



# **Form over function?**

## **The other drivers of forest management**

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# 1. Project introduction

- Sponforest
  - Spontaneous Forest Establishment in Europe
- INFORMAR
  - Integrated Forest Management learning Architecture



## 2. SPONFOREST case studies

- Spain (Theresa Frei and Carmen Rodriguez)
  - *Juniperus thurifera* in the Alto Tajo Natural Park (Fernando Valladares, MNCN)
  - *Quercus ilex* in the greater metropolitan area of Barcelona (Joan Pino, CREAF)
  - *Fagus sylvatica* in the eastern Pyrenees (Josep Maria Espelta , CREAF)
- France (Jakob Derks)
  - *Cedrus atlantica* in the future Mont Ventoux and Luberon Regional Park (François Lefèvre, URFM)
  - ***Quercus robur* in the Landes de Gascogne** (Hervé Jactel/Arndt Hampe, BIOGECO)

## 2. SPONFOREST case studies

- Different tasks:
  - Genetics (INRA)
  - Remote sensing (UNIQ)
  - ...
- Social / political aspects: EFI
  - Perception of changing forest cover
  - Impacts on livelihoods
  - Legislation
  - ...

## 2.1 Forest in the Landes de Gascogne



- Largest planted forest in Europe (10.000 km<sup>2</sup>)
- Mainly *Pinus pinaster*
- Spontaneous expansion of broadleaves

## 2.2 Quercus in the Landes de Gascogne

- Different oak species
  - *Quercus robur*
  - *Quercus pyrenaica*
  - *Quercus ilex*
  - *Quercus suber*
  - *Quercus rubra*



## 2.2 Perception of oak expansion

- Landes seem monotonous but are still multifunctional
- Differences between stakeholder groups
  - Hunters, conservationists, urban people
  - Foresters, wood industry, rural people
- People don't like change
- People reason on a human time scale (human memory)
- Various drivers of forest management apart from classic "economy vs. ecology"
- → few human decisions are completely rational!

## 2.4. Aesthetics

- Most 'visible' form of emotional drivers
- Less clear in Landes de Gascogne, more in Vaucluse, Pfalz, Catalonia,...
- Reasons?
  - Number/frequency of beholders
  - Local priorities
- Culture and history play a prominent role, f. ex.:
  - France – Germany
  - Vaucluse – Landes
  - Bedoin – Flassan
  - ...



# 3. INFORMAR case studies

- 'Integrate' marteloscope network
    - 42 sites and expanding
  - Aim:
    - Expanding marteloscope network
    - Performing case studies
    - → including more periferal regions



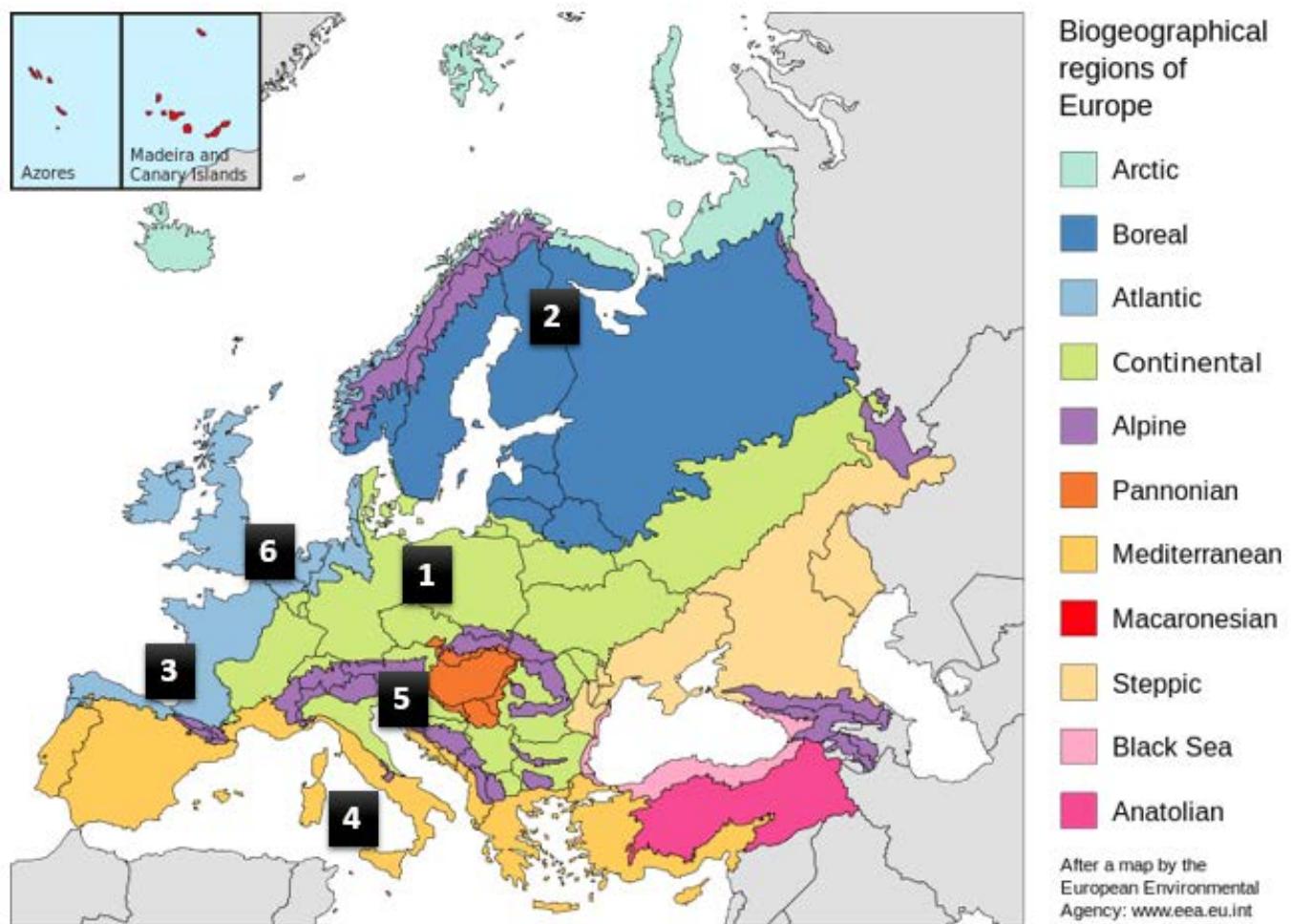
# 3.1 What is integrated forest management?

- In INFORMAR: biodiversity + wood production
  - Continuous cover forestry? (cf. Marteloscope network)
  - Retention forestry?
  - Wind and fire breaks?
  - ...
- Drivers and priorities are very different in different European regions
  - Wood production
  - Recreation
  - Nature conservation
  - Risk prevention and mitigation (fires, floods, erosion,...)
  - ...

## 3.2 Case study selection

	Even-aged mgmt./rural	Even-aged mgmt./urban	Selection forestry/urban	Selection forestry/rural
1.Close-to-nature forestry in <b>Central and Eastern Europe</b>				
2.Intensive forestry in <b>Northern Europe</b>				
3.Short rotation forestry in the <b>Atlantic region</b>				
4.Low-productive forestry in the <b>Mediterranean</b>				
5.Protection forestry in the <b>Alpine region</b>				

## 3.2 Case study selection



### 3.3 Case study selection

	Even-aged mgmt./rural	Even-aged mgmt./urban	Selection forestry/urban	Selection forestry/rural
1.Close-to-nature forestry in <b>Central and Eastern Europe</b>	Tuchola Forest, Poland	Brandenburg, Germany	Triple-city Forest, Poland	Steigerwald, Germany
2.Intensive forestry in <b>Northern Europe</b>	Lapland, Finland	Joensuu, Finland	Espoo, Finland	Joensuu, Finland
3.Short rotation forestry in the <b>Atlantic region</b>	Galicia, Spain? Minho, Portugal?	East Flanders, Belgium?	Zonienwoud, Belgium?	Dordogne, France? Landes de Gascogne?
4.Low-productive forestry in the <b>Mediterranean</b>	Vaucluse, France	Barcelona, Spain	Barcelona, Spain	Alto Tajo, Spain
5.Protection forestry in the <b>Alpine region</b>	Cf. OForest	Cf. OForest	Cf. OForest	Cf. OForest

### 3.3 Atlantic cases





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# Thank you!

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