

MOSAICO: multifunctionality in practice

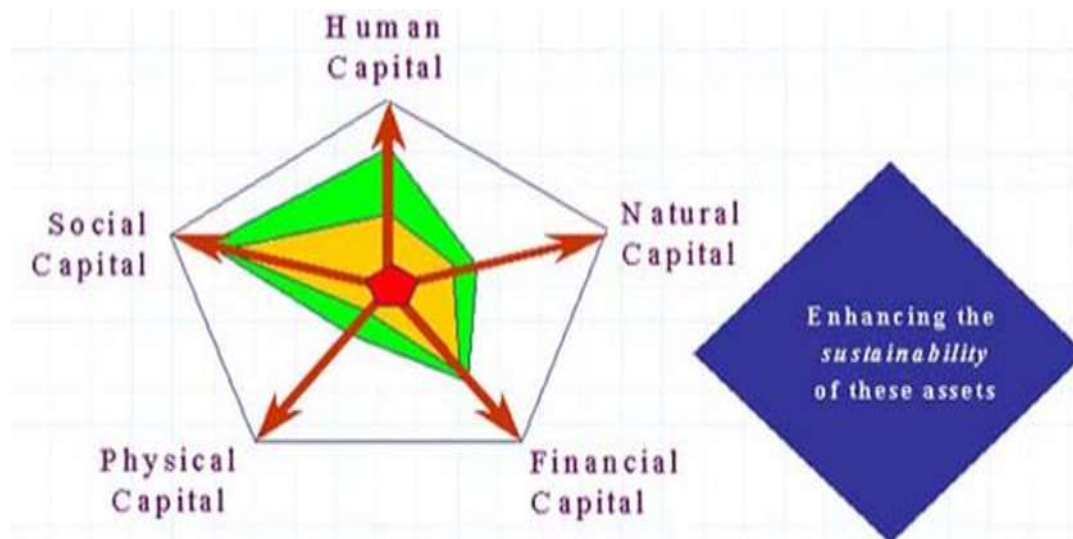
Presentation at the Second Meeting of the EU CAP Network Thematic Group
“Supporting the Needs of Forest-Dominant Rural Areas and Municipalities:
‘Good practices from forest-dominant rural areas for balancing different needs to
achieve multi-functional forests.’



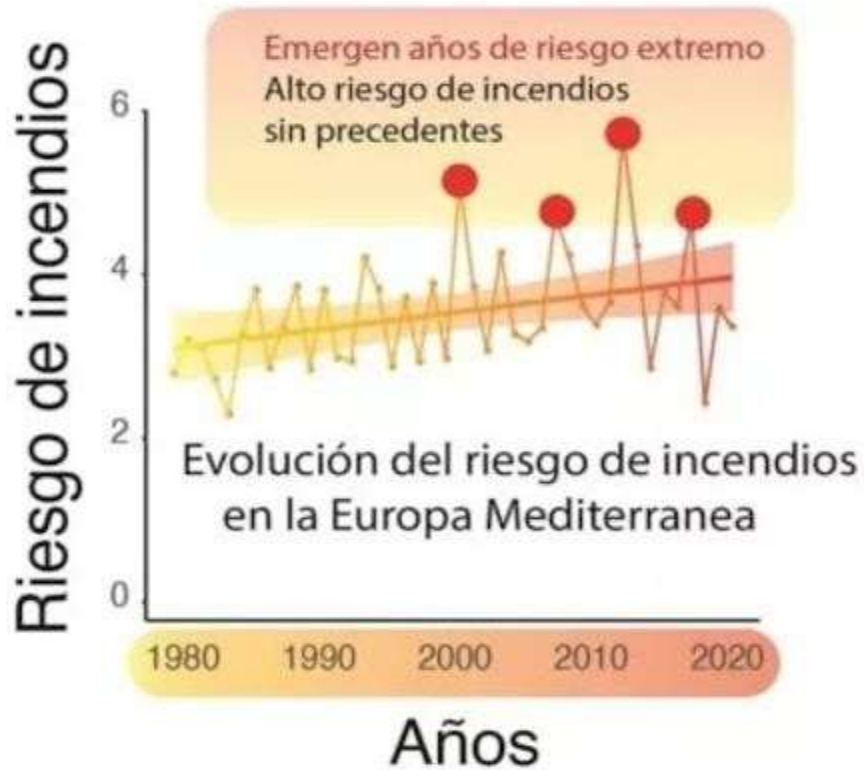
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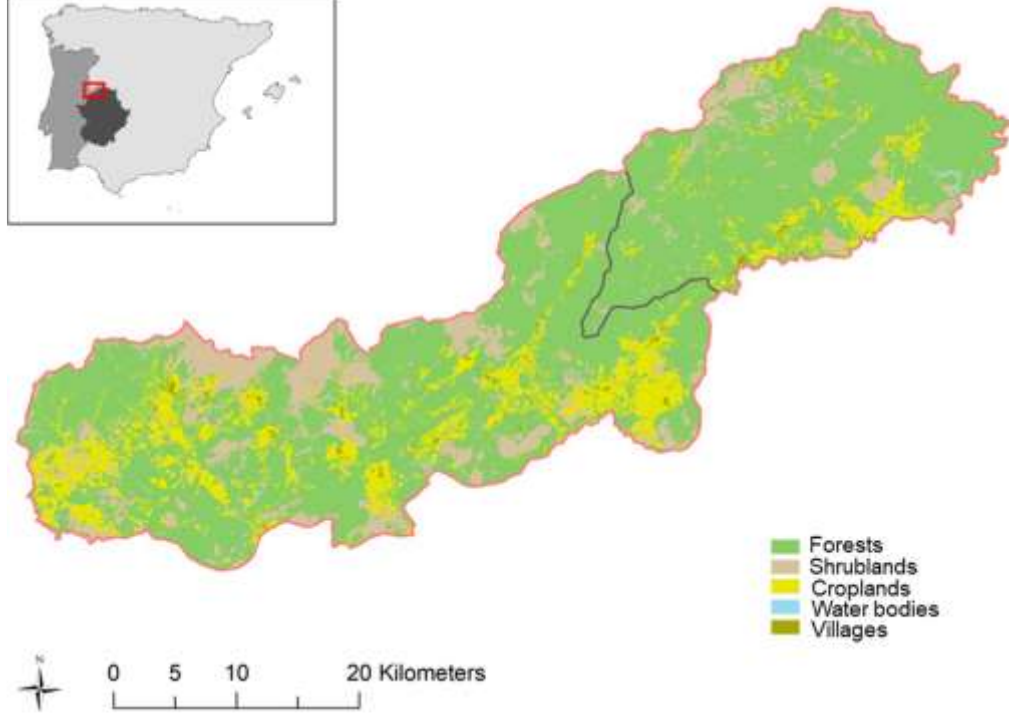
Mediterranean forest-dominant rural areas

- Less and older people;
- More trees
- Economic decline
- Climate change impacts



Increased wildfire risk

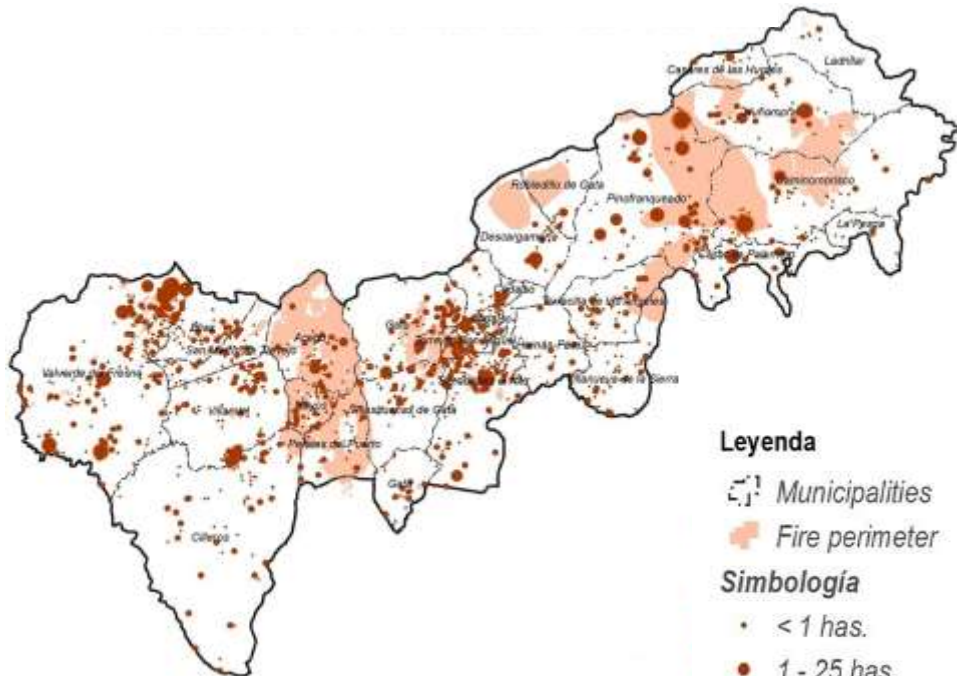






Sierra de Gata and Las Hurdes: a forest-dominant rural area in southwestern Spain

- 160.000 ha
- Forestland dominant (91.7% of SG and 81.0% of LH)
- 23 municipalities (17, 675 inhabitants)
- Sparsely populated: 11.9 person/km²
- Around 45% population declined since 1960
- 15% of population in land management activities

But also, fire-dominant



Legenda

-  Municipalities
-  Fire perimeter

Simbología

- < 1 has.
- 1 - 25 has.
- 25 - 50 has.
- 50 - 100 has.
- 100 - 200 has.
- 200 - 300 has.



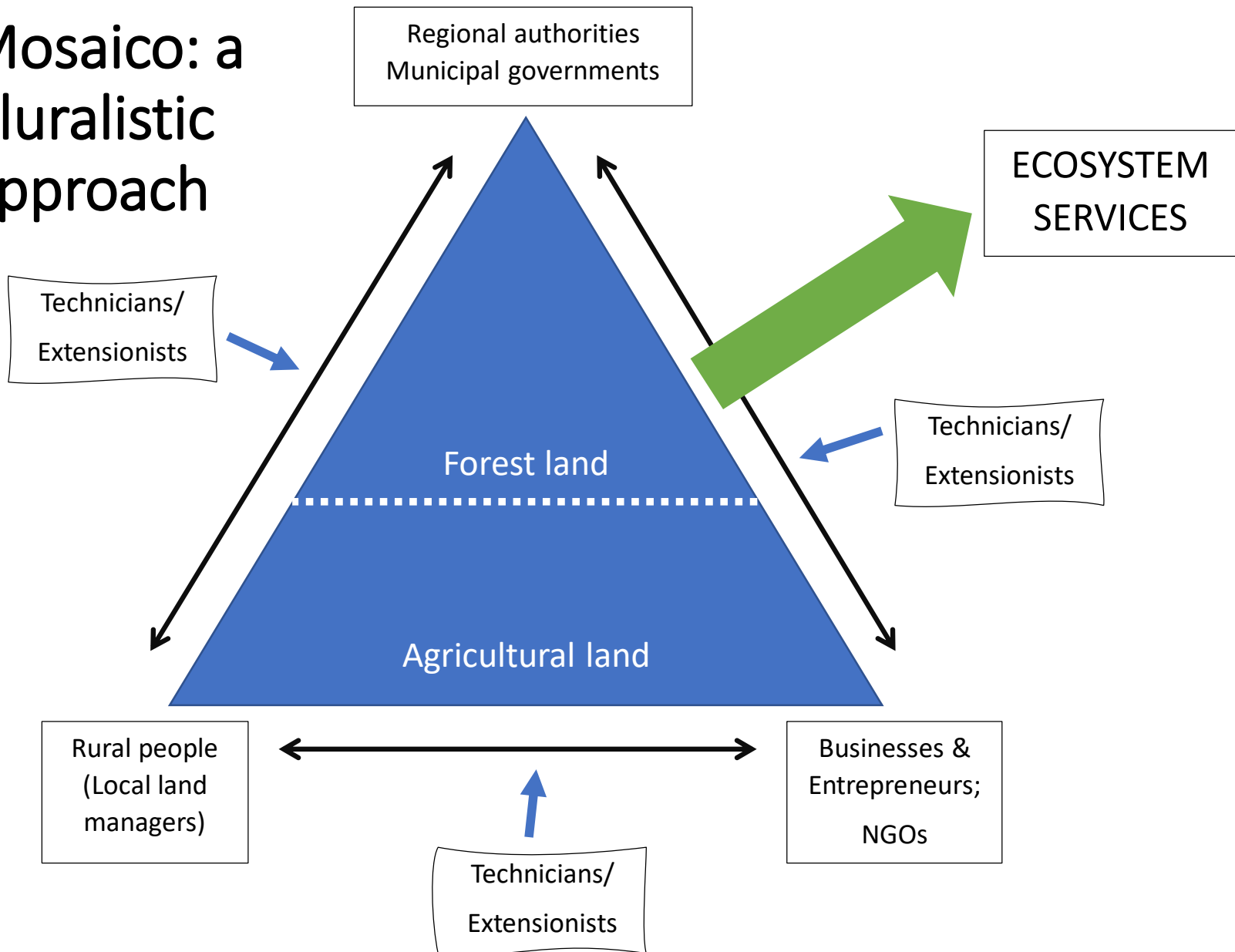
Wildfire (2015)



Are mosaic landscapes less prone to fire?



Mosaico: a pluralistic approach



Productive firebreaks → Fire Smart forest landscapes




MOSAICO
extremadura
www.mosacoextremadura.es

Producto elaborado con
leche ecológica de
explotaciones caprinas
que contribuyen a la
prevención de incendios
forestales



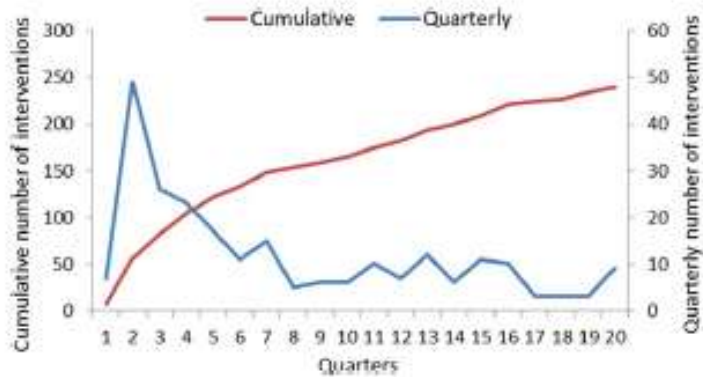
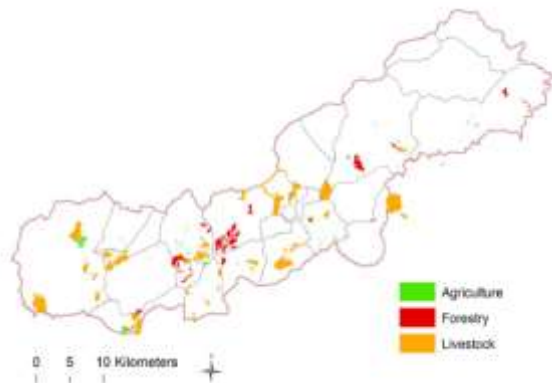


Fig. 2 Cumulative and quarterly number of proposals made by Local Land Managers from October 2016 to September 2021. Data for quarter #10 and quarter #11 were estimated from the total number of proposals received between #9 and #12

Fig. 3 Map of interventions implemented in the target regions by Local Land Managers in 2016–2021. Green, red and orange perimeters correspond to agricultural, forestry and livestock interventions, respectively



Proposals sent to:

- a) Web portal <http://mosaicoextremadura.es>
- b) Municipal governments



January 2017-september 2021:

250 proposals

- 124 agriculture
- 57 forestry
- 69 livestock

Proposals implemented: 94

Strengths of the Mosaico approach

- More than fire prevention:
 - Rural livelihoods/economy
 - Enhancing human and social capital
 - Improved natural capital
- Multisectoral
- Promoting land stewardship
- Collaborative natural resource management

Challenges

- Targeted agricultural/livestock initiatives are more effective but implementation difficult.
- Facilitation requires hard and soft skills (e.g., leadership; negotiation, communication, appreciation of local knowledge, etc.)
- Requires long-term political and institutional commitment (across administrations); appropriate, long-term financial incentives and infrastructure support.
- Adaptive management, sound monitoring and continuous learning requires change (in worldviews, values, rules) from all (but resistance to change is the norm).
- Removal of legal and administrative barriers (eg., rehabilitation of abandoned agricultural land encroached by natural forest vegetation)

SCALING-OUT



<https://cortafuegosproductivos.unex.es/>

Young farmers (resin tappers)



SUPPORTING MOSAIC LANDSCAPES

Wooded pastures



Extensive grazing



Young farmers (cork harvesters)?