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.

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 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

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EVOLTREE DISSEMINATION ACTIVITIES
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