



EU Mission Soil  
SOIL DEAL FOR EUROPE



# MONALISA



# MONALISA

The MONALISA project and stakeholders cooperate in the process of the proposed solutions to combat land degradation and desertification (LDD) development through the processes of co-design and co-implementation.

Contact us:



MONALISA\_EU



Monalisa Project



@MONALISA\_4LAND



@MONALISAEU



Funded by  
the European Union

Project funded by

Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra

Swiss Confederation

Federal Department of Economic Affairs,  
Education and Research ERAS  
State Secretariat for Education,  
Research and Innovation SERI

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Research Executive Agency (REA). Neither the European Union nor the granting authority can be held responsible for them.

*Case Study*  
**Berchidda-Monti**  
**Sassari, Sardinia, Italy**

monalisa4land.eu





## Case Study Berchidda-Monti

**Region:** North-East of Sardinia, Italy

**Elevation:** 259–350 m,

**Mean annual temperature:** 14.2 °C

**Rainfall range:** 632 mm

**Evapotranspiration:** over 1050 mm

**Aridity index:** 0.53

Main drivers of land degradation and desertification (LDD) in the region:

- **Drought and climate change**
- **Lack of tree regeneration** in the silvopastoral landscape
- **Land use intensification**
- **Land abandonment** (increasing the wildfire risks)
- **Low grassland productivity and quality** in wood grasslands

In the region, the land is mainly used for growing rainfed crops, livestock (dairy sheep and beef cattle), agro-silvopastoral systems (mainly cork oak-based) and vineyards.



**Solutions** to combat LDD in the **Berchidda-Monti Case Study** through the **MONALISA project** are nature-based:

- **Innovative grazing management**
- **Legume enrichment of grasslands**
- **Microbial-based solutions**
- **Organic fertilizers and amendments**

