



# Update on Advisory Group on Data

Ákos Jozwiak, Hungary

# 28<sup>TH</sup> (ONLINE) AND 29<sup>TH</sup> (PHYSICAL) MEETING OF AGOD

- EFSA AI Task Force, AI & Innovation Board
- AI Act
- Outcomes of data flow mapping in MS
- Progress Tailor Made Activities
- Other related initiatives
- Workshop on Common European Data Model
- Subgroups check-in
- AGoD Outputs and Communication



# EFSA AI TASKFORCE 2024 ACTIVITY OVERVIEW

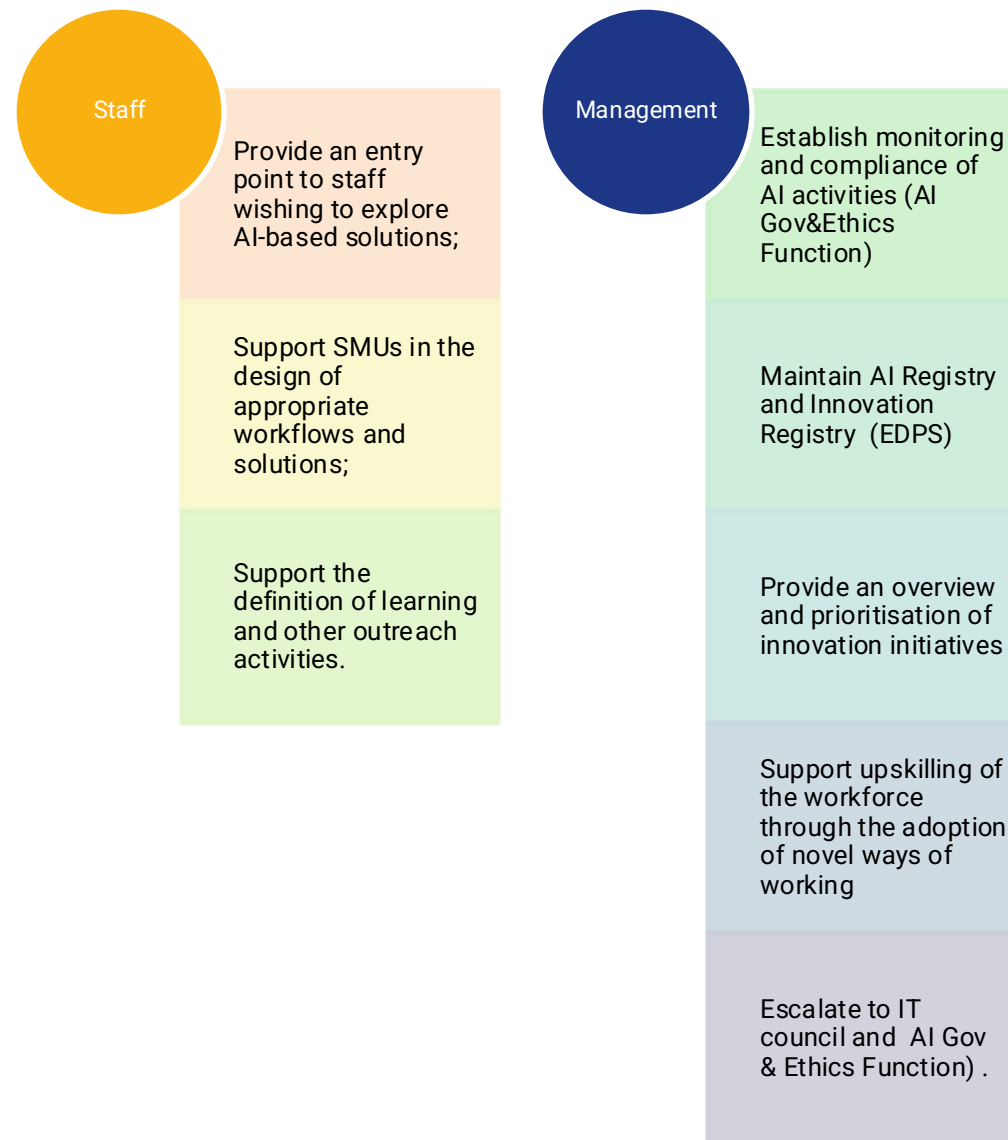
Subgroup	Activities	
Orient	AI@EFSA Document	AI position, definition, roadmap.
	Transitional AI Governance Workflow	Transitional AI Governance Workflow
Transform	Agile Transformation	Integrated Digital Governance (Agile)
		Transitional Digital Governance
	Smart Pilot 1 – MS CoPilot	Onboarding + Clinics with CoPilot
	Smart Pilot 2 – AutoCAT	Bias Detection in Critical Appraisal with AI
	Smart Pilot 3 – FoodeX2	Smart Mapping with LLM AI
Weave	AI Use Cases Prioritization	Completed
	Let's Go Beyond Digital and Other Learning Activities	AI Learning Package Essentials
		AI Training Session
		Learning Needs Analysis
	GPT@JRC Pilot	
	EUAN and Networks	Ongoing Activities
	AI HUB	Single Point of Contact



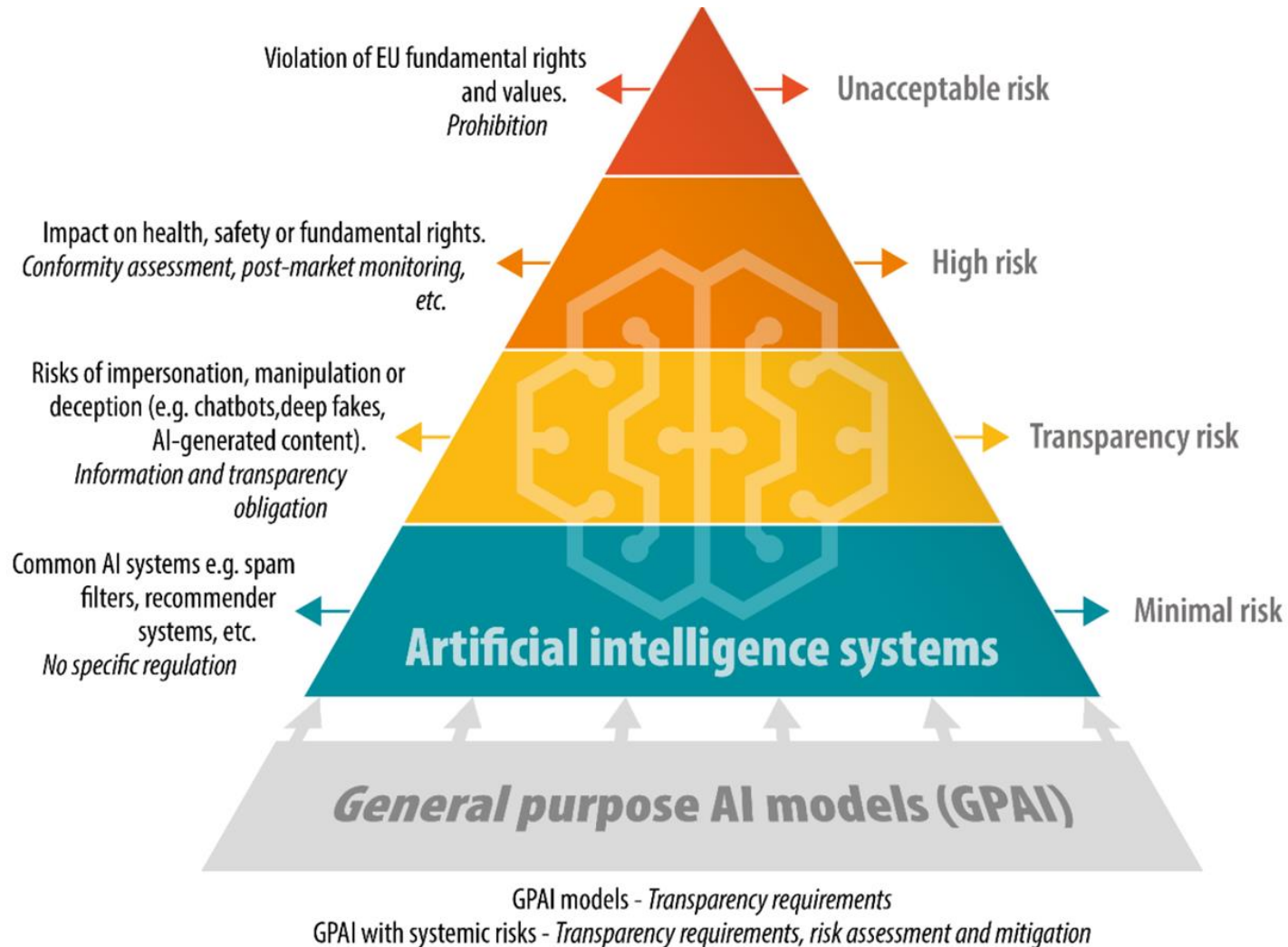
# EFSA AI & INNOVATION BOARD

Starting from where the WEAVE sub-group of the AI Task Force ended single point of contact @EFSA

- AI needs and questions
- the appraisal and oversight of innovation ideas and their progress



# AI ACT: ANDREA PALUMBO (KU LEUVEN, PRESENTATION FROM 5 MARCH 2025)



## • What is an AI system? – Legislative definition

1. **A machine-based system**
2. designed to operate with **varying levels of autonomy**
3. **and** that may exhibit **adaptiveness** after deployment
4. and that, for **explicit or implicit objectives**,
5. **infers, from the input** it receives, how to generate **outputs**, such as predictions, content, recommendations, or decisions
6. that can **influence physical or virtual environments**



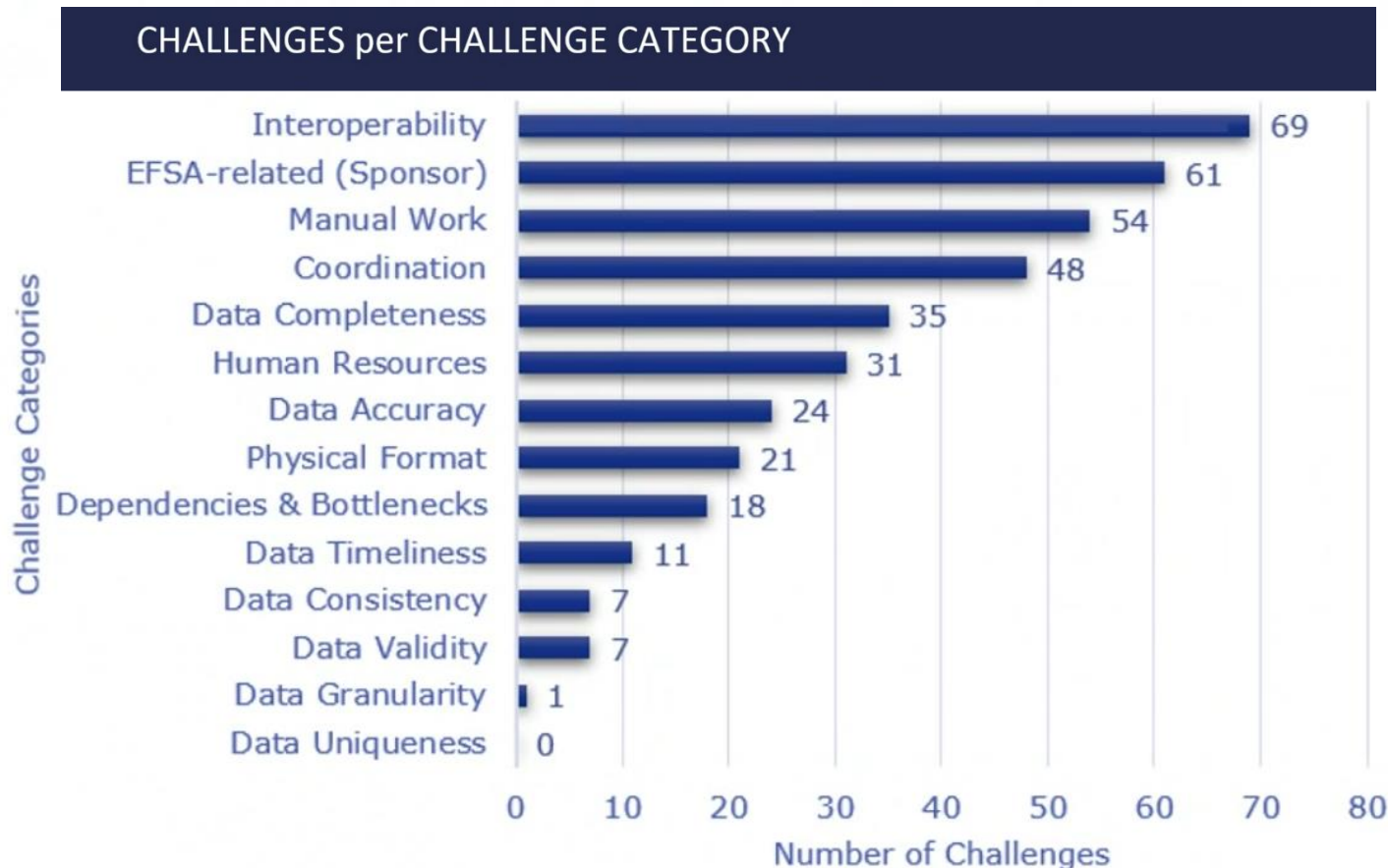
# AI ACT: ANDREA PALUMBO (KU LEUVEN, PRESENTATION FROM 5 MARCH 2025)

- Distinction between **Providers** (actively involved in the development or integration of an existing AI model into their own product and market it under their brand) and **Deployers** (use an AI system for internal purposes without developing or marketing it as their own product)
- **Exemptions for research:** a) using AI for the purpose of scientific research and development; b) research, testing or development activity regarding AI systems
- **Exemption for open-source AI:** AI Act does not apply to AI systems released under free and open-source licences, unless they are placed on the market or put into service as high-risk AI systems
- Bodies governed by public law are obliged to carry out a **fundamental rights impact assessment (FRIA)**: prior to deploying a high-risk AI system and after deployment into first use





# OUTCOMES OF DATA FLOW MAPPING IN MS

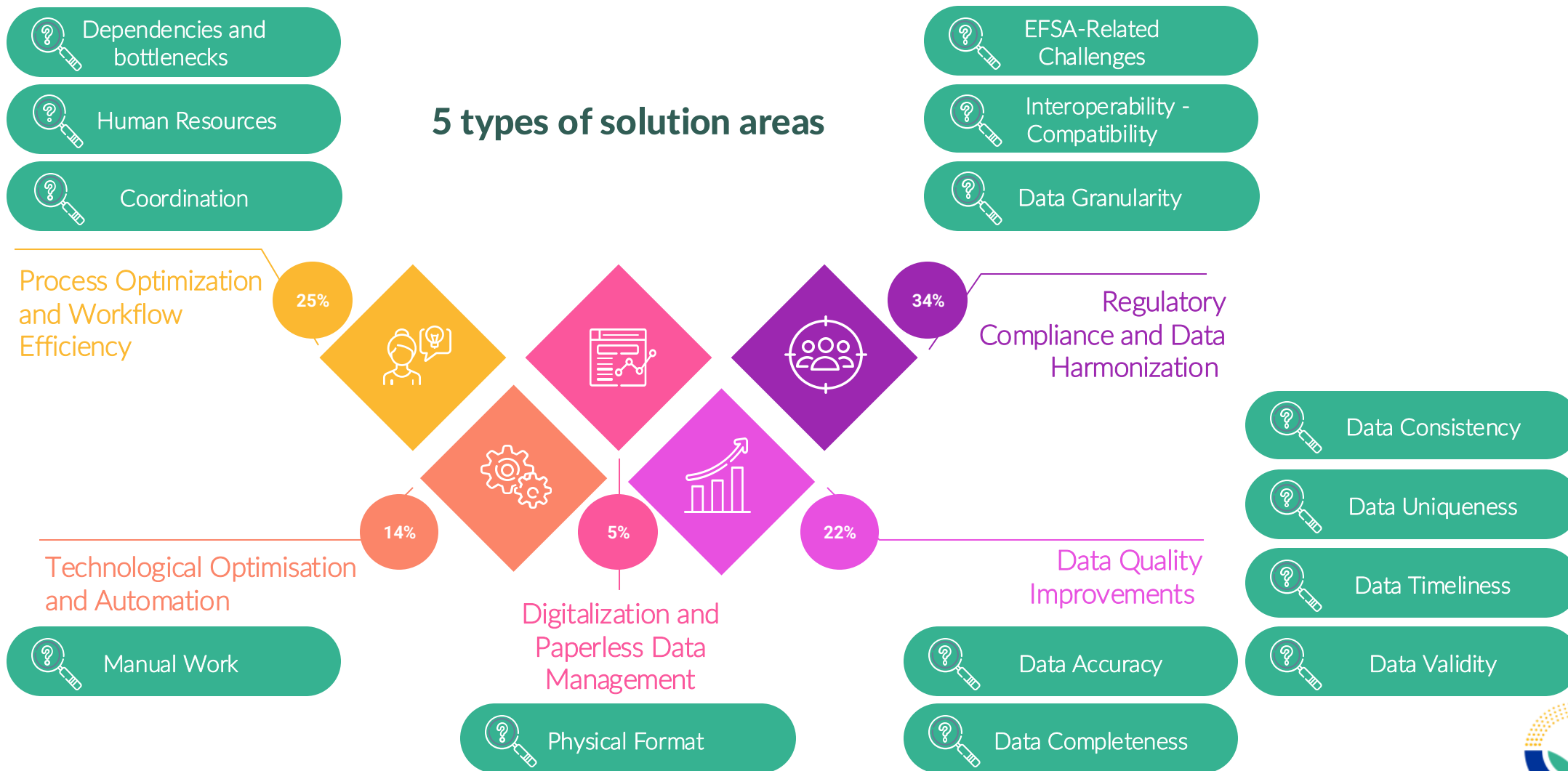


The chart highlights the need for targeted solutions, particularly in interoperability, automation, and coordination, to enhance data collection processes across Member States.

- Number of challenges per challenge category provides a clear overview of the most important challenges faced by the Member States.
- **Interoperability/ Compatibility** emerges as the most significant challenge indicating widespread difficulties in integrating and harmonizing data across systems. Following closely, **EFSA-related** challenges reflecting concerns related to regulatory requirements and collaboration with the European Food Safety Authority. **Manual work-related** issues highlight the continued reliance on non-automated processes, while **coordination** challenges emphasise difficulties in communication and collaboration among competent authorities and involved actors

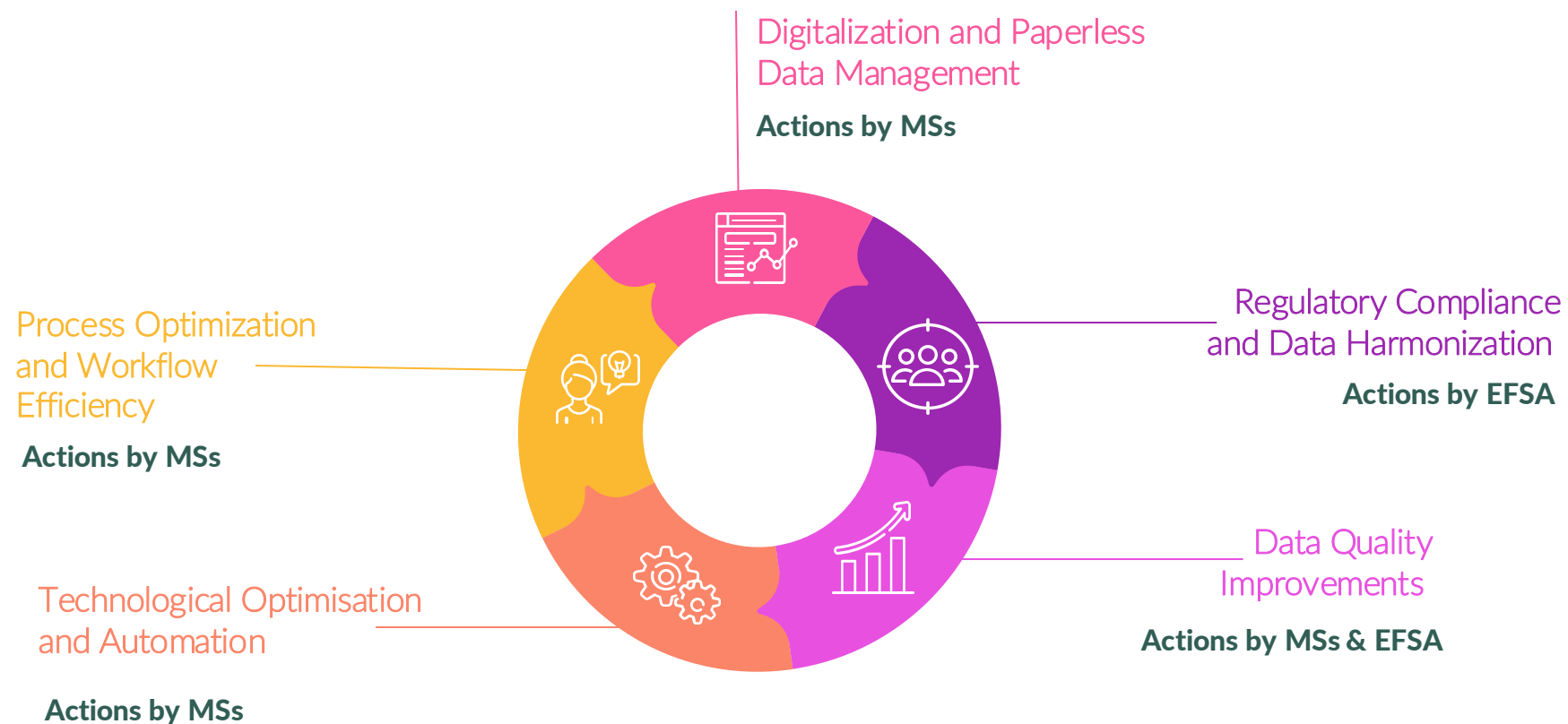


# OUTCOMES OF DATA FLOW MAPPING IN MS





# OUTCOMES OF DATA FLOW MAPPING IN MS



# OUTCOMES OF DATA FLOW MAPPING IN MS

- EFSA will provide the draft report to AGoD in the next weeks
- AGoD will carry out a workshop based on the results at the physical meeting in Parma
  - Identifying areas for cooperation
  - Identifying potential projects
- Continuation? Other reporting domains, other countries...



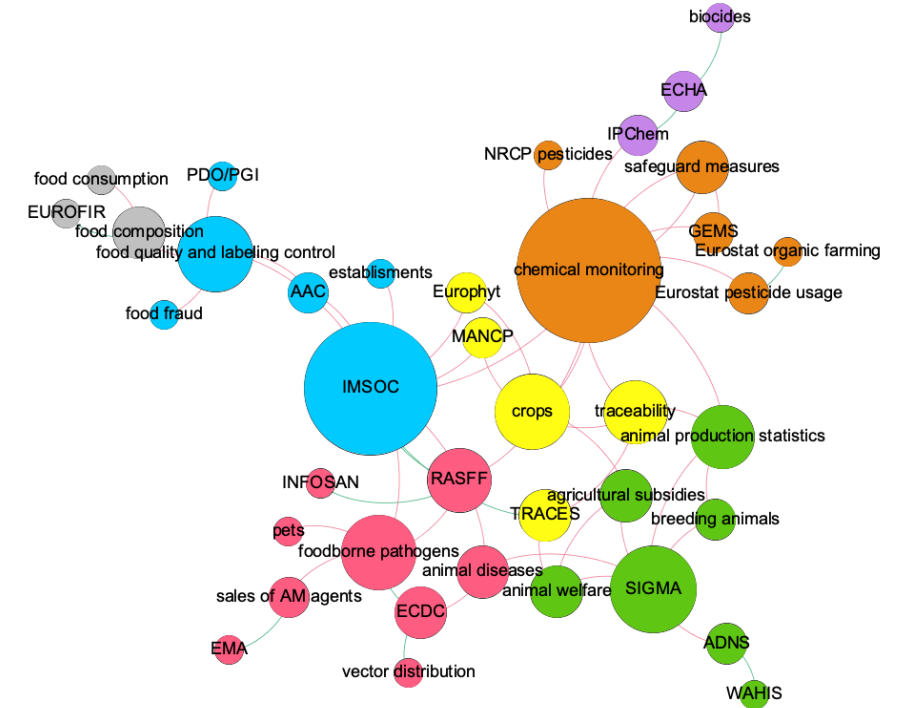
## OTHER RELATED INITIATIVES

- EFSA/BfR Traceability Project: Marion Gottschald, BfR, Germany
  - Interoperable multi-actor food tracing software ecosystem for Europe
  - Universal Traceability data eXchange format (UTX)
- Extraction of Data from Zenodo: Bas van der Velden, WFSR, the Netherlands
  - Database developed under Horizon Europe projects on all data reported by MS to EFSA
- Evidence Based Toxicology Collaboration (EBTC): Ákos Józwiak, UNIVET, Hungary
  - Potential for collaboration and exchange of experience



# WORKSHOP ON COMMON EUROPEAN DATA MODEL

- Single European Data Model: not a reality
- Let's discuss interoperable data, linked data
- 'European Food Safety Data Ecosystem'
- Mapping between controlled terminologies
- Workshop outcomes:
  - Potential use-cases identified → SG Data Management to further discuss
  - SG to liaise with Commission
  - SG to write a paper with recommendations
  - AGoD to update the mapping of the domains



# SUBGROUPS CHECK-IN

- Discussion on Subgroup activities
- Roadmap development: breaking down objectives to practical actions
- Joint meeting of AGoD Subgroups (11<sup>th</sup> June 2025)
  - AGoD roadmap, priorities
  - Connection between AGoD, SGs, Focal Points, Tailor Made Activities, Networks
  - Discussion on cross-cutting topics

01

Engage in Tailor Made Activities. Be consulted and informed

02

Focus on **Practical Use Case** – Every idea should be linked to a **real-world need or problem**

03

If we can't explain the **HOW, WHAT,** and **WHY**—it's still a Pie in the Sky.

# AGOD OUTPUTS AND COMMUNICATION

- Annual Report 2024: under publication
- Updated AGoD web page as a part of EFSA website:  
<https://www.efsa.europa.eu/en/advisory-group-on-data>
- Other outputs:
  - need to identify the target audience
  - and the objectives of the communication





# 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

AI: EFSA use cases

EFSA/BfR traceability  
projects

What are Outputs of  
SGs and AGoD

EBTC presentation

Subgroup check-in  
Progress TMT

AI: AI Act

Outcomes of data flow  
mapping in MS

Common European  
Data Model - discussion

Subgroup check-in  
Progress TMT

AI:

Set up inter-agency  
expert group on data

Develop connections  
with other data-related  
initiatives

Subgroup check-in  
Progress TMT

AI:

Revision of FP Tailor  
Made proposals

Roadmap Checkpoint 1  
(conference in 2026?)

Interagency  
presentation

Subgroup check-in  
Progress TMT

AI:

Update on EC data  
initiatives

MS presentations on  
national initiatives

European common  
data platform for  
Chemicals

Subgroup check-in  
Progress TMT

AI:

Annual Report

Develop a relationship  
diagram for Food  
Safety entities

Interagency  
presentation

Subgroup check-in  
Progress TMT

AI:

Roadmap Checkpoint 2

Interagency  
presentation

