

Developing and assessing surveillance methodologies for *Agrilus* beetles



Funding

Mixed funding mechanism. Each funder only pays for the participation of their own national researchers. Total funding € 334 000

Research consortium

Defra (GB), BFW (AT), ILVO (BE), JKI (DE), Univ-Orleans (FR), GODZIS (SI), APHIS (US), CFA (CA), Insectronics (GR)

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Goals

With the exception of emerald ash borer (*Agrilus planipennis*) there is relatively little information published within the scientific literature on surveillance and monitoring protocols for the wood-boring beetles of the *Agrilus* genus. However, across Europe and North America there have been scattered trials and research projects undertaken in the past decade, along with anecdotal evidence of current ongoing research programmes that have started to investigate methodologies for capturing and assessing *Agrilus* species in a variety of contexts. The Euphresco project aims to consolidate the European/North American studies that have been conducted on different *Agrilus* spp.

Objectives

The main objectives of the project are:

- To consolidate information on protocols implemented in national surveillance and monitoring programmes for *Agrilus* beetles
- To design and evaluate species-specific and generic *Agrilus* traps and lures
- To validate detection methods, including vibroacoustic detectors