



red eléctrica

Una empresa de Redeia

Pastoreo en Red en Calahorra, La Rioja

Extensive Livestock and Environmental Conservation

Noviembre, 2024



Extensive Livestock and Environmental Conservation

November, 2024

Project Objectives



Vegetation Control in Safety Corridors: The project aims to control vegetation growth in the safety corridors of power lines through sheep grazing, thereby reducing the risk of failures and power outages.

Improvement of Natural Capital: The project aims to contribute to the improvement of the natural capital of the environment, restoring degraded areas and improving soil and water quality.

Generation of Sustainable Employment: The project aims to generate sustainable employment in the rural area, providing job opportunities in sheep grazing and project management and maintenance.

Reduction of Greenhouse Gas Emissions: The project aims to reduce greenhouse gas emissions through the implementation of sustainable grazing practices and the reduction of heavy machinery and pesticide use.



Control Vegetation Growth

Sheep grazing is an effective and sustainable technique to control vegetation growth under power lines, reducing the risk of forest fires and preventing the accumulation of plant fuel.



Improve Natural Capital

Improve Soil Fertility: The project aims to improve soil fertility through natural techniques such as composting and crop rotation.

Increase Biodiversity: The project focuses on increasing biodiversity by guiding vegetation development towards herbaceous substrates and creating habitats for local animals and plants.

Promote Pollinator Presence: The project promotes the presence of pollinators by creating habitats for them, such as installing beehives and planting plants that attract these insects.

Generate New Sustainable Employment

Promote Sustainable Employment:

Promoting sustainable employment is important for the economic and social well-being of a community and can contribute to long-term economic stability and growth.

Create Local Employment: Creating local employment can stabilize the population and facilitate generational renewal, contributing to social cohesion and local economic development.





Reduce Greenhouse Gas Emissions

Sheep grazing can help reduce greenhouse gas emissions by avoiding the use of machinery and chemicals for vegetation control.

Project Results

Effectiveness of Sustainable Solution: The project results have demonstrated the effectiveness of the sustainable solution implemented, significantly reducing environmental impact and improving people's quality of life.

Economic Benefits: The implementation of the sustainable solution has also had a positive economic impact, generating significant cost savings and improving the energy efficiency of processes.





Sustainable Vegetation Control

The Grazing Network is a sustainable vegetation control tool in the safety corridors of power lines that uses ecological methods and prevents forest fires, maintaining the safety of the facilities.



Improve Soil Fertility and Biodiversity

The project has increased soil fertility and biodiversity rates, favoring vegetation development and the presence of pollinators.

Project Recognitions

The project has been:

- Valued as a Nature-based Solution (NbS) by the International Union for Conservation of Nature (IUCN)
- Specially mentioned in the Good Practice Award 2021 by the Renewables Grid Initiative platform for its positive social and environmental impact.



redeia

El valor de lo esencial

red eléctrica

reintel

hispasat

redinter

elewit