FSD7-2022 Workshop

30 October to 3 November 2022, Marrakech (Morocco)

Results-based payments: a new tool requiring support decision tool to help adaptive management in complex silvopastoral systems

Teresa Pinto-Correia, Tiago Marques, Isabel Ferraz de Oliveira, Helena Guimarães, Maria de Belém Freitas

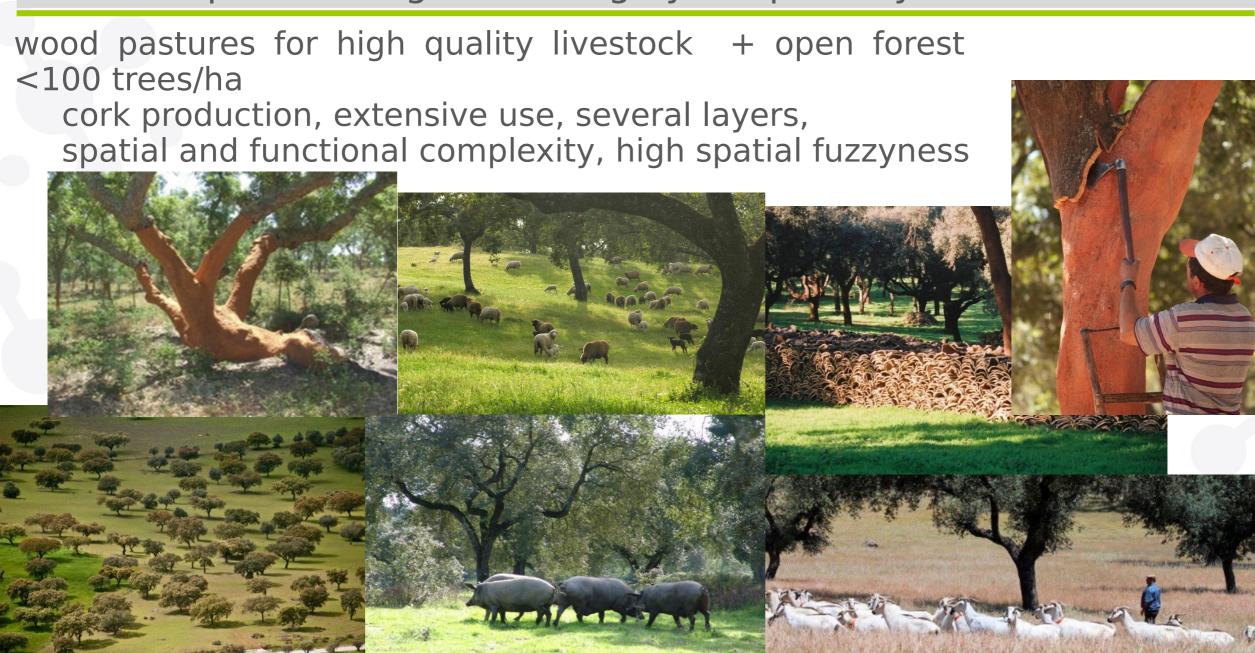
MED - University of Évora, Portugal mtpc@uevora.pt jtiagom@uevora.pt







A landscape resulting from a highly adaptive system

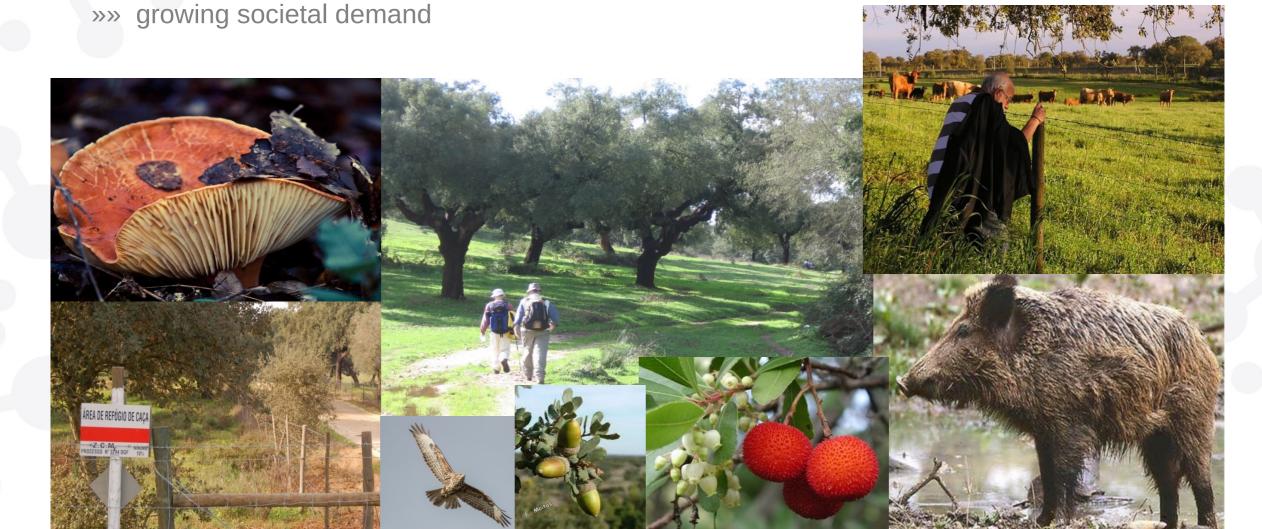


hot-spot of biodiversity + leisure + heritage

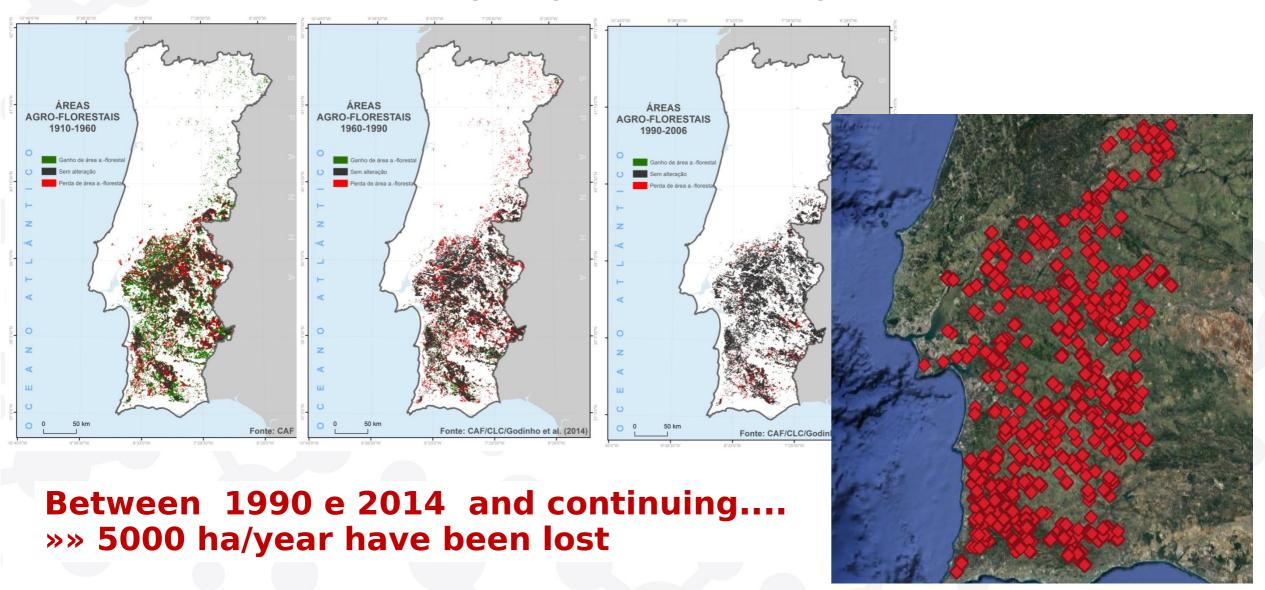
diversity of products & income sources

High Nature Value x Ecosystem Services provisioning

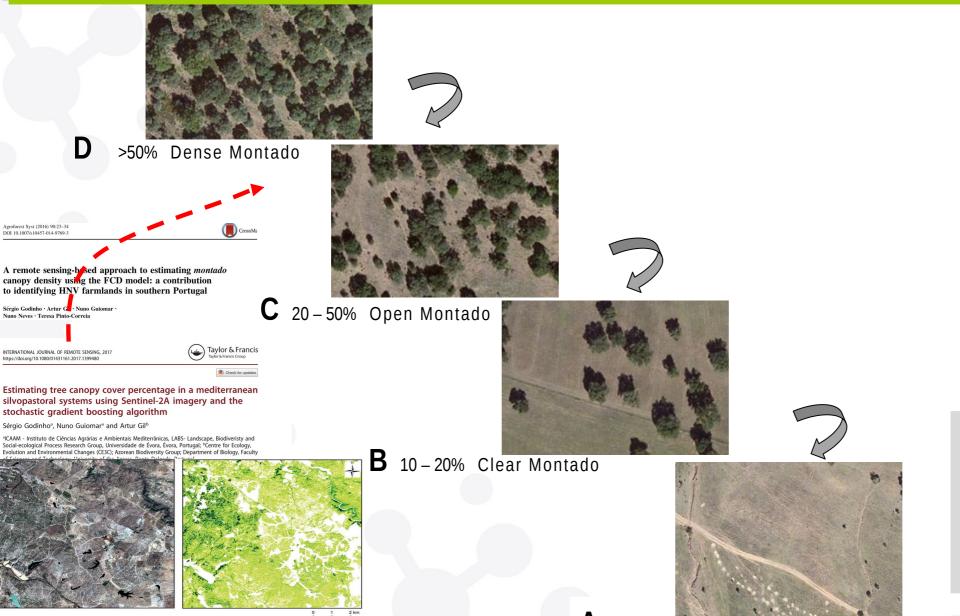
»» hunting, hiking, recreation, bird watching, identity, culture



As other silvo-pastoral systems, Montados are over-mature and suffer recruitment failure showing a significant shrinking and decline:



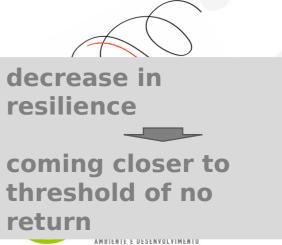
a step by step opening and reduction in area



< 10% Open Pastures







What can be done? ...looking for opportunities

2018 » EC announces more flexible and performance based CAP

»» emphasis shift from compliance and rules

towards results and performance.

Strategic plans » countries define how they want to meet the 9 CAP objectives using CAP instruments while responding to the specific needs of their farmers and rural communities.

CHAPTER IV - TYPES OF INTERVENTIONS FOR RURAL DEVELOPMENT SECTION 1, Articles 64 & 65
7. Member States may promote and support collective schemes and result-based payments schemes to encourage farmers to deliver a significant enhancement of the quality of the environment at a larger scale and in a measurable way.

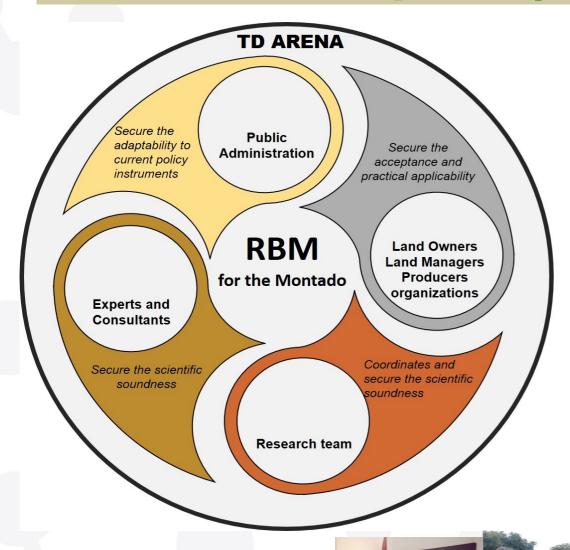
- »» place to innovate and experiment
- »» calls for NEW ways to incentivise farmers to deliver environmental benefits

Result Based Measures (RBM)

within the agri-environmental scheme, defined for specific and targeted farm systems rewarding farmers for going beyond mandatory requirements



1) a transdisciplinary (TD) arena



- Based on previous networks & projects
- A platform for dialogue among stakeholders » different actors & different skills
- Maintained and enriched throughout de co-construction process
- Based on tangible relations and shared goals & intangible links, values and inspirations.





Source: Pinto-Correia et al., 2021

2. selection of the environmental outcomes

»» room to link to the functionning of the system

The environmental outcome has to be clear and measurable:



Be dependent on the farm practices

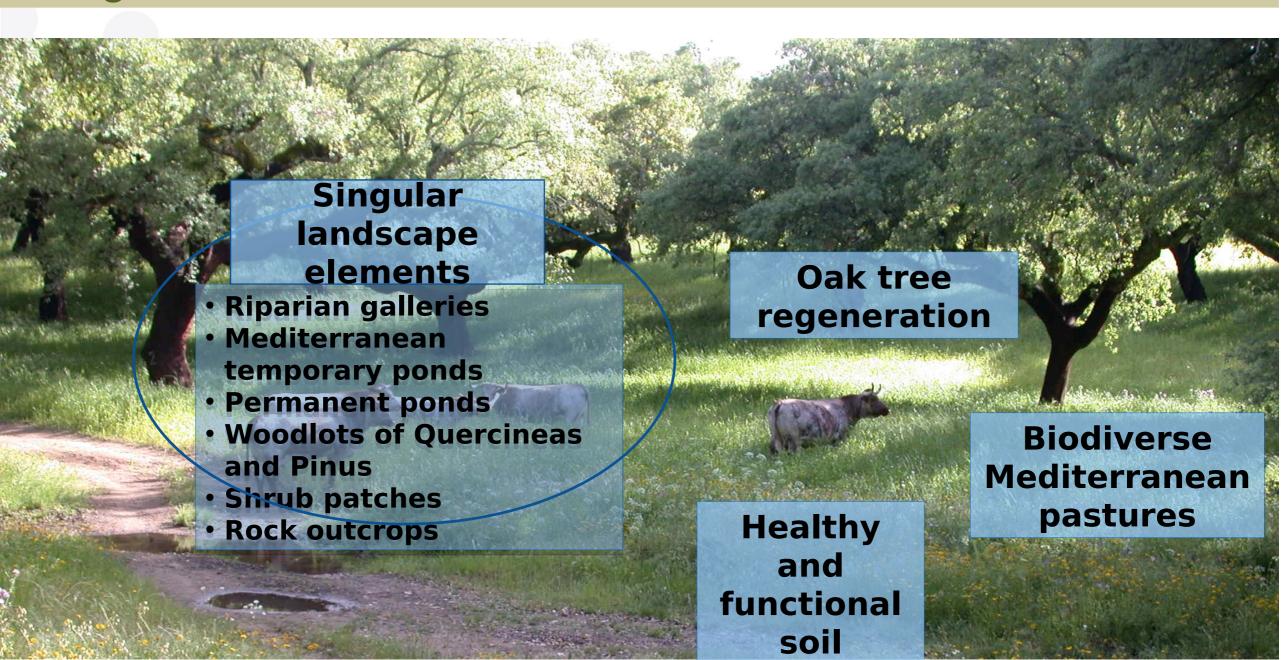


Be an objective of a **known conservation** state (conservation priority at National ou Regional level)



Be object of **scientific knowledge** that allow the selection of indicators for its evaluation.

= targeted environmental outcomes



3. selection of the indicators to measure these outcomes

Clear and measurable indicators have to be selected
Scientifically grounded and reflecting the environmental result

»» the contribution from the scientific community
»» in interaction with those that are going to use the indicators: farmers and technicians





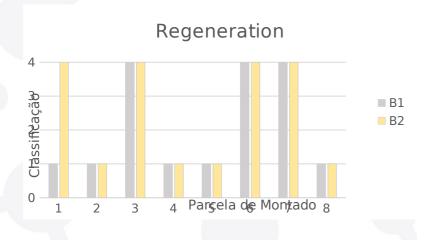


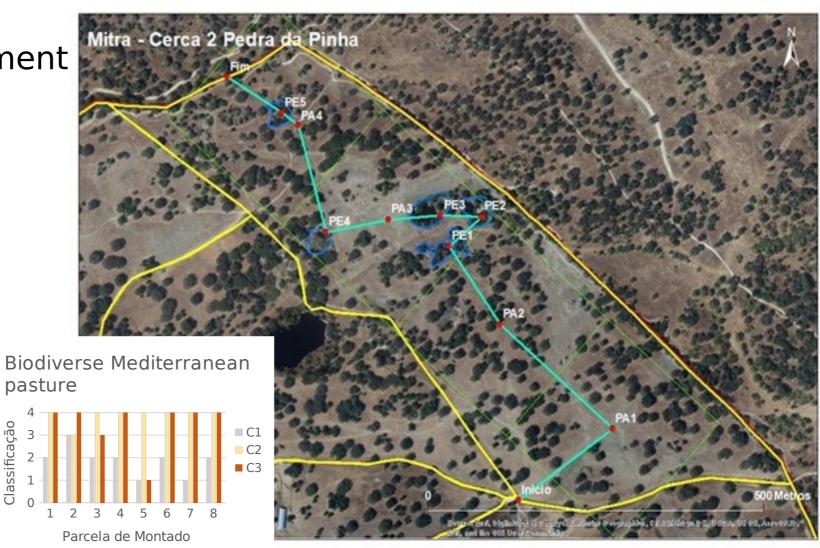
3. selection of the indicators to measure these outcomes

	Indicator	Environmental outcome
	A1 – Degree of soil cover by <i>Rumex</i> bucephalophorus and <i>Chamaemelum mixtum</i>	Healthy and functional soil
	A2 – Extension of bare soil	
	B1 - Density of tree cover regeneration	Oak tree regeneration
	B2 - Conservation status of regeneration	Oak tree regeneration
	C1- Balance among botanical herbaceous groups	
	C2- Degree of thistles cover	Biodiverse Mediterranean
	C3-Degree of shrubs cover	pastures
	D1 - Diversity of singular landscape elements	Singular landscape elements
	D2 - Representativeness of singular landscape elements	
	D3 - Conservation status of each singular landscape element	

4. the indicator assessment protocol »» and implementation

- ► Plot selection
- Definition of the assessment path:
- Assessment method for each indicator
 - Evaluation Guide





From place based co-construction to policy design

Researchers as organizers and linkage to policy makers » place attachment, network involvement, motivation

- » using a window of opportunity
- » integrating project funds for long distance goal
- » being RESILIENT » attention and dialogue in all steps

Strategic Plan of the Common Agricultural Policy in Portugal 2023-26

JUST RELEASED, including the Result Based Payments as "experiment":

Implementation in two pilot areas: Natura 2000, where conservation goals are identified Advisory and everyday support: by research organization & local association

Low complementarity with existing measures but high level of payments: added value of this option for farmers

Landscape elements as part of the requirements

