AHWA07 part 2

Request for Scientific and technical assistance for a coordinated surveillance system under the One Health approach for cross-border pathogens that threaten the Union

Andrea Gervelmeyer

Senior Scientific Officer

Trusted science for safe food

efsa
European Food Safety Authority

Member States	EFSA

• Identify existing sample collection modalities or setting up new ones with a novel One Health approach
• Carry out diagnostic procedures
• Organise national data collection, collation and national data sharing
• Carry out preliminary national assessment (across animal, public, environmental health in a One Health approach)
   • identify national risks and priorities for the future
• Share data with EFSA
• Contribute to yearly re-prioritisation exercise of EFSA/ECDC
   • identify current/ future health risks for the Union
• Address residual capacity/awareness building needs
	• Design the surveillance system
	   • in coordination with ECDC, with active participation of Member States
	   • synergy with relevant actions carried out at international level
	• Carry out a risk assessment for identifying priorities and methodologies of the surveillance system
	   • in coordination with ECDC, with active participation of Member States
	• Establish a coordination mechanism to ensure
	   • regular exchange of knowledge
	   • threats reporting
	   • joint undertaking of risk assessment by animal and human health surveillance experts at Union and Member State level

DG SANTE request to EFSA for scientific and technical assistance (Art. 31)

By Jan 2023	2024 - 2026	
Design	**Implement**	**Review**
Design of an EU coordinated surveillance system under the One Health approach for cross-border zoonotic pathogens that may threaten the Union	Implement the surveillance system and collect surveillance data	Regular risk assessment based on surveillance data to review the surveillance priorities and methodologies

DG SANTE request to EFSA for scientific and technical assistance (Art. 31)

efsa
European Food Safety Authority

Design of an EU coordinated surveillance system under the One Health approach for cross-border zoonotic pathogens that may threaten the Union

Review scientific literature on surveillance for cross-border zoonoses in animals and the environment

Map existing structured systematic EU surveillance initiatives for zoonoses in animals and the environment

Prioritisation exercise to identify priority zoonotic risks for the EU, its neighbouring areas and beyond, to be included in the surveillance

Recommend and agree options for sustainable surveillance strategies for early detection of emerging and re-emerging zoonoses in Member States, defining all relevant traits of the surveillance system, based on relevant standards and examples identified

DG SANTE request to EFSA for scientific and technical assistance (Art. 31)

Implement the surveillance system and collect surveillance data
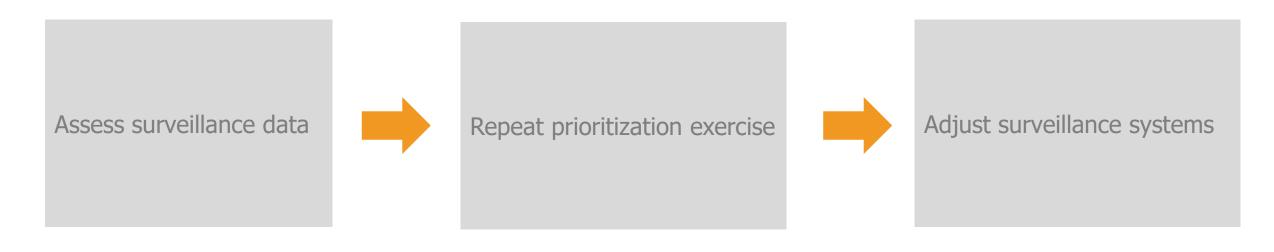
Define the data model based on SSD and other relevant standards (e.g., SIGMA)

Develop/Adapt a data collection framework

Develop tool for automatic generation of standard surveillance result reports

Develop platform for the exchange, discussion and joint assessments of surveillance results
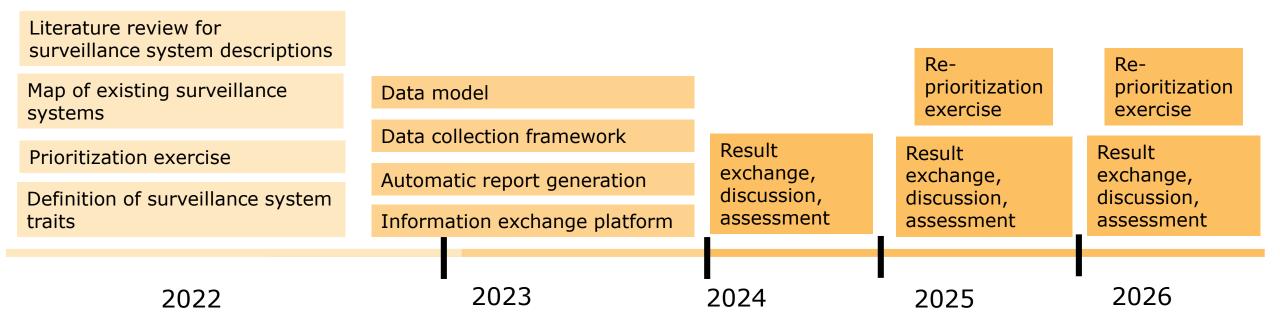
DG SANTE request to EFSA for scientific and technical assistance (Art. 31)

efsa
European Food Safety Authority

Regular risk assessment based on surveillance data to review the surveillance priorities and methodologies

Assess surveillance data ➡ Repeat prioritization exercise ➡ Adjust surveillance systems

Tentative Timelines

Literature review for surveillance system descriptions

Map of existing surveillance systems

Prioritization exercise

Definition of surveillance system traits

Data model

Data collection framework

Automatic report generation

Information exchange platform

Result exchange, discussion, assessment

Re-prioritization exercise

Result exchange, discussion, assessment

Re-prioritization exercise

Result exchange, discussion, assessment

2022   2023   2024   2025   2026

Next steps

March	Develop work plan
	Develop protocols for tasks for review, mapping and prioritisation and start work
April	Present high-level proposal to EFSA Advisory Forum meeting (7/04)
June	Discuss project with EFSA's AHAW Network (MS RA)
October	Prioritisation workshop

Stay connected

Subscribe to
efsa.europa.eu/en/news/newsletters
efsa.europa.eu/en/rss

Receive job alerts
careers.efsa.europa.eu – job alerts

Follow us on Twitter
@efsa_eu
@plants_efsa
@methods_efsa
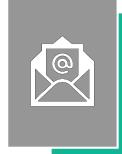@animals_efsa

Follow us Linked in
Linkedin.com/company/efsa

Contact us
efsa.europa.eu/en/contact/askefsa