



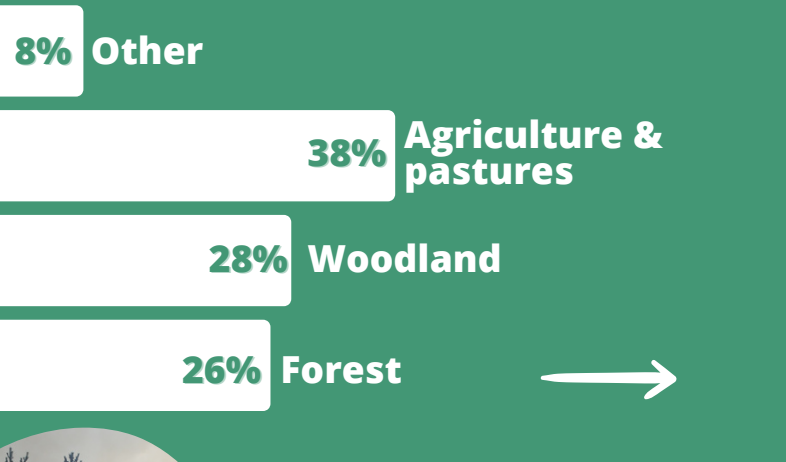
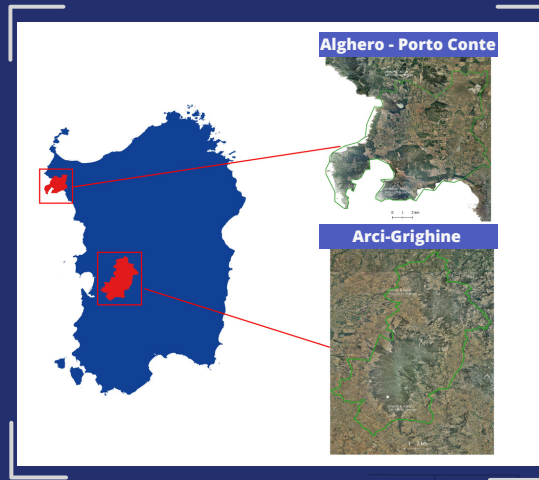
SARDINIA LIVING LAB

Reaching-up:

>36°C
mean maximum temperature recorded in summer



< 6%
relative humidity



LAND COVER



Holm oak (*Quercus ilex*)



Cork oak (*Quercus suber*)



Downy Oak (*Quercus pubescens*)



2022

9,545 HA BURNT

43°C RECORDED



Forests (1,140 ha)
Pastures (2,086 ha)
Arable land (5,265 ha)



2022 has been less tragic than 2021, which recorded the highest value of burnt area of the last 23 years, considering the sum of all burnt surfaces each year. Out of 1438 wildfire events \geq 1000 m², a single wildfire lasted 6 days. It burned > 12k hectares of the Montiferru historical region (Central-western part of Sardinia), with relevant impacts in valuable landscapes and forests (mostly cork oak trees, but also broadleaves).

Over 95% of these fires were caused by human activity, making anthropogenic factors the leading cause.

DID YOU KNOW?



Civil Protection, Regional Forest Guards (CFVA) and FoReSTAS are responsible for the fire suppression system.

Investment in fire prevention has been increasing since the devastating extreme wildfire events of the Montiferru historical region in 2021. Since this fire, penalties have been increasingly enforced for private individuals or institutions.



VISUAL INSPIRATION MAP

SARDINIA - COMMUNITY OF WILDFIRE INNOVATION

GOVERNANCE

Sardinia forests ownership distribution:

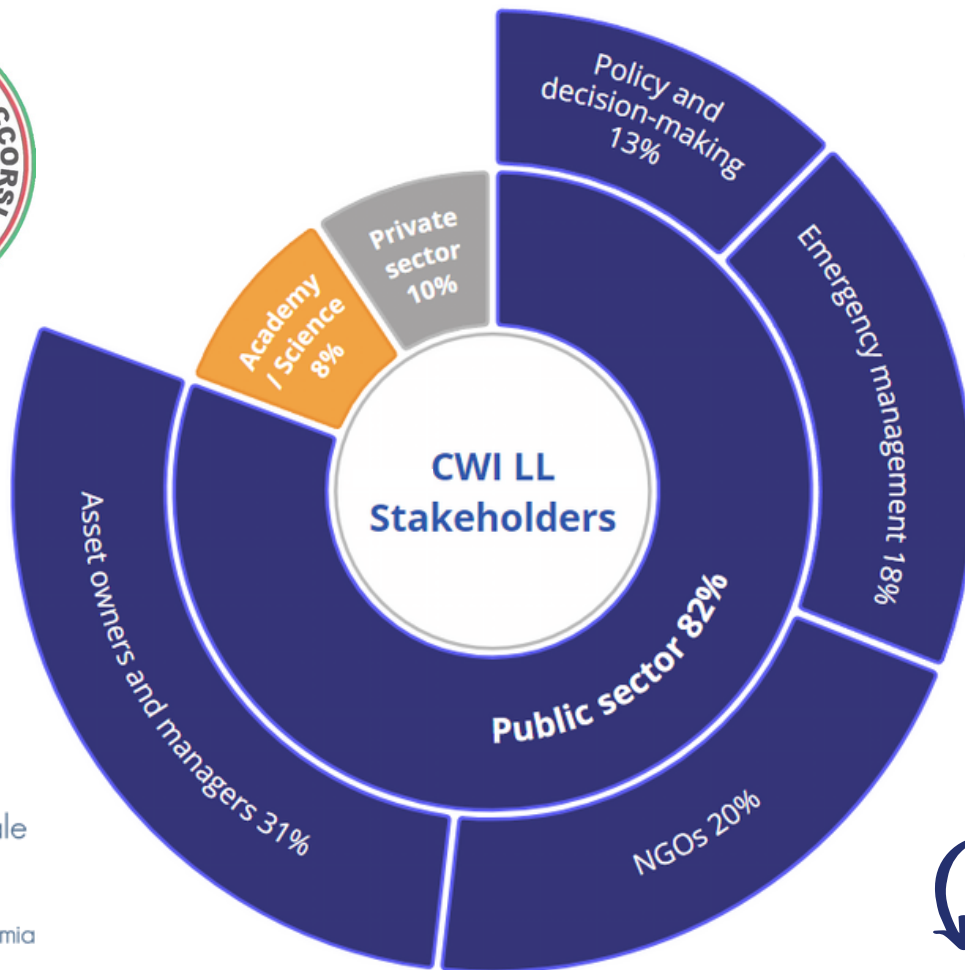
- 33% public property (regional or local communities)
- 66% private landowners



ACTORS INVOLVED

Sardinia's community of wildfire innovations (CWI) integrates 15 members, divided into 5 strategic members and 10 operational ones. The CWI members are classified into six types and distributed over the categories of the 4-helix of innovation.

FIRE-RES involves 3 national partners that include a public institution (FoReSTAS Agency), a scientific institution (the Italian National Research Council- Institute of BioEconomy – Sesto Fiorentino headquarters), and N.O.S. – Associazione Nucleo Operativo Soccorsi, a Third party for the Italian partner's side.



Forestas

Agencia forestale regionale pro s'isvilupu de su territoriu e de s'ambiente de sa Sardigna
Agencia forestale regionale per lo sviluppo del territorio e dell'ambiente della Sardegna



REGIONE AUTONOMA DE SARDIGNA
REGIONE AUTONOMA DELLA SARDEGNA

SardegnaForeste



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