



Interreg
España - Portugal

Fondo Europeo de Desarrollo Regional
Fundo Europeu de Desenvolvimento Regional



UNIÓN EUROPEA
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Iberian Centre for
Research and Forest Firefighting

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Research and Forest Firefighting**



Iberian Centre for Research and Forest Firefighting (CILIFO) is framed within **the Thematic Objective 5 of the POCTEP Program**: To promote adaptation to climate change in all sectors. Furthermore, it tackles the investment priority, regarding the POCTEP Program, 5B: Investment promotion in order to address specific risks and guarantee adaptation towards catastrophes as well as the development of disaster management systems.

The project has a duration of three years (01/01/**2019** to 12/12/**2021**).

The CILIFO project (0753_CILIFO_5_E) is 75% by the Cross-border Cooperation Program Interreg V-A Spain Portugal-Interreg POCTEP (2014-2020). **There is a total budget of 24,6 million euros, 75% of which are funded by the European Union.**





To strengthen and combine the cooperation, the operating procedures and the training between the Forest Fire Preventing and Extinguishing devices in the cooperation area of the Alentejo-Algarve-Andalusia Euroregion.



To promote lasting and quality employment creation in the area; reduce the economic cost of fires creating rural economy linked to the landscape.



To improve the involved administrations and authorities' capacity to respond to forest fires in the three participating regions.





Creation of the Iberian Centre for Research and Fight against Forest Fires (CILIFO).



Design and implementation of a cross-border Training Plan for the prevention and extinction of forest fires, based on the acquisition of skills and lifelong learning by extinguishing operations in Spain and Portugal.



Design and implementation of a joint Forest Fire Awareness Plan.



Design and implementation of a cross-border programme for research and innovation in the fight against forest fires, involving researchers from all regions.



Design and implementation, in schools of the three regions, of a transversal subject on forest fires.



1
A1
STRENGTHENING OF
INFRASTRUCTURE
COOPERATION

2
A2
TRAINING,
ACCREDITATION
AND PROTOCOLS

3
A3
AWARENESS
PLAN

4
A4
DEVELOPMENT AND
INNOVATION
PROGRAM

5
A5
MANAGEMENT AND
COORDINATION

6
A6
COMMUNICATION

1 A1 STRENGTHENING OF INFRASTRUCTURE COOPERATION

Action 1.1. Creation of the CILIFO Center.

Action 1.2. Infrastructure improvement, rehabilitation and equipping.

2 A2 TRAINING, ACCREDITATION AND PROTOCOLS

Action 2.1. Training plan for workers in the sector of fire emergencies.

Action 2.2. Accreditation of the operational command.

Action 2.3. Joint protocols Alentejo-Algarve-Andalusia.

3 A3 AWARENESS PLAN

Action 3.1. Primary and secondary schools.

Action 3.2. Politicians and legislators, journalists and reporters, landscapers and architects, and sector entrepreneurs.

Action 3.3. Tourists, society in fire risk areas within an urban-forest interface society at large.

4
A4

DEVELOPMENT AND
INNOVATION
PROGRAM

- Action 4.1.** Research aimed at deepening scientific knowledge and generating operational applications on forest fire risk analysis and management.
- Action 4.2.** Research aimed at advancing scientific knowledge and generating operational applications on prescribed fire.
- Action 4.3.** Analysis of the dynamics and effects of fires on ecosystems for prevention, prediction of post-fire effects and improvement of restoration.

5
A5

MANAGEMENT AND
COORDINATION

- Action 5.1.** Management, coordination and decision-making mechanisms
- Action 5.2.** Operational structure.
- Action 5.3.** Audit trail and payment requests.

6
A6

COMMUNICATION

- Action 6.1.** Project start-up and closure seminars.
- Action 6.2.** Information and communication plan and dissemination and promotional kit.
- Action 6.3.** Exploitation and capitalization of results.



INFRASTRUCTURES

Rehabilitation of the centre intended to be CIMIFO (see infrastructures in Action 1.3).



AWARENESS

Educational system with a transversal agenda on FI.
Updating of dissemination and awareness material.
Kit of materials to raise awareness of the problems of forest fires.
Plan of workshops and dissemination activities.
MOOC for the management of emergencies in forest environments.
Awareness program for emergency situations for more vulnerable groups.



TRAINING

Training and qualification programme for managers and middle managers.

Training and qualification programme in prescribed fires.

Training and qualification programme for awareness-raising managers.

Training programme in the use of ICT technologies.

Creation of a white paper on cross-border and international cooperation.

Prototypes validated in real environments of services based on ICT that will be oriented to the management of emergencies in forest environments.

Book of good practices to guarantee accessibility in emergencies and evacuation of forest environments.



RESEARCH

Preparation of digital cartography for modelling and monitoring of combustibility and flammability.

Characterization of meteorological and historical fire scenarios and monitoring and follow-up of forest masses for the development of risk indexes, early warning systems.

Risk analysis and preventive territorial planning.

Monitoring and follow-up of the natural environment.

Monitoring and follow-up of prescribed burns.

Prescribed fire in the dynamisation of Mediterranean ecosystems.

Analysis of fire dynamics and management.

Adaptations to fire and post-fire stress.

Monitoring the recovery of fauna and vegetation.

Monitoring the effectiveness of Doñana fire restoration in experimental plots.

Interventions to encourage the reinstallation of the fauna after the fire.



- B1/BP.** Junta de Andalucía-Consejería de Agricultura, Ganadería, Pesca y Desarrollo Sostenible.
- B2.** Agencia de Medio Ambiente y Agua de Andalucía.
- B3.** Agencia Estatal Consejo Superior de Investigaciones Científicas - Estación Biológica de Doñana.
- B4.** Fundación ONCE para la Cooperación e Inclusión Social de Personas con Discapacidad.
- B5.** Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria, O.A., M.P. (INIA)
- B6.** Universidad de Cádiz
- B7.** Universidad de Córdoba
- B8.** Universidad de Huelva
- B9.** Comunidade Intermunicipal do Algarve
- B10.** Município de Castro Marim
- B11.** Município de Loulé
- B12.** Município de Monchique
- B13.** Município de Tavira
- B14.** Fundación Delegación Fundación Finnova
- B15.** Universidade de Évora





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