Update on Advisory Group on Data

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31ST (PHYSICAL) AND 32ND (ONLINE) MEETINGS OF AGOD

- MS presentations national AI initiatives
- Interagency presentation: European Health Data Space
- Explainable AI
- Subgroup check-in & Joint SG meeting
- Progress of Tailor-Made Activities
- Evaluation of new FP Tailor Made Proposals
- Roadmap update & approval
- 2026 Data Symposium

MS PRESENTATIONS NATIONAL AI INITIATIVES

- **Data mapping** and **standardisation** are shared priorities

- **AI** applications in **risk assessment** are emerging across countries, focusing on **automation** and **predictive analytics**

- Data and AI projects in the interface of **RA-RM decision making**

- Whole Genome Sequencing (**WGS**) and **outbreak preparedness** are collaborative themes

- **RAG approach** is explored in multiple projects, as well as network science and **knowledge graphs**

- **Interoperability** is key in most initiatives

- **Capacity building** (e.g., data and AI literacy, trainings) is an emerging topic

EHDS – what is it about?

Primary use - use of data for the delivery of healthcare

Empower individuals to take control of their health data and facilitate the exchange of data for the delivery of healthcare across the EU.
Improving patients' access to their health data.
Ensuring seamless exchanges for continuity of healthcare.

For a European
Health Data Space
#HealthUnion

Secondary use - use of data for research and public interest purposes

Common EU rules and processes for requesting and reusing health data for research, innovation, policy-making, and regulatory activities.

Electronic health record (EHR) systems and wellness applications

Common interoperability standards in EU, supporting both primary and secondary use.

European Commission

European Health Data Space IT systems

Domain	Union systems	Union systems Status	National Governments systems
Primary	**Central Terminology System (eHDSI)**	In production	N/A
	Reference implementation of NCP (eHDSI)	Delivered	eHealth National Contact Point in every Member State To be operational as **from 2029** at the latest
	EU Database of EHR systems and wellness applications	In progress Production as **from 2027**	N/A
	European Digital Testing Environment	In progress To be delivered in **2027**	Digital Testing Environment in every Member State To be operational as **from 2029**
Secondary	**HealthData@EU Central Platform**	In progress Production as **from 2027**	Health Data Access Body Portal or other system To be operational as **from 2029** at the latest
	Union Data Access Service	In planning Operations as **from 2029**	
	Union Secure Processing Environment		Secure Processing Environment in each country To be operational as **from 2029** at the latest

MyHealth@EU

HealthData@EU

European Commission

HealthData@EU Central Platform

- The HealthData@EU Central Platform is the system being developed by the European Commission to meet the requirements of the European Health Data Space Regulation.

- The platform hosts the Dataset Catalogue, which compiles metadata from Member States, European institutions, third countries, and research infrastructures.

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- eXplainable AI (xAI): understanding what AI systems actually learn
- EU AI Act Article 13: Transparency required for high-risk AI systems
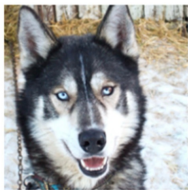

The problem: modern "Clever Hans"

- Wrong features: wolf/husky classifier actually detects snow, not animals
- Ethical issues: COMPAS system shows racial bias in criminal risk assessment
- Business impact: beer matching fails due to spurious word correlations
- Regulatory risk: black-box decisions violate transparency requirements

Predicted: Wolf
True: Husky

Explanation

The solution: faithful explanations

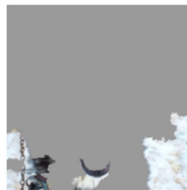- Verify learning: ensure AI uses correct features, not shortcuts
- Build trust: provide transparent, understandable decision processes
- Enable debugging: identify and fix biased or incorrect patterns
- Meet compliance: satisfy regulatory transparency requirements

Saliency Maps: Show what pixels matter most

Feature Analysis: Reveal learned patterns

Removal Tests: Validate feature importance

SUBGROUPS CHECK-IN

- Feedback on Subgroup activities
  - People and Capacity: data literacy definitions and layers; data conference
  - Data management: data quality & KPIs; terminology catalogues; European food safety data ecosystem
  - Innovation: position paper on AI
- Joint SG meeting
  - Discussing cross-cutting issues

Artificial Intelligence

European Food Safety Data Eco-System

Data Mapping

Capacity Building
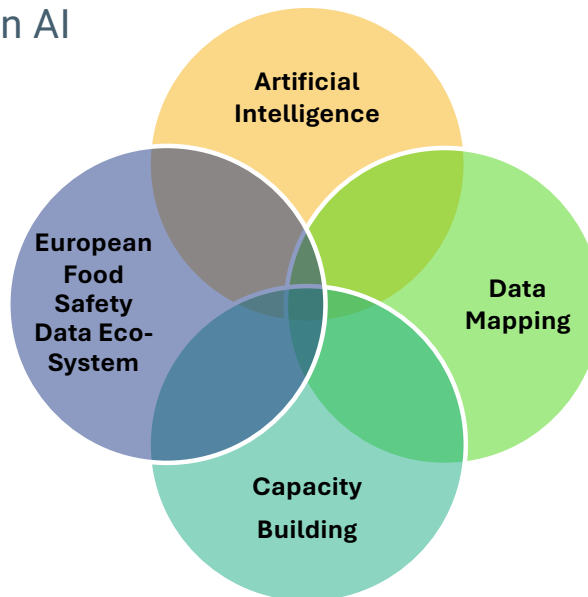
Bringing down pies from the sky
Impressionist AI, 21st century, mid-20s

PROGRESS OF TAILOR-MADE ACTIVITIES STARTED IN 2024

- Data model mapping tool – implementation (Sweden)
- Data model mapping tool (Italy)
- Data capture @ point of sampling (Portugal)
- Extension of the risk assessment knowledge integration platform "RAKIP-web" (several leading MS)
- Cross member state collaboration and development for improved outbreak investigation, preparedness and sharing of whole genome sequences in the EU (Denmark)
- Filling food consumption data gaps from Sweden and Denmark (Sweden)
- Large language models analysis for automatic foodex2 codification (France)
- Rebuild data framework – new data ingestion and management system member states recommendations and enhancing for new functionalities (Sweden, Italy, EFSA)
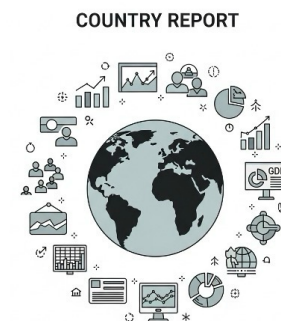- Use of inter- and intrasectoral WGS comparisons for mapping sources and spread of salmonella enteritidis – (Sweden)

DATA FLOW MAPPING IN MEMBER STATES – SECOND ROUND IN 2026

10 participating European countries

Austria
Croatia
Czechia
Ireland
Norway
Netherlands
Estonia
France
Hungary
Italy

18 country reports

COUNTRY REPORT

10 Challenges and Solutions reports

CHALLENGE   SOLUTION
CHALLENGE   CHALLENGE
CHALLENGE   SOLUTION

1 Summary report

SUMMARY REPORT

Why should you join in 2026?

- To **understand** where complexity and pain points lies in the data collection processes

- To **collaborate** with other MSs and increase awareness on common processes & problems and expertise exchange

- To **resolve** identified issues by introduction of shared tools developed by EFSA where possible, or in collaboration with other MS as FP Tailor Made Activities

How much working time is required?

- Duration: 2,5 months

- Estimated working time per data domain: 7-10 days

- Funding available through FP Framework as Tailor Made Activity

NEW DATA TAILOR MADE ACTIVITIES – PROPOSAL EVALUATION

Data Standardisation, AI-supported Data extraction and Capacity Building for Member State Tracing Activities (DatACT)

Development of a Data Management System for Enhanced Chemical Risk Assessment in Food Safety

Machine Learning-Driven Risk Ranking Framework for Virulence & Resistance Traits: An E. coli Case Study
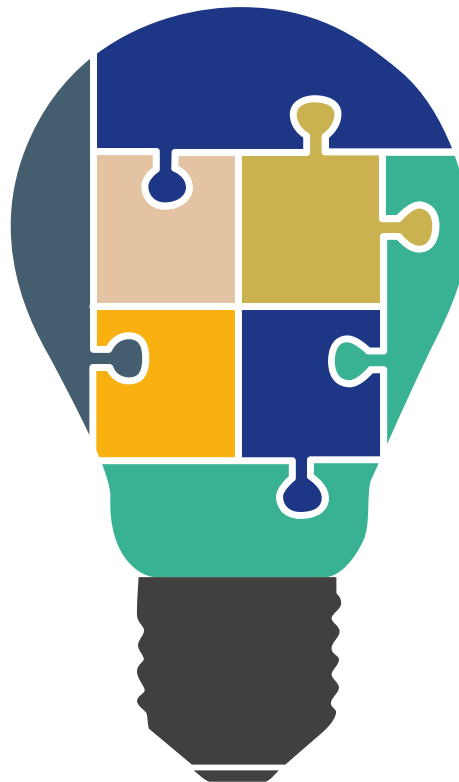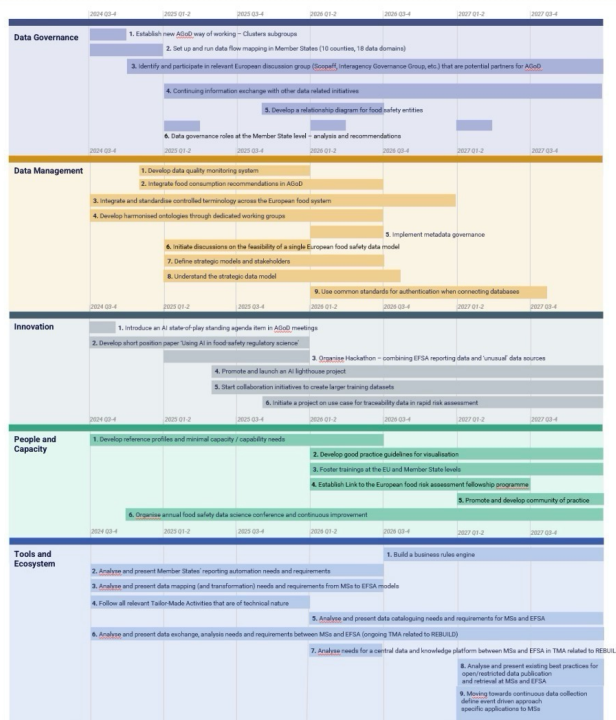
Implementation of a Data Mapping Tool - year 2

FLARE – Framework to quantify Likelihood and Availability to assess potential Risks in e-Commerce

Improving tools and capacity for data-centered control planning

ROADMAP UPDATE & APPROVAL

- AGoD and SG Leaders reviewed the status of the roadmap and highlighted expected changes

- The roadmap will be updated at the end of the year

- The Updated version had been approved by AgoD

- Progress and update report to the Advisory Forum will be given at the end of the year

2026 DATA SYMPOSIUM

- Time: second half of 2026, back-to-back with AGoD/AF meeting
- Place: Dublin (Ireland)
- Participants: AGoD, SGs, AF, FP(*tentative*)
- Duration: 1.5 days
- Content: (*draft idea*) People Readiness for AI / Acceptance of AI
  - Also include dedicated physical SG meeting(s)

CALL FOR ENGAGEMENT 2026

Join the new round of
DATA FLOW MAPPING IN MS

To complete the picture in Europe
Funding available as Tailor Made Activity
MS are invited to participate.

Join AGoD or SUBGROUP

For more info, please see the Terms
of Reference: Terms of Reference.

Attend the 2026
AGOD DATA SYMPOSIUM

To be held in the second half of 2026

Initiate or join new
FOCAL POINT TAILOR
MADE PROJECTS

For additional info please visit FP
Tailor-made activities - Home.

ADVISORY GROUP ON DATA: MEETINGS IN 2025

22 January online	**5 March** Poland	28 April online	17 June Parma	9 Sept online	5 Nov online	2 Dec Denmark
Subgroup check-in Progress TMT	Subgroup check-in Progress TMT	Subgroup check-in Progress TMT	Subgroup check-in Progress TMT	Subgroup check-in Progress TMT	Subgroup check-in Progress TMT	Subgroup check-in Progress TMT
AI: EFSA use cases	AI:AI Act	AI:	AI:	AI:	AI:	AI:
EFSA/BfR traceability projects	Outcomes of data flow mapping in MS	Set up inter-agency expert group on data	Revision of FP Tailor Made proposals	Update on EC data initiatives	Annual Report	Roadmap Checkpoint 2
What are Outputs of SGs and AGoD	Common European Data Model - discussion	Develop connections with other data-related initiatives	Roadmap Checkpoint 1 (conference in 2026?)	MS presentations on national initiatives	Develop a relationship diagram for Food Safety entities	Interagency presentation
EBTC presentation			Interagency presentation	European common data platform for Chemicals	Interagency presentation	