





Monitoring the conservation status of Mediterranean forest habitats through sound biodiversity indicators





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Key messages:

-  LIFE GoProForMED aims to enhance the conservation status of 4 forest habitats of the Mediterranean Biogeographical Region
-  The project applies close-to-nature management models across Spain, France, Italy and Greece
-  The project will link multi-taxon biodiversity data to stand structure and Tree-related Microhabitats
-  Using these data we will refine or redefine indicators of habitat conservation status and biodiversity-sustainable management



Introduction

-  The Mediterranean-European region includes an extraordinary number of tree species due to unique biogeographical features
-  Mediterranean forest habitats are unique and worthy of conservation efforts for both biodiversity and cultural values
-  Their conservation is jeopardized by the increasing incidence of extreme drought and fires related to changes in climate
-  Indicators of forest conservation state and sustainable management were tested mostly in central Europe

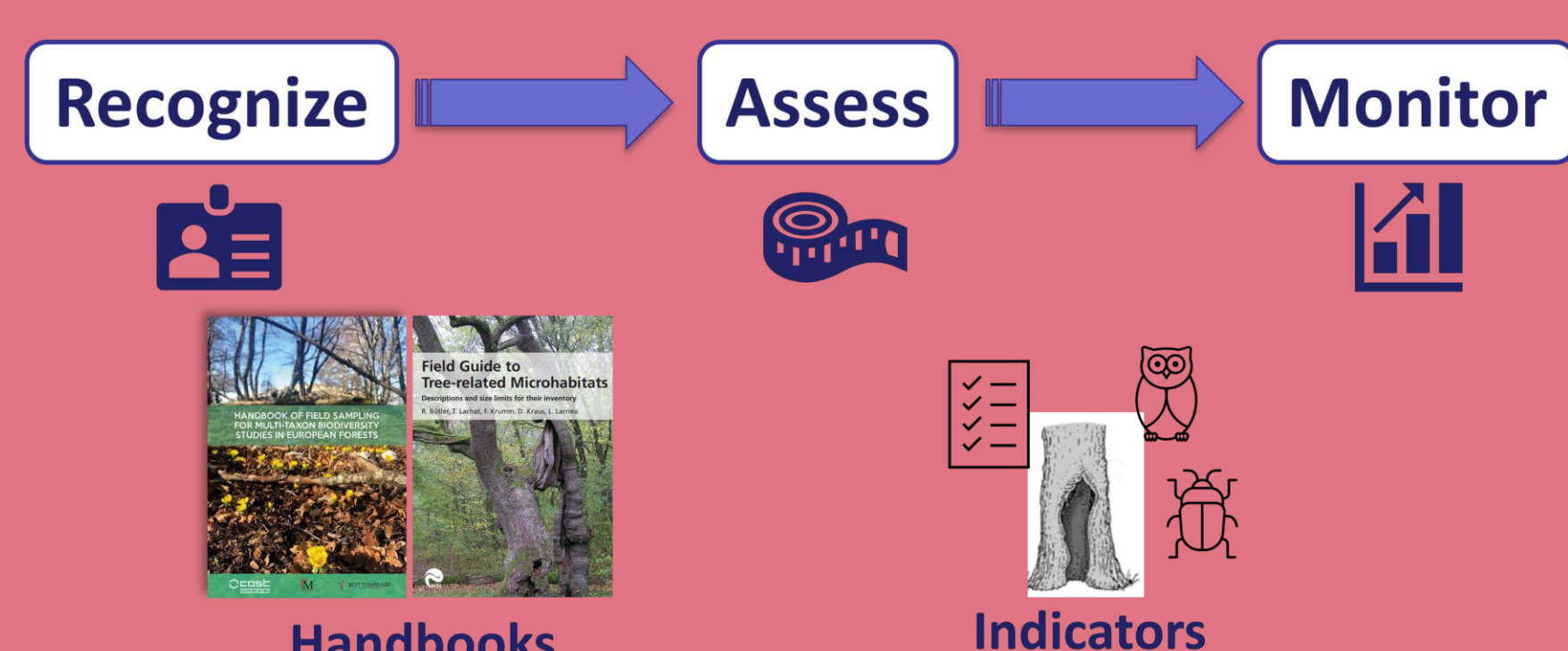
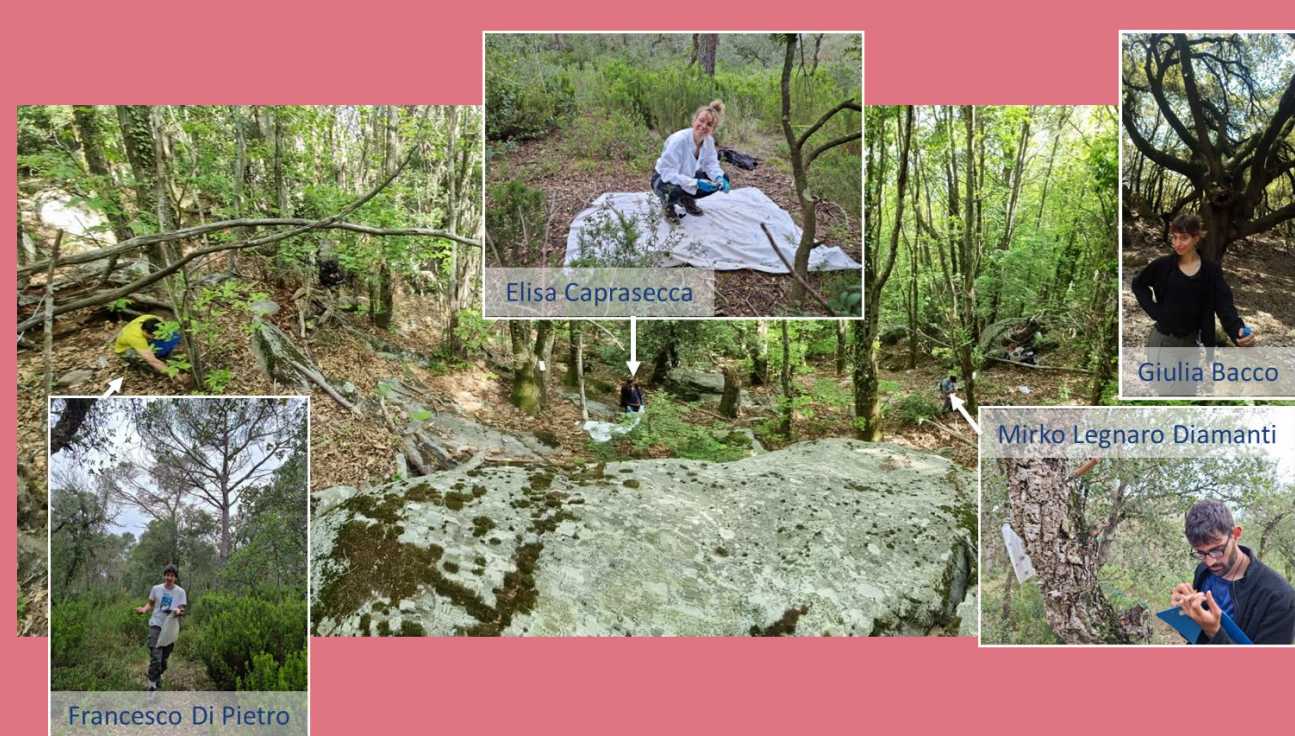
Objective



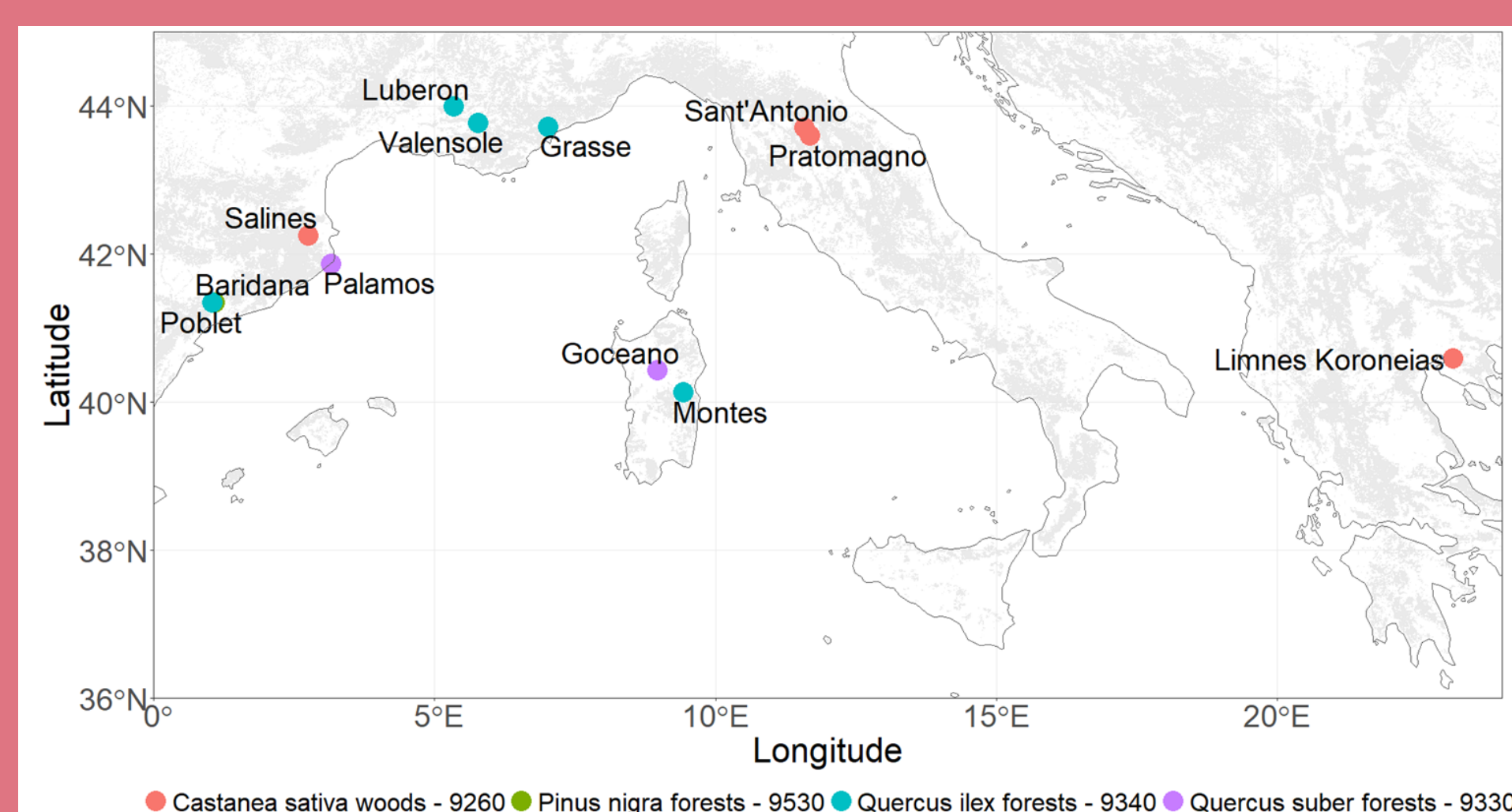
Define and promote transnational approaches to improve the conservation status of Mediterranean forest habitats

Materials

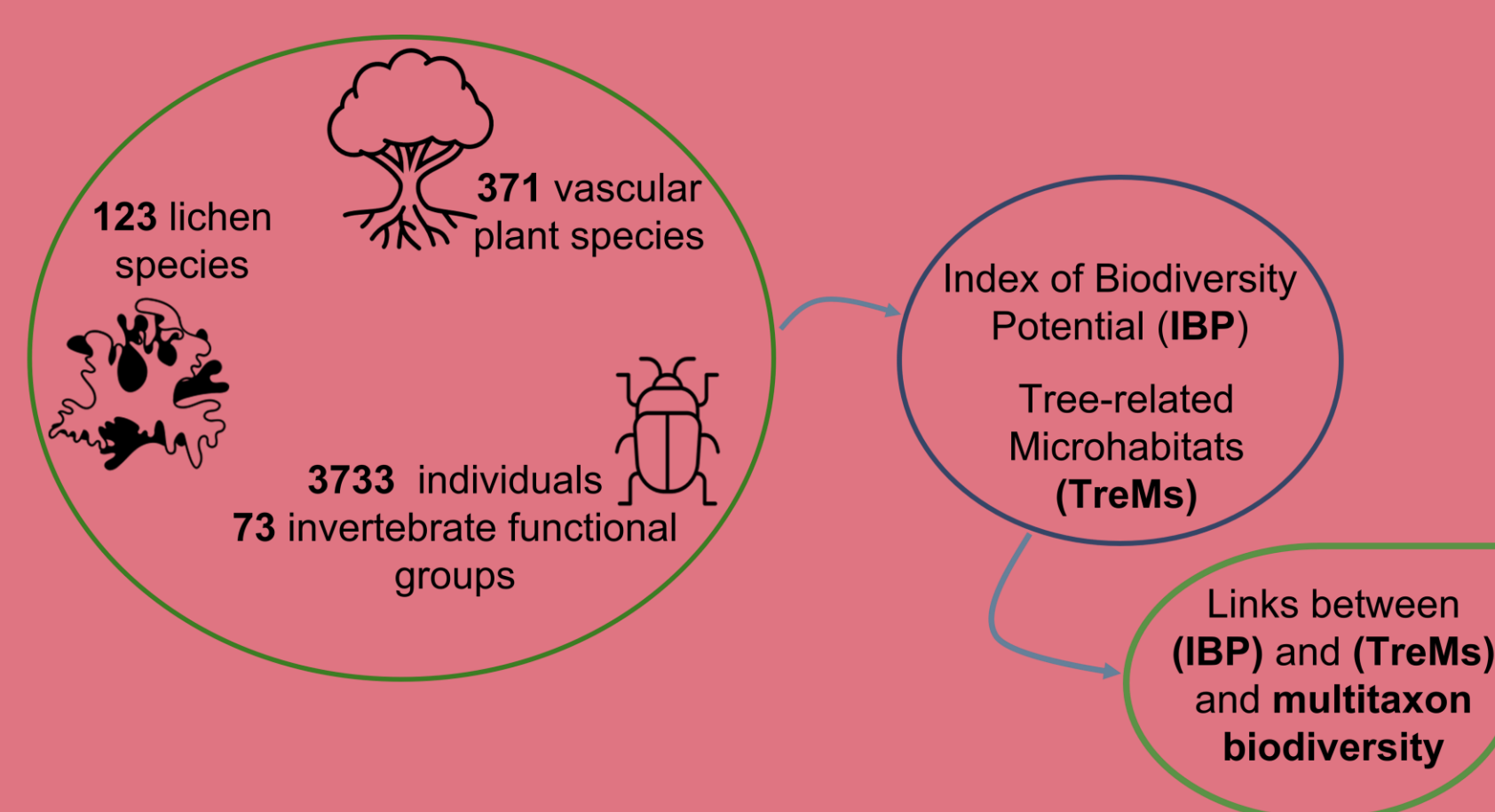
- 1 camper,
- 3 countries,
- 3 taxonomic groups,
- 4 graduate students,
- 12 sites,
- 72 sampling units,
- 487 species/functional groups



The project will provide transnational habitat interpretation manuals, status indicators and monitoring protocols



Distribution of the project site across the Mediterranean Biogeographical region



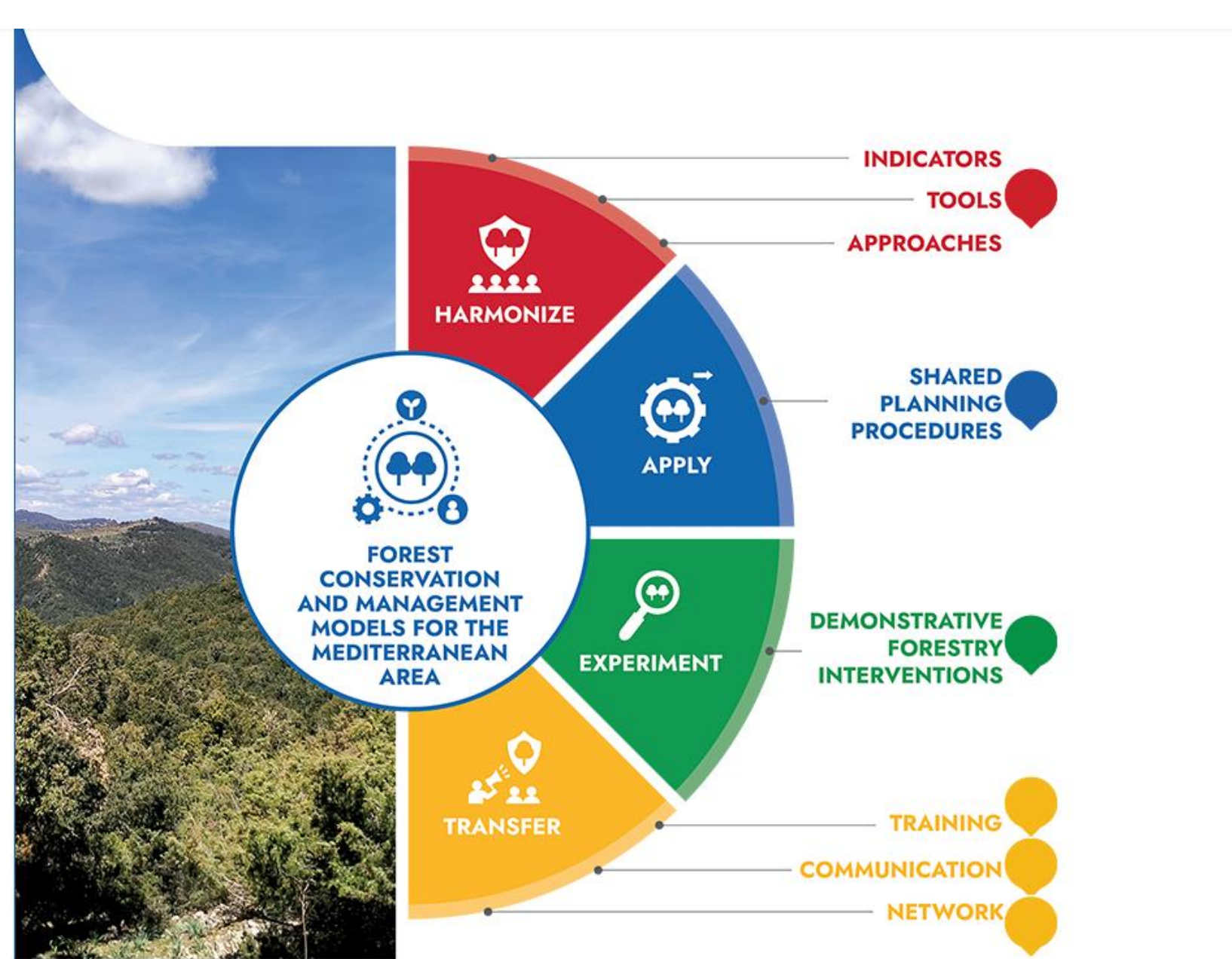
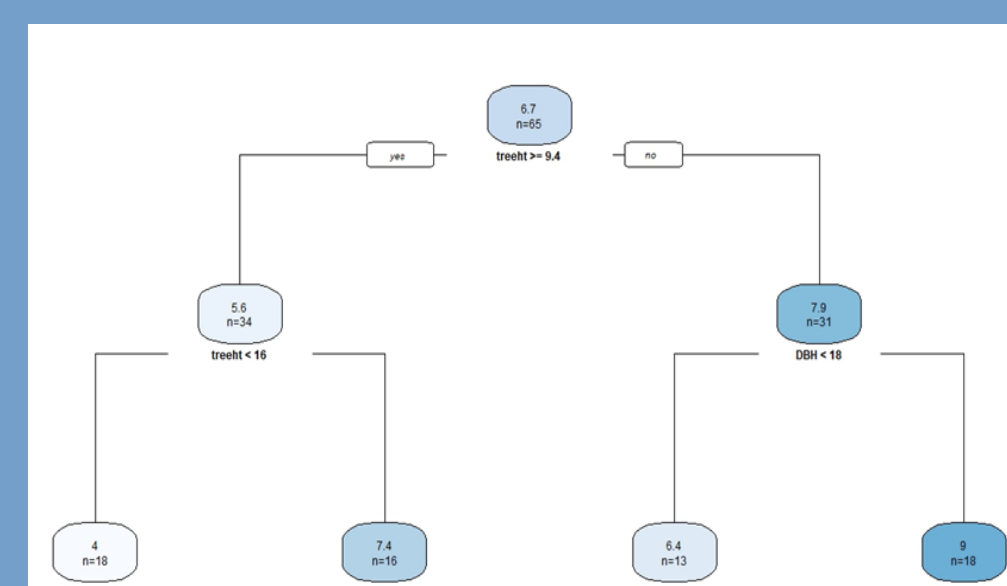
Biodiversity data are being linked to IBP and TreM values to calibrate and refine these indicators for the Mediterranean Biogeographical Region.

Coming soon

Regression trees to define threshold of structural attributes that favour:

- the abundance of habitats' diagnostic species,
- the functional diversity of invertebrates;
- the specie diversity of lichens.

e.g., epiphytic lichen diversity is maximum on trees with a high diameter/height ratio.



More info at:
www.lifegoproformed.eu/it/

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