

**□** Current main pests

**□** Looking to the future

□ Tackling uncertainty

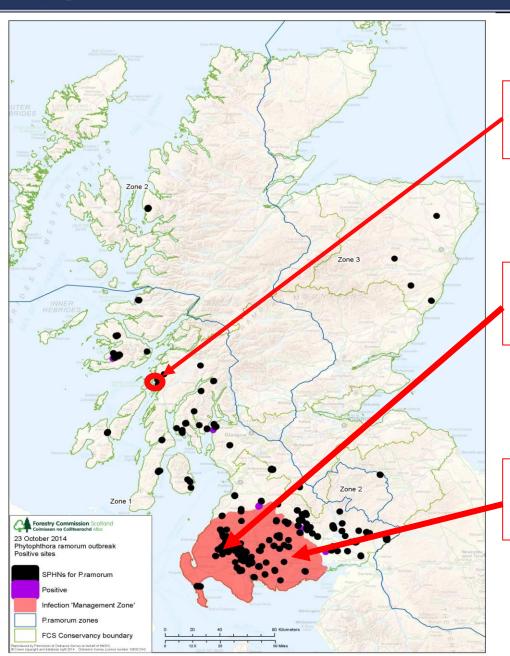
**□** Keeping things in perspective

**□** Current main pests

■ Looking to the future

□ Tackling uncertainty

**☐** Keeping things in perspective

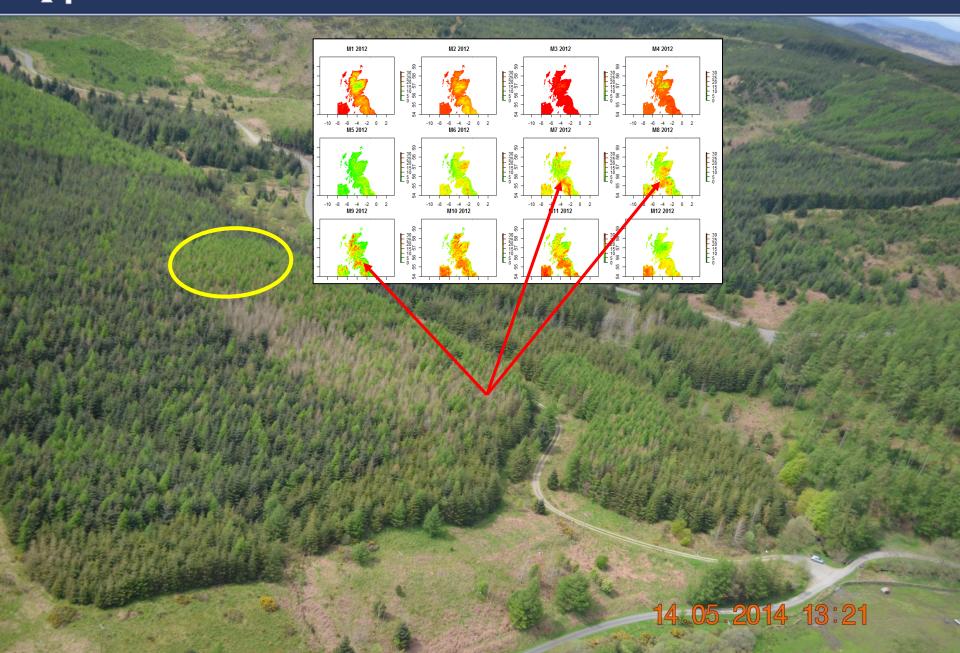


1<sup>st</sup> finding on larch in Scotland November 2010

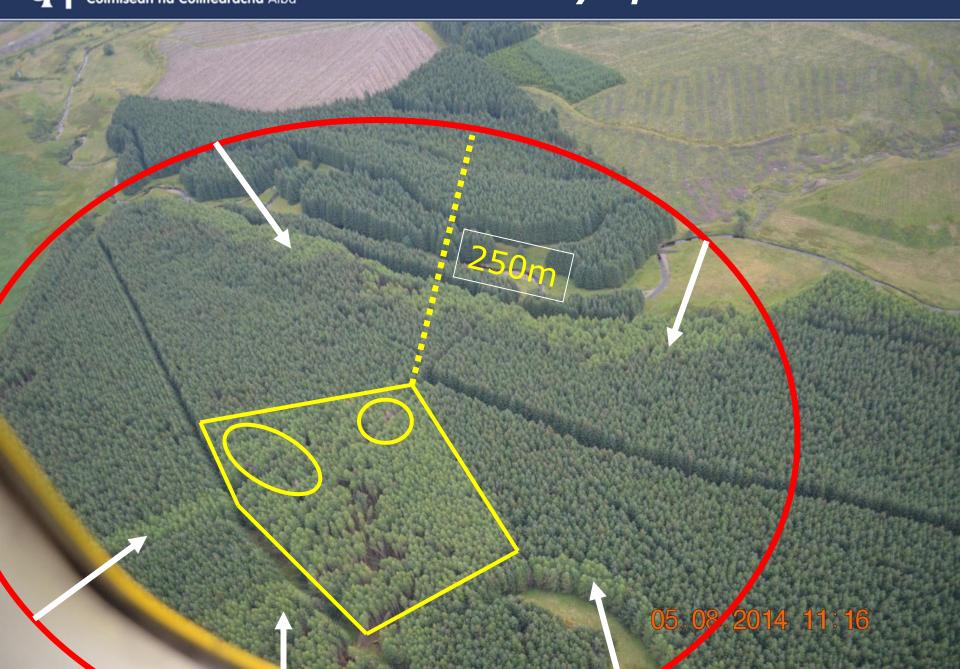
EU2 lineage identified (2011)

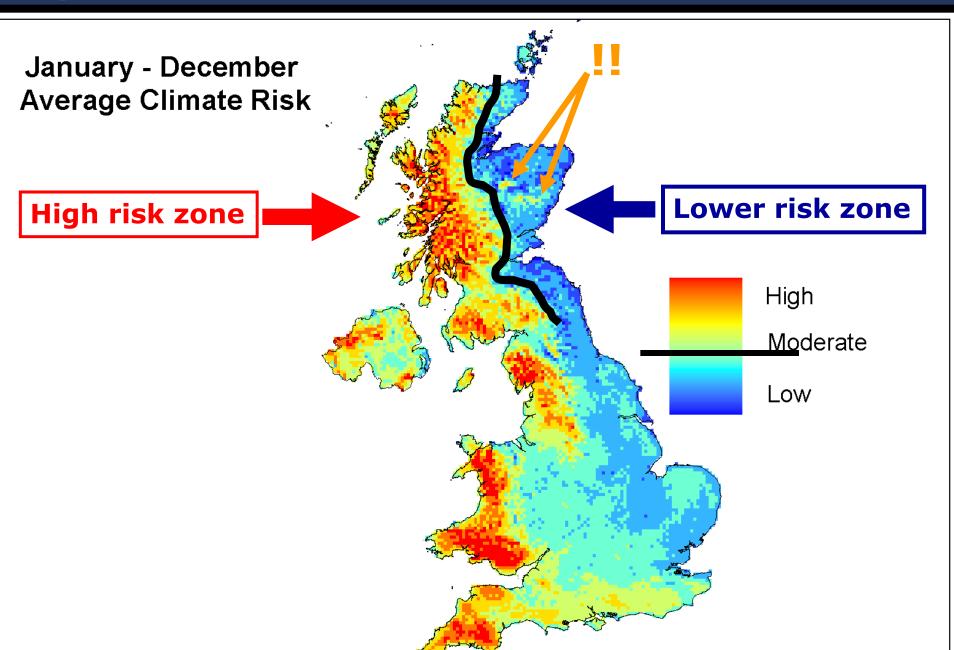
Surge in spread/impact (2013)



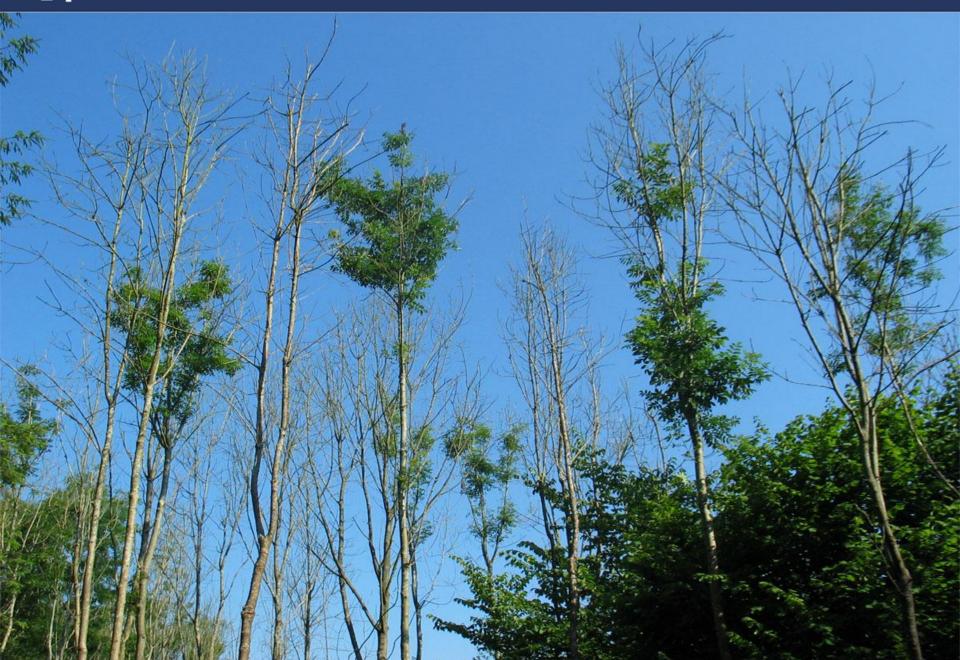




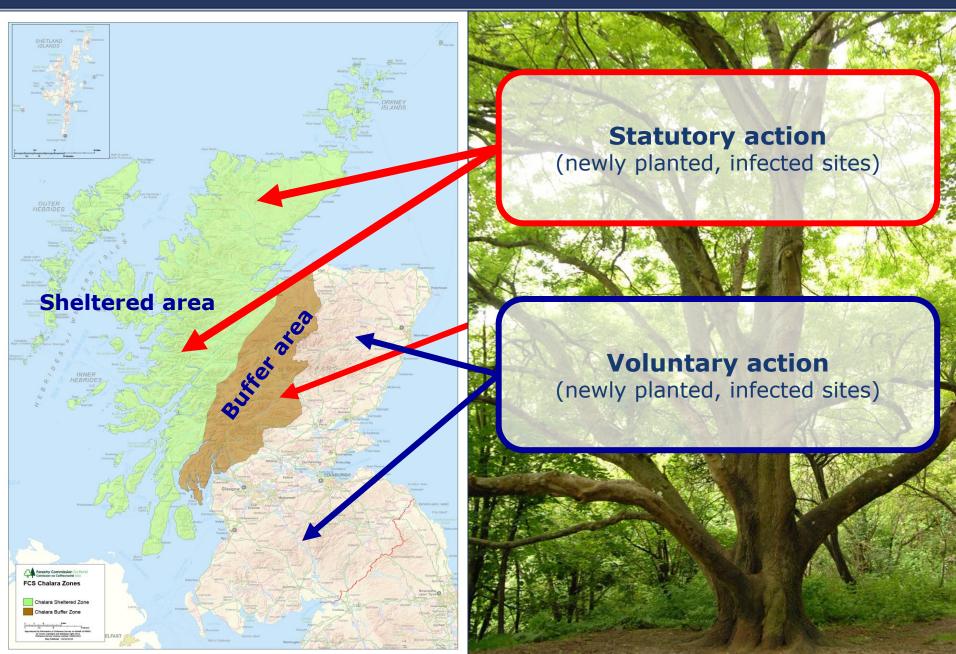




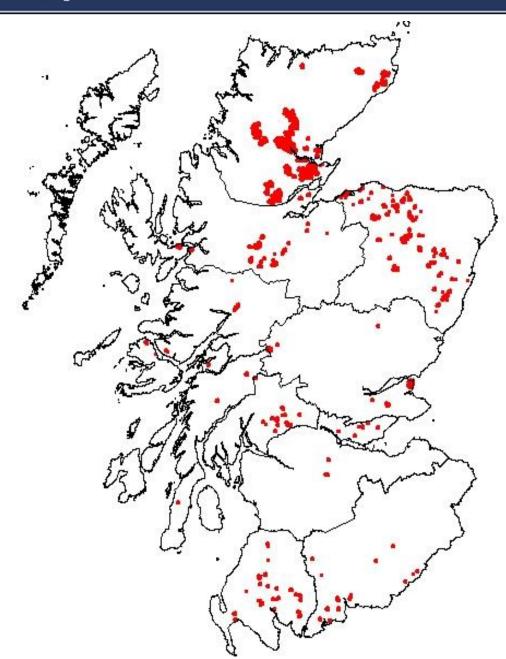
## **Chalara dieback of ash**



#### Chalara dieback of ash



## **Dothistroma needle blight**



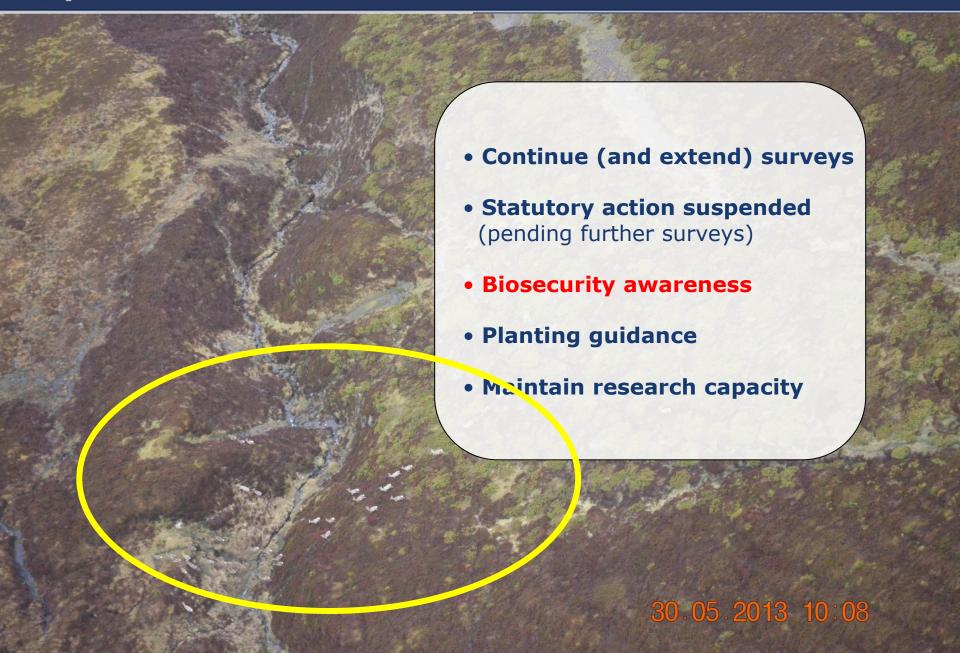
86 (out of 129) *Pinus* species known to be susceptible

#### **Dothistroma needle blight**

#### **Key actions**

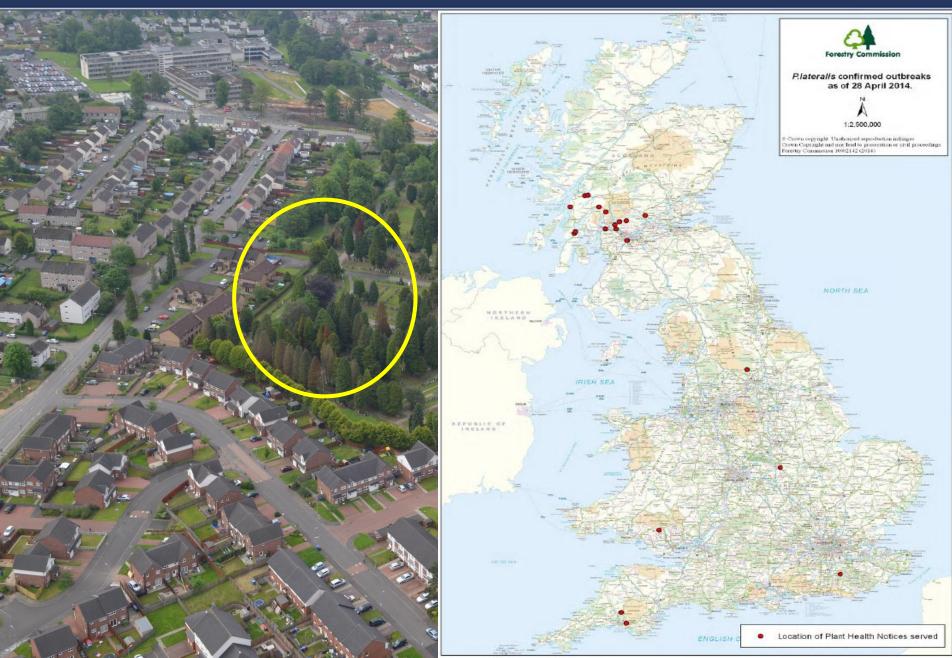
- Training, surveys and nursery inspections
- Presumption against pine planting in CPI sites
- Encourage removal of high inoculum loads
- Encourage thinning
- 'Toolbox' development
- Aerial application of fungicide trials
- Maintain research capacity (e.g. susceptibility, treatments, epidemiology, modelling)

#### Phytophthora austrocedrae

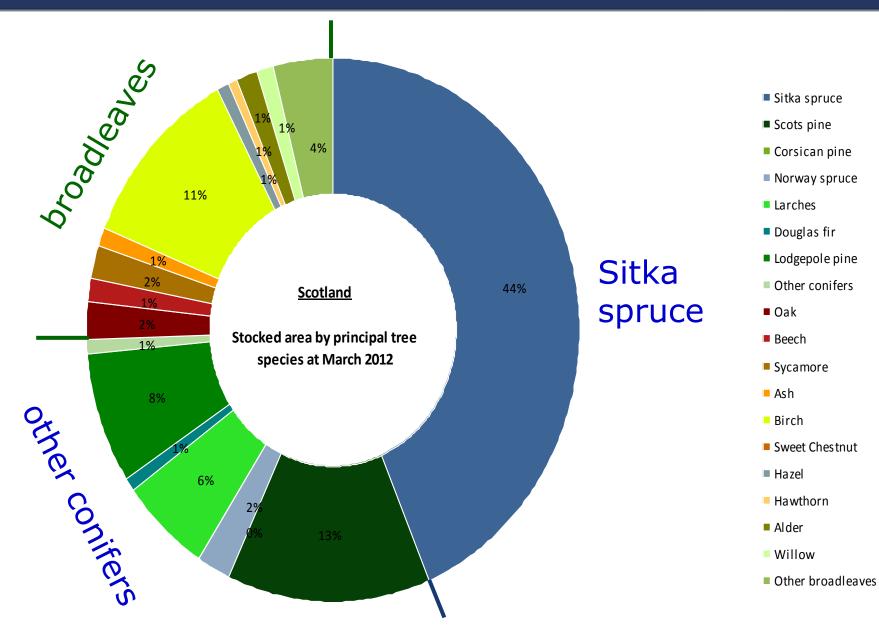


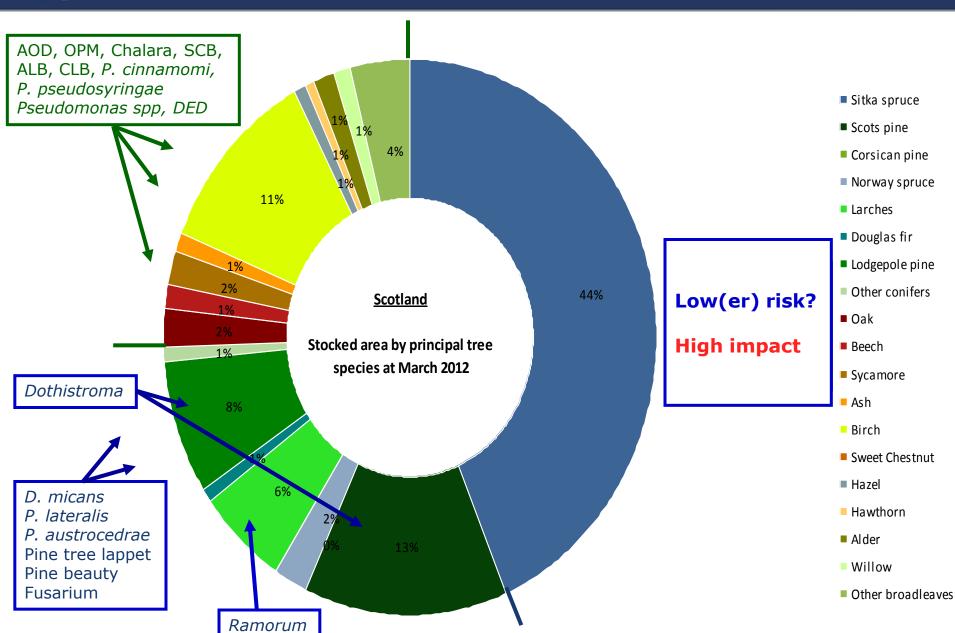


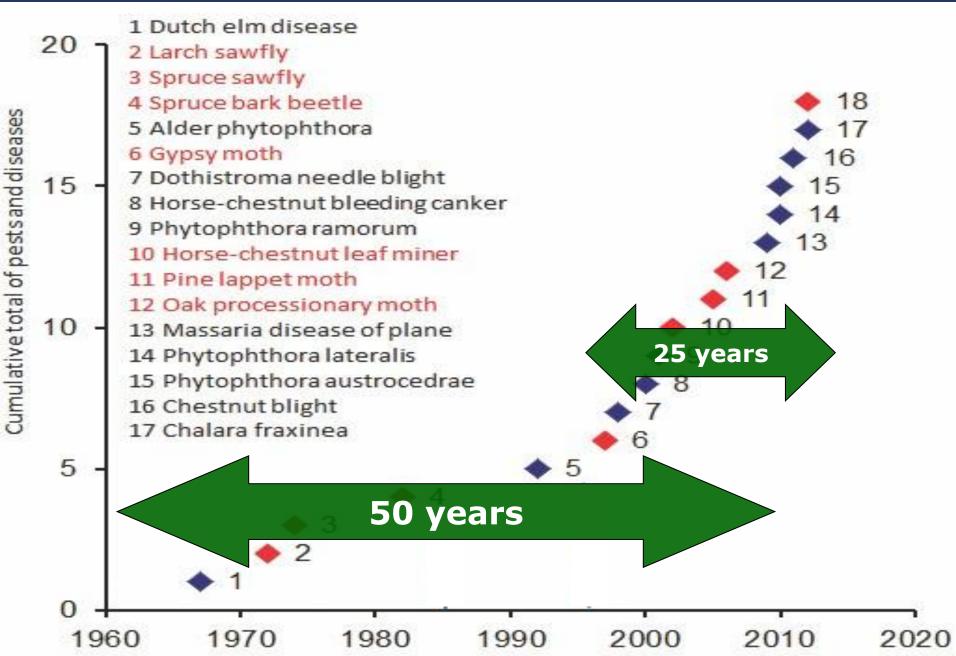
# Phytophthora lateralis











☐ Current main pests

**□** Looking to the future

□ Tackling uncertainty

**☐** Keeping things in perspective



### An uncertain future









## An uncertain future



☐ Current main pests

□ Looking to the future

□ Tackling uncertainty

**☐** Keeping things in perspective



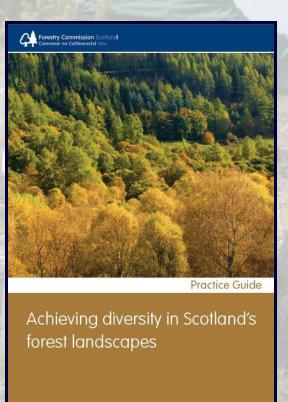


Select the most suitable species and genotypes

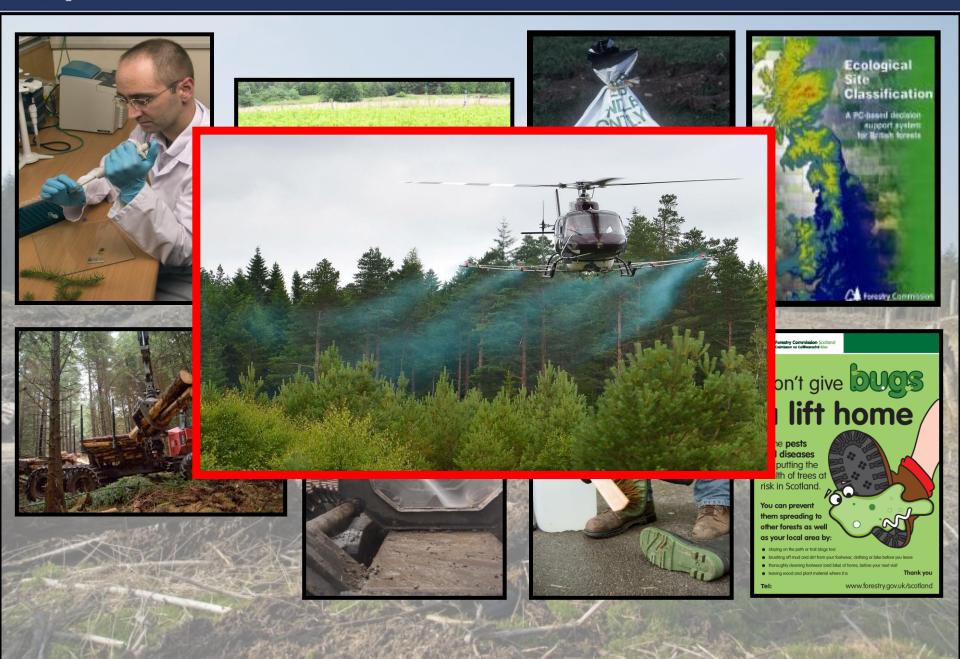
**Reduce other pressures on forests** 

Maintain or add diversity in structure and species























- Review of the EU Plant Health Regime
- Expert Taskforce on Tree Health and Plant Biosecurity
- Sir Mark Walport Review

  (Animal & plant health in the UK assessment of future national capacity)
- UK Chief Plant Health Officer
- UK Plant Health Risk Register
- Plant Biosecurity Strategy for Great Britain (Scottish Plant Health Strategy to follow)
- Scottish Tree Health Advisory Group
- Potential 'Centre for Expertise in Plant Health' (Scotland)
- GB & NI Tree Health Adviosry Group

☐ Current main pests

■ Looking to the future

□ Tackling uncertainty

**☐** Keeping things in perspective

### In perspective



