



# The LIFE Programme 2014-2020

The project SheepToShip LIFE is co-funded by the European Commission within the framework of the LIFE Programme, the EU's financial instrument supporting environmental, nature conservation and climate action projects throughout Europe. The LIFE Programme, managed by the European Commission, was set up in 1992 to contribute to the development and implementation of EU environmental and climate policy and legislation.

The Regulation (EC) No 1293/2013 established the new 'Programme for the Environment and Climate Action (LIFE)' for the period from 1 January 2014 to 31 December 2020. SheepToShip LIFE is financed within the priority area 'Climate Change Mitigation' of the sub-programme 'Climate Action' as an initiative to combat climate change by reducing greenhouse gas emissions from sheep farming in Sardinia.



## Coordinator:

National Research Council  
Institute of BioEconomy (CNR-IBE)  
Traversa La Crucca 3, 07100 - Sassari, ITALY  
Contact person: Pierpaolo Duce  
phone +39 079 2841503  
e-mail: pierpaolo.duce@ibe.cnr.it

## Partners:

### Agris

Agencia pro sa chira in agricultura  
Agencia regionale per la ricerca in agricultura



AGRIS Sardegna  
Regional Agency for Scientific Research  
in Agriculture  
Contact person: Giovanni Molle  
phone +39 079 2842347  
e-mail: gmolle@agrisricerca.it



National Research Council  
Institute for Animal Production System  
in Mediterranean Environment (CNR-ISPAAAM)  
Contact person: Antonello Franca  
phone +39 079 2841609  
e-mail: antonio.franca@cnr.it

### Laore

Agencia regionale  
pro s'vilupu in agricultura  
Agencia regionale  
per lo svilupu in agricultura



LAORE  
Regional Agency for Development in Agriculture  
Contact person: Alberto Manca  
phone +39 0783 800786  
e-mail: AlbertoManca@agenzialaore.it



Autonomous Region of Sardinia  
Department for Environmental Protection  
Contact person: Gianluca Cocco  
phone +39 070 6066456  
e-mail: giacocco@regione.sardegna.it



University of Sassari  
Agronomy Department  
Contact person: Alberto Atzori  
phone +39 079 229309  
e-mail: asatzori@uniss.it



University of Sassari  
Department of Economics and Business  
DiSea  
Contact person: Marco Vannini  
phone +39 079 213510  
e-mail: vannini@uniss.it



[info@sheeptoship.eu](mailto:info@sheeptoship.eu)  
[www.sheeptoship.eu](http://www.sheeptoship.eu)



# sheep to ship LIFE

Looking for an eco-sustainable  
sheep supply chain: environmental  
benefits and implications

Strategies and solutions  
for a low emission sheep  
supply chain



With the contribution  
of the LIFE financial instrument  
of the European Union  
LIFE15 CCM/IT/000123

comunicare@uniss.it





## The SheepToShip LIFE project

SheepToShip LIFE aims to enhance the contribution of the sheep sector - from farming to processing milk and dairy products towards climate change mitigation.

The project seeks to develop and promote good agricultural and farming practices in order to reduce greenhouse gas emissions from the sheep farming sector and dairy supply chain in Sardinia through an efficient use of resources.

By promoting innovative and eco-sustainable production models, SheepToShip LIFE aims to achieve its overall objective of **reducing by 20% in 10 years greenhouse gas emission from the Sardinian livestock sector and sheep industry.**



## The project objectives



**Improving the environmental quality** of sheep production systems demonstrating the environmental, economic and social benefits deriving from eco-innovation in the dairy supply chain and sheep farming sector.



Promoting the implementation of environmental and rural development policies, guided by the life-cycle approach, and aimed at enhancing **the environmental quality** of local sheep's milk and cheese supply chains.



**Increasing the level of knowledge and awareness** of stakeholders and the general public regarding the environmental sustainability of products made from sheep's milk and their contribution to the mitigation of the climate change.

## Sardinia as a European laboratory for climate change mitigation

Sardinia was chosen as the only intervention area because it represents a valuable model of the entire Mediterranean sheep sector, in terms of both sheep population and representativeness of the typical European husbandry systems. Sardinia can therefore serve as an 'open-air laboratory' where a model of actions and measures on climate change at European level could be tested.



## How the **objectives** will be **met**

### An in-depth analysis of the Life Cycle Assessment of the sheep supply chain

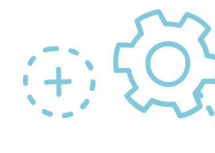
will be performed to identify the environmental hotspots and to evaluate improvement options and climate mitigation strategies.



The identified techniques and best practices will be

### implemented and tested

in demonstration farms, to be then assessed and compared with traditional management systems.



The project results will feed to an

### Environmental Action Plan

for the Sardinian sheep sector and dairy supply chain. The Plan will define the actions, measures, and steps to undertake for reducing by 20% in 10 years greenhouse gas emissions.

### Guidelines and climate change mitigation actions

will be developed for the entire supply chain.



The environmental and economic impacts of the innovations will be

### monitored

over the medium term.



Dissemination of the SheepToShip intervention models, awareness raising and knowledge transfer by

### best practices.

