

FOREVERT

« Sustainable Management of Cultivated Forests under Environmental and Technological Changes »

A proposal for an Integrated Project



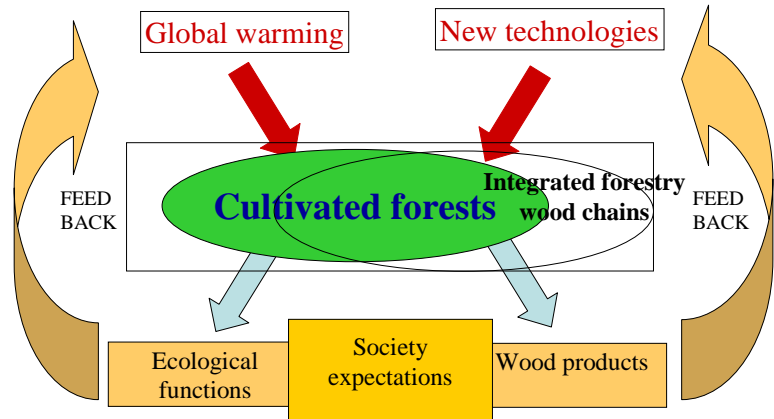
Project Coordinator: Jean Michel Carnus (INRA, France). Contact: carlus@pierroton.inra.fr
 Project Consortium Management: European Institute for Cultivated Forests (IEFC - www.iefc.net)



RATIONALE

Cultivated forests provide an increasing part of European wood resources and within the context of dynamic and integrated forest-wood chains they constitute vital engines of economic development. On the other hand, there is a growing concern among European citizens about the sustainability of cultivated forests and their perceived threat to nature.

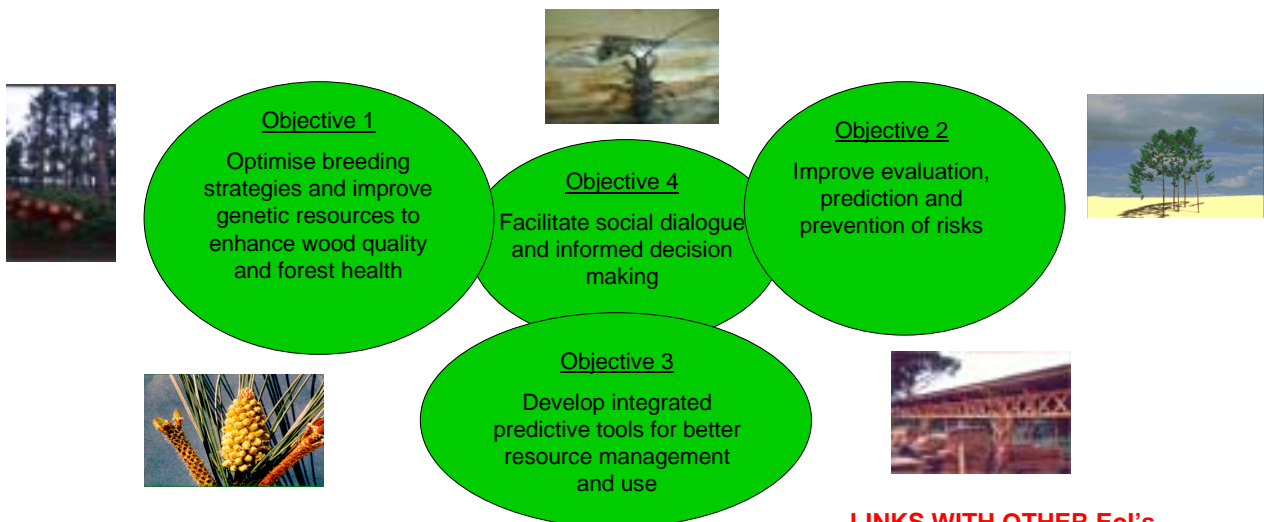
In this context, to achieve the sustainable development of cultivated forests and integrated forestry-wood chains, it is crucial that societal expectations and ecological impacts of technological innovations are better understood and assessed, and that pertinent management strategies and tools are developed in parallel. That's the purpose of the FOREVERT Integrated Project.



OBJECTIVES

The main questions that will be addressed concern:

1. The effects of changing environment and technologies on the sustainability of cultivated forests.
2. The development of environmentally-friendly and cost-efficient technological innovations in the production forestry sector.



GENERAL APPROACH

The proposal is based on a multidisciplinary and integrated approach. It concerns 5 major interrelated scientific themes and technical topics:

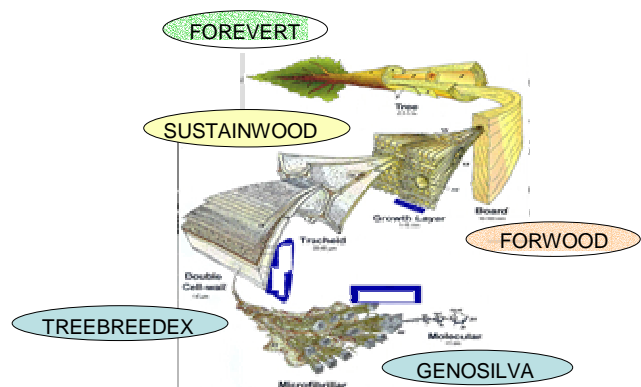
- (1) forest ecology and management;
- (2) tree breeding and genomics;
- (3) entomology and pathology;
- (4) wood quality;
- (5) socio-economics.

The Integrated Project will concentrate on key commercial tree species for wood production and the approach is twofold:

- (i) multi-scale integrated approaches from genes to raw material and from tree component to landscape and regional levels;
- (ii) output oriented approach towards sustainable systems and practices using environmentally friendly and socially acceptable processes and products.

Emphasis will be placed on the interfaces between disciplines and on the development of integrated outputs.

LINKS WITH OTHER Eol's



PARTNERS

BOKU (AU), Univ. of Bruxelles (B), ETH Zurich (CH), IFM Gottingen (D), BFH Grosshansdorf (D), Univ. of Freiburg (D), INIA (ES), NEIKER (E), Univ. of Santiago (E), Univ. of Malaga (E), Univ. of Helsinki (FIN), INRA (F), Afocel (F), Cemagref (F), CIRAD (F), CNRS (F), ENGREF (F), Univ. of Bordeaux (F), Univ. of Firenze (I), IBL (PL), ISA Lisboa (P), IBET (P), RAIZ (P), UCP (P), Skogforsk (SE), Univ. Of Uppsala (SE), Forest Research (UK), Univ. Of Wales (UK), Univ. Of Ulster (UK), Univ. Of Aberdeen (UK)

+ SME's