



Benefits

The Polyfarming system is an alternative to combat the problem of the abandonment of agriculture in Mediterranean mountain areas and the environmental (soil degradation, vulnerability to climate change, loss of biodiversity) and socio-economic consequences (territorial imbalances, loss of productive capacity of the territory) that this abandonment is producing.

polyfarming project

(LIFE15 ENV/ES/000506 Demonstration of a new agro-silvo-pastoral land use to improve farm profitability in mountain areas) is a 5-year project. It started in the summer of 2016 supported by the EU LIFE Environment and Resource Efficiency programme.

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Coordinació



Participació



polyfarming

Demonstration project of a new agro-silvo-pastoral management system integrated in the Mediterranean mountain area



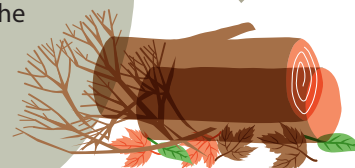
What we do?

A pilot farm is set up to demonstrate on a real scale a new integrated agro-silvo-pastoral system to improve environmental, social and economic sustainability in mountain areas of the Mediterranean.

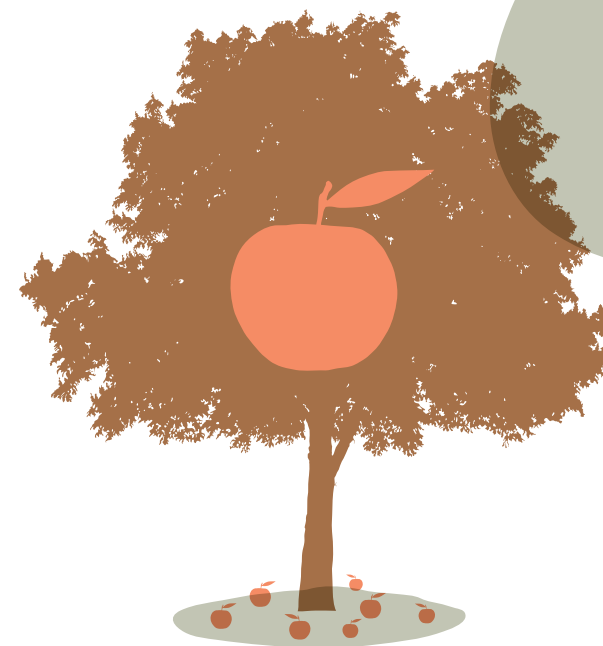
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The Polyfarming project defines a way of interrelating these techniques at the farm level to improve the performance of the different uses of the farm. The main components of this system are:

Integrated forest management that allows the use of by-products of the forest exploitation (remains of thinnings) as a base resource for the other activities of the farm.



Multiple fruit tree management with the production of pastures to complete the needs of livestock.

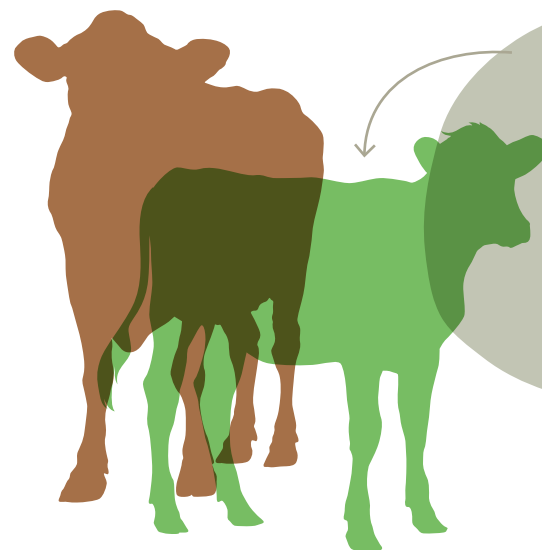


How do we do?

1

The Polyfarming project adapts to the site conditions and scale of production of a Mediterranean mountain farm a series of promising techniques for the improvement of the structure, fertility and water retention capacity of the soil: controlled intensive pasture, BRF, Biochar, reproduction of soil microorganisms, Biofertilizers, culture on wooden beds and cultivation without plowing.

Holistic management of livestock as a key element for the regeneration of soil fertility and the interrelation between the different uses of the farm.



Self-management of mountain orchards without plowing and using the resources of the forest as a basis for its fertility.

