



MIXED

EFFICIENT AND RESILIENT
MIXED FARMING & AGROFORESTRY

PRACTICE ABSTRACT

06

7M€

budget

19

partners

10

countries



The EU-project **MIXED** (Multi-actor and transdisciplinary development of efficient and resilient MIXED farming and agroforestry systems) is supporting the development of European Mixed Farming and Agroforestry Systems that optimize efficiency and resource use, reduce GHG emissions, and show greater resilience to climate change by considering agronomic, technical, environmental, economic, institutional, infrastructure and social advantages and constraints.

Integrated production of pastures, cork, and high value meat products – the Montado mixed system

In Portugal the MIXED project is implemented by ISA-UL, CONSULAI and a network of farmers practicing Mixed Farming and Agroforestry Systems, in particular the Montado, a UNESCO protected Mediterranean mixed system, comprising agroforestry activities and extensive livestock production. The Montado system is dominated by scattered oak trees (*Quercus suber*, *Q. ilex*, *Q. rotundifolia*), associated with pastures, forages, or feed crops. The livestock (beef cattle, sheep, goats and/or pigs) is characterised by low stocking rates, adapted to the poor soils and unfavourable climate conditions of the region.



DESCRIPTION

Farmers joined the MIXED network in Portugal with a motivation of sharing experiences and improving their practices. Climate change and soil degradation, as well as poor crop management practices, have opened the floor to the decline of the Montado, due to low organic matter contents, soil erosion, and the proliferation of pests. A new paradigm is required to adapt to climate change, while ensuring the economic viability and environmental sustainability of the farms.

The Portuguese network aims at restoring and modernising the Montado ecosystem, by working in collaboration with farmers, researchers, policy makers and other stakeholders. The main objective is to find solutions for the future and develop more sustainable management practices, accommodating the interests of stakeholders at all levels of the value chain.

The network integrates 15 farms, with over 20.000 hectares of farmland in the Alentejo region, south of Portugal. The aim is to share experiences and improve practices to be both efficient and resilient, increasing economic returns and providing eco-system services for the benefit of society and the environment

.Read more (<https://projects.au.dk/mixed/networks-national-teams/portugal>)

Country



Portugal

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More info

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