

INTEGRATE –  
an European-wide network to  
enhance nature conservation in  
sustainably managed forests  
- Possible contribution to  
ecosystem payments

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# Why INTEGRATE

- **Conflict** between nature conservation experts and NGOs versus foresters about **segregation or integration approach** to nature conservation in forests
- Dispute over long time without real progress hence important to find a **platform to discuss solutions** with each other
- Standing Forestry Committee has following proposal by German and Czech Ministers established a European Network INTEGRATE
- Important: **science** needed to support solutions – **European Forest Institute** is one partner



Objective of INTEGRATE is to offer a platform to discuss:

- Overall topic: **effective and efficient integration** of nature conservation into sustainably managed forests in Europe
- Promote **cross- border** and **cross- sectoral learning and cooperation** on innovative and successful approaches to further integrate nature conservation, focused on **sound scientific basis** and **practical evidence**
- Promote **knowledge transfer** and capacity building on integration in all sectors involved
- Contribute to EU Forest Strategy, EU Biodiversity Strategy and Natura 2000



# Working modalities of INTEGRATE

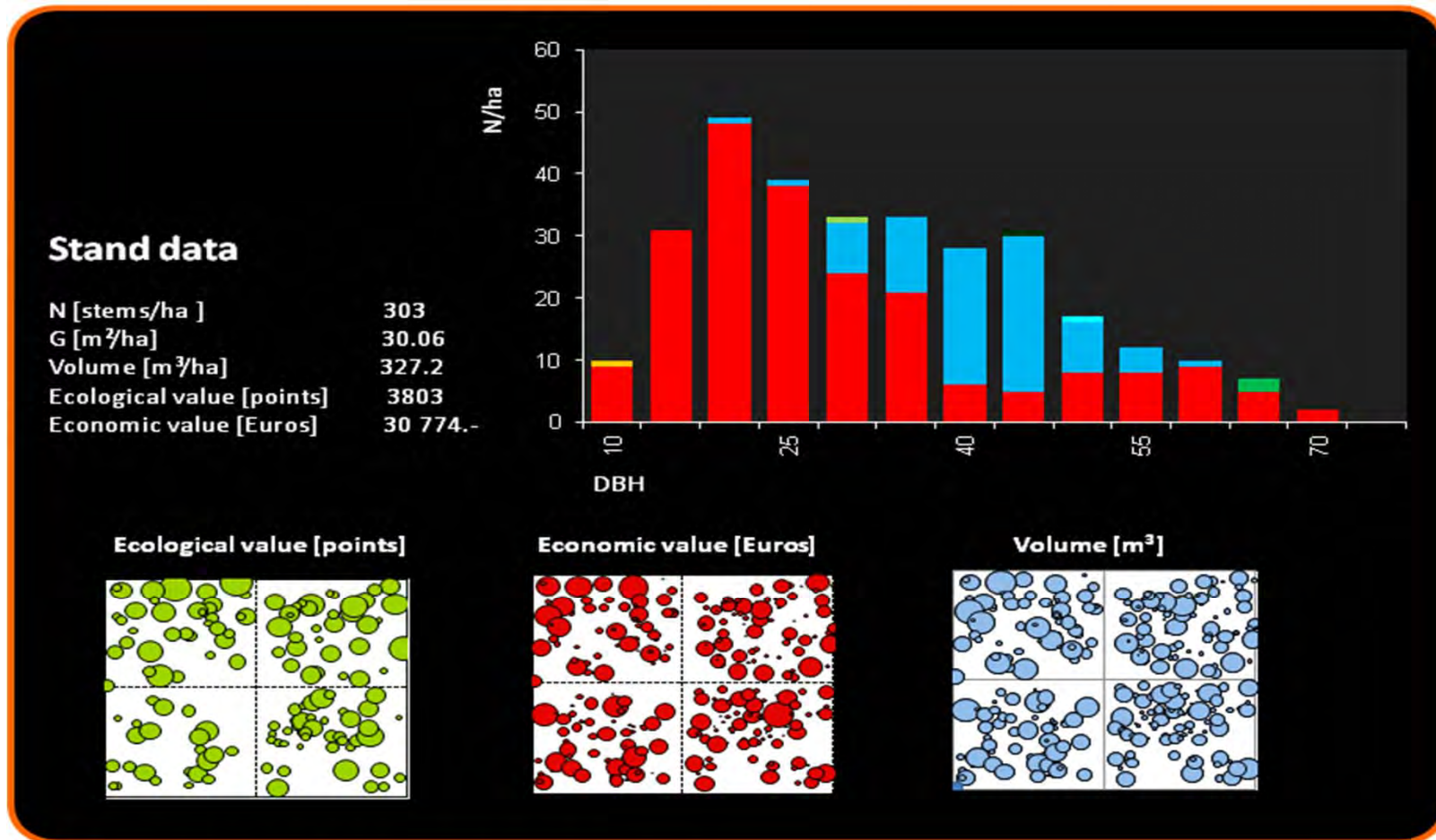
- Network is voluntary, works on an informal basis and builds on effort-sharing – foresters, nature conservation people, NGS and forest policy makers should meet
- National focal points in Germany: Ministry in NRW





# Scientific basis – Marteloscopes

A marteloscope is a rectangular forest area of 1 ha where all trees are recorded in an inventory and mapped. In combination with software for analysis and simulation, they are used for training silvicultural decision making



Stand summary, DBH-distribution, thematic map

# Microhabitats



**Depending on the time span needed to develop a Micro Habitat and depending on its scarcity of a Micro Habitat the ecological value is estimated**

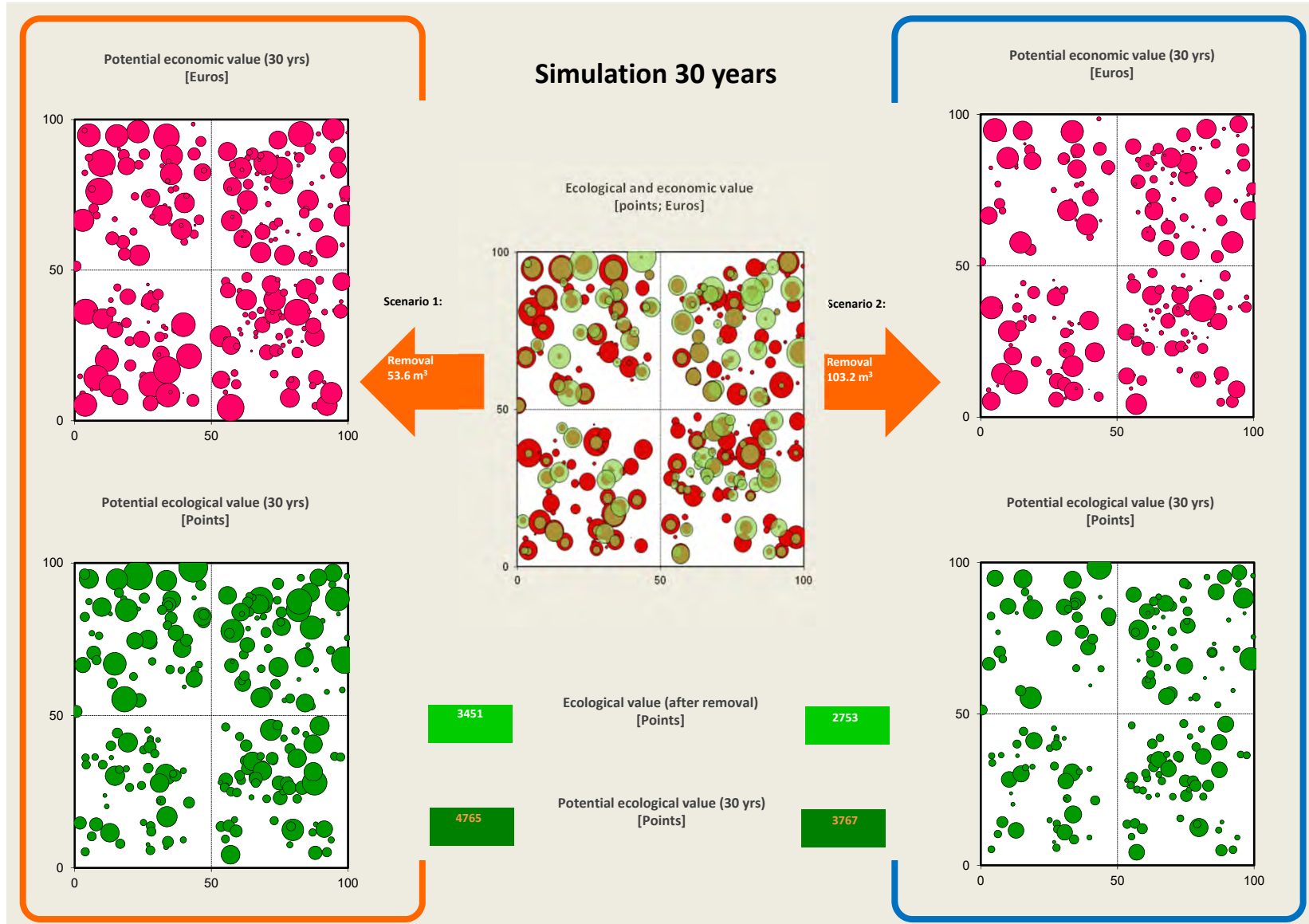
# Scientific basis: Microhabitat catalogue

## Catalogue of tree microhabitats

Reference field list

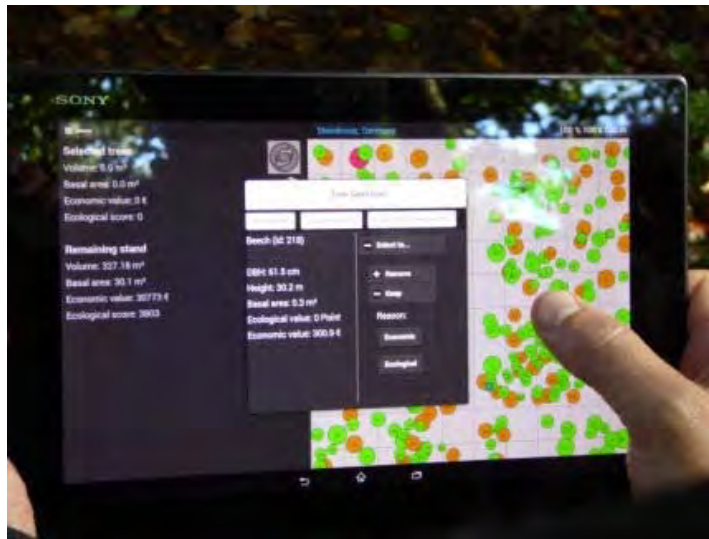


# Simulations using modern software tools

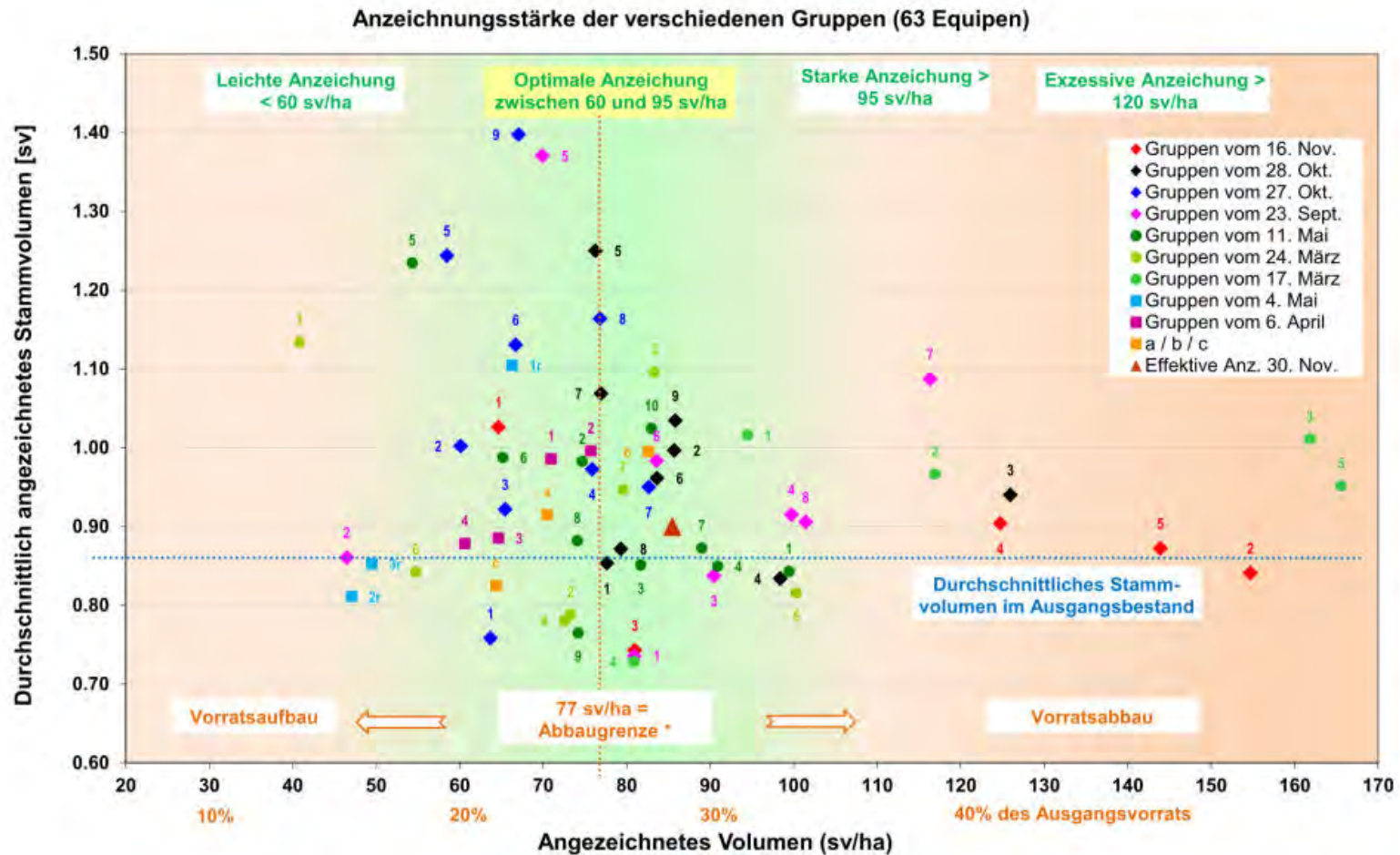




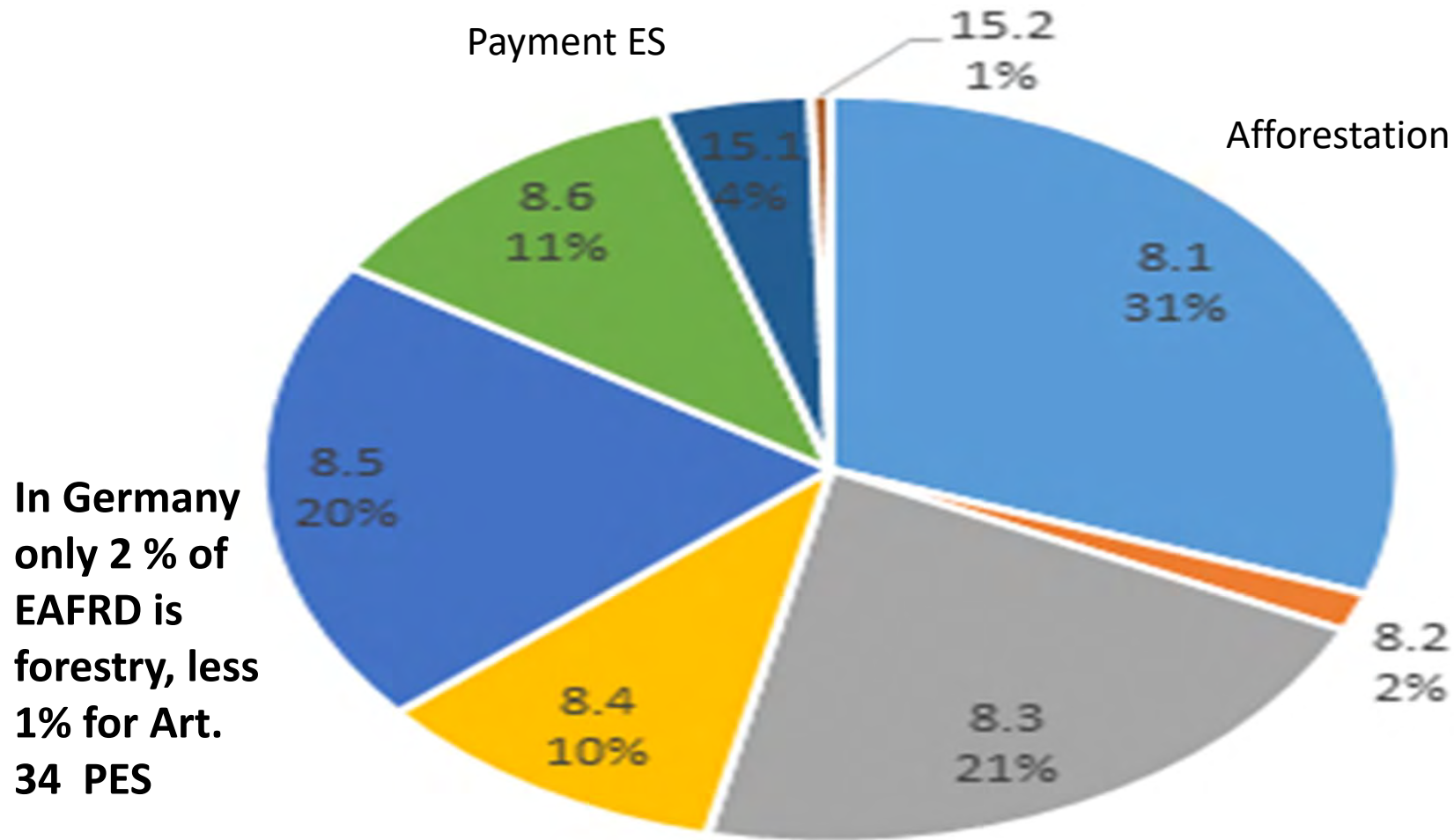
# Advantage: Discussion in the forests as part of the exercise



# Comparison between teams



# Total budget of forestry measures in EU at EAFRD funds (approx. 4%)



In Germany only 2 % of EAFRD is forestry, less 1% for Art. 34 PES

Data from Standing Forestry Committee



# National funding

- Gemeinschaftsaufgabe Agrarstruktur (GAK)
- Until now environmental measures (PES) in forests not part of the funding scheme, future development not clear?
- German Länder have own funding instruments for PES
- e.g. Bavaria, 90 € per tree left as dead wood, minimum 12 years, e.g. MVP minimum 6 habitat trees/ha, between 56 € and 165 € per year and ha)

# CAP past 2020

- On 1. June 2018, EU-COM presented legislative proposals for the CAP past 2020:
- “New delivery model”: more flexibility for MS to implement measures
- MS are currently evaluating new proposals
- Types of interventions for RD Measures are still
  - environmental, climate and other commitments (PES)
  - Area-specific disadvantages resulting from mandatory requirements (NATURA payments)
  - Investments

# Options of Marteloskop for PES

Possible to calculate for the Marteloskop area the economical value of a tree selected for retention (and thus the habitat value per point as average)

Research is needed to translate those habitat values to a general approach, data from national forest inventory are helpful in this respect





# Vision

## European Integrate Network in a few years

- European Integrate Network is a well known and respected platform for building consensus on balancing bioeconomy and biodiversity enhancement in forests and on integrating nature protection into sustainably managed forests.
- Integrative approaches are widely accepted both by forest owners/managers and by nature protection community.
- Methodology is further elaborated and simplified so that it can be easily applied by forest owners.
- **Data collected at Marteloscops could be basis for designing related payments for forest ecosystem services or RD forestry measures.**
- European Integrate Network is flexible enough to provide professional support to its members or various stakeholders upon request.





Thank you for  
your interest