



MANAGING THE INVASIVE THREAT TO EUROPE'S FORESTS

Locations

Europe

Dates

01/10/2018 - 30/09/2022

Summary

Over the last few decades, European trees and forests have experienced dramatic losses caused by introduced non-native invasive pests and pathogens. As part of an international project, CABI is developing cost-effective and environmentally friendly tools for the prevention, detection and control of the invasive threats to Europe's forests.

The problem

Human population growth and associated environmental stresses, are putting severe strain on Europe's forests. These delicate ecosystems cover 40% of the continent supplying millions of people with ecological, political, social and cultural ecosystem services, while having to cope with a number of environmental threats.

Most of the species affecting trees in Europe, such as chestnut blight and ash dieback, were harmless or even unknown in their region of origin but as they have continued to establish themselves, the threat they pose to current and future forest management objectives and ecosystem services has become increasingly significant.

New methodologies and approaches are needed for detecting, diagnosing and monitoring those threats, as well as their containment and control.

What we are doing

[HOlistic Management of Emerging forest pests and Diseases](#) (HOMED), funded by EU Horizon 2020 Research and Innovation, provides a full set of science-based, innovative practical methods and tools to assess and control emerging or invasive pests and pathogens threatening European forests. The research team involved comprises 23 partner organisations across 15 countries.

As part of HOMED, CABI is leading a work package for the development of tools and best practices to carry out safe and efficient biological control operations, as well as developing an early warning system to protect European forests from possible pest and pathogen invasions.

Donors

European Commission, Horizon 2020

Partners

Consortium of 23 partners (institutes, universities, organisations, and private for-profit entities) from 15 countries

CABI Project Manager

Lukas Seehausen



<https://www.cabi.org/what-we-do/cabi-projects/>