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-  United States Forest Service (USDA FS)



DURATION

October 2018 – September 2022

PROJECT COORDINATOR

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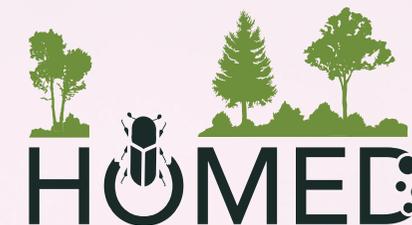
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The HOMED project (HOListic Management of Emerging forest pests and Diseases) receives funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 771271.



HOLISTIC MANAGEMENT OF EMERGING
FOREST PESTS AND DISEASES

HOW TO PROTECT FORESTS BY IMPROVING THE MANAGEMENT OF EMERGING AND INVASIVE FOREST PESTS AND DISEASES?

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SUMMARY

Forests are the largest ecosystem in Europe. Representing about 40% of the total land area, they provide many goods and services for human well-being. These include not only marketed products such as timber, but also ecosystem services of high ecological, political, social and cultural value, such as mitigating climate change, maintaining air and water quality and conserving biodiversity.

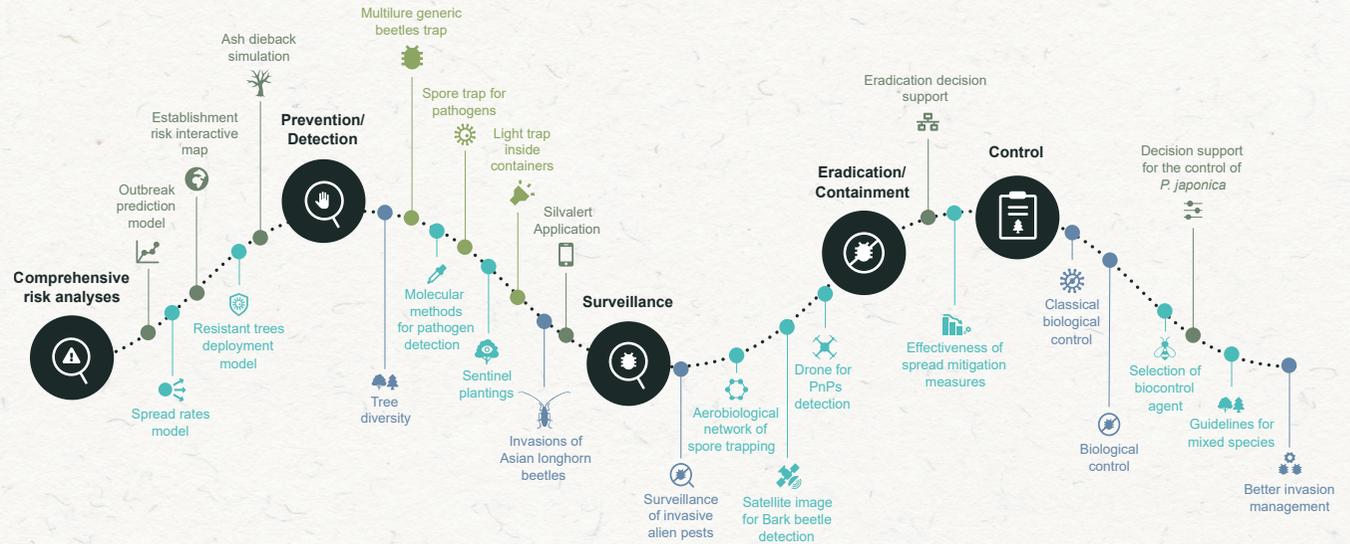
In the last decades, a growing number of introduced non-native pests and pathogens (PnPs) have been causing dramatic losses to European trees and forests. The exponential rates of introduction and establishment of non-native PnPs in Europe are clearly linked to increasing global trade and global warming.

SOLUTIONS

Adopting a holistic and multi-actor approach, HOMED developed a full panel of scientific knowledge and practical solutions for the management of emerging native and alien invasive PnPs threatening European forests.

HOMED considered forest health broadly, including trees not only in forests, but also in nurseries, urban and rural areas due to their key epidemiological role. By swiftly adopting current cutting-edge technologies, HOMED made innovations an integral part of its new tools for PnPs management.

HOMED'S KNOWLEDGE HUB



To transfer the generated results and help forest stakeholders, HOMED developed its own Knowledge Hub, hosted on the project's website. There, you can follow the path of emergence or invasion and find out the available tools and information adapted to each phase. You can click on the icons to access just the right materials for your needs: online tools with an interactive interface, descriptive sheets of developed prototypes, graphical abstracts popularising scientific results and policy briefs providing policy recommendations.

RESULTS



+60 scientific publications



6 educational videos



10 graphical abstracts



6 policy briefs



+15 practice abstracts



9 tools

...and more to come soon



Visit
HOMED's Knowledge Hub
via the QR code:

