

# Observatree survey: Current activity in tree health early warning systems across Europe

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# Survey aim

- Understand activities which are being carried out across Europe in the area of tree health early warning systems
- Particularly interested in identifying organisations involved in tree health early warning systems, what surveillance work has/is being carried out and how effective it has been

# Dissemination of our survey:

- Concise survey of 22 Questions was disseminated to 24 NPPO's via EPPO
- Survey was performed online using Survey Monkey and mainly consisted of multiple choice questions
- Approximate completion time of 4 minutes

# Results – who responded

- 19 survey responses were received:
  - 16 through EPPO
  - 3 from other organisations
- Organisations were from 16 European countries and

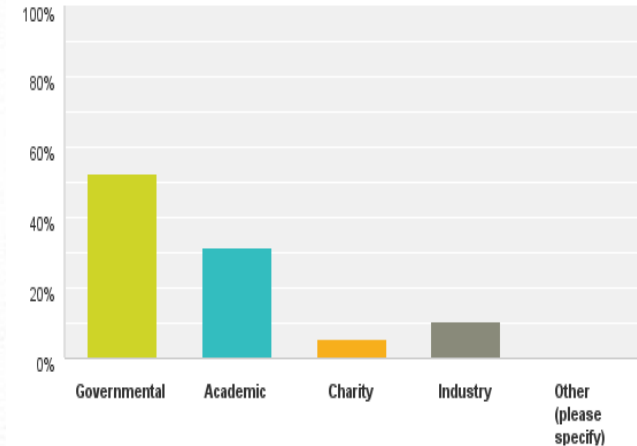
Organisation completing survey	Country of origin
BFW Federal Forest Office	Austria
University of Sarajevo Faculty of Forestry	Bosnia and Herzegovina
Faculty of Forestry, University of Zagreb	Croatia
Central Institute for Supervising and Testing in Agriculture	Czech Republic
Estonian Environment Agency	Estonia
Environment Agency	Estonia
Luonnonvarakeskus	Finland
UTZ	Germany
Julius Kühn-Institute	Germany
University of Padova, TESAF Department	Italy
State Plant Protection Service	Latvia
Netherlands Food and Consumer Product Safety Authority	Netherlands
All-Russian Plant Quarantine Centre	Russia
University of Belgrade Faculty of Forestry	Serbia
Slovenian Forestry Institute	Slovenia
Dirección General de Sanidad de la Producción Agraria	Spain
Swedish University of Agricultural Scientists	Sweden
Botanic Gardens Conservation International	UK
Stockholm Environment Institute	UK

# Results: Response - continued

- Responses were mainly from governmental or academic organisations.
- 95% of participants were involved in tree health
- 90% of participants were involved in tree pest/pathogen surveillance

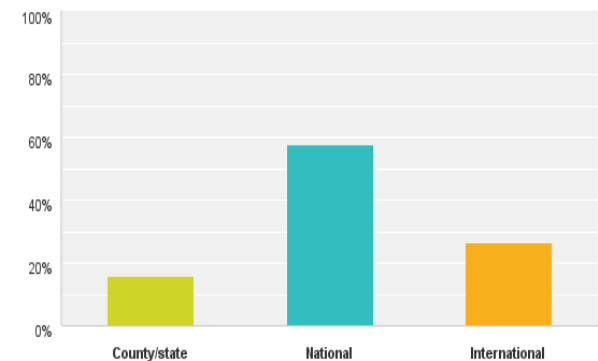
Q3 Which sector best describes your organisation?

Answered: 19 Skipped: 0



Q4 What area does your organisation operate across?

Answered: 19 Skipped: 0

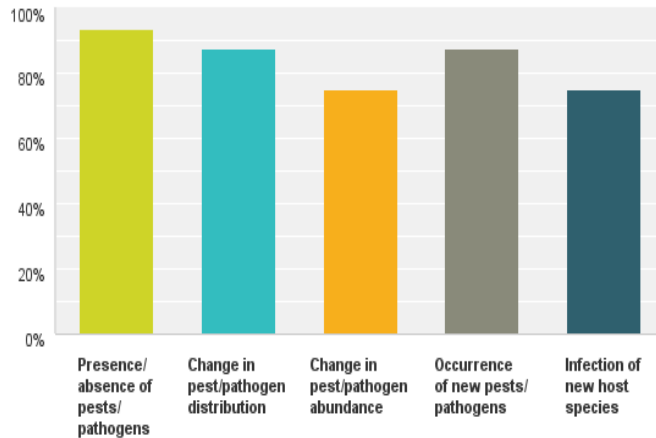


# Results: What tree health surveillance activities are being carried out?

- The organisations that responded are carrying out on studies that collect a range of information relating to tree pests/pathogens:

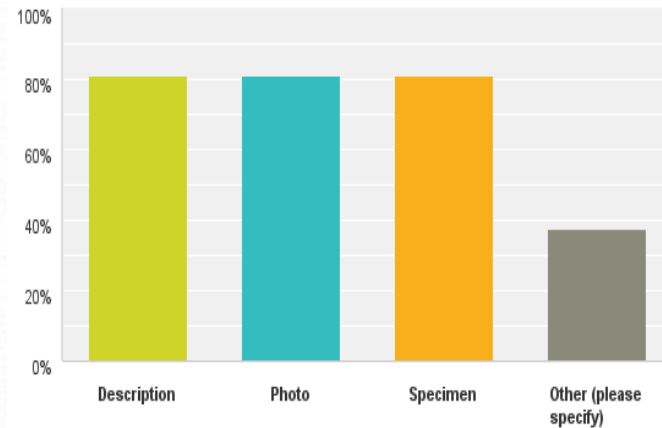
**Q7 What information is recorded by your organisation with regard to the monitoring of tree health? (Select all options that apply)**

Answered: 16 Skipped: 3



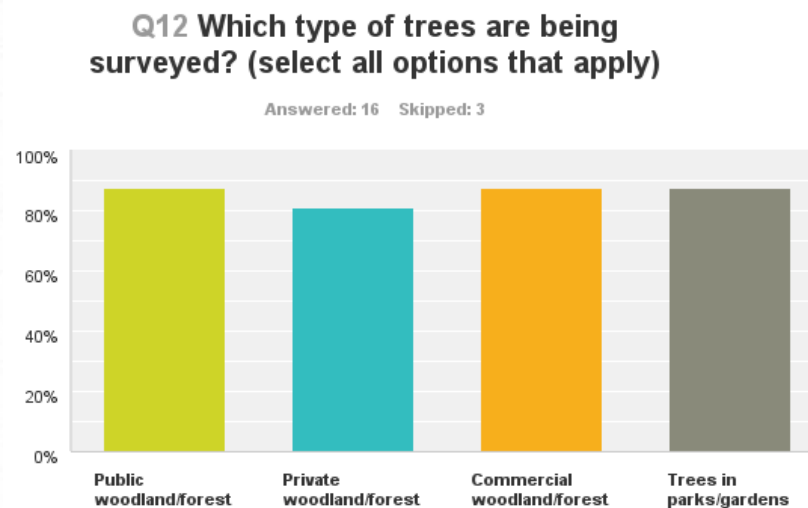
**Q8 What records of tree pests/pathogens are submitted?**

Answered: 16 Skipped: 3



# Results: What tree health surveillance activities are being carried out?

- Organisations are running surveys which involve surveillance of a mixture of public, private, commercial and amenity trees:



# Results: How are surveillance results being collected and verified?

- Records were submitted in a range of methods:
  - Email (81%),
  - Website (63%),
  - Post (63%),
  - Mobile app (19%),
  - Other (35%)
  
- In 94% of studies records were verified

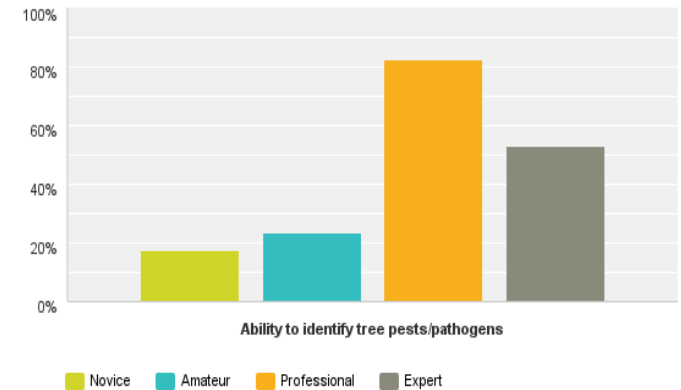


# Results: Who is participating in the tree health surveys?

- Who is carrying out the survey?
  - 82% partial or full completion by organisation staff
  - 38% partial or full completion by non-organisation staff
  - 19% partial or full completion by members of the public
- Age group of participants :
  - 100% adult,
  - 18% youth,
  - 6% children

Q15 In general how would you rate the competence of participants? (Select multiple options to represent a range of abilities)

Answered: 17 Skipped: 3



# Results: Training, number of records received and duration of the project

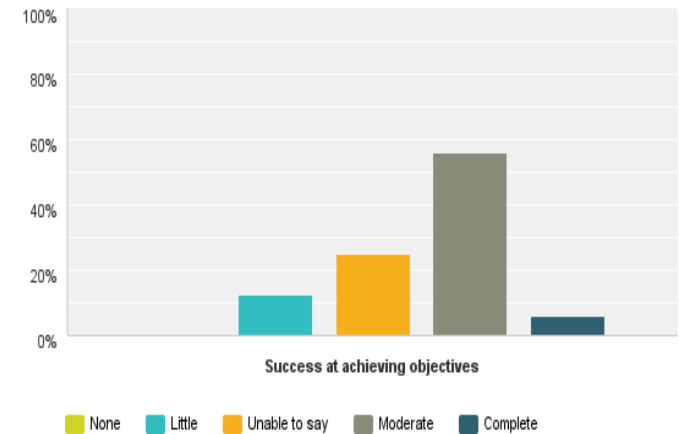
- 88% of organisations said participants were trained to carry out survey tasks
- Number of records submitted per study ranged from less than 50 to over 1,500
- Most surveillance activities were ongoing (81%) . The remainder were over 2 years (19%)

# Results: How successful have the surveillance projects been?

- Success varied:
  - 63% of studies had moderate/complete success
  - 25% were unable to say
  - 13% had little success
- Majority of organisations ranked surveillance of tree pests/pathogens as being of high importance (67%)

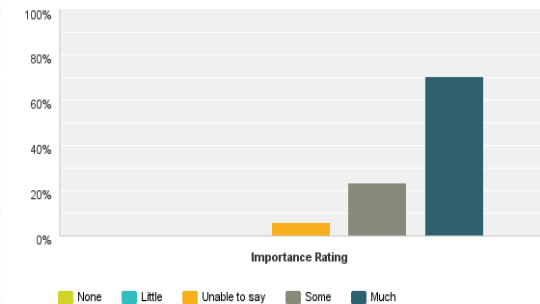
Q18 How effective has the project been in achieving its aims?

Answered: 16 Skipped: 3



Q19 How important do you rate the surveillance of tree pests/pathogens as being?

Answered: 17 Skipped: 2



# Results: How much more activity is going on out there?

- 63% of respondents were able to identify at least one other organisation in their home country that was involved in other tree health early warning surveillance activities