



FINAL LIFE MIDMACC seminar on transferability and replicability

LIFE Maronesa case study replication

26th april 2024

COORDINACIÓN

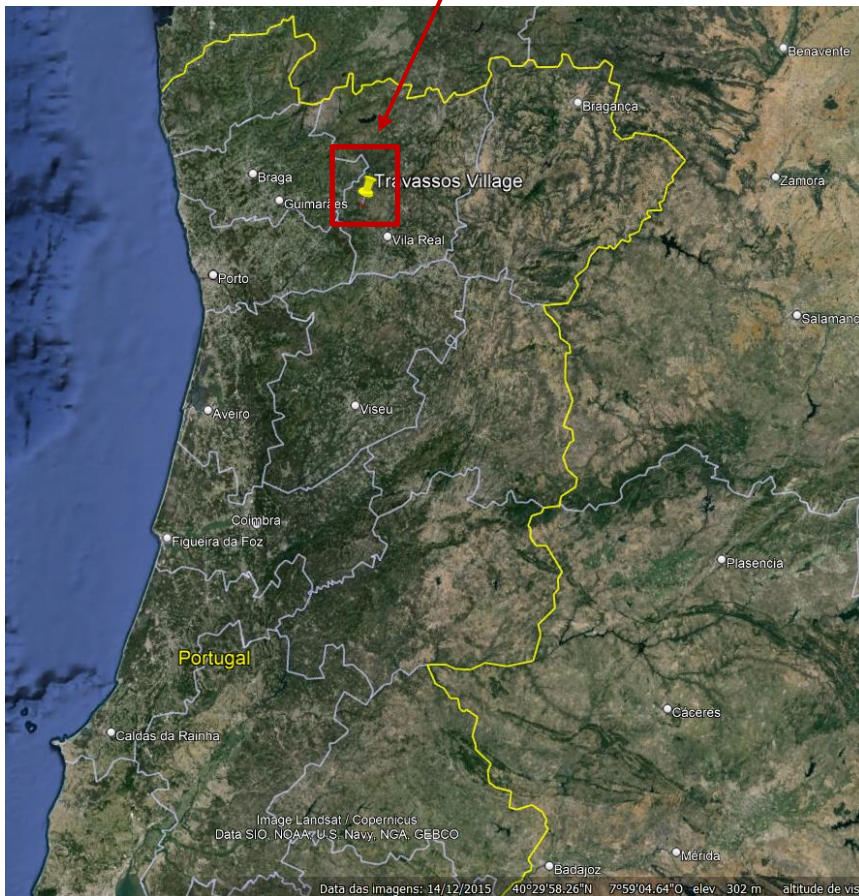


PARTICIPANTES



Geographical framework

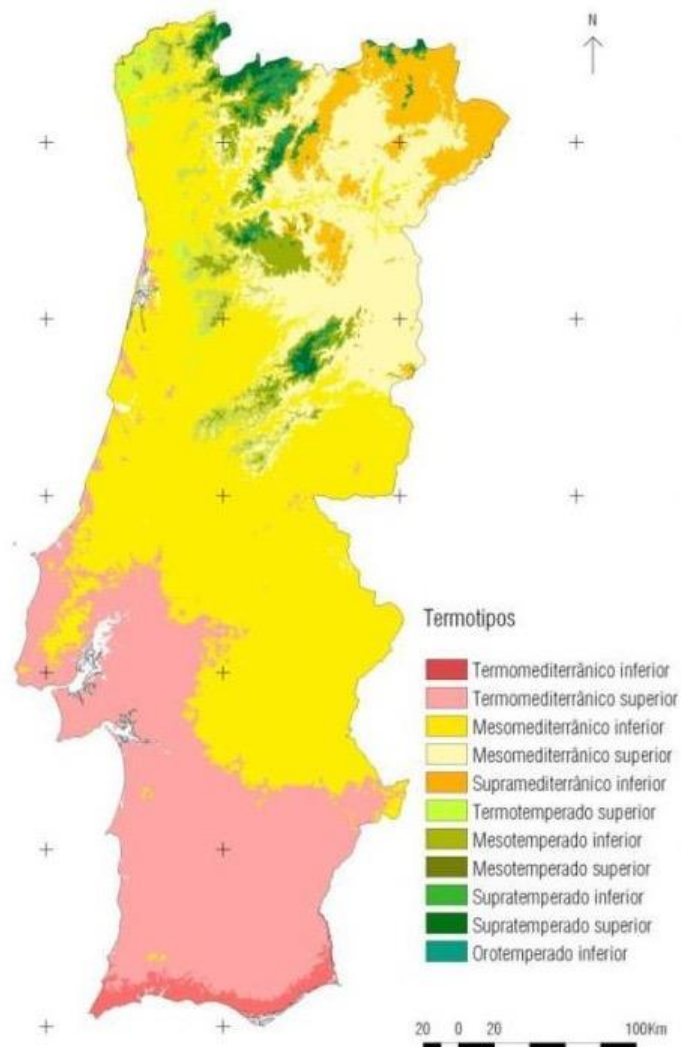
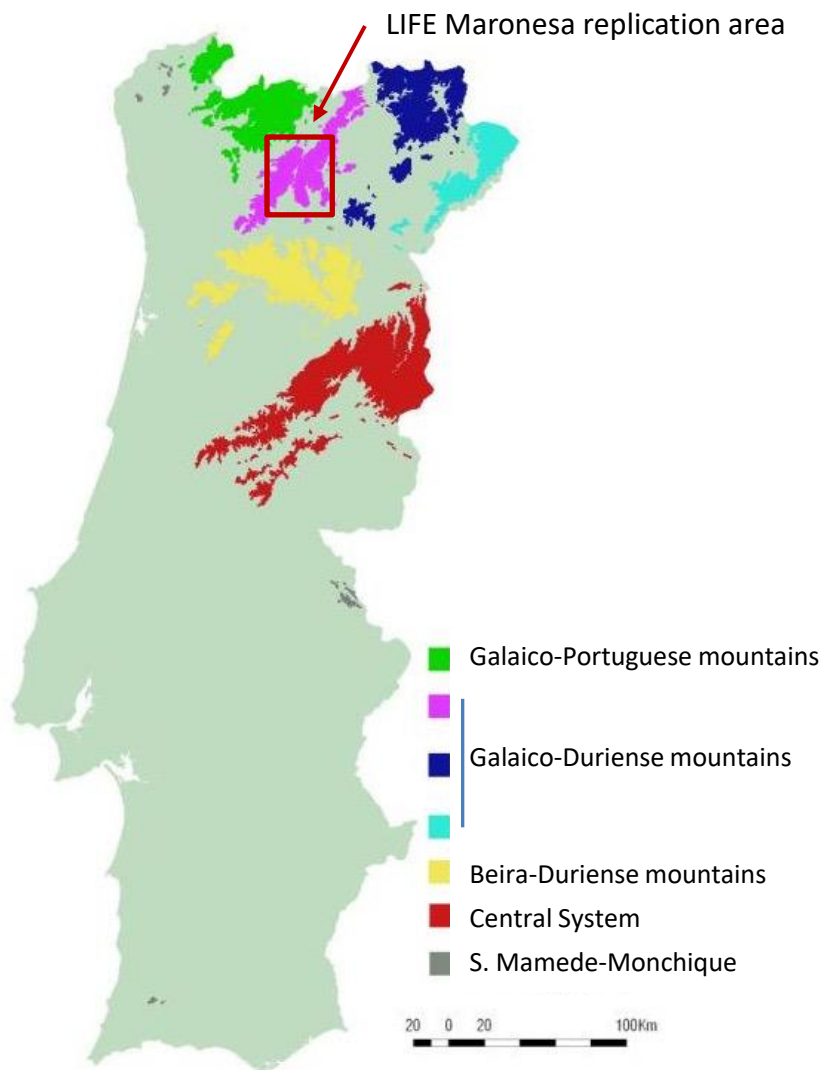
LIFE Maronesa replication área: Travassos village

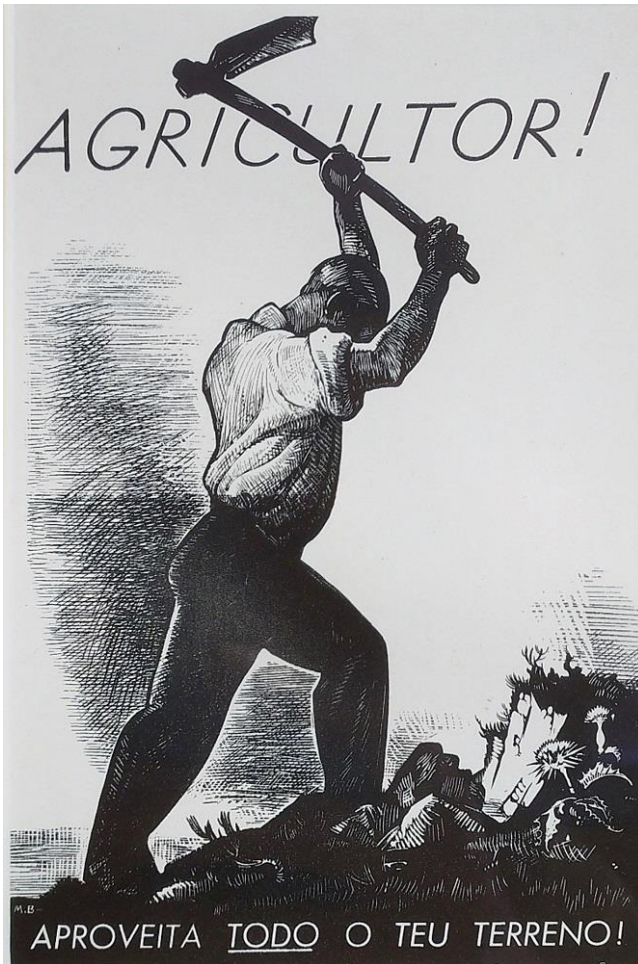


Location

- Vila Real district
- Mondim de Basto municipality
- Bilhó parish

Climate framework

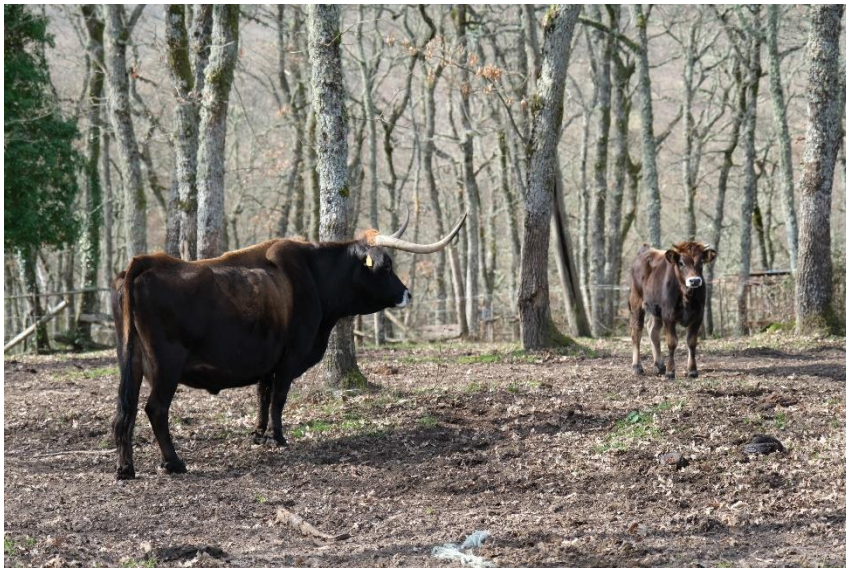




Problematic and Challenges

Abandoned forest settlements of *pinus pinaster* and *pinus sylvestris*, resulting from the 1939-1968 Forest Planting Plan. these species were planted and exploited by the state after the expropriation of the communal lands during the implementation of the Forestry Planting Plan of 1939-1968. After 1974, the land was returned to the rural communities and today, with the exception of larger areas, several stands scattered across the north and centre of the country are abandoned and susceptible to a high risk of fire and carbon release into the atmosphere.

Problematic and Challenges



The Common Agricultural Policy does not foresee subsidies for integrated management between forest plantations and extensive grazing by herbivores. This situation creates management conflicts between different agricultural activities and farmers and forestry producers lose the opportunity to reduce management costs and optimize landscapes that are resilient to fire and adapted to climate transitions

Replication areas

<https://maps.app.goo.gl/p1Aa3Aaxc7djJBvE9>

<https://maps.app.goo.gl/xRHWz5wLgYA7aSYf6>



Replication area two *pinus pinaster* forest of 7,6ha and 13ha respectively



Forest ground cover species and maronesa diet

No interest

Ulex minor

Cytisus sp.pl.

Pteridium aquilinum



Interest

Genista tridentata



Replication actions

- Reduce tree density to decrease canopy surface and increase light absorption (+-20% reduction)
- Shrub shredding
- PH soil correction with phosphorus and lime application (to prevent ferns from reappearing)
- Introduce maronesa livestock

Monitoring and managing

- Shredding shrubs in the 3rd year to prevent seed production
- Flora inventory and cover abundance



Adaptando la media montaña
al cambio climático

Con el apoyo de



LIFE18 CCA/ES/001099

Thank you for your time

Henrique Mira Godinho – LIFE Maronesa project manager



26th april 2024

COORDINACIÓN



PARTICIPANTES



Oficina Catalana
del Canvi Climàtic



Universidad
Zaragoza



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