RECOVERY OF BURNED AREAS IN NATURAL PARK OF SERRA DA ESTRELA
THE POWER OF NATIVE PLANTS

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Preserving and restoring mountainous regions is critical due to their role as biodiversity reservoirs and sources of freshwater for much of the global population[1]. Recovering degraded ecosystems is a key strategy to combat climate change, biodiversity loss, and related ecological and social challenges[2,3]. The FLoRE project offers a Nature-based Solution (NbS) to address ecosystem degradation and fragmentation caused by wildfires, aiming to revitalize these areas and boost their resilience.

FLoRE – Local Flora for Ecological Restoration

The FLoRE project aims to demonstrate the economic and organizational feasibility of a shift in ecological restoration solutions' implementation, emphasizing the use of an endogenous local resource: **seeds of native wild herbaceous plants.**

WORK GROUP 1 (INIAV)

Activities of WG1:

State-of-the-Art and Toolkit

Operationalization and Dissemination of Existing Knowledge

Bibliographic Database

- Ecosystem restoration enables the recovery of specific species' richness at a given location;
- Applied methodologies: hay transfer and/or seeding;
- A promising, nature-based, and sustainable approach.

Target Audiences and Stakeholders

- Natural parks and other protected areas managers;
- Agricultural and agroforestry producers;
- Seed multipliers and sellers;
- Local and regional authorities;
- Local and rural development associations.

WORK GROUP 2 (ASFOSO)

Activities of WG2: Pilot Restoration Project

Experimentation, monitoring, and evaluation of different solutions for seed production and ecological restoration

MORE CoLAB will be responsible for implementing the pilot trial in a burned area of the Serra da Estrela Natural Park, within the Municipality of Manteigas.

Collection Pilot Site

Chão das Barcas (Baldio de Stª Maria)
40°25'01.87"N 7°32'36.22"O

Restoration Pilot Site

Ski Park (Sameiro, Manteigas, Portugal)
40°24'49.17"N 7°28'02.65"O

Floristic survey

Beginning of Local Flora Identification

Ornithopus compressus L.

Varbascum pulverulentum

Vicia spp.

Anycuclus clavatus

Hypochaeris glabra

Erodium spp.

WORK GROUP 3 (FAB'LIM)

Activities of GT3: Participatory Listening

Development of a strategy to engage all stakeholders in a large-scale action

Encourage the target audience to use this ecological restoration solution

- Develop a strategy to engage all components of the value chain

Project Dissemination Activities

- MORE CoLAB and Partners' Social Media
- Participation in Events
- Scientific Conferences
- Technical-Scientific Articles (*Voz do Campo* Magazine)

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