

## SILVPAST - Cost-efficient implementation of silvo-pastoral mosaics of *Quercus pyrenaica*

**SILVPAST: Implementação custo-eficiente de mosaicos silvo-pastoris de carvalho negral**

PORTUGAL

**Starting date - expected end date** | 01.07.2017 – 31.12.2021

<https://www.terraprima.pt/en/projecto/23>

### Operational Group

GO SILVPAST aims to test and develop the implementation of silvo-pastoral mosaics, supported by remote sensing tools, that will assist agricultural and forestry activities in areas of black oak. The project targets two levels of intervention: the farm level, where the main actors are the forest managers, and the territorial management level where the main actors are the policy makers.

The main objectives are:

- Test a cost-efficient production process that enables silvo-pastoral activity and guarantees its long-term sustainability through the conduction of natural regeneration and herbivory;
- Support decision-making, and the evaluation and design of agri-environmental policy;
- Promote the restoration of native oak forest, contribute to control the risk of fire and strengthen territorial resilience to environmental and socio-economic changes;

The main expected results are:

- Optimize cost-efficiency: enhance pasture productivity, forest restoration, carbon sequestration, soil protection, and biodiversity; reduce management costs, fire risk and soil degradation.
- Support the evaluation of agri-environmental measures and develop schemes for the payment of environmental services.



**Lead partner:** Terraprima Sociedade Agrícola (livestock and forestry SME, research)

### Other partners

#### Research

- ▶ Faculdade de Ciências da Universidade de Lisboa (University)

#### Farmers

- ▶ Ápis, Companhia Agrícola e Pecuária, S.A.
- ▶ Sociedade de Desenvolvimento da Quinta do Colmeal
- ▶ Multinatura, Lda

#### NGOs

- ▶ ATNatureza - Associação Transumância e Natureza
- ▶ UNAC – União da Floresta Mediterrânica



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