



# INVITATION LETTER

## Training courses on Plant Health Controls

This training is implemented by the TrainSaferFood consortium.



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## 1. Introduction

Dear National Contact Point,

As part of the Better Training for Safer Food initiative, the Consumers, Health and Food Executive Agency is organizing and implementing a 24 month training program on Plant Health Controls. The training is mainly aimed at EU Member States' officials under the 'Better Training for Safer Food' initiative.

The training programme aims to cover the key elements of the EU Plant Health Regime, focussing specifically on imports, wood packaging materials, and surveillance and outbreak management.

A key element of effective plant health controls is the early identification and exclusion of pest threats through effective import controls, and the early detection of outbreaks and the prompt implementation of appropriate control measures to eradicate such outbreaks. This is made possible through a combination of meticulous import controls and checks, efficient surveillance of the territory and risk locations and effective phytosanitary measures. Planning and preparedness, in particular contingency planning, are vital to ensure that effective control measures can be taken. The training courses will not only make delegates aware of best practice in this area but will also help ensure that this is applied throughout the Union.

Each training course includes a mix of formal presentations and practical exercises – group work, pair work, plenary and group discussion – which will provide opportunities for participants to learn formally and from one another and to apply the lessons learned to their own situations.

## 1.1 Overall objective of the programme

The programme aims at providing for a harmonised, unambiguous understanding of EU legislation and at enhancing its implementation across the EU. The training courses are aimed at officials involved in relevant planning and policy making as well as officials involved in the practical implementation of the legislation and controls, and who have direct contact with producers, stakeholders and importers.

Each training course includes a combination of theoretical and group sessions, of which the exchange of information and experience amongst trainees is an important part.

The overall objective of the training programme is to increase the efficacy of plant health services in:

- protecting the EU territory against introduction of harmful organisms;
- excluding the risk of harmful organisms spreading with plant and plant products moved within the EU, and
- the detection and eradication of outbreaks of harmful organisms in the EU.

## 1.2 The training programme

The training programme includes the following topics:

**Course 1 (Imports)** will cover the procedures for plant health import controls in the EU. Effective inspection of both regulated and high-risk non-regulated commodities and the implementation of measures in the case of findings in imported consignments, are essential elements in excluding risks to plant health and in preventing introduction and establishment of harmful organisms within the EU.

**Course 2 (WPM)** will cover the procedures for inspecting WPM associated with both imported consignments and also WPM moving within the EU; the requirements for manufacture, treatment and marking of WPM; and a common understanding of the risks associated with such material. The course will also consider the measures to be taken in the case of non-compliance or presence of harmful organisms, at point of entry to the Union or elsewhere.

**Course 3 (Surveillance and Outbreak Management)** will cover the planning, procedures and techniques for phytosanitary surveillance in the EU and the measures to ensure the prompt eradication or containment of any harmful organisms found. Effective surveillance is vital for the early detection of pests and, thereby, the prompt implementation of control measures in order to prevent their establishment. In most cases, there is no specific EU legislation outlining the

measures to be taken for the eradication or containment of a specific pest, and it is important to ensure that all Member States have a clear understanding of the critical elements to be considered in order to ensure that effective measures are taken in such cases. The training course will cover the implementation of EU emergency measures and control directives relevant to each to either forestry or agricultural sectors.

All of the three training courses on the topic will include a brief explanation of the international plant health framework and EU legislation, as well as role of the Commission, EFSA, EPPO and NPPOs in the assessment and control of plant health risks.

For each of the three courses, a field visit will be arranged to support the learning objectives of that course. For all locations, we have asked for, and received, the support of the local plant health service to identify and facilitate entry to the most appropriate sites, as well as being on hand to demonstrate their work, the procedures they use, and to discuss their experience of specific outbreaks, implementation of measures and the lessons learned.

## **Field Visit Venues:**

### [Course 1](#)

**London Heathrow airport (UK):** LHR is the main point of entry in the UK for plants and plant produce, and which has one of the highest number of interceptions of any BIP in the EU. The airport receives very high numbers of comparatively small consignments, mainly from South East Asia, south and east Africa and North America, which ensures the availability of a broad range of tropical, sub-tropical and temperate fruit and vegetables for inspection experience, for the course. The field visit will be arranged by the local plant health service and will include an introduction to the work of the inspectors and the wide range of imported commodities encountered at the airport. The group will be taken to visit inspection facilities around the airport perimeter, where the local inspectors will demonstrate their inspection procedures, highlighting both good-practice and the problems they face inspecting such a high volume of both regulated and non-regulated commodities. The inspectors will also discuss the measures taken to address any non-compliances or harmful organisms found.

**Antwerp seaport (Belgium):** The port of Antwerp is one of Europe's largest sea ports, ranking second only behind Rotterdam by total freight shipped. In 2012, it received in the region of 200 million tons of cargo, over 50% of which is containerised. The field visit will be arranged by the local plant health service and will include an introduction to the port operations and the work of the local plant health inspectors, followed by a visit to the inspection facilities within the port and introduction to the challenges of identifying and inspecting both bulk and

containerised consignments. The course includes an interactive inspection exercise during the field visit, in which participants will have the opportunity to inspect a range of both regulated and non-regulated commodities from around the world.

## Course 2

**Muuga seaport (Tallinn) and a local WPM manufacturer (Estonia):** In the company of the local plant health service, we will visit a local manufacturer of WPM where we will observe the manufacturing process from beginning to end, paying specific attention to how the manufacturer treats and marks the WPM in accordance with the requirements of ISPM 15. The procedures and frequency of official controls of the process will be discussed, including a review of the records maintained by the manufacturer. We will also visit Muuga seaport (Tallinn), where we will meet by local import inspectors who will discuss the inspection of WPM at the seaport, the types of WPM encountered, and the countries of origin and risks presented by this material. The course will include group discussions about the practicalities of inspection and a risk-based approach to selection of WPM from high-risk origins.

## Course 3a

**Naples (Italy):** The field visit will include a visit to a recent large outbreak of *Aromia bungii* in orchards of apricot, peach and plum in Naples. During the visit we will illustrate and discuss pest detection (trapping, visual inspection etc.), general surveillance and specific survey work to establish pest incidence. There will also be detailed evaluation of eradication and containment measures taken by the local plant health authorities. The group will be accompanied by local plant health inspectors and one of the tutor team is an inspector from this region.

**Bari (Italy):** The field visit will be to an outbreak site of *Xylella fastidiosa* to see the eradication and containment measures being taken by the local plant health service, followed by a visit to a nursery trading specified *Xylella* hosts - to discuss the restrictions and control measures in place. The group will be accompanied by local plant health inspectors who will describe the issues involved in implementing the Emergency Measures for this disease.

## Course 3b

**Vienna (Austria):** In cooperation with the Austrian plant health authorities (AGES) and the Institute of Forest Protection, we will arrange a field visit to an *Anoplophora glabripennis* outbreak in Upper Austria to see pest detection (trapping, visual inspection etc.), general surveillance and specific survey work to establish pest

incidence. This will include the use of tree climbers as well as ground monitoring and detection dogs. There will also be a detailed evaluation of eradication and containment measures being taken. On the return journey to Vienna, we will visit a large importer of stone to discuss and observe the inspection of wood packaging material associated with stone imports from China. One of our tutor team is the Head of Department for Forest Entomology at the Austrian Institute of Forest Protection.

**Treviso (Italy):** The plant health service of the Veneto Region will arrange a field visit to a large *Anoplophora glabripennis* outbreak in the Treviso area, to observe pest detection methods (visual inspection, trapping etc.), and survey work to establish pest incidence. There will also be a detailed evaluation of eradication and containment measures being taken by the local authorities.

The training course will also include a visit to a nursery within the buffer zone that has been established around the outbreak to discuss the measures taken to prevent the possible spread of the pest on plants for planting. Alternatively, a visit to the Thousand Canker Disease outbreak site may be arranged to observe symptoms and the phytosanitary measures being carried out to control and limit the spread of the disease.

## 2. Selection criteria

The proposed trainees should have the required **professional skills and experience related to Plant Health Controls** as well as being able to **understand and actively participate in the sessions in English.**

Specifically, participants should have a **minimum of two years relevant professional** experience and/or a University degree or equivalent technological qualification in agronomic or related sciences..

The participants should be familiar with **relevant EU legislation** and be aware of relevant international standards. They should also be in a position to apply **the knowledge** gained from the courses and also to **disseminate it** as widely as possible amongst colleagues and others involved in the topic of the course.

Each training course will include an item on dissemination where the trainees will be invited to share their plans for dissemination after the course. Successful methods have included distributing the training material among their colleagues, preparing informative articles in professional journals (national and international), and preparing presentations based on the training material for their National Competent authorities' professional training program.



### 3. Practical Arrangements

In total we will organize 14 training courses in seven different locations: London (England), Brussels (Belgium), Lisbon (Portugal), Bari (Itali), Venice/Treviso (Italy), Vienna (Austria), Naples (Italy)

Our team will take care of all logistics such as: booking flights and hotels, meals and local transportations.

All costs related to logistics will be covered by our company.

Please note that any extra costs (mini-bar, phone calls and extra beverages in or outside of the hotel) will be at the participant own charge.

#### 3.1 Timing of training courses

The dates proposed for the Training courses (see below) have been chosen to avoid conflict with the main technical and regulatory committee meetings, holiday periods during 2017-2018, and planned training events under BTSF Plant Health Controls.

Training Course	Location	Dates
1 Imports	London (UK)	23-25 May 2017
2 Surveillance & Outbreak Management (Forestry and Environment)	Vienna (AT)	05-09 June 2017
3 Surveillance & Outbreak Management (Agriculture & Horticulture)	Bari (IT)	26-30 June 2017
4 Surveillance & Outbreak Management (Agriculture & Horticulture)	Naples (IT)	18-22 Sep 2017
5 Imports	Brussels/Antwerp (BE)	18-20 Oct 2017
6 Imports	Brussels/Antwerp (BE)	14-16 Nov 2017
7 Imports	London (UK)	27 Feb – 01 Mar 2018

8 Surveillance & Outbreak Management (Forestry and Environment)	Venice/Treviso (IT)	19-23 Mar 2018
9 Surveillance & Outbreak Management (Forestry and Environment)	Venice/Treviso (IT)	23-27 Apr 2018
10 Wood Packaging Material	Tallinn (EE)	07-10 May 2018
11 Surveillance/Outbreak management (Agriculture/Horticulture)	Bari (IT)	28 May-01 June 2018
12 Surveillance & Outbreak Management (Forestry and Environment)	Vienna	11-15 June 2018
13 Wood Packaging Material	Tallinn (EE)	03-06 Sep 2018
14 Surveillance & Outbreak Management (Agriculture & Horticulture)	Naples (IT)	24-28 Sep 2018

## 3.2 Locations of training courses

### 3.2.1 Bari

For Bari we have selected Hotel Majesty Bari for the for the accommodation, meals and training venue.

It is located strategic location makes it easy to access centres of historical and naturalistic interest, as well as commercial centres such as the Fiera del Levante area. It offers air-conditioned rooms equipped with safe box, hair dryer, mini bar and bathroom with shower. It also features an wellness area which include heated indoor pool and gym. Free WiFi is available throughout.



### **3.2.2 Naples**

For Naples, we have selected the Holiday Inn.

Holiday Inn Naples is a 4-star hotel located in the Centro Direzionale, the city's business area.

All rooms at this Holiday Inn come with modern furniture, satellite TV, tea and coffee making facilities, and individually controlled air conditioning. Rooms feature free Wi-Fi.

The restaurant serves traditional regional cuisine. A full American buffet is served daily for breakfast. The small free gym includes cardio-fitness machineries and a treadmill.

It has 3 conference rooms with natural daylight, fully air-conditioned and equipped (projector, laptop, flipchart, whiteboard, laser pointer and free WLAN for the participants).



### **3.2.3 Brussels**

For Brussels, we have selected the **NH Collection Grand Sablon**.

The hotel is NH is situated on the historic Grand Sablon Square, 5 minutes' walk from the Magritte Museum and from the wonderful Grand Place and European Institutions of Brussels.

The hotel offers a conference centre with 4 conference rooms with natural daylight and modern equipment: Flipchart, Overhead projector, Syndicate rooms, Videoconferencing, Video equipment, Air-conditioning..

It offers 192 rooms fully furnished and modern.

They have individual heating & air conditioning unit, direct dial phone with speaker function, High Speed Internet Access, Flat 26inch LCD TV, Complimentary Coffee & Tea, Welcome tray, hair dryer and elaborated toiletries.



### **3.2.4 Vienna**

For Vienna we have selected the Penta Hotel Margaret.

The Penta hotel Vienna is in the heart of the city's Margareten district, near the famous Naschmarkt market. The hotel is very central and very convenient.

It has two big fully equipped meeting rooms: Overhead projector, digital projector, laser pointer, Screen, flip chart, flip chart paper, Pin boards, paper, Writing pads, pencils, DVD player, CD player, VHS recorder + television, video camera, Microphone system, television, Telephone, fax machine, printer, Film projector, video camera, tape recorder, dictating device...

All our rooms boast a stylish design and excellent entertainment options, with the latest 32-inch flat-screen TVs showing channels including Sky TV and Sky Bundesliga.



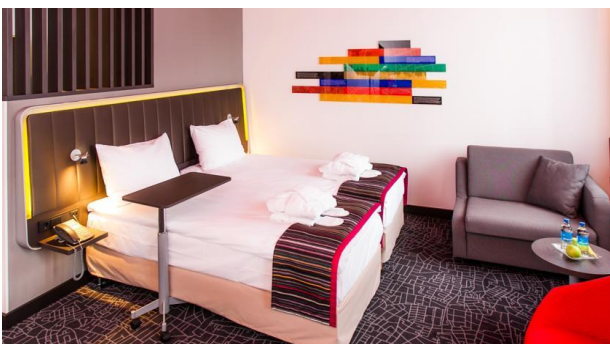
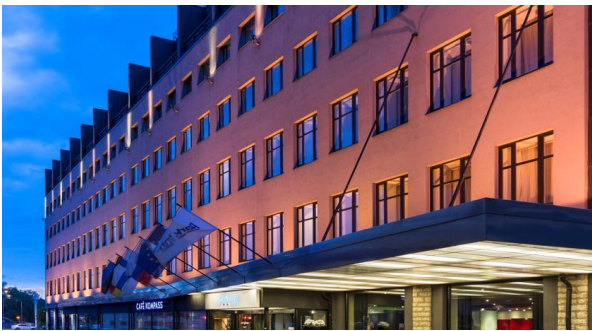
### **3.2.5 Tallinn**

In Tallinn we have selected Park Inn Radisson for the accommodation, meals and training venue.

The hotel is conveniently situated near the Old Town and main business and shopping districts. It provides spacious rooms with modern amenities, such as free Wi-Fi and cable TV. The hotel is a member of the Green Key eco-rating program.

All rooms at the Park Inn Radisson are bright and decorated with vibrant colours. Each has a work space and a modern bathroom with a bathtub or a shower and a hairdryer. All rooms are non-smoking and offer air conditioning.

Participants will be assisted by GIZ event managers but also by the highly trained and experienced staff during the entire event.



### **3.2.6 Mestre/Venice**

For Mestre we have selected the Antony Hotel.

The Antony Hotel is a 4-star superior hotel with 114 rooms, located between Mestre and Venice in the town of Campalto, just 10 minutes from the historic centre of Venice. The hotel offers the best amenities including parking, free Wi-Fi in all rooms and public areas, restaurant and two meeting rooms.

The congress area, is located in the ground floor and benefit from daylight. It has wireless Internet access and equipped with a multimedia projector, a screen, a flipchart and sound system.

The rooms all have free Wi-Fi, air conditioning and Lcd TV with SKY channels, Rooms have Venice view rooms, real paintings on the lagoon and its beautiful landscape.





### **2.4.7 London**

For London we have selected the Comfort Hotel Heathrow  
The hotel has a contemporary style and a welcoming atmosphere.  
All 184 guestrooms at the hotel are stylishly appointed with excellent guest facilities such as an en-suite bathroom, satellite television and a hospitality tray.  
The hotel offers excellent conferencing facilities with air-conditioning and ample natural light with the latest audio-visual equipment



#### **4. Invitation of your Country**

The CHAFEA wishes to invite participants from your country to attend sessions as indicated in the table received in the **Annex – quota**.

However, do not hesitate to send us **additional applications**, which would be placed on a reserve list for each session. Should there be any availability, we would inform the National Contact Point at least three weeks before the training session.

**Wherever possible, do not hesitate to send us registration forms before the indicated deadline.** The earlier participants are registered, the easier it is then to carry out the organisation of the session.

#### **5. Registration Procedure**

Please contact the National Contact Point

[https://ec.europa.eu/food/sites/food/files/safety/docs/btsf\\_national-contact-points.pdf](https://ec.europa.eu/food/sites/food/files/safety/docs/btsf_national-contact-points.pdf)

For registering the participants, there are two possibilities:

1) Sending us Chafea's application form to the dedicated email address: [trainsaferfood@gmail.com](mailto:trainsaferfood@gmail.com) (please ensure that all the information's requested in the form are provided and the language used is English).

2) Online application via the dedicated website: [www.TrainSaferFood.eu](http://www.TrainSaferFood.eu)

A registration guide it is annexed in order to guide the applicant to the registration process. When the registration will be successful you will receive a confirmation email with all the data provided by the participant (same data as in Chafea's registration form).

## Agenda – Course 1: Training for plant health import control staff on the EU plant quarantine regime for imports

### DAY 1

Time	Activity
08.15	Registration
08.30	<b>Welcome &amp; Introduction:</b> Introduction to the BTSF initiative, course agenda and format, presentation of tutors and domestic arrangements.
08.45	<b>Group exercise: Icebreaker / Small group exercise</b> <ul style="list-style-type: none"> <li>- Brief introduction of participants</li> <li>- Break up in small groups and discussion of participant's professional role and institution, current related issues and expectations from this workshop.</li> <li>- Presentation and discussion of results</li> </ul>
09.15	<b>Initial Knowledge Assessment</b> <ul style="list-style-type: none"> <li>- In order to assess the level of the group's knowledge prior to the course, participants will be asked to complete an anonymous "multiple choice" questionnaire based on the topics covered in the agenda.</li> </ul>
09.40	<b>Dissemination action planning (discussion)</b> <ul style="list-style-type: none"> <li>- Emphasize the importance of dissemination and discuss people's plans for dissemination (also taking into account responses in the pre-training questionnaires).</li> <li>- Identify key topics which each delegate consider most important for dissemination (Delegates will then be given the opportunity to present feedback from discussions or group exercises on these topics during the training).</li> </ul>
10:00	<i>Coffee break</i>
10.30	<b>Session 1: Overview of International standards and EU legislation</b> (lecture and discussion) <ul style="list-style-type: none"> <li>- The international framework               <ul style="list-style-type: none"> <li>o International Plant Protection Convention (IPPC)</li> <li>o International Standards for Phytosanitary Measures (ISPMs)</li> <li>o EPPO standards</li> </ul> </li> <li>- EU legislation: main principles on which the EU plant quarantine regime for imports relies upon.               <ul style="list-style-type: none"> <li>o Legal basis for inspections.</li> <li>o Consistency of the EU system with international standards.</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>- New Plant Health Regulation <ul style="list-style-type: none"> <li>o Aims and objectives of the new PHR</li> <li>o Key elements</li> <li>o Implications for import inspection</li> </ul> </li> </ul> <p>Discussion</p>
11.30	<p><b>Session 2: Import control planning (lecture, discussion and group exercise)</b></p> <ul style="list-style-type: none"> <li>- Interpretation of legislation and policy making</li> <li>- The requirement to adapt checks in the light of new Plant Health risks (Commission Directive 98/22/EC)</li> <li>- Targeting inspections: The use of the new Alert List and interception data from other Member States for targeting inspections and testing to create a "united EU front" against non-compliance</li> <li>- The new "advanced notification" system</li> <li>- Organisational structures required for implementing the plan</li> <li>- Consideration of practical aspects (e.g. resources, timings, facilities) and local factors (e.g. collaboration Customs and other official bodies)</li> <li>- Identifying requirements for training and opportunities for information exchange between official bodies (e.g. changing trades)</li> <li>- Reduced frequency inspections – what is eligible; examples</li> <li>- Inspection away from point of entry (implementation of Commission Directive 2004/103/EC) and the use of Plant Health Movement Document</li> <li>- Discussion</li> </ul>
	<p><b>Group exercise:</b> Planning import controls on a new controlled trade</p>
13.00	<p><i>Lunch break</i></p>
14:00	<p><b>Session 3: Documentary &amp; Identity Checks</b></p> <ul style="list-style-type: none"> <li>- What are Documentary and Identity Checks (definitions)?</li> <li>- Why do we do them (legal requirement and objective)?</li> <li>- What are we looking for? How to check the documentation (including assessment of Additional Declarations) and identity of a consignment.</li> <li>- Tools developed by some MS to facilitate these checks</li> <li>- Fraudulent phytosanitary certificates, including Third Countries from which we are most likely to receive them</li> <li>- What action to take against different types of non-compliance</li> <li>- Main non-compliances notified by MS in EUROPHYT and identified in Commission Audit reports</li> </ul>

	<p><b>Additional Declarations</b></p> <ul style="list-style-type: none"> <li>- Specific requirements for Additional Declarations on phytosanitary certificates</li> <li>- Which additional declarations are required for specific imports?</li> <li>- Application of legislation relating to Additional Declarations</li> <li>- Short group exercise on Additional Declarations</li> <li>- Discussion</li> </ul>
15:30	<i>Coffee break</i>
16:00	<p>Group exercise continued</p> <ul style="list-style-type: none"> <li>- Feedback from participants</li> </ul>
16:30	<p><b>Session 4: Practical elements for import inspection and sampling</b></p> <ul style="list-style-type: none"> <li>- Plant health check (definition, legal requirements)</li> <li>- Practical aspects of plant health inspection</li> <li>- How to select a sample for inspection and the types of visual inspection method that can be used with each type of commodity</li> <li>- Reference to ISPM 31 and relevant EPPO standards</li> <li>- How to detect the presence of harmful organism that are the most at risk/most intercepted on specific commodities</li> <li>- The importance of selecting an appropriate sample for laboratory testing</li> <li>- The different reasons for taking a sample</li> <li>- The type of sample required for different commodities (e.g. plants, produce, timber, WPM)</li> <li>- Sampling requirements in Emergency Measures for citrus.</li> <li>- Packaging, labelling and transport to ensure reliable testing</li> </ul> <p>Practical demonstrations and discussion about inspection methods will be done during the field visit.</p>
17:30	Close of day 1
18.00	<i>Social event - sightseeing tour and dinner (outside the hotel)</i>

## DAY 2

Time	Activity
08.45	Registration
09.00	<p><b>Field visit:</b></p> <p>The visit to a point of entry will allow for demonstration of the local facilities and procedures, and provide the opportunity to discuss</p> <ul style="list-style-type: none"> <li>- Practical elements ('hands on' experience) of inspection (document, identity and physical checks) on a range of imported material.</li> <li>- Security and Health and Safety</li> <li>- Co-ordination with other government agencies, e.g. Customs</li> <li>- Practical demonstration of how inspection methods may vary with commodity (e.g. plants for planting, cut flowers, fruit and vegetables, wood, etc.)</li> <li>- Inspection facilities and equipment required under Commission Directive 98/22/EC</li> <li>- Management of the control system</li> <li>- Inspection of WPM</li> </ul> <p><i>The visit will include lunch at a local restaurant and coffee breaks</i></p> <p><b>London Heathrow airport (UK):</b> LHR is the main point of entry in the UK with one of the highest number of interceptions of any BIP in the EU. The airport receives very high numbers of comparatively small consignments, many of which come from Asia, Africa and America. The field visit will be arranged by the local import inspectors and will include an introduction to the work of the inspectors and the wide range of imported commodities encountered at the airport. The group will be taken to visit inspection facilities around the airport perimeter, where the local inspectors will demonstrate the inspection procedures and highlight the problems they face inspecting such a high volume of both regulated and non-regulated commodities. We will run an interactive inspection exercise as part of the field visit, in which participants will inspect a wide range of both regulated and non-regulated commodities.</p> <p><b>Antwerp seaport (Belgium):</b> In contrast, the port of Antwerp has become one of Europe's largest sea ports, ranking second behind Rotterdam by total freight shipped. In 2012, it received in the region of 200 million tons of cargo annually of which over 50% is containerised. The field visit will be arranged by the local import inspectors and will visit a number of inspection facilities within the port, demonstrating the inspection facilities available and the challenges of identifying and inspecting both bulk and containerised consignments. We will run an interactive inspection exercise as part of the field visit, in which participants will have the opportunity to inspect a wide range of both regulated and non-regulated commodities from around the world.</p>

16.00	<b>Return to hotel</b> <b>Plenary discussion:</b> Review of the field visit
16.30	<b>Group Exercise:</b> Sampling <ul style="list-style-type: none"> <li>- When do we need to take a sample for laboratory analysis.</li> <li>- Different types of samples taken in different situations.</li> </ul>
17.30	Close of day 2
19.30	<i>Dinner at the hotel</i>

### DAY 3

Time	Activity
08:30	Registration
08:45	<b>Session 5: Checks for prohibited and non-declared items</b> <ul style="list-style-type: none"> <li>- Non-declared items</li> <li>- Prohibited items</li> <li>- Checking hand baggage</li> <li>- Practical aspects of coordinating with Customs</li> </ul>
09:30	<b>Session 6: Import inspection of non-regulated commodities and for non-regulated pests (group exercise and lecture)</b> <ul style="list-style-type: none"> <li>- Exploring current practice in MS relating to import inspection of non-regulated commodities and for non-regulated pests</li> <li>- Reviewing the legal basis for taking official action against non-regulated pests</li> <li>- Stressing the importance of this activity in identifying new pest threats</li> </ul>
10:15	<i>Coffee break</i>
10:45	<b>Group exercise:</b> Identification of non-regulated commodities for inspection
11:30	<b>Session 7: Measures in case of non-compliance (lecture and group exercise)</b> <ul style="list-style-type: none"> <li>- Main non-compliances notified by MS on EUROPHYT</li> <li>- Traceability of consignments for follow-up of planting material</li> <li>- Measures that can be taken with non-regulated pests (NRP), including pest risk analysis (PRA) for NRP and EU regulations governing action against NRP</li> <li>- Requirements and procedures for notifications (including reference</li> </ul>

	to ISPM 13, EUROPHYT, TRACES)
	<b>Group exercise:</b> Taking appropriate measures against non-compliant consignments
13:00	<i>Lunch break</i>
14.00	<p><b>Session 8: Controls on internet and postal trade (presentation and discussion)</b></p> <ul style="list-style-type: none"> <li>- The difficulties of controlling the trade in plants and plant products via post and the internet.</li> <li>- How to do this successfully.</li> <li>- Case studies and best practice.</li> </ul>
14:45	<p><b>Session 9: Opportunity for participants to share experiences with group (informal presentations and discussion)</b></p> <ul style="list-style-type: none"> <li>- Import inspection – specific local problems and issues</li> <li>- Inspection procedures – examples of good practice</li> <li>- Unusual interceptions</li> <li>- Problem commodities</li> <li>- Short 5-10 minute presentations</li> <li>- Discussion</li> </ul>
15:30	<b>Coffee</b>
16:00	<p><b>Session 10: Final question and answer session (group discussion)</b></p> <ul style="list-style-type: none"> <li>- Responding to outstanding questions from pre-course questionnaires and other questions raised by participants during the course</li> </ul>
16:45	<p><b>Final Knowledge Questionnaire</b></p> <ul style="list-style-type: none"> <li>- In order to assess the level of the group’s knowledge gained during the course, participants will be asked to complete the same anonymous “multiple choice” questionnaire based on the topics covered in the agenda.</li> </ul>
17:00	<p><b>Summary of course</b></p> <ul style="list-style-type: none"> <li>- review of lessons learned; assessment of course delivery against participants’ expectations and course objectives</li> <li>- confirmation of action plan of delegates to disseminate learning and information to colleagues following the course (general discussion)</li> <li>- On-line evaluation</li> <li>- Presentation of certificates to the participants</li> </ul>
17:15	<i>Close of course</i>



## Agenda – Course 2: EU Plant Quarantine Regime for Wood Packaging Material

### DAY1

Time	Activity
08:30	Registration
09:00	<b>Welcome &amp; Introduction:</b> Introduction to the BTSF initiative, course agenda and format, presentation of tutors and domestic arrangements.
09:15	<b>Group exercise:</b> Icebreaker / Small group exercise <ul style="list-style-type: none"> <li>- Brief introduction of participants</li> <li>- Break up in small groups and discussion of participant's professional role and institution, current related issues and expectations from this workshop.</li> <li>- Presentation and discussion of results</li> </ul>
09.45	<b>Initial Knowledge Assessment</b> <ul style="list-style-type: none"> <li>- In order to assess the level of the group's knowledge prior to the course, participants will be asked to complete an anonymous "multiple choice" questionnaire based on the topics covered in the agenda.</li> </ul>
10:15	<i>Coffee break</i>
10:45	<b>Session 1: International Standards and EU legislation relevant to WPM (lecture)</b> <ul style="list-style-type: none"> <li>- What is WPM?</li> <li>- Description of ISPM 15, its assumptions and requirements</li> <li>- Requirements for treatment, marking and controls of WPM</li> <li>- EU legislation relevant to WPM</li> <li>- Impact of the New Plant Health Regulation</li> <li>- Discussion</li> </ul>
11:30	<b>Session 2: Wood Packaging Material (WPM) (lecture)</b> <ul style="list-style-type: none"> <li>- General information on WPM associated with consignments of articles of both plant and non-plant origin</li> <li>- Types of WPM; materials in manufacture; types of wood used.</li> <li>- Discussion</li> </ul>
	<b>Group exercise:</b> Differences and definitions: <ul style="list-style-type: none"> <li>- Processed wood, de-barked wood, bark-free wood</li> <li>- Requirements</li> </ul>
13:00	Lunch break

<b>Time</b>	<b>Activity</b>
14:00	<b>Session 3: Production and treatment of WPM (lecture)</b> <ul style="list-style-type: none"> <li>- ISPM 15 requirements</li> <li>- Facilities and processes for heat treatment</li> <li>- Indicators of appropriate treatment</li> <li>- Approval and registration process</li> <li>- ISPM 15 mark</li> <li>- Other acceptable treatment methods, e.g. kiln drying, fumigation, microwave, other</li> <li>- Discussion</li> </ul>
15:00	Coffee break
15:30	<b>Session 4: Pests moving with WPM (lecture)</b> <ul style="list-style-type: none"> <li>- Summary of key pests intercepted in EU in WPM</li> <li>- Key threats and risks</li> <li>- Signs, symptoms and appearance of key pests</li> <li>- Differentiating between symptoms</li> <li>- Case studies and examples of pests moving in WPM</li> <li>- Discussion</li> </ul>
16:30	<b>Dissemination action planning</b> <ul style="list-style-type: none"> <li>- Emphasize the importance of dissemination and discuss people's plans for dissemination (also taking into account responses in the pre-training questionnaires).</li> <li>- Identify key topics which each delegate consider most important for dissemination (Delegates will then be given the opportunity to present feedback from discussions or group exercises on these topics during the training).</li> </ul>
17:00	Close of day 1
19:30	Dinner at hotel

## DAY 2

<b>Time</b>	<b>Activity</b>
08:45	Registration

Time	Activity
09:00	<p><b>Session 5: Procedures for repaired, remanufactured and recycled WPM.</b></p> <ul style="list-style-type: none"> <li>- Specific requirements and controls relating to repaired, remanufactured and recycled WPM</li> <li>- Definitions of each</li> </ul>
09:45	<p><b>Group exercise:</b> Requirements for manufacture, treatment and reuse of WPM</p>
10:30	Coffee break
11:00	<p><b>Session 6: Specific risks associated with consignments from particular countries (lecture)</b></p> <ul style="list-style-type: none"> <li>- Focussing on high risk countries, in terms of interceptions of harmful organisms, including <ul style="list-style-type: none"> <li>o volumes of trade and interceptions from each</li> <li>o Key pests originating from each.</li> </ul> </li> <li>- Case studies</li> <li>- Discussion</li> </ul>
11:45	<p><b>Session 7: Identifying high-risk consignments (group exercise).</b></p> <ul style="list-style-type: none"> <li>- Where are you most likely to find non-compliant WPM - types of consignment, locations, etc.</li> <li>- Presentation of findings</li> <li>- Review of risks (short presentation)</li> <li>- Discussion</li> </ul>
13:00	Lunch
14:00	<p><b>Session 8: Awareness of pest risks associated with other wood products moving in trade</b></p> <ul style="list-style-type: none"> <li>- e.g. Firewood, furniture and souvenirs</li> <li>- Potential pathways for introduction.</li> <li>- Case studies of findings</li> <li>- Discussion about the risks posed by such products, the controls that should be in place, and the difficulties faced in trying to monitor such trade.</li> </ul>
15:00	Coffee break

Time	Activity
15:30	<p><b>Session 9:</b> Inspection of WPM associated with imported material (lecture)</p> <ul style="list-style-type: none"> <li>- General approach to inspection – the approaches, methods, requirements and resources required for all inspections.</li> <li>- The benefits of inspection at point of entry vs. point of destination</li> <li>- Co-operation with Customs;</li> <li>- Planning inspections;</li> <li>- Resources;</li> <li>- Targeting high risk consignments.</li> <li>- Case studies.</li> <li>- Discussion</li> </ul>
17:00	<b>Close of day</b>
18:00	Social Event - Sightseeing tour and dinner

### DAY 3

Time	Activity
08:45	Registration
09:00	<p>Depart from hotel</p> <p><b>Field visit to WPM manufacturer and Muuga seaport (Tallinn)</b></p> <p>In the company of the local plant health service, we will visit a local manufacturer of WPM where we will observe the manufacturing process from beginning to end, paying specific attention to how the manufacturer treats and marks the WPM in accordance with the requirements of ISPM. The procedures and frequency of official monitoring of the process will be discussed, including a review of the records required to be kept by the manufacturer. We will also visit Muuga seaport (Tallinn), where we will met by local import inspectors who will discuss the level of inspection carried out on WPM at the seaport, the types of WPM encountered and the countries of origin of this material. We will have group discussions about the practicalities of inspection, and a risk-based approach to selection of WPM from high-risk origins</p> <p>A coffee break will be included in the morning and afternoon.</p> <p>Lunch will be provided in a restaurant away from the hotel.</p>
16:30	<b>Return to hotel</b>
17:00	<b>Review of visit</b> - Discussion and key observations

Time	Activity
17:30	Close of day
19:30	Dinner at hotel

## DAY 4

Time	Activity
08:45	Registration
09:00	<p><b>Session 10: Implementation of emergency measures on WPM moving internally within the EU (lecture)</b></p> <ul style="list-style-type: none"> <li>- What measures are in place, and why?</li> <li>- Controls on internal movement</li> <li>- Planning inspections</li> <li>- Resources</li> <li>- High risk consignments/origins</li> <li>- Case studies and discussion.</li> </ul>
09:45	<p><b>Session 11: Sampling for laboratory purposes (lecture)</b></p> <ul style="list-style-type: none"> <li>- Sampling symptomatic vs asymptomatic material</li> <li>- Equipment needed</li> <li>- Secure packaging and sending of samples for lab testing.</li> </ul>
10:30	Coffee break
11:00	<b>Group exercise:</b> Sampling WPM
11:45	<p><b>Session 12: Non-compliance, infringements and sanctions</b></p> <ul style="list-style-type: none"> <li>- Handling of non-compliant material (no/improper markings, harmful organisms present).</li> <li>- What procedures to follow in case of infringements</li> <li>- Sanctions available</li> <li>- Discussion</li> </ul>
12:30	<p><b>Session 13: Notifications to other MS, EPPO and EU level (lecture)</b></p> <ul style="list-style-type: none"> <li>- Reporting obligations</li> <li>- Importance of early notification and information sharing</li> <li>- Case studies</li> </ul>

<b>Time</b>	<b>Activity</b>
13:00	Lunch break
14:00	<p><b>Session 14: Exported WPM</b> (short presentation and discussion)</p> <ul style="list-style-type: none"> <li>- Follow up on notifications of non-compliance on exported WPM – investigating whether this was due to treatment failure or a failure in the export system.</li> <li>- Discussion with participants about procedures in Member States</li> </ul>
14:45	<p><b>Session 15: Opportunity for participants to share experiences with group (informal presentations and discussion)</b></p> <ul style="list-style-type: none"> <li>- Specific local problems and issues</li> <li>- Inspection procedures – examples of good practice</li> <li>- Unusual interceptions</li> <li>- Problem commodities</li> <li>- Cases studies</li> <li>- Short 5-10 minute presentations</li> <li>- Discussion</li> </ul>
15:15	Coffee
15:45	<p><b>Session 16: Final question and answer session</b></p> <ul style="list-style-type: none"> <li>- Responding to outstanding questions from pre-course questionnaires and other questions raised by participants during the course</li> </ul>
16:30	<p><b>Final Knowledge Questionnaire</b></p> <ul style="list-style-type: none"> <li>- In order to assess the level of the group’s knowledge gained during the course, participants will be asked to complete the same anonymous “multiple choice” questionnaire based on the topics covered in the agenda.</li> </ul>
16:45	<p><b>Summary of course</b></p> <ul style="list-style-type: none"> <li>- Review of lessons learned; assessment of course delivery against participants’ expectations and course objectives</li> <li>- Confirmation of action plan of delegates to disseminate learning and information to colleagues following the course (general discussion)</li> <li>- On-line evaluation</li> <li>- Presentation of certificates to the participants</li> </ul>
17:00	<b>Close of course</b>

## Agenda – Course 3a: Control of harmful organism outbreaks and plant health surveillance (agriculture and horticulture)

### DAY 1

Time	Activity
08:45	Registration
09:00	<b>Welcome &amp; Introduction:</b> Introduction to the BTSF initiative, course agenda and format, presentation of tutors and domestic arrangements.
09:15	<b>Group exercise:</b> Icebreaker / Small group exercise <ul style="list-style-type: none"> <li>- Brief introduction of participants</li> <li>- Break up in small groups and discussion of participant's professional role and institution, current related issues and expectations from this workshop.</li> <li>- Presentation and discussion of results</li> </ul>
09:45	<b>Initial Knowledge Assessment</b> <ul style="list-style-type: none"> <li>- In order to assess the level of the group's knowledge prior to the course, participants will be asked to complete an anonymous "multiple choice" test based on the topics covered in the agenda.</li> </ul>
10:15	<i>Coffee break</i>
10:45	<b>Session 1: International standards and EU legislation focusing on elements covering survey requirements and actions in the event of outbreaks (lecture)</b> <ul style="list-style-type: none"> <li>- International framework (ISPMs, EPPO etc.)</li> <li>- Control Directives</li> <li>- Emergency Decisions</li> <li>- Article 16 measures for regulated and non-regulated pests</li> </ul> <p>General discussion</p>
11:30	<b>Session 2: New Plant Health Regulation</b> <ul style="list-style-type: none"> <li>- Aims and objectives of the new PHR</li> <li>- Key elements</li> <li>- Risk-based approach to survey work</li> <li>- Implications for surveillance and outbreak management</li> </ul> <p>Discussion</p>
12:15	<b>Session 3: General approach to surveillance (lecture &amp; group exercise)</b> Including:

	<ul style="list-style-type: none"> <li>- Methodologies</li> <li>- Planning and timing</li> <li>- Co-ordination</li> <li>- Scientific and diagnostic support</li> <li>- Sampling for laboratory analysis purposes from both asymptomatic and suspected plants</li> <li>- Guidelines and protocols for survey</li> <li>- Training and information requirements of inspectors.</li> <li>- Registration of survey results</li> <li>- Record keeping and reporting</li> </ul> <p>Initial feedback from groups</p>
13:00	<i>Lunch</i>
14:00	<p>Group exercise, feedback from groups</p> <ul style="list-style-type: none"> <li>- Review and Discussion – key conclusions on best practice for surveillance</li> </ul>
15:30	<i>Coffee break</i>
16:00	<p><b>Session 4: Surveillance for specific pests (lecture)</b></p> <ul style="list-style-type: none"> <li>- Mandatory surveillance for quarantine organisms</li> <li>- Planning and general organisations</li> <li>- Targeting of survey inspections based on risk</li> <li>- Statistical principles</li> <li>- High risk pathways – plants for planting, wood waste, packaging etc.</li> <li>- Specific survey requirements for certain priority pests</li> <li>- Using specific examples illustrate possible techniques – visual detection, traps etc.</li> <li>- Choice of observation points/ high risk sites/commodities</li> <li>- Sampling for laboratory purposes, packing/sending the sample to the laboratory</li> <li>- Information exchange including reporting and notification.</li> </ul> <p>General discussion</p>
17:00	<p><b>Dissemination action planning</b></p> <ul style="list-style-type: none"> <li>- Emphasize the importance of dissemination and discuss people's plans for dissemination (also taking into account responses in the pre-training questionnaires).</li> <li>- Identify key topics which each delegate consider most important for dissemination (Delegates will then be given the opportunity to present feedback from discussions or group exercises on these topics during the training).</li> </ul>



17:30	Close of Day 1
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## DAY 2

Time	Activity
08.45	Registration
09.00	<p><b>Session 5: Important pests of potato and their Control Directives (lecture).</b></p> <ul style="list-style-type: none"> <li>- Biology, distribution, means of spread, distribution of ring rot, brown rot, PCN and wart disease</li> <li>- Survey requirements</li> <li>- Emergency Decision for <i>Epitrix</i></li> <li>- New pest threats, e.g. zebra chip (<i>Candidatus Liberibacter solanacearum</i>)</li> </ul> <p>General discussion</p>
10:00	<p><b>Session 6: Group exercise on surveying, inspection and sampling for ring rot and <i>Epitrix</i></b></p> <ul style="list-style-type: none"> <li>- Information sharing on current practices</li> <li>- Identify best practice</li> </ul>
11.00	<i>Coffee break</i>
11.30	<p>Feedback from groups and general discussion to identify best practice</p> <ul style="list-style-type: none"> <li>• Review and Discussion – key conclusions on best practice</li> </ul>
12.00	<p><b>Session 7: Measures for outbreaks of serious pests of potato</b></p> <ul style="list-style-type: none"> <li>- Measures required in an outbreak situation</li> <li>- Establishing the extent of an outbreak – sampling/testing</li> <li>- Statistics of testing</li> <li>- Containment – movement restrictions</li> <li>- Trace back and follow up checks</li> <li>- Case studies</li> <li>- Discussion</li> </ul>
13:00	Lunch
14.00	<p><b>Session 8: Dealing with an outbreak scenario of a non-regulated pest (e.g. <i>Aromia bungii</i>) (short lecture and group exercise)</b></p> <ul style="list-style-type: none"> <li>- Legal basis for action</li> <li>- Risk assessment</li> <li>- To identify the main elements of an eradication and containment</li> </ul>

	<p>strategy based on an outbreak scenario provided</p> <ul style="list-style-type: none"> <li>- Feedback from groups</li> <li>- Discussion</li> <li>- Reinforcement of best practice by tutors</li> </ul>
15:30	<i>Coffee break</i>
16.00	<p><b>Group exercise continued:</b></p> <ul style="list-style-type: none"> <li>- Feedback from groups</li> <li>- Discussion of practical difficulties associated with taking official measures.</li> </ul>
16.30	<p><b>Session 9: Notifications to other MS, EPPO and EU level (lecture)</b></p> <ul style="list-style-type: none"> <li>- Reporting obligations</li> <li>- Importance of early notification and information sharing</li> <li>- Case studies</li> </ul>
17:15	Close

### DAY 3

Time	Activity
08.45	Registration
09.00	<p><b>Field visit</b></p> <p>Field visit to outbreak sites and other relevant sites to</p> <ul style="list-style-type: none"> <li>- Observe the symptoms of specific pests,</li> <li>- Methods of detection of specific pests</li> <li>- Review of outbreak and measures taken</li> <li>- Practical discussion on how to carry out inspection</li> <li>- Sampling for laboratory purposes, packing/sending the sample to the laboratory</li> <li>- General surveillance and specific survey techniques and strategies</li> </ul> <p>The visits will be organised in cooperation with the host country's plant health service and a local expert or inspector will accompany the visits to provide site-specific information. The plant health services of the proposed countries have been contacted to confirm their support for these visits.</p> <p><b>Naples (Italy):</b> The field visit will include a visit to a recent large outbreak of <i>Aromia bungii</i> in orchards of apricot, peach and plum in Naples. During the visit we will illustrate and discuss pest detection (trapping, visual inspection etc.), general surveillance and specific survey work to establish pest incidence.</p>

	<p>There will also be detailed evaluation of eradication and containment measures taken by the local plant health authorities. The group will be accompanied by local plant health inspectors and one of the tutor team is an inspector from this region. We will also visit a nursery trading within the buffer zone around the <i>Aromia bungii</i> outbreak to discuss controls in place on trading of susceptible plants.</p> <p><b>Bari (Italy):</b> The field visit will be to an outbreak site of <i>Xylella fastidiosa</i> to see the eradication and containment measures being taken by the local plant health service, followed by a visit to a nursery trading specified <i>Xylella</i> hosts - to discuss the restrictions and control measures in place. The group will be accompanied by local plant health inspectors who will describe the issues involved in implementing the Emergency Measures.</p>
13.00	<i>Lunch in restaurant away from the hotel</i>
16.00	<i>Coffee in hotel</i>
16.30	Review of field visit and key observations plus questions and answers Conclusions and identify best practice
17.15	Close of Day 3

## DAY 4

Time	Activity
08.45	Registration
09.00	<p><b>Session 10: Emergency Decision for <i>Xylella fastidiosa</i> (lecture &amp; group exercise)</b></p> <p><b>Are we protected against this pest?</b></p> <ul style="list-style-type: none"> <li>- Current situation (globally &amp; in member states)</li> <li>- Key requirements of the current Emergency Decision</li> <li>- Description of organism and signs of infestation; distribution; means of spread; damage; high risk targets for inspection</li> <li>- Guidelines for inspection including symptoms on different hosts and sampling best practice.</li> <li>- Measures in case of findings and management of outbreaks</li> <li>- Requirements for production and movement or propagating material and imported material</li> <li>- Discussion</li> </ul>
10.00	<p><b>Group exercise:</b></p> <ul style="list-style-type: none"> <li>- based on a <i>Xylella fastidiosa</i> outbreak scenario on a nursery</li> <li>- Focussing on:</li> </ul>

	<ul style="list-style-type: none"> <li>○ Immediate measures</li> <li>○ Designation of demarcated areas</li> <li>○ Survey requirements</li> <li>○ Movement restrictions, etc.</li> </ul>
11.00	<i>Coffee break</i>
11.30	<p>Group exercise continued</p> <ul style="list-style-type: none"> <li>- Feedback from groups</li> <li>- Discussion</li> </ul>
12.15	<p><b>Session 11: Priority pests for the Commission work program (co-financed surveys)</b></p> <ul style="list-style-type: none"> <li>- Review of a range of priority pests for surveillance.</li> <li>- Pest biology and current situation</li> <li>- Survey requirements</li> <li>- Measures in case of findings and management of outbreaks</li> <li>- Case studies</li> <li>- Discussion</li> </ul>
13.00	<i>Lunch</i>
14:00	<p><b>Session 12: ‘<i>Candidatus Liberibacter solanacearum</i>’ group exercise</b></p> <ul style="list-style-type: none"> <li>- Outbreak management exercise based on outbreak scenario in a crop of tomatoes growing in a glasshouse</li> <li>- Feedback from groups and discussion</li> </ul>
15:30	<i>Coffee break</i>
16:00	<p><b>Group exercise continued</b></p> <ul style="list-style-type: none"> <li>- Based on the outbreak management exercise, what information should be included in a Contingency Plan for zebra chip and its vector (<i>Bactericera cockerelli</i>)?</li> </ul>
16:30	<p><b>Session 13: Contingency planning (short lecture)</b></p> <ul style="list-style-type: none"> <li>- What factors need to be considered when developing a contingency plan?</li> </ul>
17:00	<b>Close of Day 4</b>

## DAY 5

Time	Activity
08.45	Registration
09.00	<p><b>Session 14: Other Emergency Decisions (e.g. <i>Pseudomonas syringae pv actinidiae</i>) (lecture)</b></p> <ul style="list-style-type: none"> <li>- Pest biology and current situation</li> <li>- Requirements of Emergency Decisions</li> <li>- Discussion</li> </ul>
09:40	<p><b>Session 15: High risk pathways (lecture)</b></p> <ul style="list-style-type: none"> <li>- Identification of and discussion about high risk pathways for the introduction and spread of harmful organisms.</li> <li>- Case studies of high risk pathways including plants for planting, soil, wood and wood packaging material, firewood and furniture.</li> <li>- Discussion</li> </ul>
10:15	<i>Coffee break</i>
10:45	<p><b>Session 16: Communication campaigns with the public and stakeholders (short lecture followed by group exercise and discussion)</b></p> <ul style="list-style-type: none"> <li>- Possible approaches (including examples of such campaigns: websites, leaflets, etc.).</li> <li>- Strengths and weaknesses of different approaches</li> <li>- Review approaches in MS</li> <li>- Case studies of successful campaigns</li> <li>- Discussion</li> </ul>
12:15	<p><b>Session 17: Opportunity for participants to share experiences with group (short 5-10 minute presentations), e.g.</b></p> <ul style="list-style-type: none"> <li>- Outbreak management – problems and issues</li> <li>- Inspection procedures</li> <li>- Discussion</li> </ul>
13:00	<i>Lunch</i>
14:00	<p><b>Session 18: Effective Containment (short lecture and group exercise)</b></p> <ul style="list-style-type: none"> <li>- Factors influencing the decision to contain rather than eradicate</li> <li>- The process for a change in strategy from eradication to one of containment</li> <li>- Description of the range of measures available to contain or limit the</li> </ul>

	<p>spread of harmful organisms – examples of best practice in containing pests and diseases.</p> <ul style="list-style-type: none"> <li>- Lessons learned from past outbreaks – case studies</li> </ul>
15:00	<i>Coffee break</i>
15:30	<p><b>Session 18: Final question and answer session (Discussion)</b></p> <ul style="list-style-type: none"> <li>• Responding to outstanding questions from pre-course questionnaires and other questions raised by participants during the course</li> </ul>
16.15	<p><b>Final Knowledge Questionnaire</b></p> <ul style="list-style-type: none"> <li>- In order to assess the level of the group’s knowledge gained during the course, participants will be asked to complete the same anonymous “multiple choice” questionnaire based on the topics covered in the agenda.</li> </ul>
16:30	<p><b>Summary of course</b></p> <ul style="list-style-type: none"> <li>- Review of lessons learned; assessment of course delivery against participants’ expectations and course objectives</li> <li>- Confirmation of action plan of delegates to disseminate learning and information to colleagues following the course (general discussion)</li> <li>- On-line evaluation</li> <li>- Presentation of certificates to the participants</li> </ul>
16:45	<b>End of Course</b>

## Agenda – Course 3b: Control of harmful organism outbreaks and plant health surveillance (forestry and the general environment, including urban areas)

### DAY 1

Time	Activity
08:45	Registration
09:00	<b>Welcome &amp; Introduction:</b> Introduction to the BTSF initiative, course agenda and format, presentation of tutors and domestic arrangements.
09:15	<b>Group exercise:</b> Icebreaker / Small group exercise <ul style="list-style-type: none"> <li>- Brief introduction of participants</li> <li>- Break up in small groups and discussion of participant's professional role and institution, current related issues and expectations from this workshop.</li> <li>- Presentation and discussion of results</li> </ul>
09:45	<b>Initial Knowledge Assessment</b> <ul style="list-style-type: none"> <li>- In order to assess the level of the group's knowledge prior to the course, participants will be asked to complete an anonymous "multiple choice" test based on the topics covered in the agenda.</li> </ul>
10:15	<i>Coffee break</i>
10:45	<b>Session 1: EU legislation focusing on elements covering survey requirements and actions in the event of outbreaks (lecture)</b> <ul style="list-style-type: none"> <li>- International framework (ISPMs, EPPO etc.)</li> <li>- Control Directives</li> <li>- Emergency Decisions</li> <li>- Article 16 measures for non-regulated pests</li> </ul> <p>General discussion</p>
11:30	<b>Session 2: New Plant Health Regulation</b> <ul style="list-style-type: none"> <li>- Aims and objectives of the new PHR</li> <li>- Key elements</li> <li>- Risk-based approach to survey work</li> <li>- Implications for surveillance and outbreak management</li> </ul> <p>Discussion</p>
12:15	<b>Session 3: General approach to survey work (lecture &amp; group exercise)</b>

	<p>Including:</p> <ul style="list-style-type: none"> <li>- Methodologies</li> <li>- Planning and timing</li> <li>- Co-ordination</li> <li>- Scientific and diagnostic support</li> <li>- Sampling for laboratory analysis purposes from both asymptomatic and suspected plants</li> <li>- Guidelines and protocols for survey</li> <li>- Training and information requirements of inspectors.</li> <li>- Registration of survey results</li> <li>- Record keeping and reporting</li> </ul> <p>Initial feedback from groups</p>
13:00	<i>Lunch</i>
14:00	<p>Group exercise and feedback from groups</p> <ul style="list-style-type: none"> <li>- Review and Discussion – key conclusions on best practice for surveillance</li> </ul>
15:30	<i>Coffee break</i>
16:00	<p><b>Session 4: Surveillance for specific pests (lecture)</b></p> <ul style="list-style-type: none"> <li>- Mandatory surveillance for quarantine organisms</li> <li>- Planning and general organisations</li> <li>- Targeting of survey inspections based on risk</li> <li>- Statistical principles</li> <li>- High risk pathways – plants for planting, wood waste, packaging etc.</li> <li>- Specific survey requirements for certain priority pests</li> <li>- Using specific examples illustrate possible techniques – visual detection, traps etc.</li> <li>- Choice of observation points/ high risk sites/commodities</li> <li>- Sampling for laboratory purposes, packing/sending the sample to the laboratory</li> <li>- Information exchange including reporting and notification.</li> </ul> <p>General discussion</p>
17:00	<p><b>Dissemination action planning</b></p> <ul style="list-style-type: none"> <li>- Emphasize the importance of dissemination and discuss people's plans for dissemination (also taking into account responses in the pre-training questionnaires).</li> <li>- Identify key topics which each delegate consider most important for dissemination (Delegates will then be given the opportunity to present feedback from discussions or group exercises on these</li> </ul>



	topics during the training).
17:30	Close of Day 1

## DAY 2

Time	Activity
08.45	Registration
09.00	<p><b>Session 5: How to assess the plant health status of forests (group exercise &amp; discussion)</b></p> <ul style="list-style-type: none"> <li>- Methods of assessment including visual inspection, use of traps, felling, aerial survey. The problems faced when inspecting forestry.</li> <li>- Timings, selection of observation points, targeting high risk areas, statistical principles</li> <li>- Information sharing on current practices</li> <li>- Identify best practice</li> </ul>
10:30	<i>Coffee break</i>
11.30	<p><b>Assessing the plant health status of forests continued (summary lecture)</b></p> <ul style="list-style-type: none"> <li>- Review and Discussion – key conclusions on best practice</li> </ul>
12.00	<p><b>Session 6: <i>Agilus planipennis</i> and <i>A. anxius</i> (lecture)</b></p> <ul style="list-style-type: none"> <li>- Current global situation</li> <li>- Description of organism and signs of infestation; distribution; means of spread; damage; high risk targets for inspection</li> <li>- Survey planning (timing, numbers of samples)</li> <li>- Guidelines for inspection (type of sample, records, etc.)</li> <li>- Measures to be taken against the pests.</li> <li>- Discussion</li> </ul>
13.00	<i>Lunch</i>
14.00	<p><b>Session 7: <i>Anoplophora chinensis</i> and <i>A. glabripennis</i> (lecture)</b></p> <ul style="list-style-type: none"> <li>- Current situation (global &amp; within EU)</li> <li>- Description of organism and signs of infestation; distribution; means of spread; damage; high risk targets for inspection</li> <li>- Requirements of Emergency Decisions</li> <li>- Survey planning (timing, numbers of samples)</li> <li>- Guidelines to inspection and sampling</li> </ul>

	<ul style="list-style-type: none"> <li>- Reporting requirements</li> <li>- Measures in case of findings and management of outbreaks</li> <li>- Requirements for production and movement or propagating material and imported material</li> <li>- Discussion</li> </ul>
15:15	<i>Coffee break</i>
15.45	<p><b>Session 8: Priority pests for the Commission work programme (co-financed surveys)</b></p> <ul style="list-style-type: none"> <li>- Review of a range of priority pests for surveillance.</li> <li>- Pest biology and current situation</li> <li>- Survey requirements</li> <li>- Measures in case of findings and management of outbreaks</li> <li>- Case studies</li> </ul> <p>Discussion</p>
16.30	<p><b>Session 9: Notifications to other MS, EPPO and EU level (lecture)</b></p> <ul style="list-style-type: none"> <li>- Reporting obligations</li> <li>- EUROPHYT, TRACES</li> <li>- Details required for notifications of outbreaks</li> <li>- Importance of early notification and information sharing</li> </ul>
17:15	<b>Close</b>

### DAY 3

<b>Time</b>	<b>Activity</b>
08.45	Registration
09.00	<p><b>Field visit</b></p> <p>Field visit to outbreak sites and other relevant sites to</p> <ul style="list-style-type: none"> <li>- Observe the symptoms of specific pests,</li> <li>- Methods of detection of specific pests</li> <li>- Review of outbreak and measures taken</li> <li>- Practical discussion on how to carry out inspection</li> <li>- Sampling for laboratory purposes, packing/sending the sample to the laboratory</li> <li>- General surveillance and specific survey techniques and strategies</li> </ul> <p>Delegates will be split into small groups each lead by a tutor. The visits will be organised in cooperation with the host country's plant health</p>

	<p>service and a local expert or inspector will accompany the visits to provide site-specific information. The plant health services of all 3 proposed countries have been contacted to confirm their support for these visits.</p> <p><b>Vienna (Austria)</b> – field visit to <i>Anoplophora glabripennis</i> outbreak to see pest detection (trapping, visual inspection etc.), general surveillance and specific survey work to establish pest incidence. There will also be detailed evaluation of eradication and containment measures being taken.</p> <p><b>Treviso (Italy)</b> - field visit to large <i>Anoplophora glabripennis</i> outbreak to see pest detection (visual inspection etc.), general surveillance and specific survey work to establish pest incidence. There will also be detailed evaluation of eradication and containment measures being taken. There will also be a visit to a nursery producing trees that are hosts of <i>A. glabripennis</i> and <i>A.chinensis</i> to discuss measures to prevent measures to prevent spread on plants for planting.</p>
13.00	<b>Lunch in restaurant away from the hotel</b>
16.00	<b>Coffee in hotel</b>
16.30	Review of field visit and key observations plus questions and answers Conclusions and identify best practice
17.15	Close of Day 3

#### DAY 4

Time	Activity
08.45	Registration
09.00	<p><b>Session 10: Outbreak management – (group exercise based on outbreak scenario)</b></p> <p><b>How would we deal with an outbreak of <i>Agrilus planipennis</i>?</b></p> <ul style="list-style-type: none"> <li>- Immediate actions</li> <li>- Designation of demarcated areas</li> <li>- Survey requirements</li> <li>- Movement restrictions</li> <li>- Difficulty of inspection and control in urban areas</li> </ul>
10.30	<i>Coffee break</i>
11:00	<b>Group Exercise</b> continued: Feedback from groups

11:30	<p><b>Session 11: High Risk Pathways - (group exercise and discussion)</b></p> <ul style="list-style-type: none"> <li>- Potential high risk pathways for the introduction of tree pests</li> <li>- Feedback and discussion</li> </ul>
12:30	<p><b>Session 12: Contingency planning (short lecture)</b></p> <ul style="list-style-type: none"> <li>- What factors need to be considered when developing a contingency plan?</li> <li>- Illustration using lessons learned from previous group exercises</li> </ul>
13.00	<i>Lunch</i>
14:00	<p><b>Session 13: <i>Bursaphelenchus xylophilus</i> (pinewood nematode) (lecture)</b></p> <ul style="list-style-type: none"> <li>- Current situation (global and within EU)</li> <li>- Description of organism and signs of infestation; distribution; means of spread; damage; high risk targets for inspection</li> <li>- Survey planning (timing, numbers of samples)</li> <li>- Requirements of Emergency Decision Emergency Decision 2001/218/EC</li> <li>- Inspection and sampling</li> <li>- Measures in case of findings</li> </ul>
15:00	<i>Coffee break</i>
15:30	<p><b>Session 14: Communication campaigns (short lecture followed by group exercise)</b></p> <ul style="list-style-type: none"> <li>- Communication campaigns with the public and stakeholders</li> <li>- Possible approaches (including examples of such campaigns: websites, leaflets, etc.).</li> <li>- Strengths and weaknesses of different approaches</li> <li>- Review approaches in MS</li> <li>- Case studies of successful campaigns</li> <li>- Discussion</li> </ul> <p><b>Group exercise – designing a communications campaign.</b></p>
17:15	<b>Close of Day 4</b>

## DAY 5

Time	Activity
08:45	Registration
09:00	<p><b>Session 15: Management of outbreaks of non-regulated pests (lecture &amp; group exercise)</b></p> <ul style="list-style-type: none"> <li>- Legal basis for taking action</li> <li>- Assessment of threat posed (Pest Risk Assessment)</li> <li>- Case studies of action taken by Member States</li> <li>- Group exercise to identify the main elements of an eradication and containment strategy based on an outbreak scenario provided</li> </ul>
10:30	<i>Coffee break</i>
11:00	<p>Group Exercise continued.</p> <ul style="list-style-type: none"> <li>• Feedback from groups</li> <li>• Discussion</li> </ul> <p>Reinforcement of best practice by tutors</p>
11:30	<p><b>Session 16: Effective Containment (short lecture and group exercise)</b></p> <ul style="list-style-type: none"> <li>- Factors influencing the decision to contain rather than eradicate</li> <li>- The process for a change in strategy from eradication to one of containment</li> <li>- Description of the range of measures available to contain or limit the spread of harmful organisms – examples of best practice in containing pests and diseases.</li> <li>- Lessons learned from past outbreaks – case studies</li> </ul>
13:00	<i>Lunch</i>
14.00	<p><b>Session 17: Opportunity for participants to share experiences with group, e.g.</b></p> <ul style="list-style-type: none"> <li>- Outbreak management – problems and issues</li> <li>- Inspection procedures</li> <li>- Discussion</li> </ul>
15:00	<i>Coffee break</i>
15:30	<p><b>Session 18: Final question and answer session</b></p> <ul style="list-style-type: none"> <li>- Responding to outstanding questions from pre-course questionnaires and other questions raised by participants during the course</li> </ul>

16.15	<p><b>Final Knowledge Questionnaire</b></p> <ul style="list-style-type: none"> <li>- In order to assess the level of the group’s knowledge gained during the course, participants will be asked to complete the same anonymous “multiple choice” questionnaire based on the topics covered in the agenda.</li> </ul>
16:30	<p><b>Summary of course</b></p> <ul style="list-style-type: none"> <li>- Review of lessons learned; assessment of course delivery against participants’ expectations and course objectives</li> <li>- Confirmation of action plan of delegates to disseminate learning and information to colleagues following the course (general discussion)</li> <li>- On-line evaluation</li> <li>- Presentation of certificates to the participants</li> </ul>
16:45	<p><b>End of Course</b></p>