

## Testing, monitoring and scalability of a mobile sheep and goat slaughterhouse to support small-scale farming and generational renewal in rural areas

### Summary

The project will start up the mobile slaughterhouse as a pilot test, providing a service for central Catalonia to meet the needs of livestock farmers who have seen the closure of low-capacity slaughterhouses and sheep and goat lines in larger slaughterhouses that mainly slaughter pigs. This new mobile facility should improve meat quality and animal welfare by eliminating vehicle transport and improve farm workers' quality of life by optimising the service and eliminating hours spent travelling to the slaughterhouse. Finally, it promotes a shorter circuit and the direct sale of local meat and improves sustainability and economy in the sector, thus maintaining the essence of rural landscapes and territories.

### Objectives

**Trial:** Ensuring the correct functioning of the mobile slaughterhouse, in terms of end product quality, compared to the current model.

**Monitoring:** Observing, analysing and attempting to resolve the changes (organisational, regulatory, etc.) that implementing mobile slaughterhouses may cause, both on farms and at a common point.

**Scalability:** Proposal for a scalable model in other rural areas of Catalonia and/or Europe and its management.

### Description of the actions planned in the project

- 1. Planning and adapting the farms** taking part in the project, i.e. monitoring them to ensure they meet basic requirements and have adapted their facilities to receive the mobile slaughterhouse and guarantee its proper use, as determined by Generalitat ministries.
- 2. Starting the slaughter** and creating routes; associated documentation. Collecting the initial basic data and ensuring the facility works properly.
- 3. Analysis of slaughterhouse quality data.** Contracting the research centre, which will ensure data from the facility are studied and compared with the other planned scenarios (conventional slaughterhouse and mobile slaughterhouse at a common point).
- 4. Calculating the carbon footprint:** collecting data on the energy, water and basic product consumption for the facility to function, to obtain information on process sustainability and to compare the previous situation (conventional slaughterhouse) with the mobile slaughterhouse at a common point.
- 5. Traceability of the product** from farm to consumer. One of the basic objectives is to ensure a high-quality product for the end consumer; therefore a thorough study on product traceability and the best formulas to provide the end customer with information on the product will be conducted.
- 6. Study of a prototype cold room and quartering room.** At present, not all livestock farms have a cold room and quartering room. The aim of this action is to make it easier for farms to have a basic plan of the minimum requirements for building these facilities, as well as a basic budget, if they so want.
- 7. Dissemination** of the project, necessary training and knowledge of the project its results.

## Expected results and practical recommendations

The expected result of the project is to demonstrate the viability of the mobile slaughterhouse, which will become a replicable model for wherever it is needed, incorporating a network of mobile slaughterhouses as a support service to facilitate the work of professionals in the primary sector and guarantee generational replacement.

## Leader of the Operational Group

**ORGANISATION:** ASSOCIATION FOR THE RURAL DEVELOPMENT OF CENTRAL CATALONIA

## Coordinator of the Operational Group

**ORGANISATION:** ASSOCIATION FOR THE RURAL DEVELOPMENT OF CENTRAL CATALONIA

## Other members of the Operational Group (grant recipients)

**ORGANISATION:** ASSOCIATION FOR THE MANAGEMENT OF THE GES BISAURA RIPOLLÈS LEADER PROGRAMME

## Other members of the Operational Group (not recipients of the grant)

**ORGANISATION:** UNIVERSITY OF GIRONA

**ORGANISATION:** NATIONAL ASSOCIATION OF BREEDERS OF THE RIPOLESA BREED OF SHEEP

**ORGANISATION:** RURBANS ASSOCIATION

**ORGANISATION:** RIPOLLÈS PRODUCT ASSOCIATION

## Subject area(s) of application

- Agricultural production system
- Agricultural practice
- Agricultural equipment and machinery
- Livestock farming and animal welfare
- Vegetable production and horticulture
- Landscape / Territorial management
- Pest and disease control
- Fertilisation and nutrient management
- Soil management
- Genetic resources
- Forestry
- Water management
- Climate and Climate Change
- Energy management
- Waste and by-product management
- Biodiversity and environmental management
- Food quality/processing and nutrition
- Supply chain, marketing and consumption
- Competitiveness and agricultural and forestry diversification
- General

**Geographical area(s) of application**

PROVINCE(S)	REGION(S)
Barcelona	Berguedà, Bages, Osona, Moianès, Vallès Oriental

**Dissemination of the project (publications, conferences, multimedia, etc.)**

--

**Project website**

--

**More information on the project**

PROJECT DATES	TOTAL BUDGET
<b>Starting date:</b> July 2021	<b>Total budget:</b> €207,945.60
	<b>DACC funding:</b> €96,165.03
<b>Current status:</b> Under way	<b>EU funding:</b> €72,545.55
	<b>Own funding:</b> €39,235.02

**With funding from:**

Project funded through Operation 16.01.01 (Cooperation for Innovation) through the Catalan Rural Development Programme 2014-2022.

*Order ARP/113/2021 of 20 May, approving the regulatory bases for grants for cooperation for innovation by promoting the creation of European Association for Innovation operational groups in the areas of agricultural productivity and sustainability and the execution of innovative pilot projects by those groups, and Resolution ACC/1660/2021, of 27 May, announcing the call for the grant.*

