INFORMATION SESSION

TECHNICAL AND SCIENTIFIC SUPPORT TO EFSA TRAINING COURSES ON PLANT PEST SURVEILLANCE FOR IMPROVING CRISIS PREPAREDNESS IN PLANT HEALTH

OC/EFSA/PLANTS/2023/01

TECHNICAL AND SCIENTIFIC SUPPORT TO EFSA TRAINING COURSES ON PLANT PEST SURVEILLANCE FOR IMPROVING CRISIS PREPAREDNESS IN PLANT HEALTH OC/EFSA/PLANTS/2023/01

Sybren Vos, Tomasz Kaluski

ENVIRONMENT, PLANTS & ECOTOXICOLOGY (PLANTS) UNIT

EFSA

ASSESS → PLANTS UNIT → 2 Plant Health Teams

ENABLE

ENGAGE

EMPOWER

Plant Health Risk Assessment Team

- Pest categorisation
- Pest risk assessment
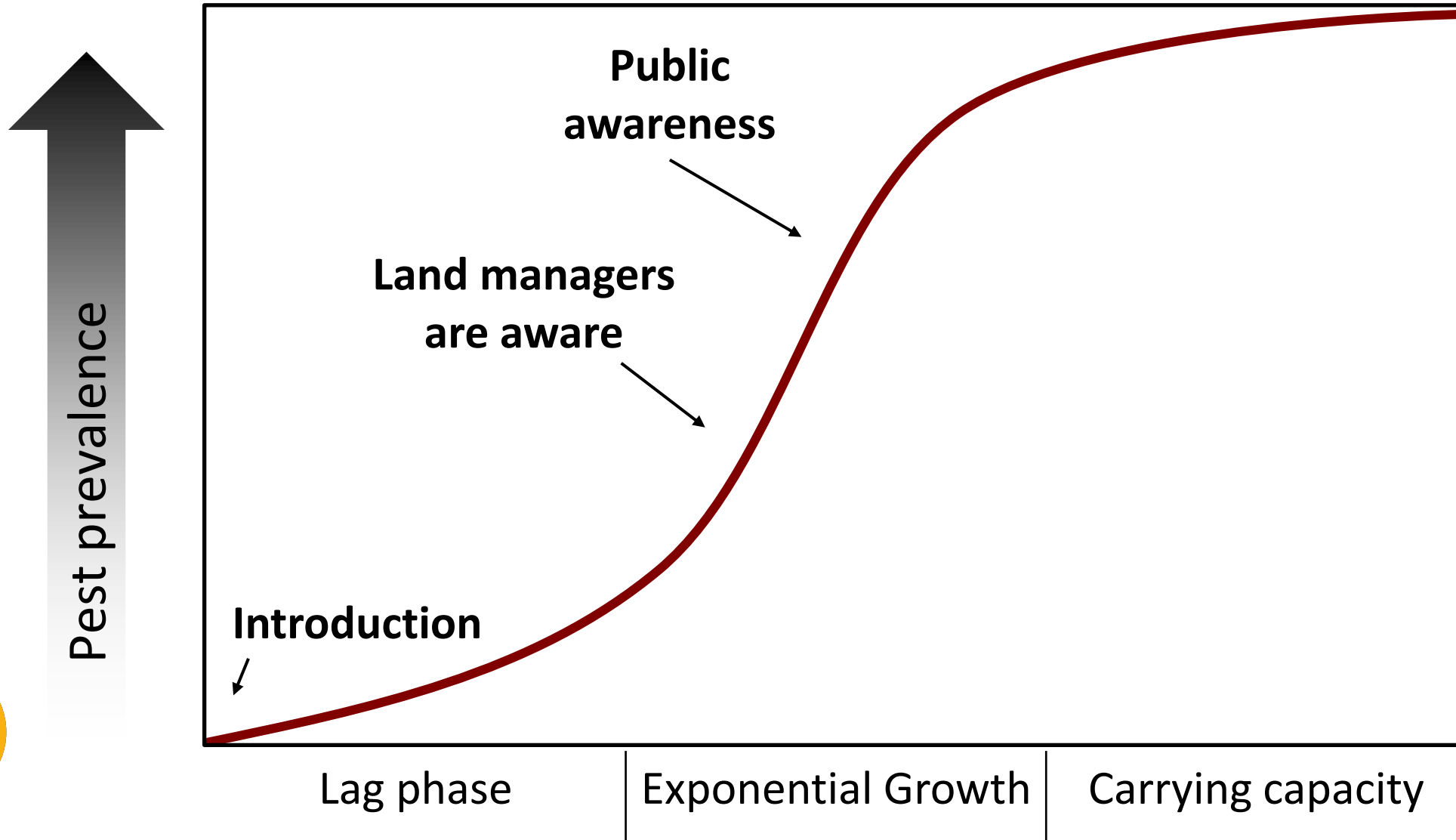- High Risk Plants: Commodity Risk assessments

Plant Health Monitoring Team
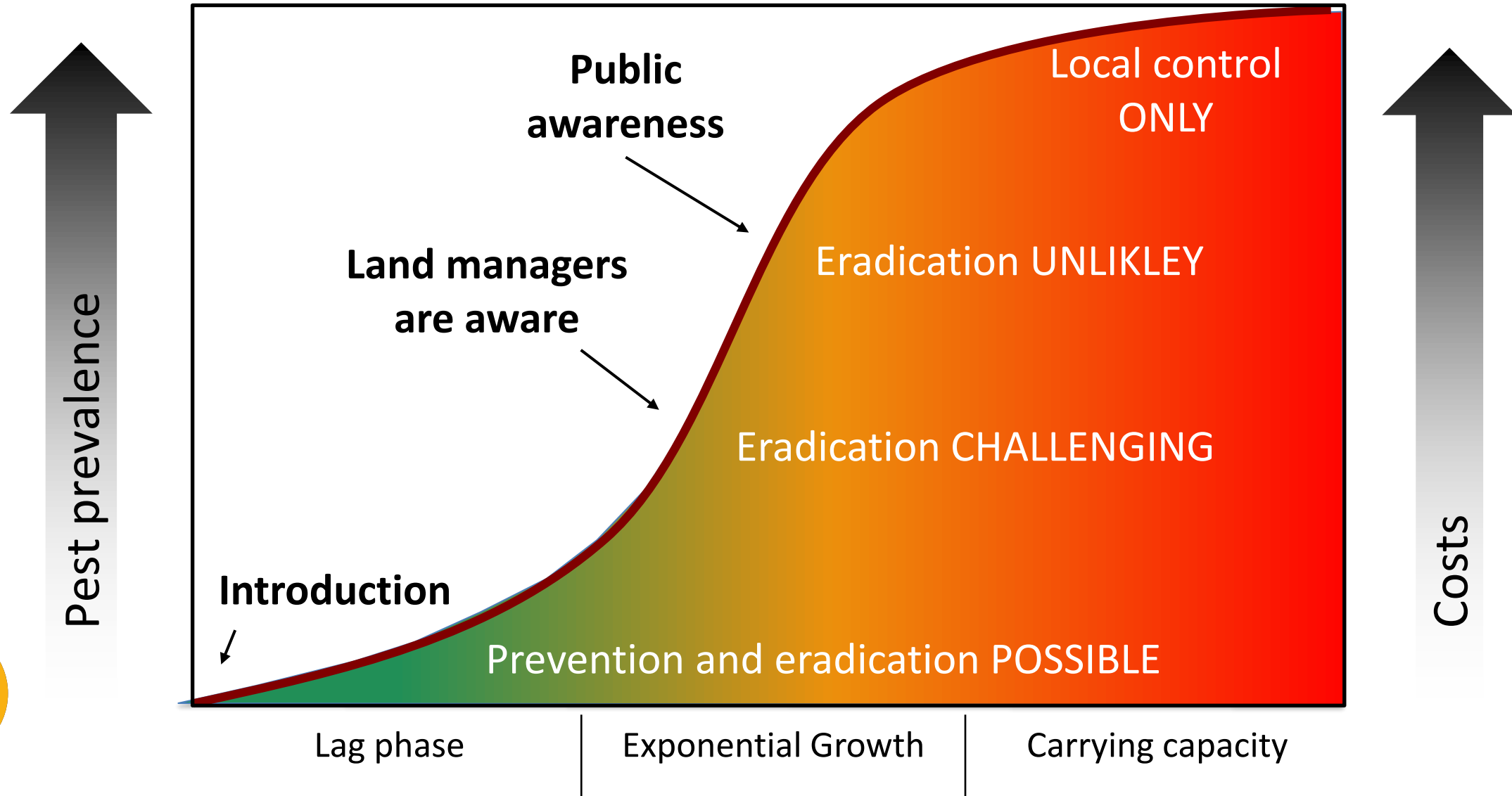
- Emerging risks: Media & Literature monitoring
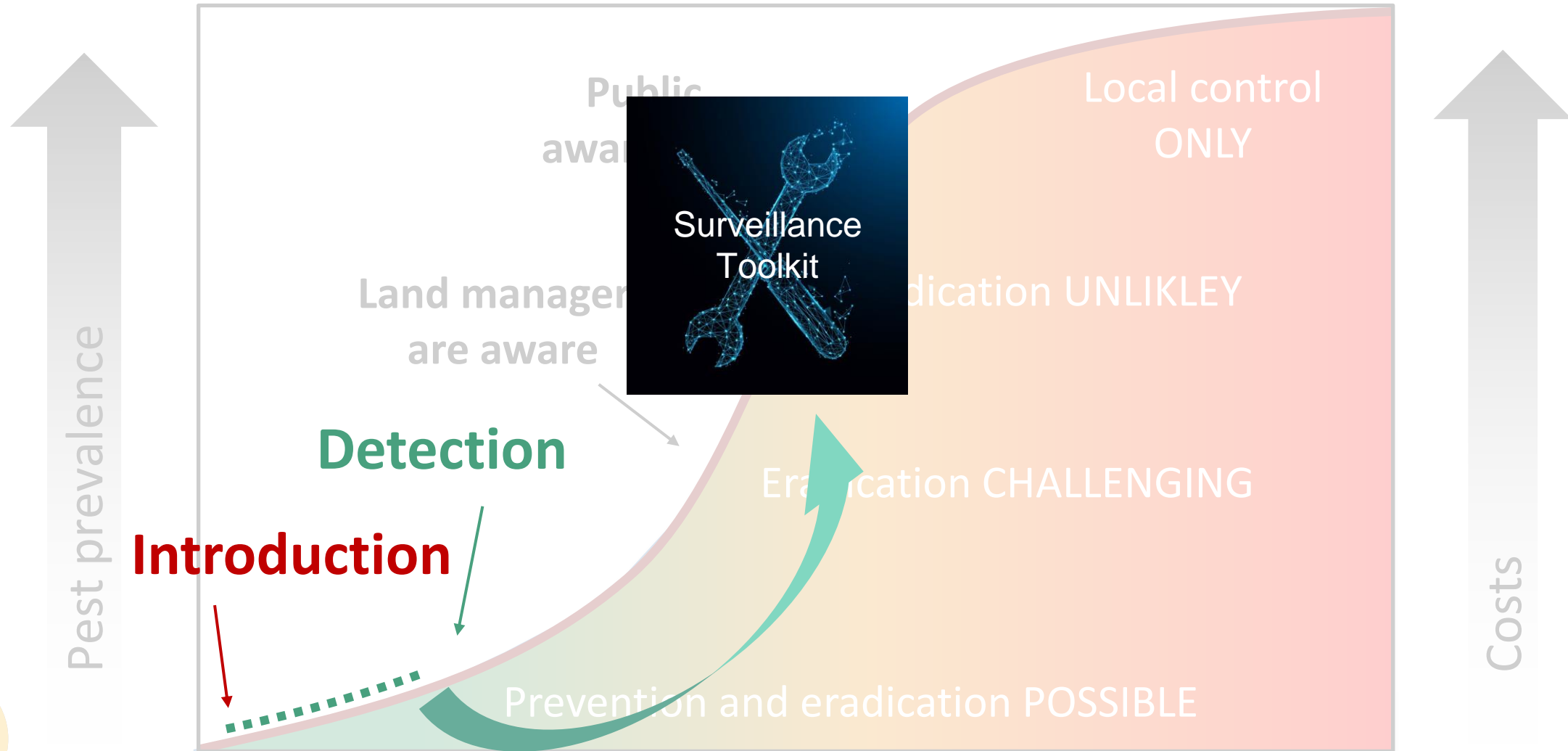- UQ Pest prioritisation
- **Pest Surveillance**

INVASION CURVE

From: California Department of Fish and Wildlife (wildlife.ca.gov)

INVASION CURVE 2

WHY WE NEED A SURVEY?

WHY WE NEED A SURVEY?

Problem: Impossible to inspect all host plant of an area

Surveillance Toolkit

Pest prevalence

Public aware

Land manager are aware

Eradication UNLIKLEY

Eradication CHALLENGING

Prevention and eradication POSSIBLE

Detection

Introduction

Costs

WHY WE NEED A SURVEY?

Public aware

Land manager are aware

Detection

Introduction

Pest prevalence

Surveillance Toolkit

Eradication UNLIKLEY

Eradication CHAL

Prevention and eradication PO

Problem: Impossible to inspect all host plant of an area

Solution: Estimate a sample size

Target Population

Sample

PEST SURVEILLANCE ONGOING

Mandate M-2020-0114

OPTIMISE

Multi-pest surveys
DL 2023

EFSA Pest Survey Cards
DL 2027

PREPARE

Relational database

DESIGN

Expert system for surveillance
DL 2023
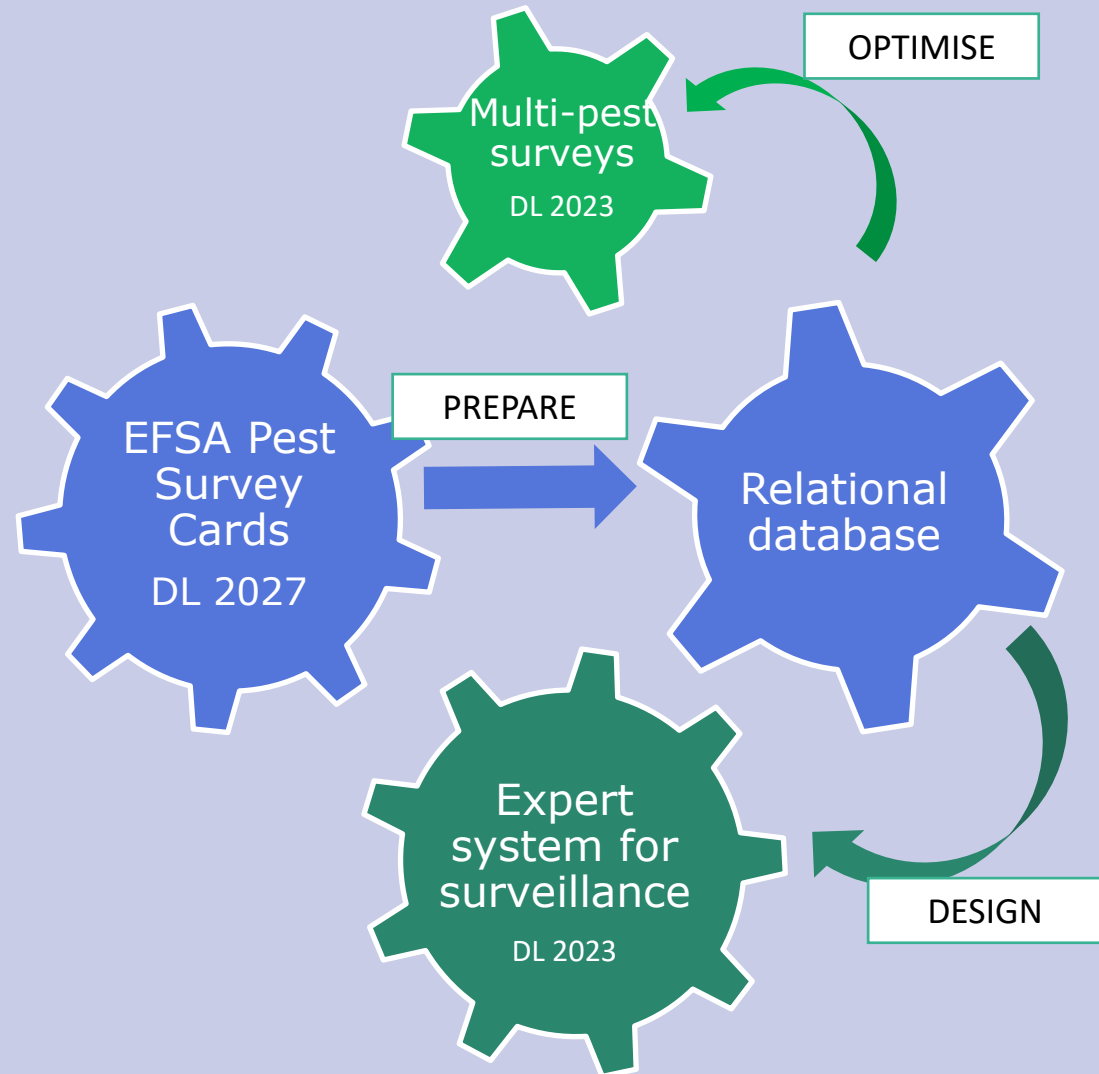
Communication and training

MSs network
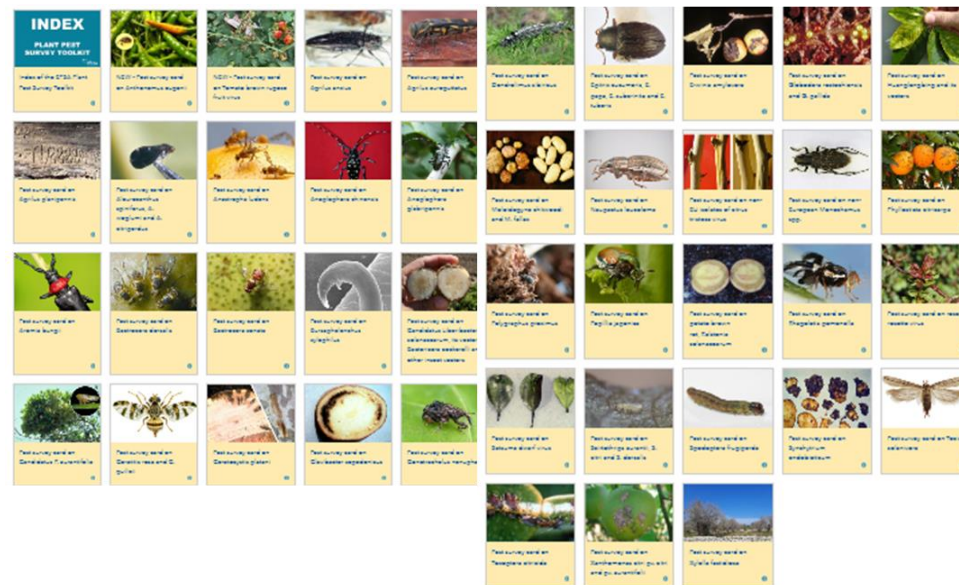
Training of 3rd Countries

E-LEARNING COURSE

WEBINARS

ACCESS TO THE EFSA SURVEILLANCE TOOLKIT

Pest survey cards
(90 pests)

Didactical materials

Guidelines
&
IT tools

RiBESS +

FRAMEWORK CONTRACT — Exact **deliverables** & **timing NOT known**

▶ **Single** — One FWC signed with one contractor (individual organisation or consortium).

▶ **Cascade** — FWC signed with different contractors and assigned order of ranking.

▶ **Re-opening competition** — FWC signed with pool of contractors which compete for specific assignments.

SPECIFIC CONTRACTS/ ORDER FORMS — Exact **deliverables** & **timing known**

- **TASK C –** Webinars on pest surveillance to be delivered by the beginning of 2024

  - The new strengthened requirements for statistically-based surveillance for *Xylella fastidiosa* will be applied not only by the EU Member States, but by third countries which export host plants in the EU as well. Therefore, in order to facilitate the application of this approach, an easy access to training materials on the EFSA's survey toolkit should be provided. Task C is foreseen as a training provided in the form of webinars to facilitate Member States/Third Countries in the use of the toolkit developed by EFSA on plant health surveys.

OBJECTIVES

Design and develop a customised and blended e-learning course in the form of modules of asynchronous classes of 30 minutes well balanced between theory and practical examples on the EFSA pest survey toolkit, in particular focussing on the theoretical concepts behind statistically sound surveys.

Organise, run and record a series of webinars for guiding the users through the practical use of the EFSA pest survey toolkit and implementation of the methodological framework for planning, designing and reporting of detection surveys for the Priority pests for the EU. The webinars should be synchronous for supporting the implementation of the EFSA pest survey toolkit, and in particular illustrating and guiding the users in the practical use of the different tools (e.g. Pest survey cards, Risk-based Pest Survey Tool (RiPEST))

OBJECTIVES
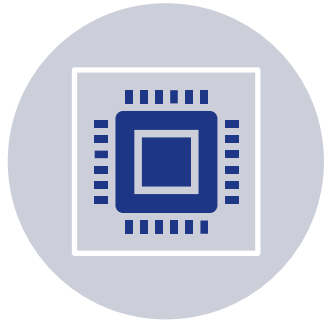
Host the e-learning course for 5 years on the platform accepted by EFSA and ensure compatibility with the EFSA IT systems (possibly EU Academy platform). When the target platform (EU Academy) will be operational for EFSA the hosting service will no longer be needed

Propose and involve qualified and experienced tutors/experts, agreed with EFSA, to prepare the contents of the e-learning courses and the series of webinars

Propose a dissemination strategy and ensure it is implemented to make all the didactical materials openly available and easily accessible, to promote the events to the target audience, to follow up on their feedback for possibly improving the e-learning courses and webinars

To update the e-learning modules and webinars as appropriate according to EFSA needs

WP 1: DELIVER E-LEARNING COURSE ON THE EFSA PEST SURVEY TOOLKIT

Task 1.1: preparing e-learning course and develop supporting materials (presentation, video, audio and others) for the methodological framework for surveillance

Task 1.2: preparing e-learning course and develop supporting materials (presentation, video, audio and others) as an implementation of Task 1.1 with case studies for: *Xylella fastidiosa, Agrilus planipennis, Phyllosticta citricarpa*

Task 1.3: posting of prepared materials on an EFSA-approved e-learning platform in the form of a course delivering certificate of completion after studying all modules.

WP 2: ORGANISE, RUN AND RECORD WEBINARS FOR METHODOLOGICAL FRAMEWORK AND TOOLS

Task 2.1: organisation, running and recording webinar: EFSA plant pest survey methodological framework

Task 2.2: organisation, running and recording webinar: EFSA pest survey toolkit (Pest Survey Cards, RiPEST, Multi-pest survey tool)

Task 3.1: preparing concept of webinars for 20 EU priority pests

Task 3.2: organisation, running and recording webinars for 20 EU priority pests

Task 4.1: hosting of e-learning course on the platform agreed with EFSA

When the target platform (EU Academy) will be operational for EFSA the hosting service will no longer be needed.

WP 5: UPDATE OF E-LEARNING MODULES AND WEBINARS

Task 5.1: updating e-learning modules according to knowledge and tools development based on EFSA needs

Task 5.2: updating or addition of webinars according to knowledge and tools development and new emerging pests for EU by organisation, running and recording webinar based on EFSA needs

TIMETABLE

- Deadline for sending request for clarification: 23/05/2023

- **Closing date and time for receipt offers: 31/05/2023 at 14:30**

- Opening session: 01/06/2023

OC/EFSA/PLANTS/2023/01
https://etendering.ted.europa.eu/cft/cft-display.html?cftId=13984

EAT SAFE

#OpenEFSA

STAY CONNECTED

SUBSCRIBE TO
efsa.europa.eu/en/news/newsletters
efsa.europa.eu/en/rss
Careers.efsa.europa.eu – job alerts

LISTEN TO OUR PODCAST
Science on the Menu –Spotify, Apple Podcast and YouTube

FOLLOW US ON TWITTER
@efsa_eu   @methods_efsa
@plants_efsa   @animals_efsa

FOLLOW US ON LINKEDIN
Linkedin.com/company/efsa

FOLLOW US ON INSTAGRAM
@one_healthenv_eu

CONTACT US
efsa.europa.eu/en/contact/askefsa

efsa
EUROPEAN FOOD SAFETY AUTHORITY