



INNOVATIVE ECO-FRIENDLY TRAPS FOR THE CONTROL OF PINE LEPIDOPTERA IN URBAN AND RECREATIONAL PLACES

ENVIROMENTAL PROBLEM TARGETED

Pine Processionary and Pine Lappet are common species found in the pine woods of north, central and southern Europe that are major economic pests causing human and pet health problems (allergies, skin illness, etc).

Current methods to control infestations have limitations and/or they are expensive. This project aims to demonstrate and improve monitoring and control using new methods combined with traditional systems applied in urban or recreational areas in 4 countries (Spain, Italy, UK and Greece), where large-scale aerial or targeted insecticide application is not possible.



OBJECTIVES

- Decrease populations of pine Processionary and pine Lappet in "demonstration areas".
- Significantly reduce irritating injuries and allergic reactions.
- Deploy traps with minimal visual effect that are non-damaging to other forest animals and plants.
- Optimize an innovative trunk barrier device for easy installation and removal. Improve the design and efficiency of pheromone traps.
- Study efficiency of Mating Disruption (MD) techniques.
- Fulfill Directive 2009/128/CE: rational use of chemical pesticides.
- Transfer knowledge to forest pest control authorities, town halls, neighbourhood associations.



BENEFICIARIES

Asociación de Investigación de Materiales Plásticos y Conexas – AIMPLAS (Spain) | Benaki Phytopathological Institute (Greece) | Forest Research, Forestry Commission (UK) | Regione Molise (Italy) | Sansan Prodesing S.L. (Spain) | University of Molise (Italy) | University of Thessaly (Greece)

PROJECT DETAILS

LIFE13 ENV/ES/000504 | Duration: 01/07/2014 – 30/06/2017

Status: On-going | Total eligible budget: 1.108.232 €

EU contribution: 554.116 € (= 50%)

PROJECT CONTACT DETAILS

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