



F.2	Publication of Project Results
MEFISTO	Mediterranean Forest Fire Fighting Training Standardization

Partners:



UNIVERSITÀ
DEGLI STUDI
FIRENZE



REGIONE
TOSCANA

www.mefistoforestfires.eu
info@mefistoforestfires.eu

MEFISTO Deliverable F.2

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UNIVERSITÀ
DEGLI STUDI
FIRENZE
DAGRI
DIPARTIMENTO DI SCIENZE
E TECNOLOGIE AGRARIE
ALIMENTARI, AMBIENTALI E FORESTALI

CO

**Università degli Studi di Firenze - Dipartimento di Scienze e
Tecnologie Agrarie, Alimentari, Ambientali e Forestali
(UNIFI)**

Italy



BE1

Escola Nacional de Bombeiros (ENB)

Portugal



BE4

**Centro de Servicios y Promoción Forestal y de su Industria
de Castilla y León (CESEFOR)**

Spain



BE3

Entente pour la Forêt Méditerranéenne (ENTENTE)

France



BE4

Regione Toscana (RT)

Italy

Publication of Project Results

Coordinating lead authors:

Andrea Laschi and Enrico Marchi

Authors:

Ferreira José	ENB Portugal	Fabiano Fabio	UNIFI Italy
Gomes Artur	ENB Portugal	Laschi Andrea	UNIFI Italy
Reis Vitor	ENB Portugal	De Saint Germain Ronan	ENTENTE France
Pacini Giacomo	Tuscany Region	Tosello Philip	ENTENTE France
Pasquinelli Paola	Tuscany Region	Bonfils Louis	ENTENTE France
Marchi Enrico	UNIFI Italy	Blanco Lago Elena	CESEFOR Spain
Foderi Cristiano	UNIFI Italy		

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Executive summary

This report is an overview about all the results and the documents produced by MEFISTO project. All the documents are published and available on the project website (www.mefistoforestfires.eu) except the parts containing personal information. In these cases, the deliverables have been just shared between project partners and of course with the Desk Officer/DG ECHO.

1. Introduction

In MEFISTO proposal, 25 deliverables were planned and scheduled. All of them have been prepared and published on time, even if in some cases the project “timeline” has been revised by the project partners during the project meetings, as reported on the minute/report of the meetings. At the end, all the expected products were implemented. These are resumed in Table 1.

Table 1: list of deliverables planned in MEFISTO project.

Who	Task	Deliverable List	Delivery to DG ECHO/Desk Officer
UNIFI	A	Coordination and Project Management (M0 - M24)	
UNIFI	D_A.1	Minutes of kick-off meeting	08/03/2017
UNIFI	D_A.2	Partnership Agreement	08/03/2017
UNIFI	D_A.3	Minutes of Opening meeting	08/03/2017
UNIFI	R1	Progress Report M8	11/11/2017
UNIFI	FR1	Financial report M8	11/11/2017
UNIFI	R2	Progress Report M16	13/07/2018
UNIFI	FR2	Progress Report M16	13/07/2018
UNIFI	R3	Progress Report M24	14/01/2019 (within 60 days from the end of the project)
UNIFI	FR3	Financial Report M24	14/01/2019 (within 60 days from the end of the project)

UNIFI	FPR	Final project report	14/01/2019 (within 60 days from the end of the project)
ENB	B	Mediterranean Forest Fire Fighting: State of the Art (M1 - M10)	
ENB	D_B.1	Meeting report: national procedures and organisation in forest fire fighting	15/11/2017
UNIFI	D_B.2	Guidelines redaction: Similarities and differences between EU Mediterranean Countries in Forest Fire Fighting: a challenge for improvement"	15/01/2018
UNIFI	C	Towards European procedures for Forest Fire Fighting: developing common terminology and good practices sharing and agreement (M6 - M15)	
UNIFI	D_C.1	Forest Fires multilingual glossary	16/04/2018
CESEFOR	D_C.2	Report of the technical meeting	16/04/2018
ENB	D_C.3	European procedure for forest fire fighting	16/04/2018
RT	D	Network creation and procedures implementation for transnational cooperation (M6 - M24)	
RT	D_D.1	Establishment of the "European Forest fire fighting skills council"	15/11/2017
CESEFOR	D_D.2	Definition of rights and duties between Countries aimed at efficient cross-border collaborations	15/01/2018
RT	D_D.3	Report on the pilot exercise on cross-border forest fires (practical meeting)	14/01/2019

ENTENTE	E	Training program standardisation and implementation (M10 - M18)	
ENB	D_E.1	Common and shared list of training programs	16/04/2018
ENTENTE	D_E.2	Standardised scoresheets for the evaluation and the awarding of the European Forest Fire Operators (FoFOs) after training course	29/05/2018
ENTENTE	D_E.3	Report of the pilot training, with the designation of the firsts FoFOs (three for each Partner)	13/12/2018
CESEFOR	F	Communication and dissemination (M0 - M24)	
CESEFOR	D_F.1	Website creation, maintenance and continuous update	15/04/2017 (creation) Until 14/01/2019 (maintenance)
CESEFOR	D_F.2	Publication of project results	14/01/2019
CESEFOR	D_F.3	Preparation and dispatching of Leyman's report to the Civil Protection Authorities of all EU Countries	14/01/2019
CESEFOR	D_F.4	Report on dissemination activities	14/01/2019

2. Brief description of deliverables and publication reference

In this chapter, all deliverables are briefly described and the references on how to get them (mainly download from website) are suggested. The three deliverables related with final report (Task A) are not included in this document, because they will be made after the end of the project -January 14th, 2019- and delivered to DG ECHO not later than March 14th, 2019.

2.1 Deliverable A.1 – Minutes of kick-off meeting

Professor Enrico Marchi, Project Coordinator and Associate Professor at University of Florence, and Dr. José Ferreira, Head of Escola Nacional de Bombeiros (ENB – Portugal), attended the kick-off meeting in Brussels on January 18th, 2017. This brief report includes the information shared with all Partners about the contents showed during the meeting.

Being mainly an administrative report, this has been internally shared only between project partners, and sent to MEFISTO Desk Officers on March 8th, 2017

2.2 Deliverable A.2 – Partnership Agreement

This is a fundamental document, where the agreement between partners, including rights and duties under an administrative and technical point of view, was defined and signed by all the figures involved in MEFISTO.

Being mainly an administrative report, this has been internally shared only between project partners, and sent to MEFISTO Desk Officers on March 8th, 2017

2.3 Deliverable A.3 – Minutes of Opening Meeting

MEFISTO Partnership had the first meeting in Florence on February 6th and 7th, 2017. In this meeting the activities were planned, including an internal list of intermediate goals and related deadlines.

Being the interest of this report limited for the public, this has been internally shared only between project partners, and sent to MEFISTO Desk Officers on March 8th, 2017

2.4 Deliverable R.1 and FR.1 – Progress and Financial report at Month 8

This is a mandatory report directly requested by DG ECHO. It has been prepared accordingly with the Annex V of the Grant Agreement and sent to DG ECHO on November 11th, 2017. The report is divided in a technical and an administrative part and it is referred to the first 8 months of project.

2.5 Deliverable R.2 and FR.2 – Progress and Financial report at Month 16

As above, this report is required by DG ECHO to monitor project implementation both for technical and administrative part, in this case for the first 16 months of project. It has been sent to Dg ECHO on July 13th, 2018.

2.6 Deliverable R.3 and FPR – Final Project and Financial report at Month 24

To be prepared and sent to the DG ECHO within 60 days after the end of the project.

2.7 Deliverable B.1 – Meeting report: national procedures and organisation in forest fire fighting

MEFISTO Partnership had the second meeting in Sintra on November 9th and 10th, 2017. In this meeting each partner showed the state of the art regarding the activities under its own responsibility. Partnership focused on the activities related with Task B, of which the deadline was approaching. Being the interest of this report limited for the public, this has been internally shared only between project partners, and sent to MEFISTO Desk Officers on November 15th, 2017.

2.8 Deliverable B.2 – Guidelines redaction: Similarities and differences between EU Mediterranean Countries in forest fire fighting: a challenge for improvement

This document includes the result of a survey made by MEFISTO Partners on the state of the art in fire fighting organization and activities in Partner's countries/regions. Similarities and differences regarding the organization, techniques and procedures are described and summarised. A mutual better knowledge about the organizational systems applied in forest fire fighting in the different countries allow to improve collaboration and the ability to work together. Thanks to the understanding of existing differences between countries, this report focuses on similarities as starting points for developing common approaches and procedures at Mediterranean level.

Guidelines have a high interest for stakeholders in fire fighting. For this reason, the document has been sent to DG ECHO on January 15th, 2018 and suddenly it has been published on MEFISTO website at the link: https://www.mefistoforestfires.eu/sites/default/files/action/doc/mefisto_d_b.2.pdf.

2.9 Deliverable C.1 – Forest fires multilingual glossary

The multilingual glossary is a milestone of MEFISTO project. It includes around one thousand terms related with forest fire fighting. It is available in 5 languages: English, French, Italian, Portuguese and Spanish. There is a “classic” version, available in .pdf at <https://www.mefistoforestfires.eu/content/common-terminology-and-good-practices>, and an interactive version, available as App for both Android and iOS systems (free download on Google Play and Apple store). The glossary has been sent to DG ECHO and uploaded on the website on April 16th, 2018.

2.10 Deliverable C.2 – Report of the Technical Meeting

MEFISTO Partnership had the third meeting in Leon (Spain) on March 14th to 16th, 2018. In this meeting the discussion focused on the standardization of training programs for fire fighters. The meeting included the visit to a large burnt area in consequence of a fire held in 2017. It was useful to meet local firefighters, talking about fire management, procedures and techniques.

Being the interest of this report limited for the public, this has been internally shared only between project partners, and sent to MEFISTO Desk Officers on April 16th, 2018

2.11 Deliverable C.3 – European Procedure for forest fire fighting

The main objective of this document was to define a set of procedures to activate support between different administrations (regions, countries) in forest fire suppression. A proposal was made for the definition of a cross-border collaboration protocol. The report was sent to DG ECHO on April 16th, 2018 and this is available at https://www.mefistoforestfires.eu/sites/default/files/annexes/mefisto_d_c.3_0.pdf.

2.12 Deliverable D.1 – Establishment of the “European forest fire fighting skills council”

This document describes the process implemented to create the EUFORFIRE – European Forest Fire Fighting Council. The name of the network has been changed a little than the one reported in the proposal. The report has been used as internal document (sent to DG ECHO on November 15th, 2017), while the Memorandum Of

Understandings and the letter for affiliation to EUFORFIRE are both available on the website: https://www.mefistoforestfires.eu/sites/default/files/basic_pages/files/ANNEX_I_EUFORFIRE_MoU_signed.pdf and https://www.mefistoforestfires.eu/sites/default/files/basic_pages/files/invitation_letter.pdf.

2.13 Deliverable D.2 – Definition of rights and duties between Countries aimed at efficient cross border collaboration

This deliverable is a report including the existing agreements between countries and/or regions in the field of civil protection, with particular attention to forest fires. Moreover, the document analyses the main issues to be faced in preparing a good international agreement. The report, which is such a guideline for administrations, together with several annexes (examples of existing agreements), is freely downloadable at <https://www.mefistoforestfires.eu/content/transnational-cooperation>.

This documentation has been officially sent to DG ECHO on January 15th, 2018.

2.14 Deliverable D.3 – Report on the pilot exercise on cross-border forest fires (practical meeting)

The pilot exercise has been the final technical event of MEFISTO project. It has been held in Italy, at the regional training centre called “La Pineta”. Two days of exercise for EUFOs were organised, in order to finalize the pilot training course. Deliverable D.3 is the report of the event; the activities carried out are described in detail. Moreover, trainees have compiled a satisfaction questionnaire, and taking into account their comments, together with the experiences and the feedback by technicians who attended the event, a SWOT analysis has been carried out and reported in the document. The report is available online from January 14th, 2019, at the link: https://www.mefistoforestfires.eu/sites/default/files/action/doc/mefisto_d_d.3.pdf.

2.14 Deliverable E.1 – Common and shared list of training programs

This is a fundamental report of MEFISTO project, freely available at https://www.mefistoforestfires.eu/sites/default/files/action/doc/mefisto_d_e_1.pdf, which includes a deep analysis of existing training programs for the different roles of forest fire fighters. For each of the 5 main roles, in common between Participant countries, a standardized training program, including minimum standards in terms of skills and capacities, has been created. The report is available online since April 16th, 2018, when it was submitted to DG ECHO.

2.15 Deliverable E.2 – Standardised scoresheets for the evaluation and the awarding of the European Forest Fire Officer (EUFO)

In this report, an analysis of the possible methods to evaluate trainees at the end of a training course has been conducted. The developed evaluation method, and related evaluation sheets, are public and available at https://www.mefistoforestfires.eu/sites/default/files/annexes/d_e.2.pdf. Documentation has been sent to DG ECHO on May 29th, 2018.

2.16 Deliverable E.3 – Report of the pilot training, with the designation of the first EUFOs (three for each Partner)

The core-event of MEFISTO project has been the pilot training course held in Valabre on May, 2018. In this deliverable a description of the activities carried out, together with the results of the evaluations of both trainers and teachers, has been carried out. The document is public and available at <https://www.mefistoforestfires.eu/content/standardization-and-implementation>. The Desk Officer received the official report on December 13th, 2018.

2.17 Deliverable F.1 – Website creation, maintenance and continuous update

www.mefistoforestfires.eu is the website created at the beginning of the project. It has been updated continuously to keep all stakeholders informed about project implementation. It is structured in several pages and there is the possibility to download the majority of project results and documents.

2.18 Deliverable F.2 – Publication of project results

This is the present report. The Desk Officer received the official report on January 14th, 2019.

2.19 Deliverable F.3 – Preparation and dispatching of Layman's report to the Civil Protection Authorities of all EU countries

The Layman Report is brief document, characterised by a captivating layout, containing a resume of the project. The aim of the Layman report is to give to the reader an overview of the project, explaining in an easy way the

main contents. The Report has been delivered to project stakeholders. It is available online at https://www.mefistoforestfires.eu/sites/default/files/action/doc/mefisto_d_f_3_layman_mefisto.pdf.

The Desk Officer received the official report on January 14th, 2019

2.20 Deliverable F.4 – Report on dissemination activities

In this report, a resume of the communication and dissemination issues has been prepared by CESEFOR. The effects of project's news on Social media and in the web are reported. Moreover, a list of contributions in national and international conferences shows that project results have been presented in both scientific and technical contexts. The complete document is available in the webpage https://www.mefistoforestfires.eu/sites/default/files/action/doc/mefisto_d_f_4.pdf.

The Desk Officer received the official report on January 14th, 2019

2.20 Minutes of the meeting

The minutes of the 6 project meetings were:

- **Brussels** – BE, January 18th, 2017; included in the deliverable A.1 and sent to the Desk Officer on March 8th, 2017.
- **Firenze** – IT, February 6th – 7th, 2017; included in the deliverable A.3 and sent to the Desk Officer on March 8th, 2017.
- **Sintra** – PT, November 9th – 10th, 2017; included in the deliverable B.1 and sent to the Desk Officer on November 15th, 2017.
- **Léon** – ES, March 14th, 15th and 16th, 2018; included in the Deliverable C.2 and sent to the Desk Officer on April 16th, 2018. Valabre-Gardanne – FR, May 22nd – 25th, 2018; sent to the Desk Officer on July 13th, 2018.
- “La Pineta” **Monticiano** - IT, December 12th, 13th and 14th, 2018; sent to the Desk Officer on January 14th, 2018.

3. Final remarks

In two years of project implementation, MEFISTO consortium has worked hard to reach the planned objectives. Many reports, documents and activities were carried out, obtaining very good results in most of the tasks. Despite some difficulties encountered in the development of some actions, all the participants have contributed to solve problems and to reach the best results as possible. All the important results were delivered to the Desk Officer/DG ECHO. Accordingly with EU recommendations, all the products are freely available and easily accessible, excluding confidential and personal data.