

101ST ADVISORY FORUM
VIRTUAL, 07-08 OCTOBER 2026

FEEDBACK ON EVENT: WHOLE GENOME SEQUENCING – FROM NEW EU RULES TO ACTION

BIOHAW unit

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NEW LEGAL FRAMEWORK WGS IN FOODBORNE OUTBREAKS

2025/179

COMMISSION IMPLEMENTING REGULATION (EU) 2025/179

of 31 January 2025

on the collection and transmission of molecular analytical data within the frame of epidemiological investigations of food-borne outbreaks in accordance with Directive 2003/99/EC of the European Parliament and of the Council

BEFORE

Voluntary data sharing

- Upon request from EFSA
- Based on national strategies

FROM 23/08/2026 ONWARDS

Mandatory data sharing

- Mandatory sharing by **Member States**
- Requirement for the **industry** to collaborate



WGS IN FOODBORNE OUTBREAKS: A SEVER-YEAR JOURNEY

2019 EC mandate

Design of the joint One Health Whole Genome Sequencing system

2022 System operational

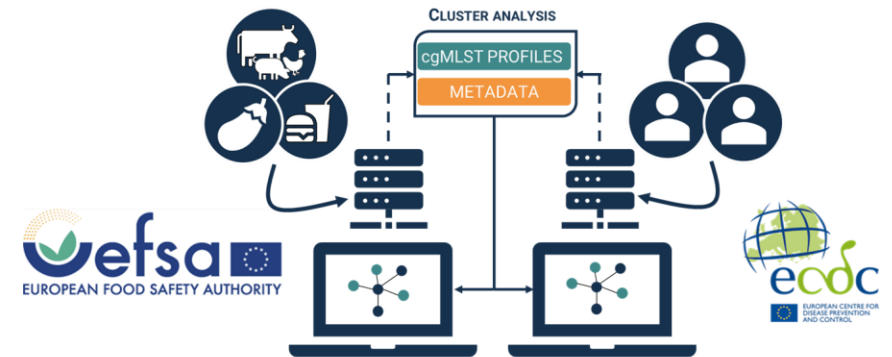
Joint One Health WGS system goes live

2022-2026 Engagement

Enrolment of nominated users



Two interoperable systems that interact to search for cross-sectoral matches



Training
Networking
Bilateral collaboration



HIGHLIGHTS ON THE EVENT ON WGS

Stakeholders

- EU institutions
- International organisations
- Countries' competent authorities
- Industries and industries associations

120

participants in the
room

~1K

average web-
stream views per
day



DIALOGUE WITH INDUSTRY ON WGS DATA SHARING

INDUSTRY AT THE TABLE (for the first time)

Trust is a prerequisite:

- Genomic data are powerful, but not sufficient.
- Clarify how data are used (no public access)
→ **clear governance**
- Agree on how data are analysed (common criteria)
→ **clear interpretation**
- Open dialogue with Competent Authorities
→ **Liability**

Benefit is an incentive:

- Identify the added value for the industry



NEXT STEPS

- **Follow up with MS during Network meeting to facilitate:**
 - data submission
 - continued dialogue with industry
- **Further automation of the OH WGS platform**
 - expand machine-to-machine submission
 - automate routine validation
 - upgrade pipelines



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