International Plant Sentinel Network

Presentation to TC26 2014
With thanks to Ellie Barham





International Plant Sentinel Network

The IPSN aims to provide an early warning system to recognise new and emerging pest risks

















IPSN and Plant Sentinels

The main aim is to identify 'unknowns'

Other research opportunities to inform Plant Health include:

- Increase understanding about 'knowns' (e.g. dispersal mechanisms, lifecycles at a lifecycles

- Identify new pest-host associations

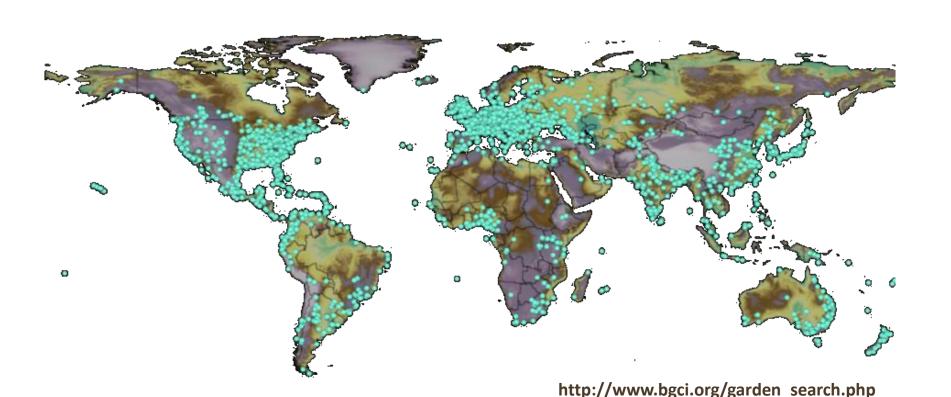
- Identify potential biocontrols

- Early warning system for countries

- Aid in integrated management tool

Advantages of Botanic Gardens and BGCI

- Over 3,000 botanic gardens
- 30-40% of known plants
- Presence of non-native species



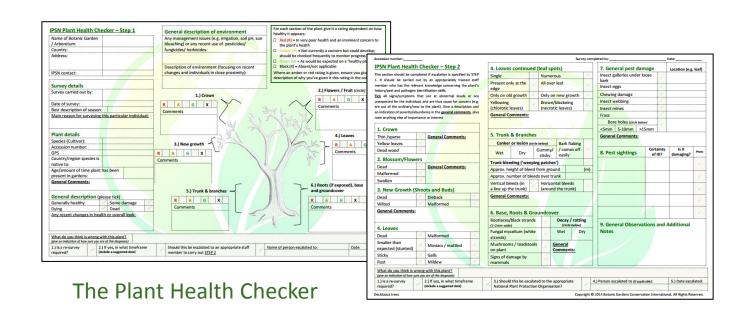
Raising Capacity and Capability

- Training materials
- Methodologies for monitoring and surveying of alien plant pests and diseases
- Creating standardised approaches
- Seeking best practice
- Diagnostic tools

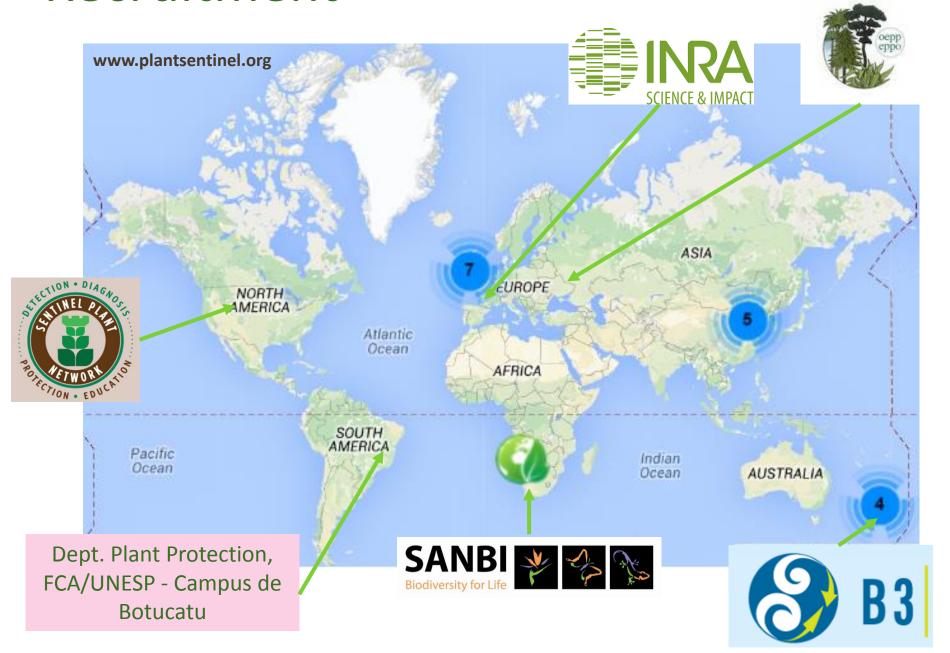


Progress to date

- Information gathering
- Communication and Recruitment
- Small scale sentinel research projects
- Website development
- Creation of a standard surveying protocol



Recruitment



Future

- Continuation of work; communication, recruitment, capacity building, development of materials etc.
- Creation of additional resources
- Development of reporting system
- Identification and promotion of potential research opportunities

