



# evoltree

EUROPEAN PROJECT ON  
FOREST BIODIVERSITY

## EVOLUTION OF TREES AS DRIVERS OF TERRESTRIAL BIODIVERSITY

IS A LARGE EU-FUNDED NETWORK OF EXCELLENCE  
LAUNCHED IN APRIL 2006 TO ANALYZE THE IMPACTS OF  
CLIMATE CHANGE ON FOREST ECOSYSTEMS FROM AN  
EVOLUTIONARY PERSPECTIVE.



A Better understanding of the evolutionary history of forest trees can help us to predict how they respond to climate change. Forests are complex ecosystems and subsequently forest research needs to apply different approaches to gain a better understanding of how they function. The European forest research community has carried out numerous important studies on forest biodiversity. However, many institutes maintain overlapping research infrastructure and often carry out similar studies without coordination.



### EVOLTREE ACTIVITIES

**Integration**      **Research**      **Dissemination**

### MAIN ACHIEVEMENTS

**Virtual Laboratory Research Infrastructure**      **Adaptive diversity Intraspecific and ecological processes**      **Training Technology transfer International cooperation**

### MAIN IMPACTS

**Harmonization Synergy Excellence reinforced**      **New discipline: Ecosystem genomics**      **Spreading excellence Competitiveness EU policies and regulations Cooperation**

### STAKEHOLDERS

Policy-makers, scientific community, NGOs, conservation agencies, land managers, nurseries, forest agencies, seed companies, wood industries, certification agencies, biotechnological companies

### LOCATION OF THE EVOLTREE INTENSIVE STUDY SITES IN DIFFERENT FOREST ECOSYSTEMS

- **Boreal:** Punkaharju (Finland)
- **Temperate:** Solling (Germany)
- **Untouched:** Puszcza Świętokrzyska (Poland)
- **Riparian:** Loire (France)
- **Alpine:** Valais (Switzerland)
- **Intensively managed:** Landes (France)
- **Mediterranean:** Ventoux (France)

### EVOLTREE

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### EVOLTREE DISSEMINATION ACTIVITIES

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