

**Organisation and implementation of training activities on principles and methods of risk assessment in the food chain – Chafea/2018/BTSF/05 - under the “Better Training for safer Food” Initiative**

**COURSE 3 – PEST AND PLANT PROTECTION RISK ASSESSMENT**

**Phase 2**

Valid as of 26/07/2023

1. Course objectives.....	2
2. Training dates and locations.....	3
3. Selection criteria for participants .....	4
4. Country allocations.....	6
5. Face-to-face logistical arrangements .....	8
Annex 1: Background and main topics covered in training .....	9
Annex 2: Legislation and guidance .....	12
Annex 3: Agenda.....	13
Annex 4: Training material, outcomes and dissemination activities.....	21
Annex 5: Contractor contact details.....	22

## **1. Course objectives**

### **General objective**

The main goal of the training programme is to disseminate best practices for the implementation of principles and methods of food chain risk assessment, improving knowledge of this complex area of work and ensuring consistent and high implementation standards across the European Union.

### **Specific objectives**

- Promoting reduction of discrepancies in procedural aspects of risk assessment
- Contribute to the harmonisation of risk assessment approaches
- Contribute to increasing transparency and building trust amongst Member States' authorities in each other's risk assessments.
- Disseminate best practices for risk management and communication
- Promote exchange of experience in order to increase the level of expertise and harmonisation of approaches.

The training will be addressed to officials from the Member States, EEA/EFTA countries and EU candidate countries involved in the risk assessment field.

## 2. Training dates and locations

Two five-day Face-to-face (F2F) training courses will be delivered in April/May and November 2024 with approximately 20 people and it will be designed in the following way: overall five full day sessions (from around 9 AM until around 5 PM Central European Time) with opening introductory session in the morning on the first day and a closing morning session on Friday.

**Table 1: Training dates and Location**

Year	Training sessions	Course title	Locations*	Proposed dates**	Registration deadline
2024	TS 1	Pest and plant protection Risk Assessment	Riga, Latvia	29 April - 03 May 2024	29/03/2024
	TS 2	Pest and plant protection Risk Assessment	Valencia, Spain	18-22 November 2024	18/10/2024

For organisational purposes, names of participants should be communicated at the latest 30 days before the workshop. A reminder will be sent to NCPs before the event.

### 3. Selection criteria for participants

- Participant must:
1. Fulfil the eligibility criteria
  2. Meet the minimum requirements
  3. Be selected using the evaluation criteria

#### 1. Eligibility criteria for Course 3 Pest and Plant Protection Risk Assessment

Only **eligible participants** should be further assessed against the minimum requirements below.

Trainees must be originated from national authorities and public institutions (e.g. ex art. 36 of EFSA's founding Reg. CE 178/2002), involved in food chain risk assessment.

Participants must meet the minimum requirements below to ensure they can follow and fully participate in this course. Participants who do not meet the minimum requirements should not be proposed for the training.

2. Minimum requirements for Course 3 Pest and Plant Protection Risk Assessment	Yes/No
<p>Participant must:</p> <ul style="list-style-type: none"> <li>• Have worked in functional areas of food chain risk assessment with a minimum of 3 years of professional experience or</li> <li>• Have had experience of setting up and implementation of food chain risk assessment in a Competent Authority (covering areas of food/ feed safety, animal health or animal welfare).</li> </ul>	Yes/No

The evaluation criteria should be used as a tool to prioritise participation (higher score indicates higher priority), but there is no minimum score necessary.

3. Evaluation criteria for Course 3 Pest and Plant Protection Risk Assessment		Enter Score
a)	<p>Professional experience within a public institution or a competent authority involved in food chain risk assessment</p> <p><u>Scoring</u></p> <p>less than 3 years = 1 points; 3 - 5 years = 5 points; 5 - 10 years = 10 points; &gt; 10 years = 12.5 points</p>	
b)	<p>Experience in Pest and Plant Protection Risk Assessment</p> <p><u>Scoring</u></p> <p>less than 2 years = 0 points; 2 - 5 years = 5 points; 5 - 10 years = 10 points; &gt; 10 years = 12.5 points</p>	
c)	<p>Experience in crisis investigation and management</p> <p><u>Scoring</u></p> <p>no experience = 0 points; less than 3 years = 5 points; 3 - 5 years = 10 points; &gt; 5 years = 12.5 points</p>	

d)	<p>During the course, participants will be provided with a training package to be used as support dissemination material. Commitment to disseminate the knowledge received is a prerequisite for course participation.</p> <p><u>Scoring</u></p> <ol style="list-style-type: none"> <li>1. Commitment to distribute the training material among their colleagues = 5 points;</li> <li>2. Point 1 plus preparing and giving presentations based on the training material for the staff of national competent authorities/uploading training material to national competent authorities' intranets/websites = 10 points</li> <li>3. Points 1, 2 plus preparing informative articles in the professional national journals = 12,5 points</li> <li>4. no commitment = 0 points</li> </ol>	
<b>Maximum total score</b>		<b>50</b>

#### 4. Country allocations

A total of 20 seats for each session will be allocated according to the tables below. The course will be offered to officials of the Member States, EEA/EFTA countries and EU candidate countries. It's highlighted that each invited country will be requested to select trainees coming from the risk assessment field. Please note that the number of allocated seats for each country may vary.

**Table 2: Suggested allocation for EU Member States and Candidate Countries**

Country group	Country	TS01 - Riga	TS02 - Valencia
		29 April - 03 May 2024	18-22 November 2024
Member States	Austria	1	0
	Belgium	0	1
	Bulgaria	1	0
	Croatia	0	1
	Cyprus	0	1
	Czech Republic	1	0
	Denmark	0	1
	Estonia	1	0
	Finland	1	0
	France	0	1
	Germany	1	1
	Greece	0	1
	Hungary	1	0
	Ireland	1	1
	Italy	0	1
	Latvia	1	1
	Lithuania	1	0
	Luxembourg	0	1
	Malta	0	1
	Netherlands	1	0
	Poland	1	0
	Portugal	0	1
	Romania	1	0
	Slovakia	0	1
	Slovenia	1	0
	Spain	1	1
Sweden	1	0	
Candidate Countries	Albania	0	1
	Bosnia and Herzegovina	1	0
	Montenegro	0	1
	North Macedonia	1	0
	Serbia	0	1
	Türkiye	0	1
	Ukraine	1	0

**Table 3: Suggested allocation for other non-EU Countries**

Non-EU Countries	Iceland	1	0
	Norway	0	1
	Northern Ireland	0	0

You are welcome to nominate more participants for the reserve list than indicated in the table above. If seats will become available you will be informed in due time.

In addition to the numbers indicated above, each country will be requested to indicate additional participants for a reserve list to be used should one or more countries not meet the proposed quota.

For logistic organisational reasons, it is kindly requested that names of participants shall be communicated at the latest within 30 days from the workshop. A reminder will be sent to NCPs before event.

Should you consider that the number of allocated seats is insufficient to meet your country's training needs, please contact the Project Manager at [20189605riskassessment@btsftraining.com](mailto:20189605riskassessment@btsftraining.com) as soon as possible, providing an explanation.

The contractor will evaluate your request and pass it to the Contracting Authority for consideration.

## ***5. Face-to-face logistical arrangements***

In the case of face-to face training sessions, the European Commission will fund in full the visa, travel, accommodation, meals for all training participants. No daily allowance will be paid on top of this. Any other costs are to be paid by the participants themselves.

Participants will arrive at the training venues on morning of day 1 (Monday) and training will commence around lunch time (depending on travel connections, participants may be requested to arrive at the training venues on the evening of Sunday). Return travel will be on the afternoon of day 5, upon closure of the session, or on the following morning of Saturday according to flight connections.

The NSF Euro Consultants Team will liaise further with the nominated participants for all logistics and practical aspect.



## Annex 1: Background and main topics covered in training

### Background

The EFSA Advisory Forum has on several occasions expressed a need to develop a long-term training programme on risk assessment for experts working in different fields of the food chain, wishing also more recently to extend these training programmes to additional areas of risk assessment.

The harmonisation of risk assessment methodologies has been identified as a priority area of the Strategy for Cooperation and Networking between the EU Member States and EFSA, since harmonisation would help in the development of high-quality scientific opinions that are recognised as truly authoritative. This harmonisation does not aim at standardising risk assessment methodology, but merely at identifying possible discrepancies between the approaches used by different Member States in order to increase transparency and trust amongst Member States' authorities in each other's risk assessments.

2008 EFSA Working Group Report on "Fostering harmonised risk assessment approaches in Member States" pointed out how countries organised risk assessment differently at the time. Many of the procedures in the countries appeared to be in line, or at least not in conflict, with procedural aspects within EFSA, however highlighting discrepancies in procedural aspects of risk assessment, mostly regarding declarations of interest, public register of risk assessment requests, procedures concerning the selection of experts, the interaction with stakeholders and between risk assessors and risk managers during the risk assessment process. Harmonisation of risk assessments is thus considered fundamental to avoid divergences by different national agencies and strengthen collaboration within Europe and beyond.

The present training programme will address issues listed above through the adoption of a practical approach, aimed to increase knowledge of Competent Authorities and scientists from public institutions and national authorities involved in food chain risk assessment in order to increase the level of expertise and harmonisation.

\* \* \*

Risk assessment and risk analysis are crucial tools in different spheres worldwide, helping to identify and assess the risks, and finding the best ways to deal with them by finding and choosing the most appropriate management options when risks are not acceptable, and something needs to be done to reduce or avoid them.

Plant health encompasses risks related to the increased trade and movement of people that directly and indirectly affects pest spread, to food and feed safety and to human wellbeing. Plant health deals with pest, pathway, plant protection product raised risks, their assessment and identification of management needs which may be set under specific import requirements or may be put in an internal regulation.

Plant health risk analysis evaluates biological or other scientific and economic evidence to determine whether a pest should be regulated and the strength of phytosanitary measures.

European Union has a new legislation that will come into force in 2020, which gives even more responsibility to Member States in the evaluation and analysis of risks, therefore it is crucial to strengthen capacity and help Member States in its implementation. New legislation includes the need to detect and analyse imminent danger, do preliminary risk assessment and inform other Member States immediately if such danger is detected. It is crucial for specialists to learn and practice risk analysis and to be able to communicate and report about it, therefore this course offers to widen understanding about risk analysis process, legislative

framework and related systems and processes as such, surveillance needs in identification and data gathering, understanding about surveillance and its planning, communication and reporting. Practical approach is considered fundamental, and course is planned and made with practical parts following directly after theoretical presentations. Course is made by using the principle of learning by doing.

Phytosanitary risk analysis has 3 parts – initiation, assessment and management. It may include also categorization part if too much to analyse, therefore a need may arise to set priorities before analysis.

### **Main topics covered in the training**

- Introduction to pest and plant protection risk assessment (Legal framework, Preparation of PRA, Data requirements for plant pest risk assessment and uncertainties, Plant pest initiation and categorization);
- Risk assessment in practice: initiation phase and pest categorization, risk assessment on the border crossings
  - Analysis on the border for consignments, other possible pathways.
  - Different pathways (air, sea containers, luggage, used machinery; packaging material, etc.);
  - Commodities with different risks (soil, growing media, plants for planting, seed, food and feed);
  - Possible pest spread in consignment and example on how to check it based on risk.
- Risk assessment in practice: entry, establishment and spread
  - Identification of pathways (vectors, host plants, favourable/unfavourable conditions for pest, etc.);
  - Pest probability of being associated with the pathway;
  - Probability to survive during transport or storage and management procedures;
  - Probability of transfer to suitable host or habitat;
  - Conclusion on the probability of entry, endangered area.
  - Availability of suitable hosts/habitats/vectors in the risk assessment area;
  - Suitability of the environment;
  - Cultural practices and control measures;
  - Other elements which could impact probability of establishment (like life cycle or reproduction strategy, adaptability);
  - Tools for assessment (e.g. CLIMEX, etc.).
  - Natural spread possibilities;
  - Assisted (human, animal) spread possibilities;
  - Possibility for pest to be contained in the area (natural enemies, competition with other species, natural fragmentation, unmanageable natural borders, etc.);
  - Endangered areas;
  - Conclusion of part about probability of introduction and spread.
- Assessment of potential consequences
  - Impact on the economic, the environmental and other sectors
- Risk management
  - Identification of appropriate risk management options for risk reduction
  - Risk management guidelines at international level

- Risk analysis and reporting
  - Practical examples of existing PRA - similarities and differences in pest risk analysis
  - PRA reporting - principal requirements for documentation of pest risk assessment process and submission of dossiers
  - Plant protection products/agents
  - Plant protection agents/pesticides vs. Plant health/diseases - differences and key examples (e.g. *Xylella fastidiosa*)
- Risk communication and surveillance
  - Introduction to risk communication
  - The importance of surveillance in risk assessment

## Annex 2: Legislation and guidance

- EPPO 1993 GUIDELINES ON PEST RISK ANALYSIS Check-list of information required for pest risk analysis (PRA). EPPO bull 23, 191-198.
- EFSA Panel on Plant Health (PLH); Guidance on a harmonised framework for pest risk assessment and the identification and evaluation of pest risk management options by EFSA. EFSA Journal 2010; 8(2):1495. [66 pp.]. doi:10.2093/j.efsa.2010.1495. Available online: <http://www.efsa.europa.eu/en/efsajournal.html>
- EFSA PLH Panel (EFSA Panel on Plant Health), 2018. Guidance on quantitative pest risk assessment. EFSA Journal 2018;16(8):5350, 86 pp. <https://doi.org/10.2903/j.efsa.2018.5350>
- EFSA PLH Panel (EFSA Panel on Plant Health), Jeger M., Bragard C., Caffier D., Candresse T., Chatzivassiliou E., Dehnen-Schmutz K., Gregoire J.-C., Jaques Miret J.A., MacLeod A., Navajas, Navarro M., Niere B., Parnell S., Potting R., Rafoss T., Rossi V., Urek G., Van Bruggen A., Van Der Werf W., West J., Winter S., Hart A., Schans J., Schrader G., Suffert M., Kertesz V., Kozelska S., Mannino M.R., Mosbach-Schulz O., Pautasso M., Stančanelli G., Tramontini S., Vos S., Gilioli G. (2018). Guidance on quantitative pest risk assessment. EFSA Journal 16(8):5350, 86 pp., doi: 10.2903/j.efsa.2018.5350
- EPPO (2012). Decision-support scheme for an Express Pest Risk Analysis. Bulletin OEPP/EPPO Bulletin 42(3), 457-462, doi: 10.1111/epp.2591
- ISPM (2004). ISPM 21 – Pest risk analysis for regulated non-quarantine pests. Secretariat of the international Plant Protection Convention, FAO
- ISPM (2007). ISPM 2 – Framework for pest risk analysis. Secretariat of the international Plant Protection Convention, FAO
- ISPM (2017). ISPM 11 – Pest risk analysis for quarantine pests. Secretariat of the international Plant Protection Convention, FAO.
- EPPO and EFSA Guidelines and other international organizations (like IPPC, WTO), their guidelines and perception.
- Directive 2000/29/EC and Regulation (EU) 2016/2031 of the European Parliament and of the Council concerning protective measures against pests of plants and repealing Directive 2000/29/EC, Regulation (EU) No 1143/2014.
- <https://www.ippc.int/en/publications/615/>
- <https://www.ippc.int/en/publications/588/>
- <https://www.ippc.int/en/publications/86051/>

## Annex 3: Agenda

### DAY 1 – Monday

<i>Time</i>	<i>Topic</i>	<i>Tutor</i>
11.30 – 13:00	Registration of participants and lunch	
13.00 – 13:20	Welcome addresses, course background, objectives & expected results	Training Coordinator
13.20 – 13:35	Better Training for Safer Food: presentation of a video	
13.35 – 13:50	Preliminary discussion with participants, aimed to enquire about their expectations on the training initiative <ul style="list-style-type: none"> <li>Participants present their tasks with regard to food safety risk assessment, giving a short overview of their tasks and expectations from the course).</li> </ul>	Training Coordinator
13.50 – 14:20	Self-assessment test	
14.20 – 15:00	<p>TOPIC 1: INTRODUCTION TO PEST AND PLANT PROTECTION RISK ASSESSMENT.</p> <p><u>1.1. Legal framework</u></p> <ul style="list-style-type: none"> <li>Risk analysis on food safety according to SPS Agreement (Codex Alimentarius) and its implementation in the EU legal framework; General quick overview on information and principles about pest and plant protection risk assessment at national, regional and at international level: <ul style="list-style-type: none"> <li>EPPO Standards – PM 5 Pest Risk Analysis;</li> <li>Food and Agriculture Organization (FAO) International Plant Protection Convention (IPPC) International Standards for Phytosanitary Measures (ISPM) ISPM No 2 “Framework for pest risk analysis”, ISPM No 11 “Pest risk analysis for quarantine pests including analysis of environmental risks and modified organisms”, ISPM 21 “Pest risk analysis for regulated non-quarantine pests”, ISPM 5 “Glossary of phytosanitary terms”, especially its Supplement 1, Supplement 2 and Appendix 1;</li> <li>WTO general principles for PRA ;</li> <li>Legal act hierarchy and impact on national legislation and other actions related to risk analysis. Aiming to give participant the understanding of what is obligatory, what are guidelines or recommendations only and how it relates to national normative acts.</li> </ul> </li> <li>Overview on the different steps of risk assessment and pest risk assessment</li> <li>Division of competences between risk assessment and risk management; EU EC Regulation 178/2002 and its updates.</li> </ul> <p><i>Presentation</i></p>	Training Coordinator
15.00 – 15:20	<p>TOPIC 1: INTRODUCTION TO PEST AND PLANT PROTECTION RISK ASSESSMENT.</p> <p><u>1.2. Plenary discussion on preparation of a PRA</u></p> <p>Responsibilities and involvement for specific aspects.</p> <p><i>Plenary discussion</i></p>	Training Coordinator + Tutor
15:20 – 15:50	Coffee break	

15:50 – 16:15	<p>TOPIC 1: INTRODUCTION TO PEST AND PLANT PROTECTION RISK ASSESSMENT.</p> <p><u>1.3. Risk Assessment use</u></p> <p>Where risk assessment helps and for what it is used worldwide, resources, comparable data, action, inaction.</p> <ul style="list-style-type: none"> <li>• Phytosanitary policy planning,</li> <li>• Legislation development, import requirements</li> <li>• disputes</li> <li>• new markets</li> <li>• Pest free area</li> <li>• Monitoring planning</li> <li>• To forecast the needs</li> </ul> <p><i>Presentation</i></p>	Training Coordinator
16.15 – 17:00	<p>TOPIC 1: INTRODUCTION TO PEST AND PLANT PROTECTION RISK ASSESSMENT.</p> <p><u>1.4. Data requirements for plant pest risk assessment and uncertainties</u></p> <ul style="list-style-type: none"> <li>• Data requirements for different scenarios of pest risk assessment;</li> <li>• Types of data required at each step in the pest risk assessment process;</li> <li>• Examples of Useful resources of data;</li> <li>• Reliability of data, lack of data and uncertainties;</li> <li>• Additional tools and specialists that could be used and invited for risk assessment.</li> </ul> <p><i>Presentation</i></p>	Tutor
17.00 – 17:45	<p>TOPIC 1: INTRODUCTION TO PEST AND PLANT PROTECTION RISK ASSESSMENT.</p> <p><u>1.5. Pest risk assessment: initiation and categorization</u></p> <ul style="list-style-type: none"> <li>• Problem formulation: <ul style="list-style-type: none"> <li>– PRA initiated by the identification of a pathway;</li> <li>– PRA initiated by the identification of a pest;</li> <li>– PRA initiated by the review or revision of a policy.</li> </ul> </li> <li>• Plant pest categorization</li> </ul> <p><i>Presentation</i></p>	Tutor
17.45 – 17:55	<p>TOPIC 1: INTRODUCTION TO PEST AND PLANT PROTECTION RISK ASSESSMENT.</p> <p><u>1.6. Exchange of best practices on plant pest categorization</u></p> <p><i>Plenary discussion</i></p>	Training Coordinator + Tutor
17.55 – 18:00	Conclusions of Day 1 (summary of main issues)	Training Coordinator
18.00	End of Day 1	
19.00	Welcome cocktail and welcome dinner	

### ***DAY 2 – Tuesday***

<i>Time</i>	<i>Topic</i>	<i>Tutor</i>
08.30 – 08:40	Overview of the topics introduced the previous day	Training Coordinator
08.40 – 09.25	<p>TOPIC 2: RISK ASSESSMENT IN PRACTICE: INITIATION PHASE AND PEST CATEGORIZATION, RISK ASSESMENT ON THE BORDER CROSSINGS</p> <p><u>2.1. Risk assessment for consignments on border crossings</u></p> <p>Pathway/Commodity Risk Analysis approaches.</p> <ul style="list-style-type: none"> <li>• Analysis on the border for consignments, other possible pathways;</li> <li>• Different pathways (air, sea containers, luggage, used machinery; packaging material, etc.);</li> <li>• Commodities with different risks (soil, growing media, plants for planting, seed, food and feed);</li> <li>• Possible pest spread in consignment and example on how to check it based on risk.</li> </ul> <p><i>Presentation</i></p>	Tutor

09.25 – 09:45	<p>TOPIC 2: RISK ASSESSMENT IN PRACTICE: INITIATION PHASE AND PEST CATEGORIZATION, RISK ASSESSMENT ON THE BORDER CROSSINGS</p> <p><u>2.2. Discussions on border crossings</u></p> <p>Discussions and sharing of practical experience about pathway/commodity risk assessment.</p> <p><i>Plenary discussion</i></p>	Training Coordinator + Tutor
09.45 – 10:15	Coffee break	
10.15 – 11:00	<p>TOPIC 2: RISK ASSESSMENT IN PRACTICE: INITIATION PHASE AND PEST CATEGORIZATION, RISK ASSESSMENT ON THE BORDER CROSSINGS</p> <p><u>2.3. Practical exercise on PRA Initiation phase and pest categorisation</u></p> <p><i>Groups will start the initiation part of PRA with practical examples. E.g. a pathway, a group of pests or other (Initiation phase, pest categorisation) and present the results</i></p> <p><i>Practical group exercise (4 groups with 5 participants each)</i></p>	Training Coordinator + Tutor
11.00 – 11:45	<p>TOPIC 3: RISK ASSESSMENT IN PRACTICE: ENTRY, ESTABLISHMENT AND SPREAD</p> <p><u>3.1. Assessment of introduction of harmful organisms: entry</u></p> <ul style="list-style-type: none"> <li>• Identification of pathways, (vectors, host plants, favourable/unfavourable conditions for pest, etc.);</li> <li>• Pest probability of being associated with the pathway;</li> <li>• Probability to survive during transport or storage and management procedures;</li> <li>• Probability of transfer to suitable host or habitat;</li> <li>• Conclusion on the probability of entry, endangered area.</li> </ul> <p><i>Presentation</i></p>	Tutor
11.45 – 12:30	<p>TOPIC 3: RISK ASSESSMENT IN PRACTICE: ENTRY, ESTABLISHMENT AND SPREAD</p> <p><u>3.2. Case study on Assessment of introduction of harmful organisms: entry</u></p> <p>Each Group will receive specific pest case and information about it to start the analysis. Analysis in these same groups with these specific examples will continue through other parts of pest risk assessment.</p> <p>Groups will analyse pest possibility to entry.</p> <p><i>Practical group exercise (4 groups with 5 participants each) and plenary discussion</i></p>	Training Coordinator + Tutor
12.30 – 13:30	Lunch	
13.30 – 14:15	<p>TOPIC 3: RISK ASSESSMENT IN PRACTICE: ENTRY, ESTABLISHMENT AND SPREAD</p> <p><u>3.3. Assessment of introduction of harmful organisms: establishment</u></p> <ul style="list-style-type: none"> <li>• Availability of suitable hosts/habitats/vectors in the risk assessment area;</li> <li>• Suitability of the environment;</li> <li>• Cultural practices and control measures;</li> <li>• Other elements which could impact probability of establishment (like life cycle or reproduction strategy, adaptability);</li> <li>• Tools for assessment (e.g. CLIMEX, etc.).</li> </ul> <p><i>Presentation</i></p>	Tutor
14.15 – 15:00	<p>TOPIC 3: RISK ASSESSMENT IN PRACTICE: ENTRY, ESTABLISHMENT AND SPREAD</p> <p><u>3.4. Case study on Assessment of introduction of harmful organisms: establishment</u></p> <p>Continuation of group work with the specific case-study from previous group exercise</p> <p>Groups will analyse pest possibility to establish in area</p> <p><i>Practical group exercise (4 groups with 5 participants each)</i></p>	Training Coordinator + Tutor
15.00 – 15:30	Coffee break	

15.30 – 16:15	<p>TOPIC 3: RISK ASSESSMENT IN PRACTICE: ENTRY, ESTABLISHMENT AND SPREAD</p> <p><u>3.5. Assessment of introduction of harmful organisms: spread</u></p> <ul style="list-style-type: none"> <li>Natural spread possibilities;</li> <li>Assisted (human, animal) spread possibilities;</li> <li>Possibility for pest to be contained in the area (natural enemies, competition with other species, natural fragmentation, unmanageable natural borders, etc.);</li> <li>Endangered areas;</li> <li>Conclusion of part about probability of introduction and spread.</li> </ul> <p><i>Presentation</i></p>	Tutor
16.15 – 17:00	<p>TOPIC 3: RISK ASSESSMENT IN PRACTICE: ENTRY, ESTABLISHMENT AND SPREAD</p> <p><u>3.6. Case study on Assessment of introduction of harmful organisms: spread</u></p> <p>Continuation of group work with the specific case-study from the previous group exercise</p> <p>Groups will analyse pest possibility to spread</p> <p><i>Practical group exercise (4 groups with 5 participants each) and plenary discussion</i></p>	Training Coordinator + Tutor
17.00 – 17:30	<p>TOPIC 3: RISK ASSESSMENT IN PRACTICE: ENTRY, ESTABLISHMENT AND SPREAD</p> <p><u>3.7. Case studies: groups presentation of the results</u></p> <p><i>Plenary discussion</i></p>	Training Coordinator + Tutor
17.30 – 17:40	Conclusions of Day 2 (summary of main topics)	Training Coordinator
17.40	End of Day 2	
18.15	Guided tour	
20.00	Social dinner	

### **DAY 3 – Wednesday**

<i>Time</i>	<i>Topic</i>	<i>Tutor</i>
09.00 – 09.10	Overview of the topics introduced the previous day	TC
09.10 – 10.00	<p>TOPIC 4: ASSESSMENT OF POTENTIAL CONSEQUENCES</p> <p><u>4.1. Impact on the economic, the environmental and other sectors</u></p> <ul style="list-style-type: none"> <li>Economic impact (such as, impact on crop yields),</li> <li>Environmental side effects;</li> <li>Other factors (like society, specific sector, natural species, habitats, etc.) that could also be considered in potential impact assessment;</li> </ul> <p>Prediction of consequence of inaction when the pest continues to spread in the area.</p> <p><i>Presentation</i></p>	Tutor
10.00 – 10.45	<p>TOPIC 4: ASSESSMENT OF POTENTIAL CONSEQUENCES</p> <p><u>4.2. Case Study on impact assessment.</u></p> <p>Assessment of the impact, identification of endangered area, economic consequence. Continuation of the previous group case study exercise from Day 2 with specific examples in groups.</p> <p>Participants will have to:</p> <ul style="list-style-type: none"> <li>explain consequences of introduction, establishment and spread in the most possible scenario (direct, indirect impact and damage);</li> <li>predict the consequences of <u>inaction</u> when the pest continues to spread in the area.</li> </ul> <p>Later, after management part will be tackled, possible consequences of <u>action (with pest management) will be assessed.</u></p> <p><i>Practical group exercise (4 groups with 5 participants each) and plenary discussion</i></p>	Training Coordinator + Tutor



10.45 – 11.15	Coffee break	
11.15 – 12.00	<p>TOPIC 4: ASSESSMENT OF POTENTIAL CONSEQUENCES</p> <p><u>4.3. Case study on impact assessment: groups presentations</u></p> <p><i>Plenary discussion</i></p>	Training Coordinator + Tutor
12.00 – 12.45	<p>TOPIC 5: RISK MANAGEMENT</p> <p><u>5.1. Risk management options identification</u></p> <p>Identification of appropriate risk management options for risk reduction</p> <ul style="list-style-type: none"> <li>• Options for consignments;</li> <li>• Options for the prevention or reduction of infestation in the crop.</li> </ul> <p>Assessment of the effect of risk management options on the level of risks Plants for planting.</p> <ul style="list-style-type: none"> <li>- Import prohibition or special requirements</li> <li>- Treatment</li> <li>- Restrictions for movement, selling or distributing</li> <li>- Requirements for use</li> <li>- Destruction</li> </ul> <p><i>Presentation</i></p>	Tutor
12.45 – 13.45	Lunch	
13.45 – 14.25	<p>TOPIC 5: RISK MANAGEMENT</p> <p><u>5.2. Case study on risk management options identification</u></p> <p>Practical risk management assessment for specific pests in groups. Continuation of the group case study exercise for assessment from Day 2.</p> <p>Groups will have to propose the best fitting risk management options for the same pests used in the assessment exercise from Day 2 to reduce the level of risk of the pest to an acceptable level.</p> <p>Consequence of action applied when pest continues to spread in the area Previously in assessment part consequences of inaction were evaluated and predicted.</p> <p><i>Practical group exercise (4 groups with 5 participants each)</i></p>	Training Coordinator + Tutor
14.25 – 15.30	<p>TOPIC 5: RISK MANAGEMENT</p> <p><u>5.3. Case study on risk management options identification: groups presentation of the results and conclusions.</u></p> <p><i>Plenary discussion</i></p>	Training Coordinator + Tutor
15.30 – 16.00	Coffee break	
16.00 – 16.30	<p>TOPIC 5: RISK MANAGEMENT</p> <p><u>5.4. Risk management guidelines and related assessment aspects at international level</u></p> <p>EPPO and EFSA Guidelines and other international organizations (like IPPC, WTO), their guidelines and perception.</p> <p>Directive 2000/29/EC and Regulation (EU) 2016/2031 of the European Parliament and of the Council concerning protective measures against pests of plants and repealing Directive 2000/29/EC, Regulation (EU) No 1143/2014</p> <p><i>Presentation</i></p>	Tutor

16.30 – 17.15	<p>TOPIC 5: RISK MANAGEMENT</p> <p><u>5.5. Role play on risk management</u></p> <p>Participants will be divided in 2 groups – one representing the private sector (e.g. importer, plant grower, etc.) and another one composed of risk assessors. The participants will be placed in a real-life situation and they will have to take decisions/actions taking into account the group to which they belong.</p> <p>Examples of topics could be questions related to the legislation, import requirements in the EU or other.</p> <p><i>Role Play</i></p>	Training Coordinator + Tutor
17.15 – 17.25	Conclusions of Day 3 (summary of main topics)	Training Coordinator
17.25	End of Day 3	
19.00	Dinner	

#### ***DAY 4 – Thursday***

<i>Time</i>	<i>Topic</i>	<i>Tutor</i>
08.30 – 08.40	Overview of the topics introduced the previous day	Training Coordinator
08.40 – 09.15	<p>TOPIC 6: RISK ANALYSIS AND REPORTING</p> <p><u>6.1. Practical examples on existing PRA.</u></p> <p><i>Presentation</i></p>	Tutor
09.15 – 10.00	<p>TOPIC 6: RISK ANALYSIS AND REPORTING</p> <p><u>6.2. Case Study on PRA</u></p> <p>Evaluation of several PRAs and group judgments and suggestions for them.</p> <p><i>Practical group exercise (4 groups with 5 participants each)</i></p>	Training Coordinator + Tutor
10.00 – 10.30	Coffee break	
10.30 – 11.15	<p>TOPIC 6: RISK ANALYSIS AND REPORTING</p> <p><u>6.3. Case study on PRA: groups presentation of the results and conclusions</u></p> <p><i>Plenary discussion</i></p>	Training Coordinator + Tutor
11.15 – 12.00	<p>TOPIC 6: RISK ANALYSIS AND REPORTING</p> <p><u>6.4. PRA reporting</u></p> <p>Principal requirements for documentation of pest risk assessment process and submission of dossiers. Reporting:</p> <ul style="list-style-type: none"> <li>• The most important for reporting, results,</li> <li>• different reporting formats (usage – border PRA, quick decisions, EU pest reports, other),</li> <li>• Specific programs, methodological issues, environmental aspects, etc.</li> </ul> <p><i>Presentation</i></p>	Tutor
12.00 – 12.45	<p>TOPIC 6: RISK ANALYSIS AND REPORTING</p> <p><u>6.5. Case study on PRA documentation and reporting.</u></p> <p>Groups will put the main information about pests from group works in the report for EU.</p> <p>Overall assessment of risk.</p> <p><i>Practical group exercise (4 groups with 5 participants each)</i></p>	Training Coordinator + Tutor
12.45 – 13.45	Lunch	

13.45 – 14.30	<p><u>Discussion in small groups on all the previous case studies</u></p> <p>Summary of the most important aspects from assessments, development and cooperation with participants in developing the final results about specific case studies</p> <p><i>Group discussion</i></p>	Training Coordinator + Tutor
14.30 – 15.15	<p>TOPIC 7: RISK COMMUNICATION AND SURVEILLANCE</p> <p><u>7.1. Introduction to risk communication</u></p> <ul style="list-style-type: none"> <li>• Best instruments and practices, different expert involvement, analytical results</li> <li>• Different tools and results to show for different targets to reach (eg. scientists vs general public)</li> <li>• Communication strategies to be adopted in case of crisis situations</li> </ul> <p><i>Presentation</i></p>	Training Coordinator
15.15 – 15.45	Coffee break	
15:45 – 16:00	<p>TOPIC 7: RISK COMMUNICATION AND SURVEILLANCE</p> <p><u>7.2. Exchange on best practices for risk communication</u></p> <p><i>Plenary discussion</i></p>	Training Coordinator
16.00 – 16:45	<p>TOPIC 7: RISK COMMUNICATION AND SURVEILLANCE</p> <p><u>7.3. The importance of surveillance in risk assessment.</u></p> <ul style="list-style-type: none"> <li>• Data to support the enlarged monitoring needs to detect new hosts;</li> <li>• More precise analysis to make specific decision;</li> <li>• Control can show new risks or pathways or management possibilities.</li> </ul> <p><i>Presentation</i></p>	Training Coordinator
16:45 – 17:15	<p>TOPIC 7: RISK COMMUNICATION AND SURVEILLANCE</p> <p><u>7.4. Case study on risk communication (part 1)</u></p> <p>Task for each group: to discuss and develop appropriate communication for specific target about specific given data for specific different case.</p> <p><i>Practical group exercise (4 groups with 5 participants each)</i></p>	Training Coordinator
17:15 – 18:00	<p>TOPIC 7: RISK COMMUNICATION AND SURVEILLANCE</p> <p><u>7.5. Case study on risk communication (part 2)</u></p> <p>Working Group presentation of specific case aiming to explain previously prepared material to the audience and trying to convince them to start monitoring for the specific pest.</p> <p><i>Plenary exercise</i></p>	Training Coordinator
18:00 – 18:10	Conclusions of Day 4 (summary of main topics)	Training Coordinator
18:10	End of Day 4	
19:00	Dinner	

**DAY 5 – Friday**

<i>Time</i>	<i>Topic</i>	<i>Tutor</i>
08:30 – 08:40	Overview of the topics introduced the previous day	Training Coordinator
08:40 – 09:25	<p>TOPIC 6: PESTICIDES RISK ASSESSMENT</p> <p><u>6.6. Plant protection products/agents</u></p> <ul style="list-style-type: none"> <li>• Introduction to pesticides risk assessment and its legal framework</li> <li>• MRL setting process, where you can find set MRL, evaluation, surveillance</li> <li>• Different country – different requirements, examples</li> <li>• Intended use of product</li> <li>• Pest resistance</li> </ul> <p><i>Presentation</i></p>	Tutor
09:25 – 09:45	<p>TOPIC 6: PESTICIDES RISK ASSESSMENT</p> <p><u>6.7. Exchange of best practices related to plant protection agents</u></p> <p><i>Plenary discussion</i></p>	Training Coordinator + Tutor
09:45 – 10:30	<p>TOPIC 6: PESTICIDES RISK ASSESSMENT</p> <p><u>6.8. Plant protection agents/pesticides vs plant health/diseases</u></p> <p>Differences and key examples (e.g. <i>Xylella fastidiosa</i>, Citrus black spot);</p> <ul style="list-style-type: none"> <li>• Experience in the world;</li> <li>• Host plants and Plant protection agents/pesticides;</li> <li>• Vectors;</li> <li>• Cooperation in risk assessment and action and cooperation against their spread, action emergency plans and actions;</li> <li>• The tools to act, management options, the effect of it.</li> </ul> <p><i>Presentation and Q&amp;A</i></p>	Training Coordinator
10:30 – 11:00	Coffee break	
11:00 – 11:15	<p>Dissemination of the contents of the training</p> <p><i>Presentation</i></p>	Training Coordinator
11:15 – 11:45	Final Test of knowledge	
11:45- 12:15	HaDEA on-line evaluation of training	
12:15 – 12:30	Training certificates and training conclusions	
12:30	Lunch	

## **Annex 4: Training material, outcomes and dissemination activities**

### Training material

All participants will receive the training material well in advance of the training. The material will include additional pre-recorded material for offline studies. Preparatory videos will introduce the specific topic and provide background information to participants.

All participants will receive a Dissemination Kit electronically to enable them to actively disseminate course knowledge upon their return from BTSF training. Participants attending face-to-face courses will receive the information on the USB key.

### Dissemination Kit

This contains the following training materials:

- All course presentations
- Study notes on field trips and group activities/discussions and conclusions thereof
- The course syllabus
- The training information sheet
- Glossary of terms and abbreviations used in the course
- Additional references for further study
- Written guidance on how to actively disseminate course knowledge to colleagues upon participants' return to their home countries, different methodologies/examples/best practice
- Other information and material delivered at the course such as quizzes, FAQs etc.

### Dissemination questionnaire

Participants will be requested to commit themselves to disseminate the knowledge received via different dissemination methods, i.e. informing colleagues about the information received at the training, distributing (photocopying or sending via electronic way) the training materials among their colleagues. Two to three months after the respective training session, participants will receive a standard questionnaire requesting information on the dissemination activities of the participant after the training, and details on differences in the approach adopted in day-to-day work following the training.

### Test of knowledge

Furthermore, the programme will include an anonymous knowledge test to be carried out at the beginning and at the end of each training session in order to measure the impact of the training on the understanding of the participants of the subjects taught.

Participants are expected to agree to carry out the above tests and to reply to the surveys and questionnaires.

Participants agree to be registered in the BTSF Academy and to participate in a group photo of the participants and tutors at the end of the training.

Please find more information regarding data protection here:

<https://better-training-for-safer-food.ec.europa.eu/training/mod/page/view.php?id=417>

## Annex 5: Contractor contact details

The project is managed by OPERA Srl, in consortium with NSF Euro Consultants SA.



Project manager:

**Claudio BOMPARD**

Training coordinator for Course 3:

**Astra GARKAJE**

Separate notifications will be sent to National Contact Points for each course and will contain the names and contact details of the Event Manager and Assistant Event Manager as well as logistical details on the event.

All official communication between National Contact Points and the project will be maintained through the functional e-mail address [20189605riskassessment@btsftraining.com](mailto:20189605riskassessment@btsftraining.com) or by phone to +39 06 80773315 telephone number.

All information on BTSF training can be found at the [BTSF Academy](https://www.btsftraining.com) website and at [www.btsftraining.com/btsf-risk-assessment](http://www.btsftraining.com/btsf-risk-assessment). The website will be regularly updated with details of forthcoming courses.

### Data Protection Notice for the BTSF online Trainings

This processing operation concerns the participation in BTSF online training activities which are held within the context of the Better Training for Safer Food Initiative (BTSF) and hosted in the BTSF ACADEMY to provide wider accessibility to training in the areas of food law, feed law, animal health and animal welfare rules, as well as plant health rules by using a state-of-the-art and interactive e-learning system. The BTSF is a Commission DG Health and Food safety (DG SANTE) Initiative managed by the European Health and Digital Executive Agency (HaDEA) and aimed at organising a EU training strategy in the areas mentioned above.

This data protection notice explains the reason for the processing of all personal data provided and how HaDEA collects and handles them and ensures their protection. It also details how that information is used and what rights the data subject may exercise in relation to the data. Your personal data is processed in accordance with Regulation (EU) No 2018/1725. Please find more details on the following link <https://better-training-for-safer-food.ec.europa.eu/training/mod/page/view.php?id=417>.