



# SCIENTIFIC TRAINING IN EFSA

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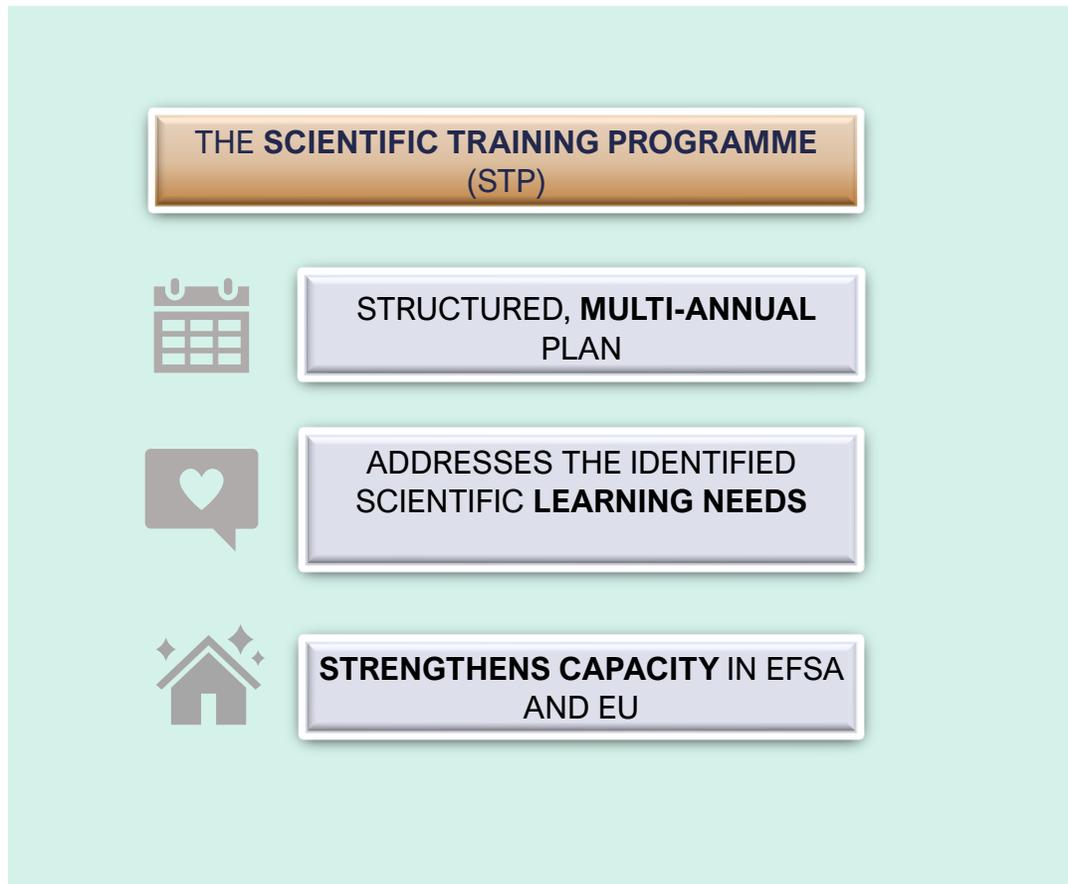
# CONTENT

- EFSA Scientific training programme (STP) set-up concept
- 2025 pilot - FP contribution & feedback – lessons learnt
- 2026 STP in a nutshell
- Set-up of the 2027 STP

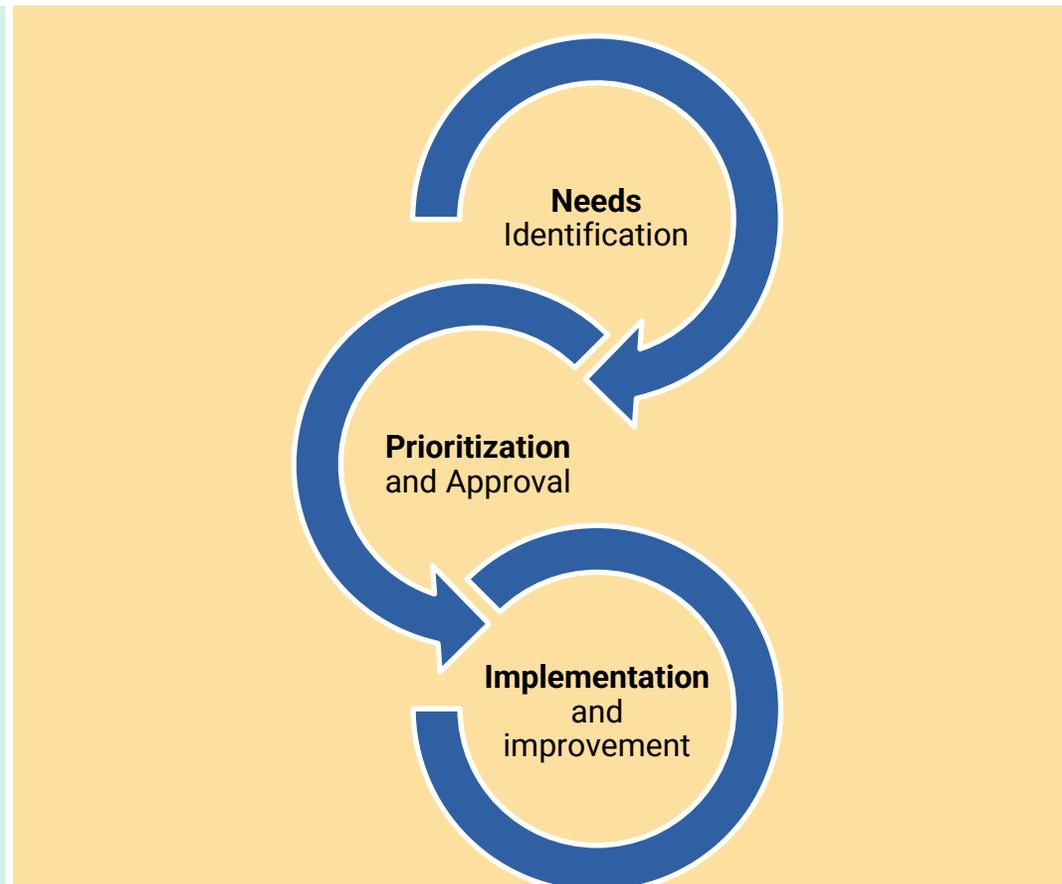


# EFSA SCIENTIFIC TRAINING PROGRAMME (STP) SET-UP CONCEPT

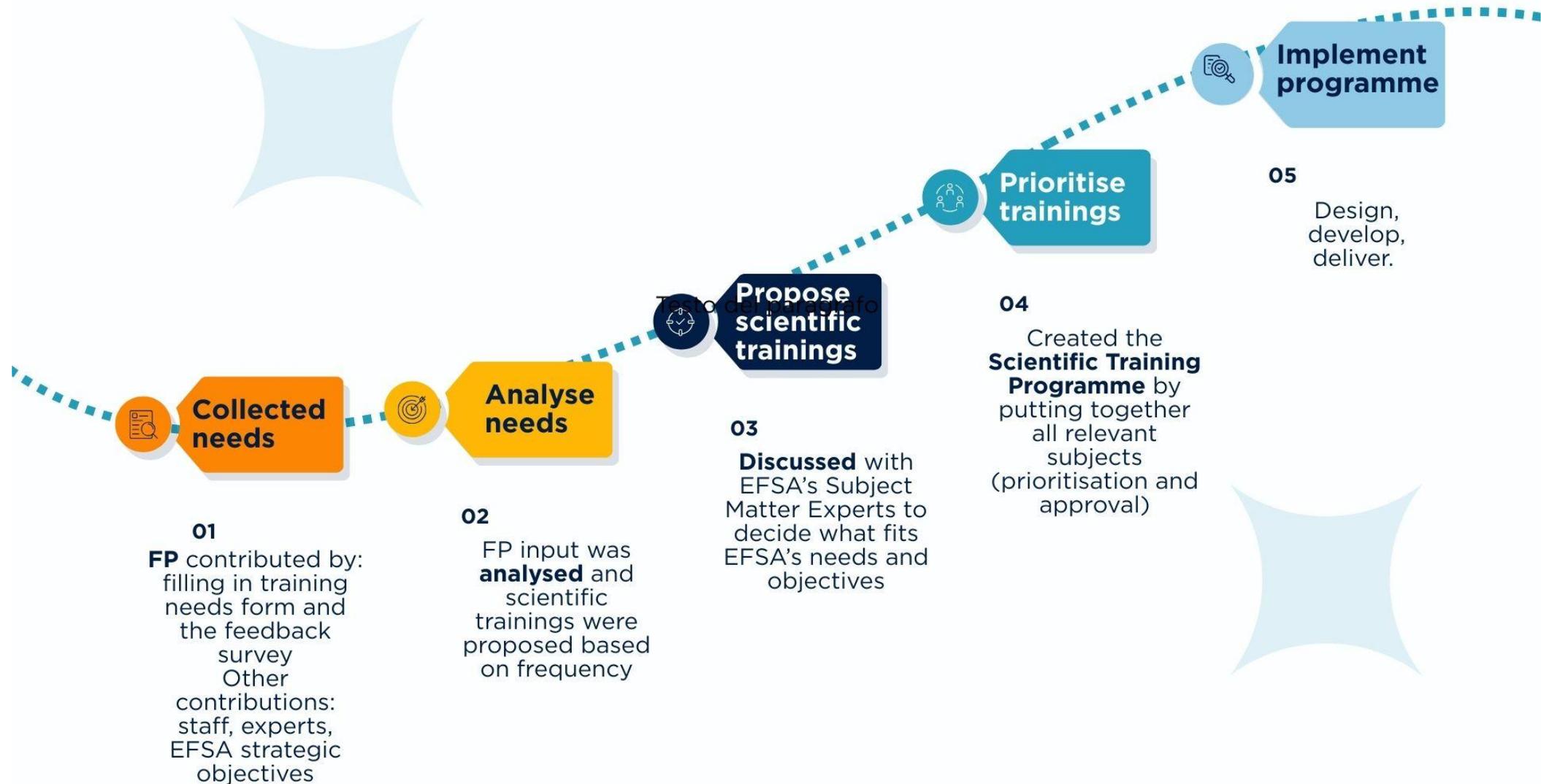
## CONCEPT



## CYCLE



# 2025 PILOT THE SET-UP OF 2026 STP



# 2025 PILOT FP CONTRIBUTION & FEEDBACK – LESSONS LEARNT

CHALLENGES	FEEDBACK / FINDINGS	PROPOSAL for improvement
<b>Big time gap</b>	<i>Input offered by MS in 2024 considered for 2026 STP</i>	<p><b>Adjust deadlines for “cut-off point”</b></p> <hr/> <p>1. Input collected until 31.08 in year N considered for N+1 STP</p> <p>2. Input collected after 31.08 in year N, considered for N+2 STP</p>
<b>Heterogenous input</b>	<i>Collected needs vary in specificity level and/or in relation with EFSA’s remit</i>	<p><b>Adjust prioritisation</b></p> <hr/> <p>Prioritise repetition of existing training</p> <p>Prioritise needs related to EFSA guidance documents or methodologies</p> <p>Prioritise needs that will allow MS to apply for EFSA calls</p>
<b>Lack of information re training participation</b>	<i>FP have limited to no information regarding training participation from their respective MS</i>	<p><b>Provide regular updates</b></p> <hr/> <p>Invite FP to nominate participants for selected courses</p> <p>Provide FP with information on training participation on annual basis</p>

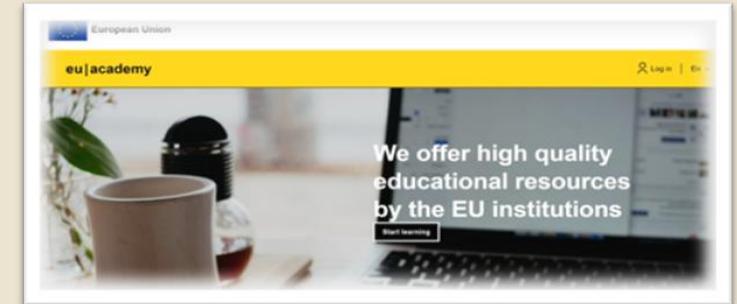


# 2026 STP IN A NUTSHELL

## 2026 Scientific Training Programme - 25 topics

 <b>Risk-benefit assessment</b>	 <b>Genotoxicity assessment</b>
 <b>Uncertainty analysis</b>	 <b>Protocol development</b>
 <b>Weight of evidence approach</b>	 <b>Benchmark Dose Approach</b>
 <b>Appraising and integrating evidence</b>	 <b>Environmental risk assessment</b>

AOP	Read Across	Systematic Review	Genotoxicity
Novel foods guidances	SME Academy (support for applicants)	EKE	RA of Food Enzymes



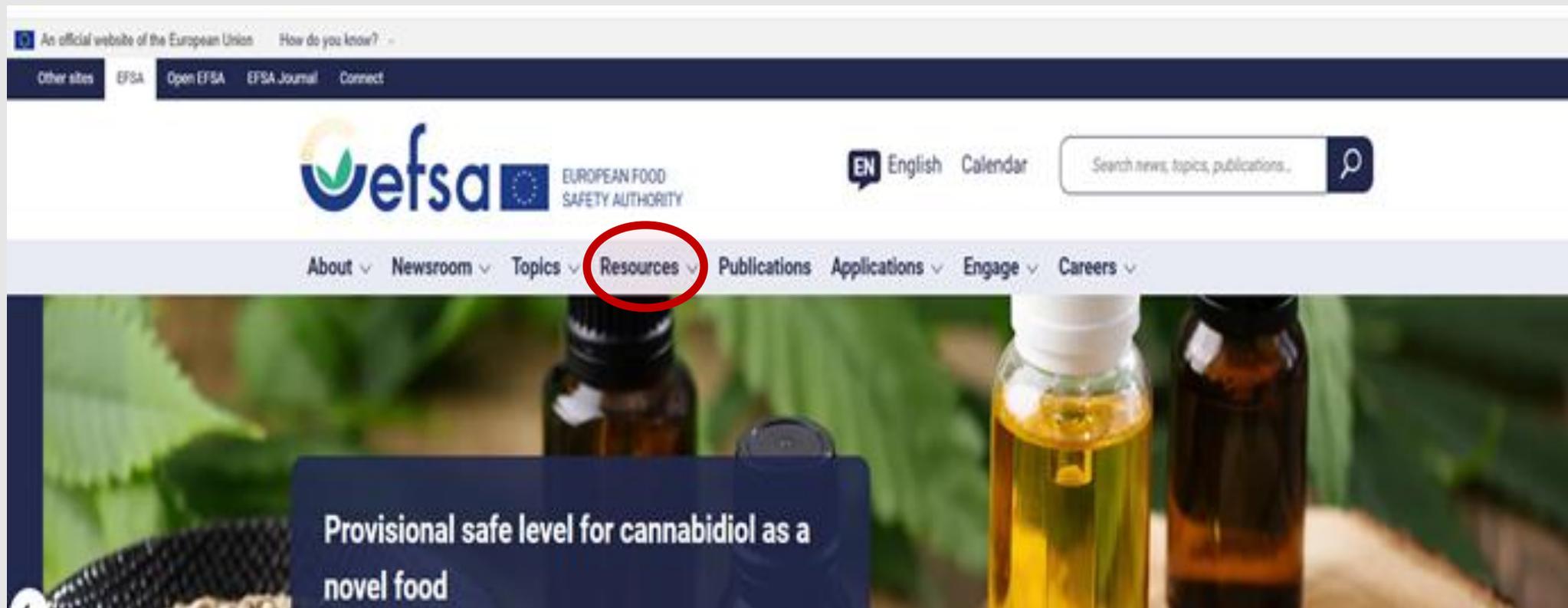
**MSs contribution to the 2026 STP - 8 Topics**

**Other areas of knowledge included in the STP 2026**  
(EFSA management and experts' consultation)

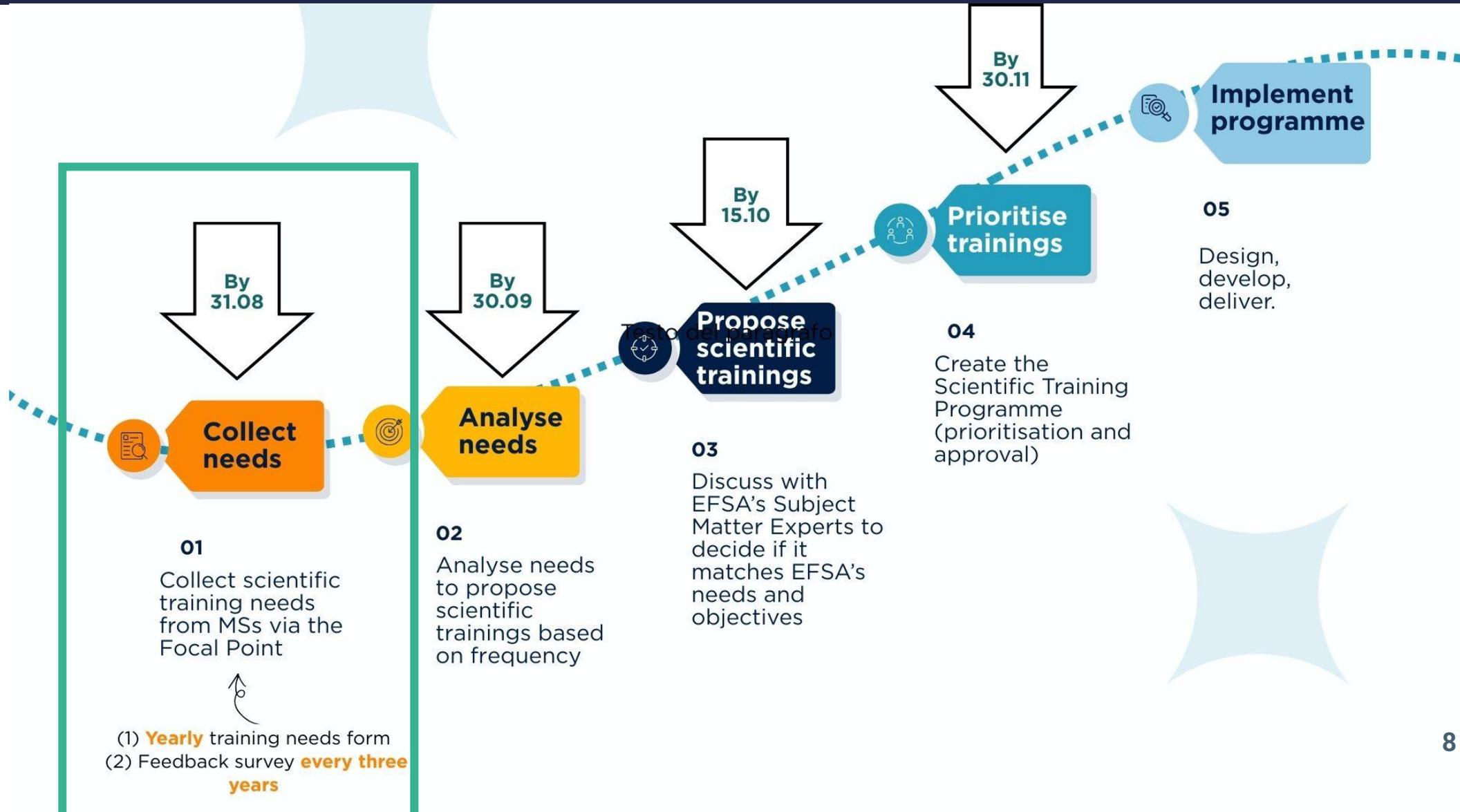
**Courses already available @ EU Academy**

See Annex for full 2026 STP, including links to EU Academy courses

# OUR LEARNING OFFER PARTIALLY ON EFSA WEBSITE



# SET-UP OF THE 2027 STP





## ANNEX 1

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# 2026 SCIENTIFIC TRAINING PROGRAMME



# 2026 SCIENTIFIC TRAINING PROGRAMME

	Knowledge area	Learning Solution	Target audience
Q2	<b>AOP</b> A practical introduction to the use of mechanistic data in risk and hazard assessment, with a focus on the Adverse Outcome Pathway (AOP) framework.		Scientific Officers, Panel/WG/Network Members
Q2	<b>Read-across guidance</b> To support the implementation of EFSA's Scientific Committee guidance on the use of read-across for chemical safety assessment in food and feed.		Scientific Officers, Panel/WG/Network Members
Q2	<b>Study selection, data extraction and synthesis</b> Introduction to the principles of study selection, data extraction, data synthesis (including meta-analysis) and interpretation		Scientific Officers, Panel/WG/Network Members
Q3	<b>TK PLATE 1.0</b> Practical training to describe and apply the TKPlate platform 1.0 for the integration of New approach methodologies (NAMs)		Scientific Officers, Panel/WG/Network Members
Q3	<b>AOP</b> A practical introduction to the use of mechanistic data in risk and hazard assessment, with a focus on the Adverse Outcome Pathway (AOP) framework.		Scientific Officers, Panel/WG/Network Members
Q4	<b>Epidemiology</b> Basic knowledge and understanding of principles of certain areas of epidemiology relevant to EFSA's work.		Scientific Officers, Panel/WG/Network Members



Online course



Classroom course



Online self-paced resources: webinars, on-line talks, articles, short e-learning courses



On the job learning



# 2026 SCIENTIFIC TRAINING PROGRAMME

	Knowledge area	Learning Solution	Target audience
Q4	<b>Genotoxicity</b> A deep dive into genotoxicity assessment, with a focus on EFSA's guidance documents and its regulatory applications.		Scientific Officers, Panel/WG/Network Members
Q4	<b>BMD</b> Introduction to the Benchmark Dose (BMD) approach for risk assessment		Scientific Officers, Panel/WG/Network Members
Q4	<b>AOP</b> A practical introduction to the use of mechanistic data in risk and hazard assessment, with a focus on the Adverse Outcome Pathway (AOP) framework.		Scientific Officers, Panel/WG/Network Members
Q4	<b>Genotoxicity</b> A deep dive into genotoxicity assessment, with a focus on EFSA's guidance documents and its regulatory applications		Member States



Online course



Classroom course



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On the job learning



\*Delivery dates are indicative, the exact delivery date will be communicated throughout the year via the corporate communication channels



# 2026 SCIENTIFIC TRAINING PROGRAMME

## EU ACADEMY

	Knowledge area	Learning Solution	Target audience
Q1-26	<b>Novel Food Guidance (Part 1)</b> EFSA Guidance on the scientific requirements for an application for authorization of a Novel Food in the context of Regulation (EU) 2015/2283		Identified target audience
Q1-26	<b>SME Academy (module 1 -5)</b> Trainings is designed to support applicants—especially SMEs—in preparing their regulated product applications and navigating the overall application process.		Identified target audience
Q1	<b>Steering an Expert Knowledge Elicitation</b> Introduction to the methodology of using structured expert judgements to support scientific assessment and uncertainty analysis.		Scientific Officers, Panel/WG/Network Members
Q1-26	<b>Novel Food - Plants</b> EFSA scientific Novel Food guidance, focusing on the specific data needed for plant-derived NFs		Identified target audience
Q3-26	<b>Risk Assessment of Food Enzymes</b> The training offers a structured overview of EFSA’s risk assessment process for food enzymes.		Identified target audience
Q3-26	<b>Novel foods –Guidance (part 2)</b> EFSA Guidance on the scientific requirements for an application for authorization of a Novel Food in the context of Regulation (EU) 2015/2283		Identified target audience
Q4-26	<b>SME Academy (module 6 -10)</b> Trainings is designed to support applicants—especially SMEs—in preparing their regulated product applications and navigating the overall application process.		Identified target audience



Online course



Classroom course



External course



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On the job learning



# 2026 SCIENTIFIC TRAINING PROGRAMME

## EU ACADEMY

	Knowledge area	Learning Solution	Target audience
<a href="#">Available in EU Academy</a>	<p><b>Protocol development for scientific assessments in food and feed safety: EFSA's approach</b></p> <p>An overview on EFSA's 2023 Scientific Committee guidance (GD) on protocol development (PD).</p>		EFSA Staff, Panel/WG/Network Members
<a href="#">Available in EU Academy</a>	<p><b>Uncertainty analysis in EFSA's scientific assessments</b></p> <p>This training offers a comprehensive introduction to uncertainty analysis as applied in assessments conducted by EFSA</p>		EFSA Staff, Panel/WG/Network Members
<a href="#">Available in EU Academy</a>	<p><b>Principles on EFSA genotoxicity assessment</b></p> <p>This course introduces the genotoxicity assessment of chemicals in food as a key component of risk assessment, highlighting EFSA's harmonised testing strategies and guidance.</p>		EFSA Staff, Panel/WG/Network Members
<a href="#">Available in EU Academy</a>	<p><b>EFSA's Weight of Evidence approach</b></p> <p>An overview on the EFSA's guidance on the use of the weight of evidence (WoE) approach in scientific assessments.</p>		EFSA Staff, Panel/WG/Network Members
<a href="#">Available in EU Academy</a>	<p><b>IUCLID for applicants</b></p> <p>The course covers key steps in dossier preparation and submission.</p>		Applicants
<a href="#">Available in EU Academy</a>	<p><b>IUCLID for evaluators</b></p> <p>The course covers key steps for dossier admissibility and evaluation.</p>		Restricted audience



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On the job learning



# 2026 SCIENTIFIC TRAINING PROGRAMME

## EU ACADEMY

	Knowledge area	Learning Solution	Target audience
<a href="#">Available in EU Academy</a>	<p><b>Methodology for verification of GLP studies</b></p> <p>The course elaborates on the criteria and methodology for verifying GLP studies submitted within an application for regulated products</p>		EFSA Staff, Panel/WG/Network Members
<a href="#">Available in EU Academy</a>	<p><b>Performing retrospective cumulative risk assessment using Open MCRA</b></p> <p>This training introduces the methodology, the Monte Carlo Risk Assessment (MCRA) software, and the necessary data.</p>		EFSA Staff, Panel/WG/Network Members
<a href="#">Available in EU Academy</a>	<p><b>EFSA Plant pest surveillance toolkit</b></p> <p>This course introduces EFSA's methodological framework for statistically sound, risk-based plant pest surveillance.</p>		EFSA Staff, Panel/WG/Network Members
<a href="#">Available in EU Academy</a>	<p><b>Risk communication in Food Safety at EFSA</b></p> <p>This course highlights the importance of effective risk communication in the food safety sector.</p>		EFSA Staff, Panel/WG/Network Members
<a href="#">Available in EU Academy</a>	<p><b>Learning DistillerSR Artificial intelligence System (DAISY)</b></p> <p>AI in systematic reviews, including its integration into the SR workflow and the specific AI functionalities available in DistillerSR.</p>		EFSA Staff, Panel/WG/Network Members
<a href="#">Available in EU Academy</a>	<p><b>Introduction to the steps of a systematic review</b></p> <p>Introduction to formulate SR questions and protocols, conduct literature searches, screen and appraise evidence, and interpret data synthesis for evidence-based conclusions.</p>		EFSA Staff, Panel/WG/Network Members



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On the job learning



# 2026 SCIENTIFIC TRAINING PROGRAMME

## (ALREADY DELIVERED)

	Knowledge area	Learning Solution	Target audience
Q1	<p><b>Microbiological and chemical risk integration</b></p> <p>Introduction to the Risk-benefit assessment (RBA) of foods, a decision-support tool that assesses the combined beneficial and adverse health effects of foods, diets, or food components.</p>	 	Scientific Officers, Panel/WG/Network Members
Q1	<p><b>Protocol development</b></p> <p>An overview on the EFSA principles and processes on protocol development</p>	 	Scientific Officers, Panel/WG/Network Members
Q1	<p><b>Information retrieval - Techniques and Search Strategy Design for scientific assessments</b></p> <p>Principles of comprehensive searching and retrieval of evidence for scientific assessments</p>		Scientific Officers, Panel/WG/Network Members
Q1	<p><b>Read-across guidance</b></p> <p>To support the implementation of EFSA's Scientific Committee guidance on the use of read-across for chemical safety assessment in food and feed</p>		Scientific Officers, Panel/WG/Network Members



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