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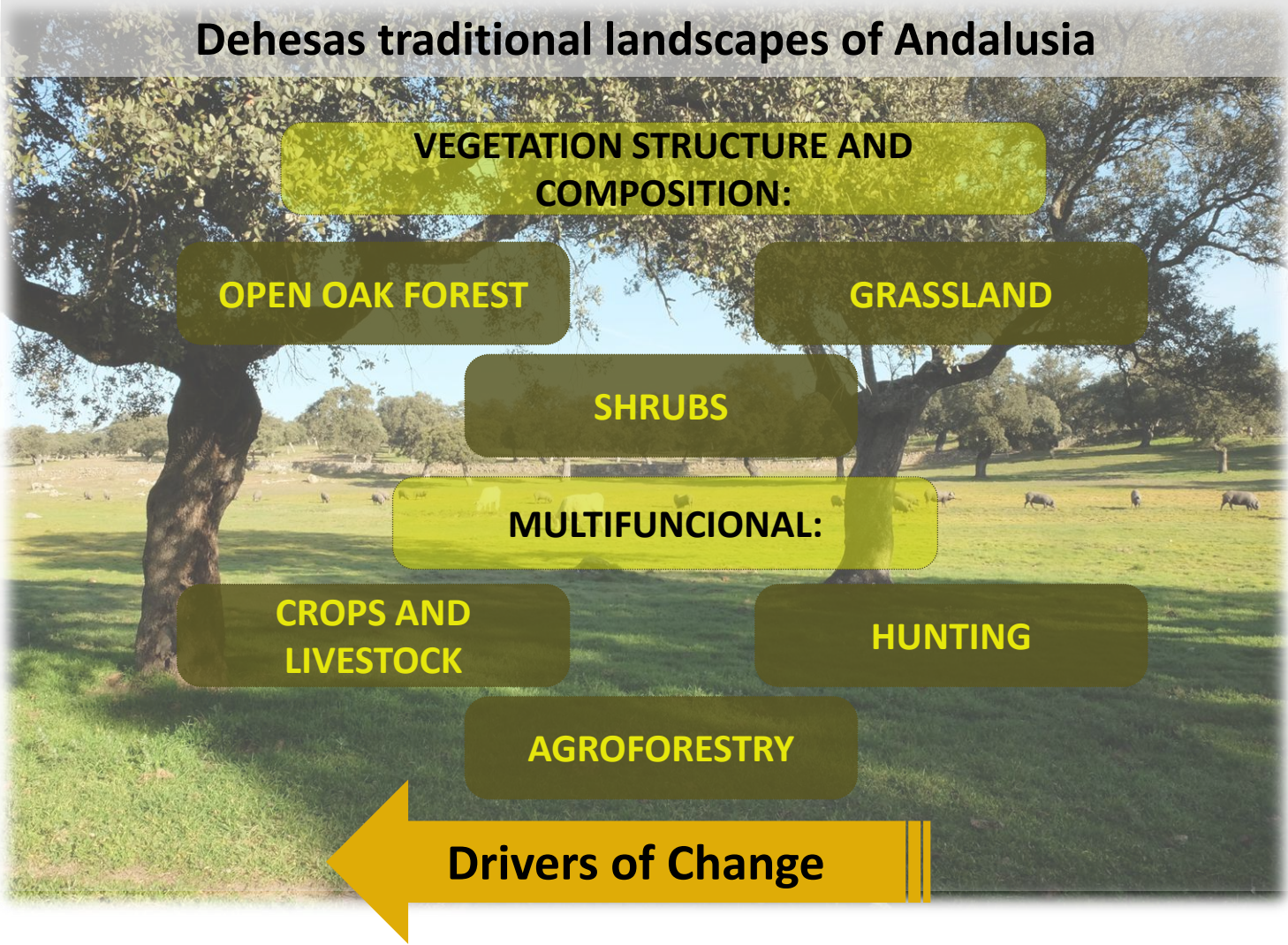
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The Life project bioDEHESA aims to promote the sustainable and integrated management of dehesas in order to improve the situation of biodiversity through the dissemination of demonstrational actions that address the main challenges related to their conservation.

INNOVATIVE AND DEMONSTRATIVE CHARACER OF THE PROJECT

MAIN ACTIONS:

Pilot Dehesas Network
Integrated Management Plan for Dehesas
Demonstrative conservation actions
Consultation and training program
Ecosystem Services Assessment



Ecosystem Services

Provision	Regulation	Cultural
Alimentation	Climate Reg	Cientific Knowledge
Water	Air Quality Reg	Local Knowledge
Biotic Raw Materials	Hydric Reg and Water Quality	Cultural Identity and Belonging Sense
Geotic Raw Materials	Erosion Control/ Morphosedimentary Reg.	Spiritual and Religious
Renewable Energies	Soil Formation and Fertility	Aesthetic Landscapes Enjoyment
Genetic Pool	Natural Disturbance Reg	Recreational Activities and Ecotourism
Natural Medicines	Biologic Control	Environmental education
	Pollination	

How Ecosystem Services in Life bioDehesa is helping to implement policy?

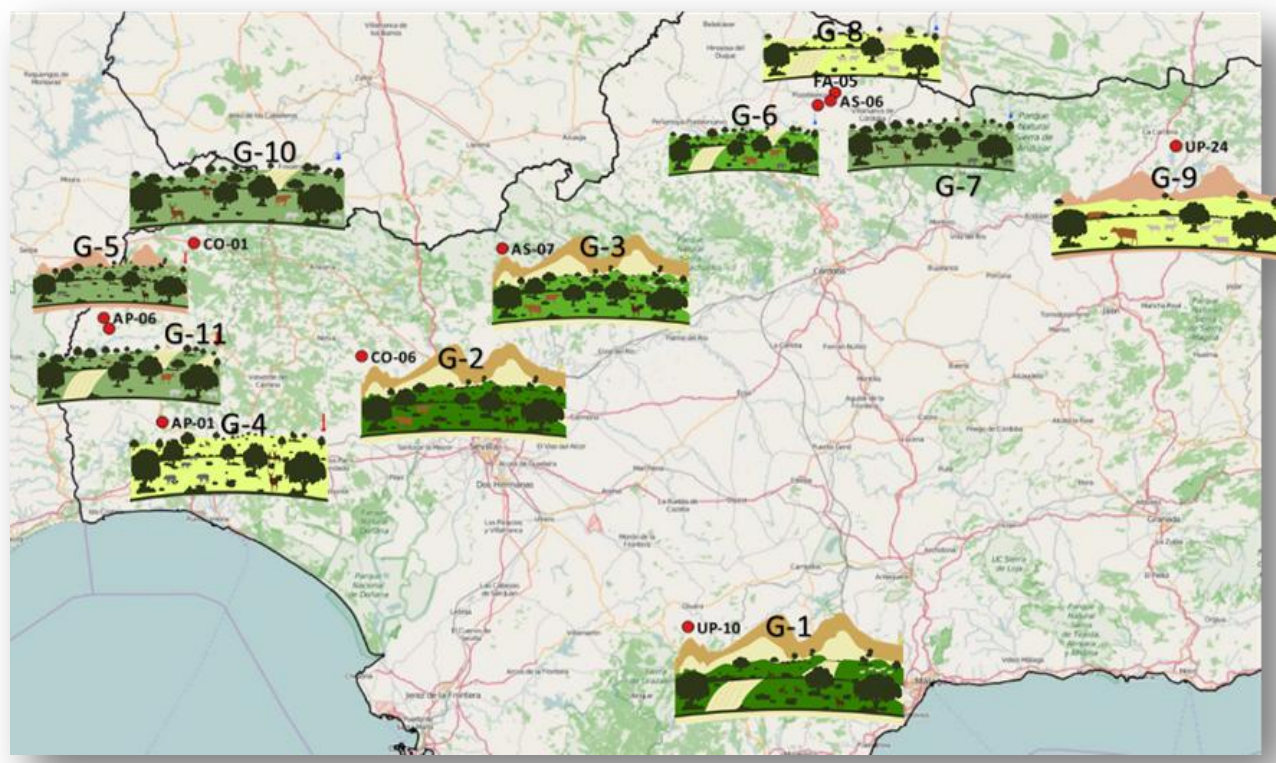
Establish a baseline on the state and trend of de Dehesas Ecosystem Services in Andalusia and its relationship with the drivers of change in order to support the Andalusian government decision-making process to conserve and prevent the degradation of our dehesas and the developing of the Andalusian Dehesa Law 7/2010

MILLENNIUM ECOSYSTEM METHODOLOGY

APPLICATION TO ESTATE SCALE

METHODOLOGY

Multidimensional Classification of Life bioDehesa Pilot Dehesas Network



Analysis of 11 Estates of the Pilot Network

22 Ecosystem Services

Features of each Service

Evaluation Criteria

Indicators

-Field Data
-Interviews
-GIS

DEHESA ECOSYSTEM SERVICES ASSESSMENT

RESULTS

Which ecosystem services have been put on value?

Economic viability is determined by Alimentation Service

Specialization and Intensification are drivers of change related to Alimentation Service

There are trade offs between Alimentation and the rest of the Services

Regulation Services have an important role on Dehesas with positive results on the different types of dehesas

Cultural services have a limitation for their analysis at estate level, since their action take at social scales

Estates	Alimentation	Water	Biotic R. M.	Geotic R. M.	Renewable E.	Genetic Pool	Climatic Reg.	Air Quality	Hydric Reg.	Erosion Control	Soil Formation	Natural Disturbances	Biologic Control	Pollination
G1	High	Medium	Very Low	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium
G2	Medium	Medium	Very Low	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium
G3	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium
G4	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium
G5	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium
G6	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium
G7	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium
G8	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium
G9	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium
G10	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium
G11	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium

ECOSYSTEM SERVICES ASSESSMENT
Very high
High
Medium
Medium-Low
Very Low

CONCLUSIONS:

Dehesas are a good example of compatibility between different types of ecosystem services and a model of ecological sustainability of human uses. At present the specialization of some specific products looking for profitability, threatens this interesting landscape and agroecosystem able to provide multiple services.