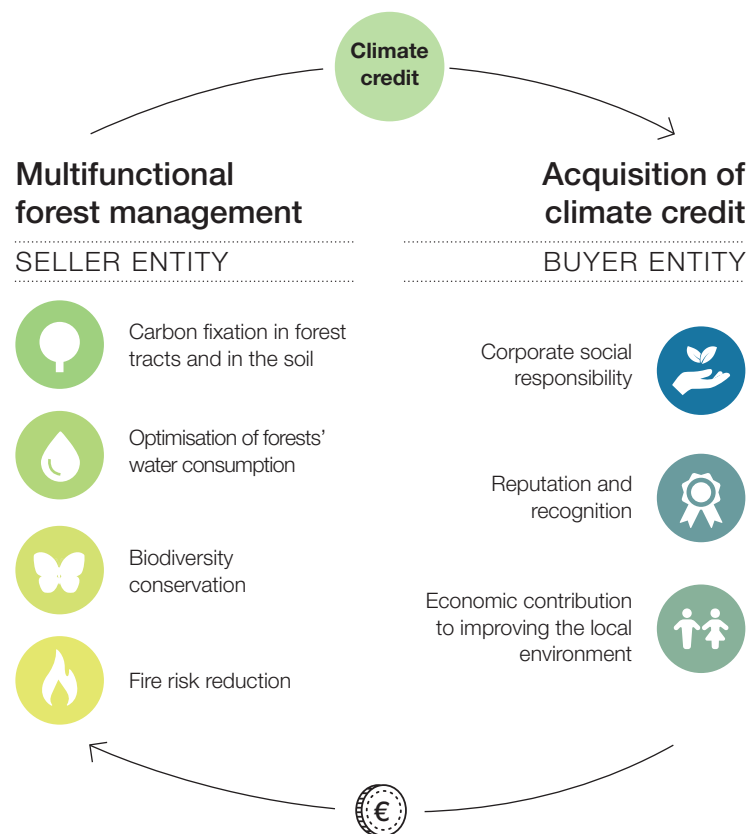


# Climate credit, more than just carbon



## Coordinator:

Centre de la Propietat Forestal

## Partners:

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Consorci Centre de Ciència i Tecnologia Forestal de Catalunya  
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Consiglio Nazionale  
delle Ricerche



Generalitat  
de Catalunya

# LIFE CLIMARK

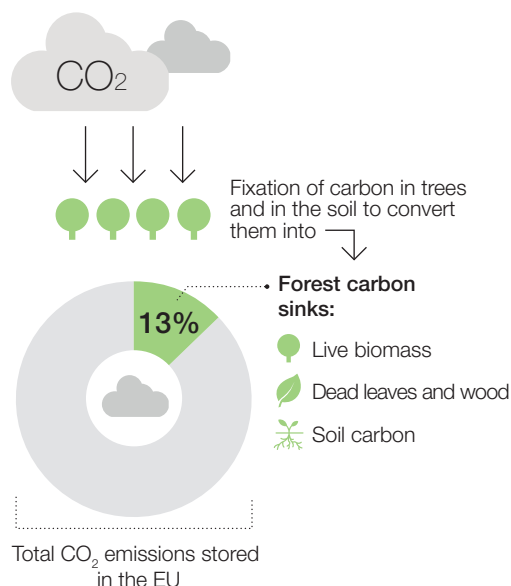
Promotion of forest management  
for climate change mitigation  
through the design of a local  
climate credit market



# Background

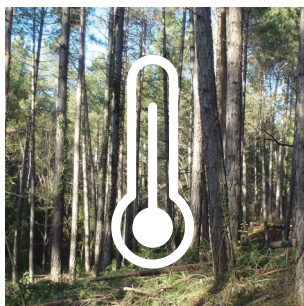
European forests play a crucial role in carbon balances, with an impact on climate change mitigation of around 13% of total EU emissions, mainly as a result of their sink capacity, carbon fixation in forests and wood products and replacement of fossil fuels.

However, in recent years, the first symptoms of saturation in the carbon sink capacity of European forests have been observed and this situation could worsen in the medium term. To reverse this, **multifunctional forest management has become a key tool.**



# Project objectives

**Contribute to climate change mitigation and adaptation by increasing sink capacity and the protection of carbon stocks in Mediterranean forests by promoting multifunctional management with the creation of a climate credit market.**



Maintain and improve the mitigation capacity of Mediterranean Europe's forests.



Design a local climate credit market as a tool for promoting multifunctional forest management.



Raise awareness, train and provide tools to all stakeholders interested in compensating CO<sub>2</sub> emissions through climate credits.

# Project actions

**Environmental diagnosis** of six landscape units and selection of pilot stands for management

**Follow-up and monitoring** of the actions implemented. Definition of calculation methodologies

**Communication,** dissemination of the results and replication of the project



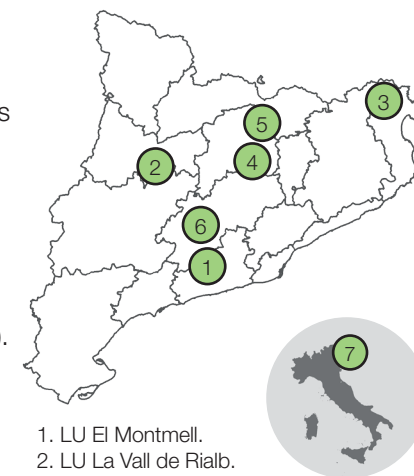
**Implementation of forest management practices** and plantations to characterise the impact obtained on the selected indicators. Replication and transfer actions in Catalonia and Italy

Design and pilot trial of a **climate credit market** based on scientific knowledge and local participation

# Forestry treatments and areas of action

The project is performed in Catalonia, on a landscape unit scale (LU), in which the following combined adaptation/mitigation systems are applied to suit the characteristics of each LU:

- Management of forest tracts in post-fire regeneration phase (*Quercus suber*, *Pinus halepensis*, *P. sylvestris*, *Q. faginea*).
- Forest management in mature forests (*Q. suber*, *P. halepensis*, *P. sylvestris*, *P. nigra*).
- Forest and agro-forest plantations.
- Management practices with an impact on soil carbon.
- Strategic management of forest fire prevention.



1. LU El Montmell.
2. LU La Vall de Rialb.
3. LU Els Aspres.
4. LU Replans del Berguedà.
5. LU Capçaleres del Llobregat.
6. LU Serres d'Ancosa.
7. Veneto region.

The project is replicated in the Veneto region (Italy).