

## PROJECT PARTNERS

The **University of Turin** is the leader of the project with the cooperation of researchers from the Department of Agricultural, Forestry and Food Sciences (**DISAFA**) and the Department of Veterinary Sciences (**DSV**): it is a multi-disciplinary team, with skills in arboriculture, animal nutrition, food and veterinary sciences, with proven experience in the sectors of mulberry, rabbit and insect breeding.

There are numerous Piedmontese farms involved in the project:

**Agrimontana Spa,**

**Azienda Agricola Mellano Mauro,**

**Azienda Agricola Cunigranda di Perano Danilo,**

**Azienda Agricola Vallino Alessandro,**

**Azienda Agricola Villa Villacolle di Fea Manuela,**

**La Maurina Società Semplice Agricola,**

**Studio Associato AStudio.**



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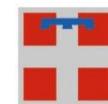
Follow the development of the project on our website [www.gelsonet.it](http://www.gelsonet.it) and visit our Facebook and Instagram pages



Gelso-net



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REGIONE  
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l'Europa investe nelle zone rurali

# GELSO-NET



**Mulberry Agrofood Chain:**  
**Fruit - Forage - Silkworm Sectors**

# GELSO-NET

It is a project financed by measure 16 (sub-measure 16.1 - Action 2) of the 2014-2020 Rural Development program of the Piedmont Region

## PROJECT DESCRIPTION

In a *Circular Agriculture* view, **GELSO-NET** intends to relaunch, at a regional and national level, the agro-industrial mulberry fruit and leaf chain, in close connection with the livestock production chains of silkworm and rabbit breeding. The project aims to a highly innovative review of the mulberry chain, which contributes to the integrated and sustainable development of the agri-food sector and enhances the countless ecosystem services of the mulberry according to socio-cultural criteria and economic convenience.

**GELSO-NET** aims to revisit mulberry cultivation with an innovative approach in order to develop:

### LEAF CHAIN

Realization of intensive plants and insertion of mulberry green pruning waste in another chain.



### SILKWORM CHAIN

Valorization of an artificial diet protocol and of a "regional silk chain", free from the traditional seasonality of silkworm breeding.



### RABBIT CHAIN

Production of feed based on mulberry leaf flour in order to obtain a functional food that allows the reduction of ration costs, the improvement of the nutraceutical characteristics of the meat and responds to the growing needs of the consumer.

### FRUIT CHAIN

Insertion of fresh and processed mulberry fruit in the marketing circuits.



Mulberry cultivation



Fruit chain



Leaf chain



Silkworm chain



Rabbit chain

The production of the fruit, which in the past represented a secondary product in Italy, is today the element for a review of the entire chain that can be based in a modern key. In the past, in Piedmont the mulberry was cultivated for the production of leaves that were essential food for the breeding of silkworms, which for a long time helped to provide well-being and sustenance for many families. The **GELSO-NET** project allows to bring to light a traditional production such as the silkworm one, but revisited in an innovative way, enhancing a new production chain represented by sorosi, delicate and delicious mulberry fruits, and by a more sustainable and careful rabbit farming for the consumers needs.

Total cost of the project: 693.100,31€

Public grant allowed: 544.350,75€

FEASR share: 234.724,04€

