FARCLIMATE

This case study improves the ecological condition and climate resilience of the Corno do Bico Protected Landscape (Portugal) by combining habitat restoration, forest management and biodiversity monitoring. The work focuses on key areas where vegetation encroachment, fuel build-up and the degradation of wet habitats can reduce biodiversity and increase vulnerability under a warmer and drier climate.

Actions include converting selected shrublands into grasslands using prescribed burning followed by rotational grazing, helping to keep open habitats and low-fuel areas in the landscape. The project also restores peatlands, improving water retention and the conservation status of these sensitive habitats. In forests, interventions are carried out in conifer plantations (e.g., Cupressus lusitanica and Chamaecyparis lawsonniana) and in native broadleaved stands such as Quercus robur and Fagus sylvatica, with the aim of increasing structural diversity and reducing stand vulnerability.

Biodiversity is monitored using camera traps to track wildlife presence and support management decisions over time. The case study is implemented through the Laboratorio Rural a partnership between the Municipality of Paredes de Coura and several stakeholders and academic institutions including the University of Vigo (School of Forest Engineering), linking on-the-ground work with technical support and follow-up.

MUNICÍPIO DE PAREDES DE COURA

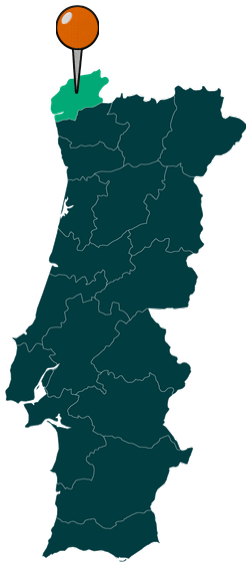
cesefor
FORESTRY HEART, research spirit

UniversidadeVigo

Organisation: Paredes de Coura, UVigo, Cesefor

Sector: Forestry

Location: Corno do Bico Protected Landscape, Portugal



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