FunShield4Med is an EU-funded project that focuses on food safety against mycotoxigenic spoilage fungi and mycotoxins under climate change challenges. According to the HE Twinning call expected outcomes, one of the main objectives of the project is to raise public and scientific awareness on mycotoxin risks.

To respond to this demand, the creation of an effective, easily accessible, and informative website is essential. The FunShield4Med website was designed and started to operate at M4 of the project, providing to both public and expert target groups continuously not only the aim and the progress of the implementation of the project, up to the present, but also news and events (e.g., forthcoming workshops, seminars, meetings, etc.), training videos, newsletters links.

The website will be kept active for at least a further 5 years after the project has ended. Google Analytics will be used to collect statistics on the number of pages visited, number of deliverables downloaded, country of the visitors, etc. This data will be periodically reviewed by consortium partners and the website will be upgraded accordingly. Additionally, a repository platform will be created through the project website which will allow users to share Quantitative Mycological Exposure Assessment (QMEA) models implemented in several languages (e.g., R, Python), while adequate implementation will allow them to run on different platforms.

Additionally, and in accordance with the other scheduled DEC activities, a project's leaflet, a poster, and a power point presentation were produced, distributed, and presented in scientific events to provide an overview of the project.

2. FunShield4Med Web Site

The FunShield4Med website can be accessed at URL: https://funshield4med.eu. It will communicate the project's aim and objectives to the scientific community, stakeholders and concerned public. In addition, it will provide constant updates about the progress of the project's implementation, new achievements, scientific news about mycotoxins, and information about forthcoming events.



Figure 1. Website's banner with funding acknowledgments





2.1 The "Home" page

The Home page briefly introduce the project.



Figure 2. Home page





2.2 The About Us section

The About Us section provides information about the FunShield4Med consortium, links to the websites of each participating organization, and the research interests of each team member.

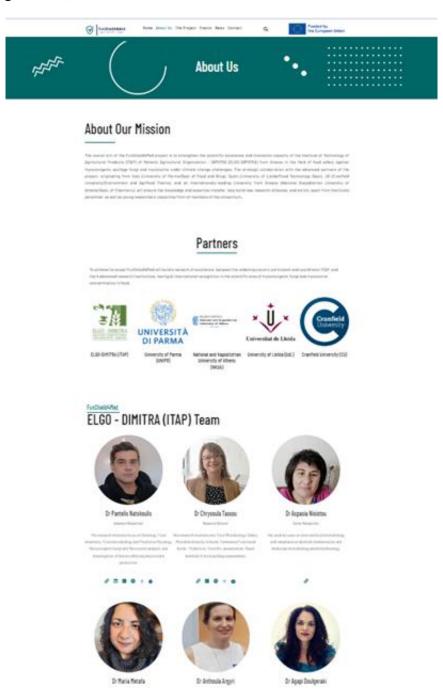


Figure 3. A part of "About Us" page





2.3 The "Project" section

The Project FunShield4Med page presents an overview of the project's ambitions and objectives. More detailed information is provided through the following submenus:

- Aim and Objectives: This section describes the aim and objectives of the project,
- Work Packages: This section describes the six work packages of the project,
- Deliverables: In this section are presented the specific deliverables of the project,
- <u>Joint Research Project</u>: This section describes the goals of the complementary to FunShield4Med joint research project,
- <u>Mycotoxins Mediterranean Training Hub</u>: This section describes an outcome of FunShield4Med project which is the development of a Mycotoxins Mediterranean Training Hub (MyMedHub).



Figure 4. The "Project" page





2.4 The "Events" section

The Project FunShield4Med page presents all events (e.g., conferences, workshops, seminars, summer schools, etc.) organized in the context of the project.

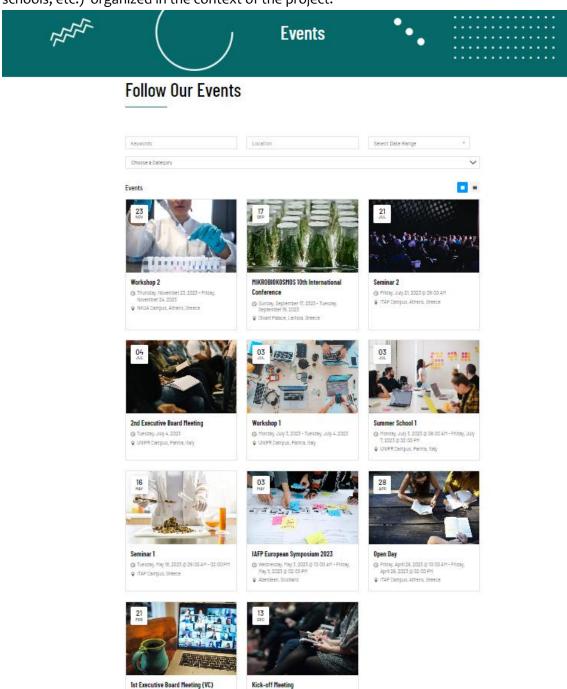


Figure 5. The "Events" page

@ Tuesday, February 21, 2023 @ 10:00 AM - 01:00 @ Tuesday, December 13, 2022 @ 10:00 AM -





2.5 The "News" section

The Project FunShield4Med page presents scientific news and articles related to mycotoxins.

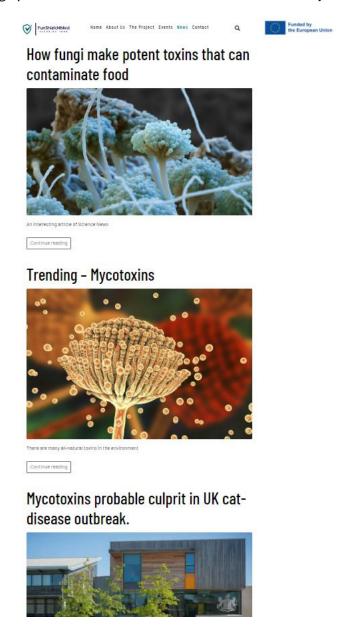


Figure6. The "News" page

2.6 The "Contact" page

This page contains contact information, social media links, a contact form for inquiries about the FunShield4Med project and a newsletter submission form.





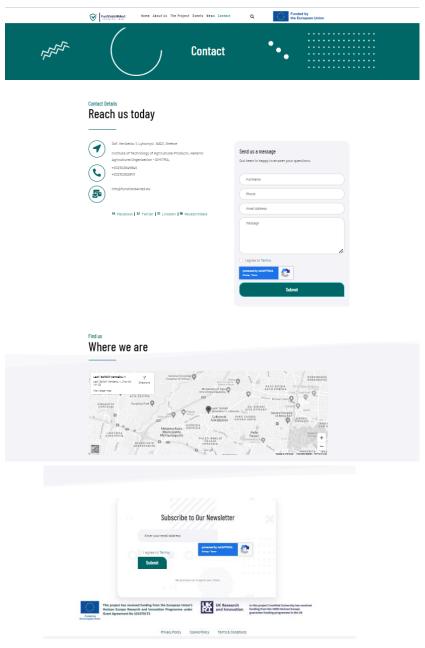


Figure 7. The "Contact" page





3. Production and Distribution of Promotional Material

3.1 The Project's Leaflet

A high-quality project leaflet was produced at the start of the project and was distributed at various events, such as an international conference (IAFP'S European Symposium on Food Safety Aberdeen, Scotland 3-5 May 2023), project's Seminar 1 (ITAP Campus, 16 May 2023) and Open day 1 (ITAP Campus, 28 April 2023). The leaflet aims to inform scientific and public audiences about the project's objectives, its implementation, and the expected results.

UPCOMING EVENTS



Seminar '

O Tuesday, May 16, 2023 09:00 AM - 02:00 PM

♀ ITAP Campus, Greece

The lectures will focus on the identification of several forms of mycotoxins with a focus on common National Products of the Mediterranean (CR, IT, ES).



Workshop 1

O Monday, July 3, 2023 - Tuesday, July 4, 2023

UNIPR Campus, Parma, Italy

Analytical and computational methods: State-of-the-art analysis of mycotoxins (and/or modified, multi-detection, emerging toxins), use of chemometric and multivariate pattern recognition techniques on large data sets for classification, feature selection, prediction, and data curation.

About The Project

FunShield4Med has been structured to bridge the gap between Oreece and advanced EU member states in securing EU consumers from mycotoxin contaminated imported goods. This assumption is based mainly on the fact that most mycotoxin related notifications for EU imports come from northern Member States while concerning products that originate from Middle and Far East countries and Africa.

Project Objectives



1.RESEARCH

To level-up research and scientific cooperation of participants under EU funded projects

2. KNOWLEDGE

Increase knowledge, expertise, and skills of ELGO-ITAP research staff in the field of spoilage mycotoxigenic fungi and mycotoxins prevalence



3. PUBLIC AWARENESS

Raise public and scientific awareness by providing effective dissemination and exploitation of project's outcomes through scientific events

Mycotoxins & Climate change

Contamination of food with mycotoxins is a huge global challenge which cannot be faced with a universal solution.

Awareness, proper analytical tools, and special measures are needed from all sides of the food supply chain in order to achieve a considerable control of this hazard.

In addition, the rising of global temperatures (especially in the Mediterranean area), extreme weather phenomena, increase of atmospheric carbon dioxide, and unusual rainfall variations, are all factors promoting growth opportunities of toxigenic fungi, and thus create an extra awareness to the scientific community and a big challenge for agri-food stakeholders.

ELGO-ITAP has the scientific background to

ELGO-ITAP has the scientific background to contribute to a higher level of mycotoxin control in Mediterranean, and with the proposed knowledge transfer and scientific expertise provision from the advanced partners of FunShield4Med, it can further help to safeguard EU's imports from countries with a long history in contaminated agricultural commodities.

THE CONSORTIUM











Figure 8. The FunShield4Med leaflet (front)







Figure 9. The FunShield4Med leaflet (cover)

3.2 The Project's poster

A high-quality banner was produced at the start of the project (December 2022) and presented in various events such as the project's Kickoff meeting (December 2022), the Seminar 1 (ITAP Campus, 16 May 2023) and the Open day 1 (ITAP Campus, 28 April 2023). The banner aims to inform the audience about the project. In addition, for the participation of FunShield4Med to IAFP European Symposium 2023 at Aberdeen, Scotland, a poster was prepared and presented highlighting the aim and objectives of the project.





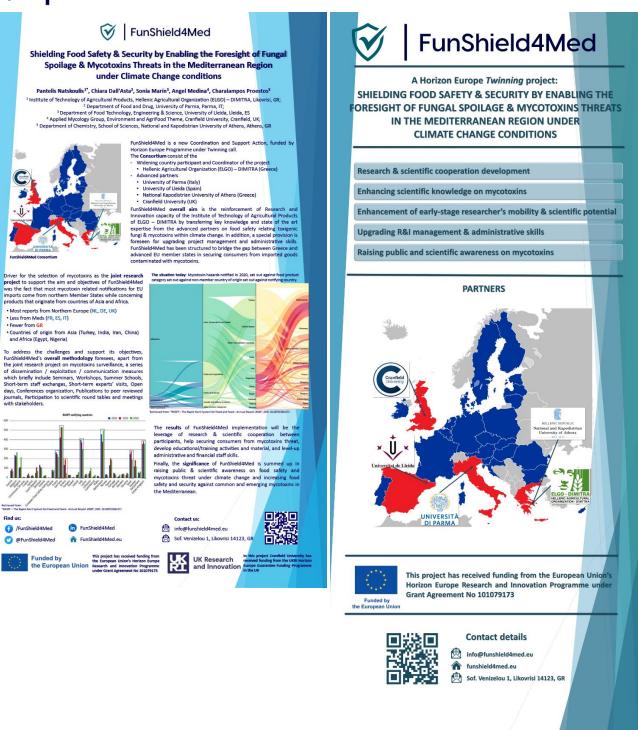


Figure 10. The FunShield4Med poster

Figure 11. The FunShield4Med banner





3.3 FunShield4Med power point presentation

A power point presentation was created to provide to the audience an overview of the project's aims and main objectives. It was presented in various events as the Kickoff meeting (December 2022), Seminar 1 (ITAP Campus, 16 May 2023) and Open day 1 (ITAP Campus, 28 April 2023).



Figure 12. FunShield4Med power point presentation







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