Deliverable summary D3.1

Standard protocol for sentinel plantations survey

Project acronym:	**HOMED**
Project full title:	**Holistic Management of Emerging forest pests and Diseases**
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Duration:	**48 months**
Project coordinator:	**Herve Jactel (INRA)**
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WP leader:	**CNR**
Lead beneficiary:	**CABI**
Partners involved:	**CABI, CAS, CNR, INRA, SLU, and WSL**
Version:	**01**

Dissemination Level	
PU Public	**PU**
CI Classified, as referred to Commission Decision 2001/844/EC	
CO Confidential, only for members of the consortium (including the Commission Services)	

1. Summary

Sentinel plants are a useful tool to identify unknown pests or damage that they may cause to native or otherwise valuable tree species prior to their introduction into a new country. Previous studies using sentinel plants have pooled data from multiple trees at single sites and trees were usually studied at single locations.

This Deliverable is a description of how sentinel plantings in HOMED will be set up in several European and non-European countries, including specifications of the number of trees per species that will be planted at a site. Tree species to be planted in each country are listed and how each of the participating institutions will collect data repeatedly from individual trees in a standardised way is specified, which should allow joint analysis and comparison of the results at the end of the project. The methodology will be described in a peer-reviewed publication at the end of the project.