

PAFF meeting
07 July 2022



Coordinated surveillance system under the One Health approach for cross-border pathogens that threaten the Union

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Trusted science for safe food

- Direct Grant opportunity
 - EFSA mandate
 - Progress of activities
 - Timelines
 - Grant timelines
-
- Initiate collaboration between EFSA and interested MS now

CP-g-22-04.01

Protecting people in the Union from serious cross-border threats to health

Strengthening the responsiveness of MS's health systems

Strengthening coordination among the Member States

Emerging & Re-emerging zoonotic pathogens

in animals and environment

Member States

neighbouring third countries of concern & possibly other third countries

Setting up/ scaling up of animal and environmental surveillance system

Purchase of equipment/ consumables, awareness campaigns

Systematic ongoing collection of data and reporting to EFSA

Member States

- Identify existing *sample collection modalities* or setting up new ones with a novel One Health approach
- Carry out preliminary national assessment (across animal, public, environmental health in a One Health approach)
 - *identify national risks and priorities* for the future
- Organise *national data collection, collation and national data sharing*
- Carry out *diagnostic procedures*
- *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

EFSA

- *Design the surveillance system*
 - in coordination with ECDC, with active participation of Member States
 - in 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)

EFSA provides the scientific framework for the coordinated surveillance system under the One Health approach for cross-border pathogens that threaten the Union

Design

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

By Jan 2023

Implement design

Implement the surveillance system at EFSA and collect surveillance data from MS

2023 - 2026

Review design

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

- Contractor
 - Enetwild, Vectornet, ISA contract
- Working Group
 - Fernanda Dorea, Simon Ruegg, John Berezowski (HE), Jonathan Suk (ECDC), Katinka de Balogh (FAO)
- ECDC
- Member States intending to apply for direct grant

I. EU coordinated surveillance system design – priority pathogens



I. EU coordinated surveillance system design – surveillance strategies

EFSA's Contractor

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



EFSA's Working Group

Propose **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



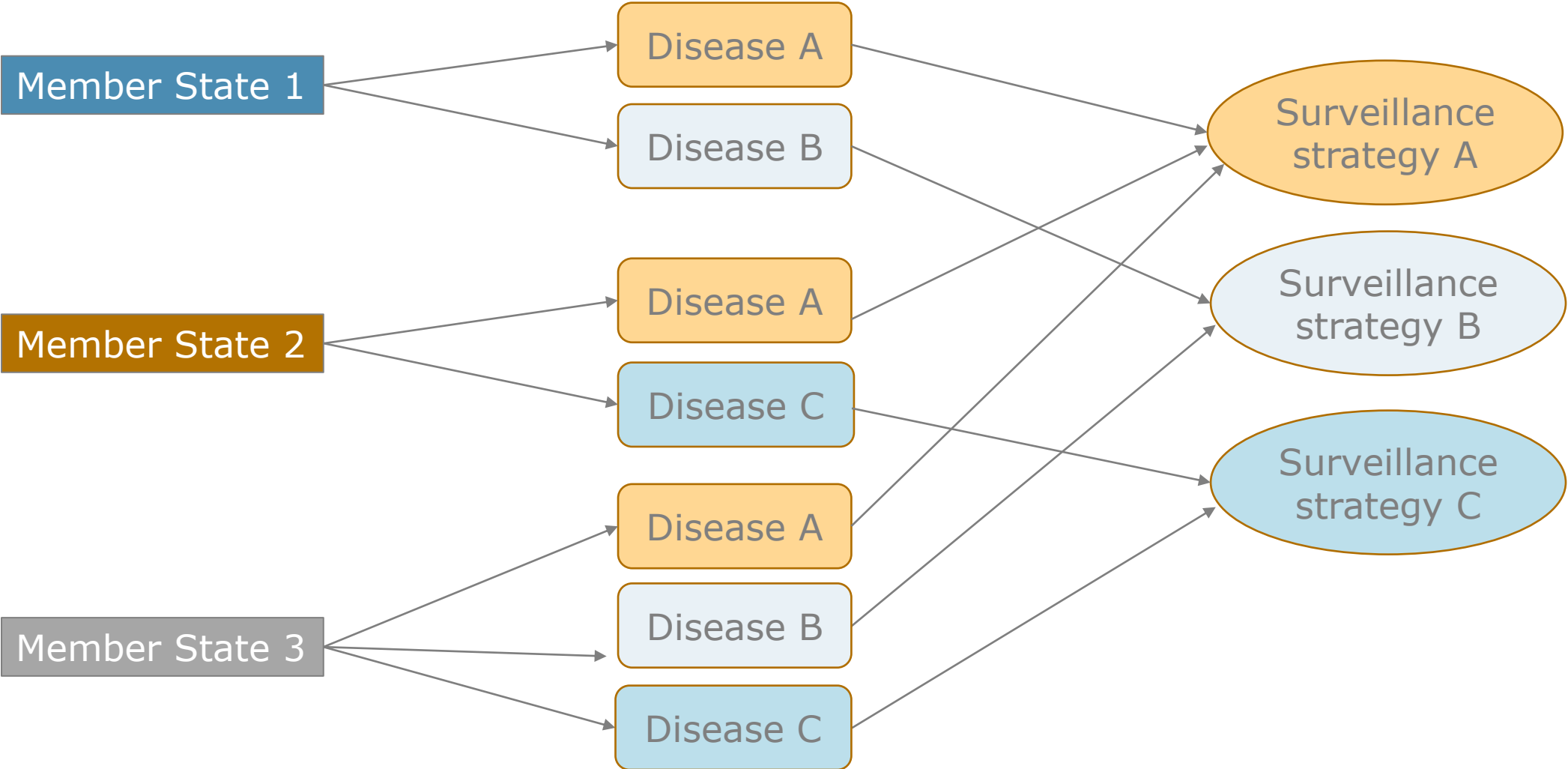
Member States

Agree sustainable surveillance strategies for early detection of emerging and re-emerging zoonoses in Member States, including all relevant traits of the surveillance system

December 2022

Prioritisation exercise

Definition of surveillance strategies



II. Implement the surveillance system at EFSA and collect surveillance data

2023

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

Develop tool for automatic generation of standard surveillance result reports

Develop/Adapt a data collection framework

Develop platform for the exchange, discussion and joint assessments of surveillance results



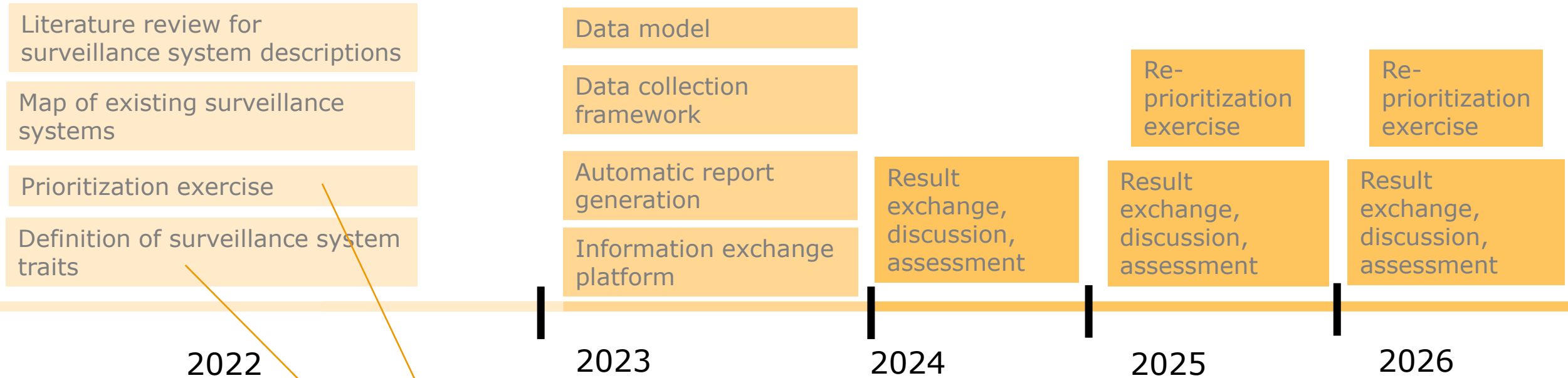
Dashboards

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



Annually as of 2025

Tentative Timelines EFSA



2022

2023

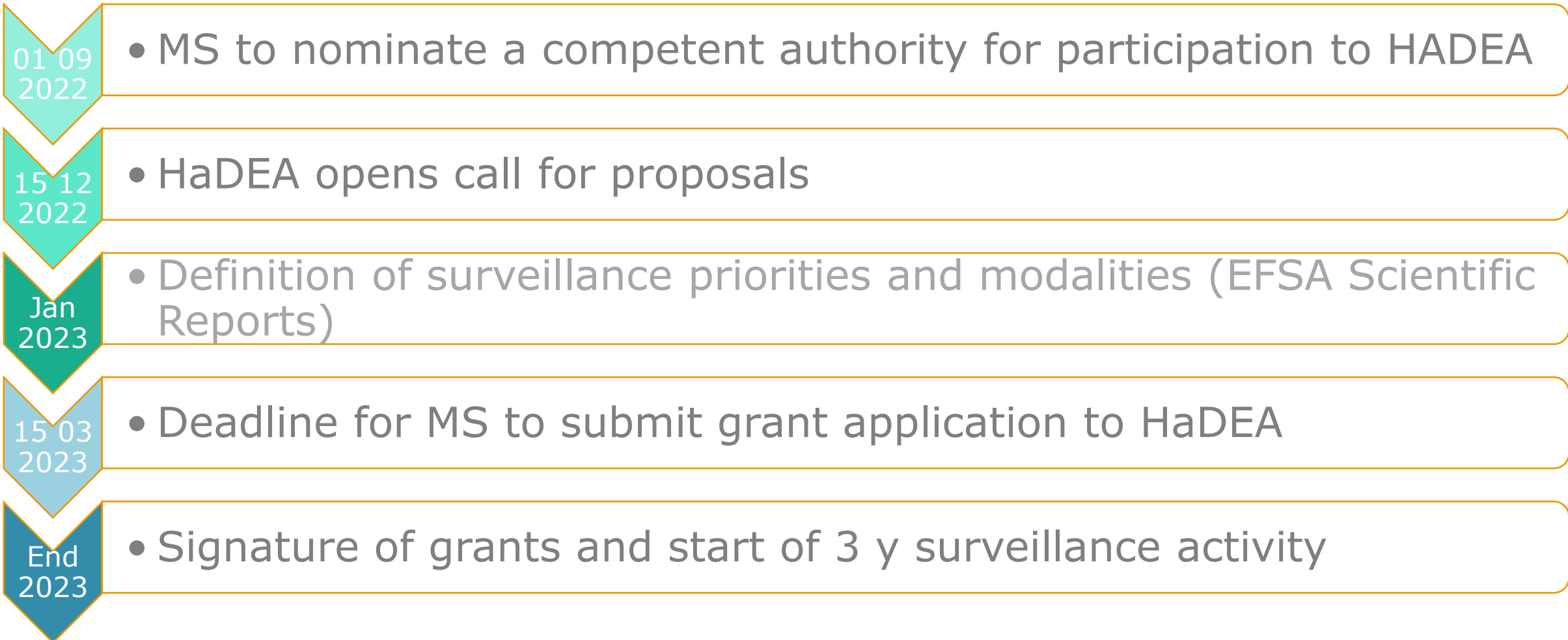
2024

2025

2026

EFSA Scientific Reports, Jan 2023

Provisional timeline of CP-g-22-04.01



- Intention to apply:
 - AT, DE, DK, ES, HR, IT, NL, SE
 - Considering if to apply:
 - FI, FR, PL, PT
 - Others?
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- Start the collaboration with EFSA now!
 - Lead and affiliated authorities/entities to be involved
 - Relevant counterparts (knowledge, decision-making)
 - Information on existing activities, structures relevant for one health surveillance