



Start: january/ 2017

## Practical problem

*Acacia dealbata* and *Hakea sericea* are two important fire-adapted invasive plant species in Portugal. Prescribed fire is a fuel management technique used to prevent forest fires. Unaware use of fire can promote plant invasions but an informed use may help solving this problem.

## Partners

### Type:

Research /Teaching  
Agri Association  
  
Agri enterprise

### Name:

Instituto Politécnico de Coimbra  
Associação Florestal do Baixo Vouga  
Associação Florestal do Pinhal  
GreenClon Lda  
SFERA Ultimate Lda  
Silvokoala Lda  
Vumba SA

## Project

### Objectives:

To study the two-way relationships between fire and the two target invasive species. To develop best-practices to use fire as a fuel-management tool in invaded areas and as an ecosystem-management tool to control plant invasions. To disseminate the obtained knowledge among stakeholders.

### Expected results:

Advanced knowledge on the fire ecology of invasive plants. A characterization of fuel models associated with the two species. A characterization of fire behaviour in invaded areas. The possibility of forecasting the risk of invasion in burned areas. A guide of best practices for the use of fire in invaded areas, to be distributed among managers and other stakeholders.

### Results so far/first lessons:

There are no results so far.

### Who will benefit:

Forest managers and forest owners.  
Forest companies and service suppliers.  
Training and teaching institutions.