



Update on Advisory Group on Data

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24TH, 25TH AND 26TH (VIRTUAL) MEETING OF AGOD

- EFSA AI Task Force
- EC and MS data initiatives
- Subgroups check-in
- FP Tailor-made Data Proposals and ongoing Projects
- Data flow mapping in MS project
- AGoD roadmap 2024-2027
- Restructuring of AGoD subgroups
- Communicating AGoD activities
- Symposium on 'Data Readiness for AI'



UPDATE ON EFSA AI TASKFORCE SMART PILOTS

- AI ACT & Limitations on use of AI
- SMART PILOTS
 1. Microsoft CoPilot
Pilot AI procurement and related governance procedures
 2. AutoCAT
Pilot the use of AI and Microsoft's GPT-4 Large Language Model to develop and maintain an AI-based critical appraisal tool in a safe prototyping zone
 - Systematic Literature Review process
 - Other evidence-based document analysis capabilities
 3. AI-based TM FP Activity
Piloting the AI governance and AI development framework and procedures for a Member State facing activity
- LEARNING PACKAGE



EC DATA INITIATIVES: SANTE DATA PLATFORM

Remit of the SANTE data platform

Provide a common scalable platform with storage and services to share, process and exchange data

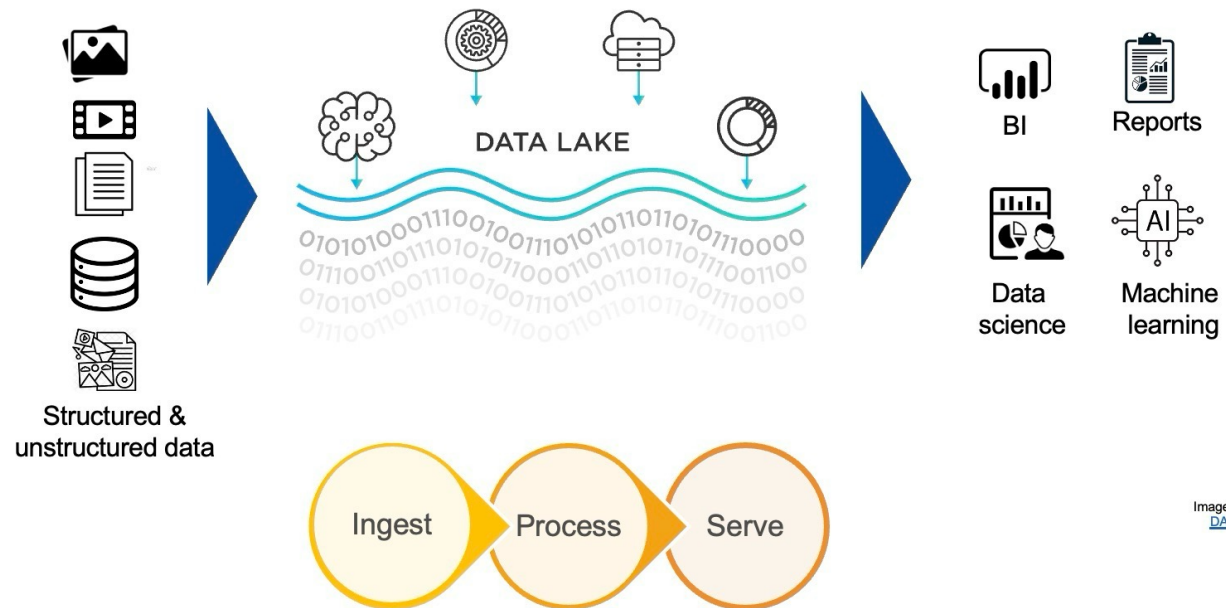
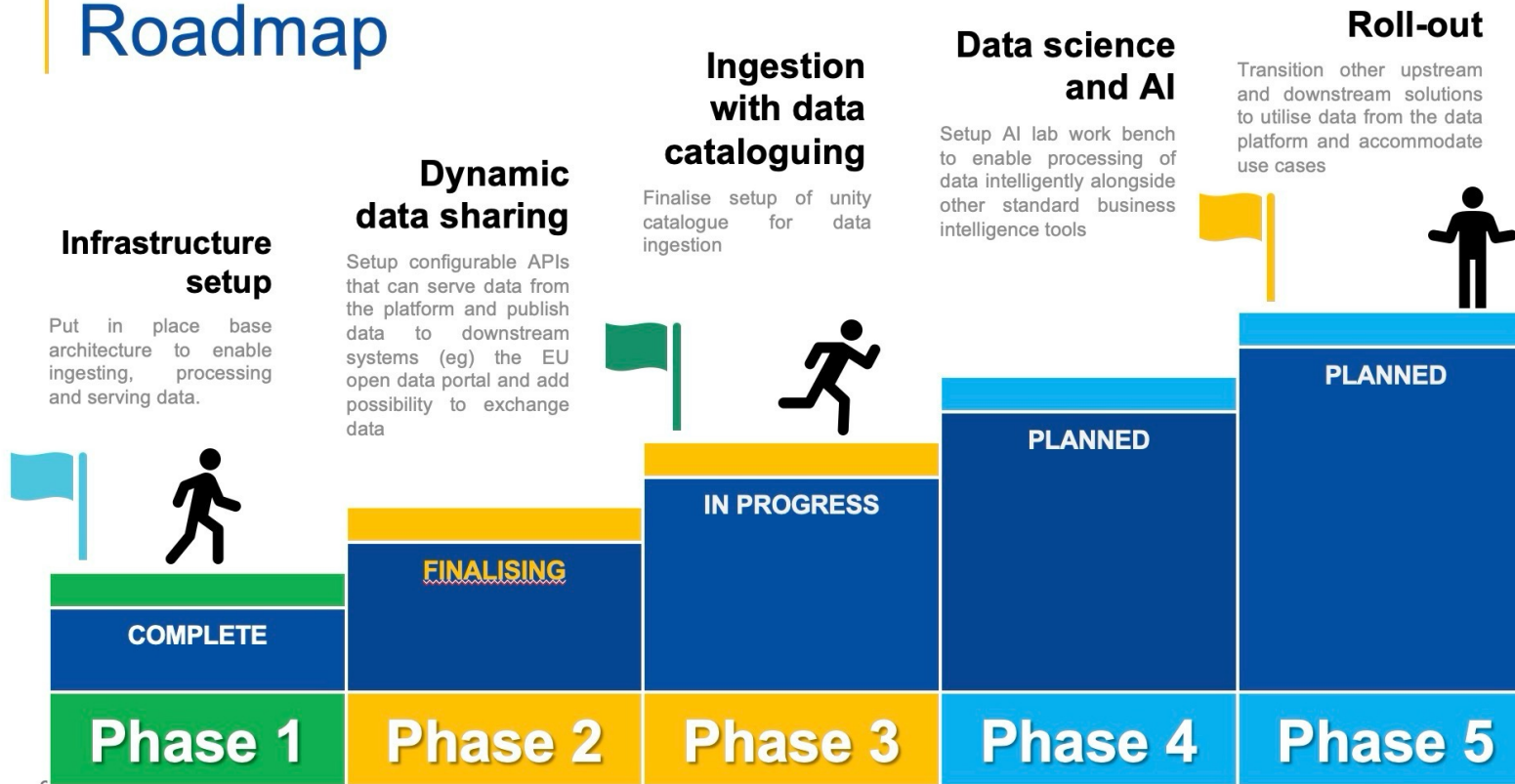


Image Source: [DATAONIC](#)

EC DATA INITIATIVES: SANTE DATA PLATFORM

Roadmap



6



EC DATA INITIATIVES: OPEN DATA PROCESS

DG SANTE Open Data

Objectives & Initiatives 2024

- ...
- Shorten the time to market for open data, improve the quality and completeness of the datasets
- Industrialize the preparation and dissemination of open data along with enhanced capabilities for its maintenance and management
- ...
- Centralised approach for publishing and accessing the data through **data.europa.eu**
- ...



MS DATA INITIATIVES



12 MS presented their data-related projects and initiatives



Many connecting/overlapping activities identified

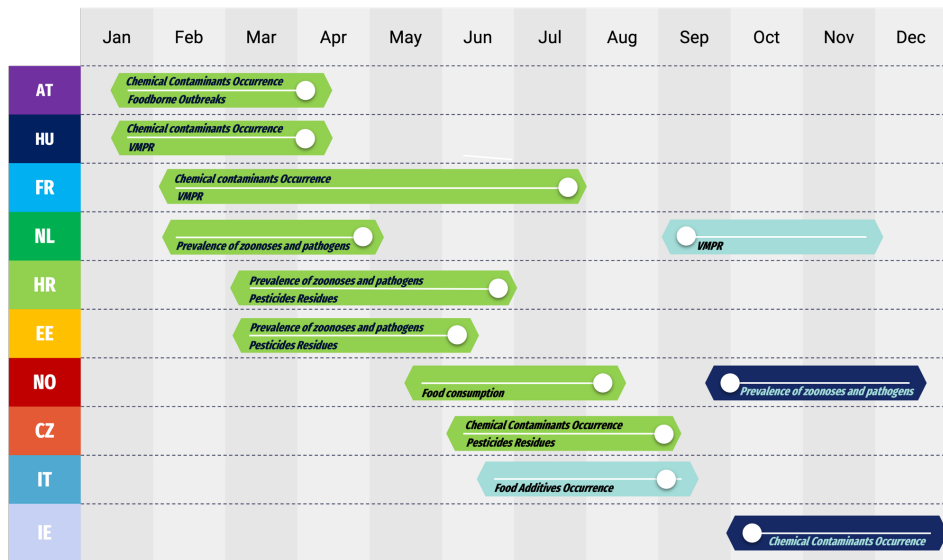


AGoD will follow-up on these and provide a visual representation of the initiatives



PROGRESS OF DATA FLOW MAPPING IN MEMBER STATES

High level Gantt Chart

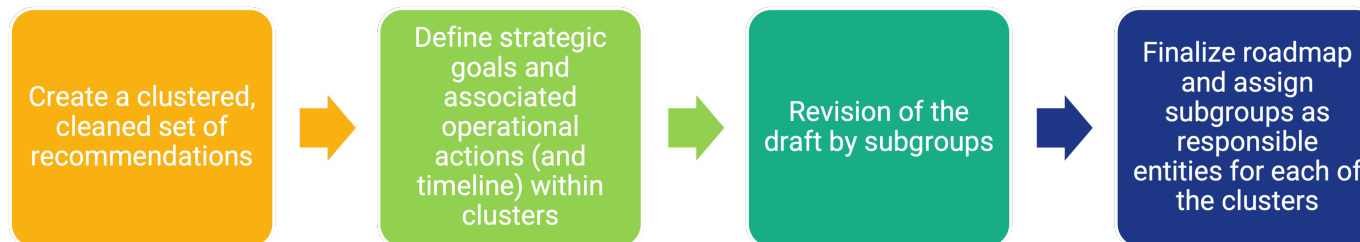


Updated 05/09/2024



AGOD ROADMAP 2024-2027

- A new AGoD mandate begins
- Time to revise AGoD multi-annual roadmap
 - Review systematic implementation of recommendations
 - Measure achievement and success
 - Improve communication and outreach
- Update recommendations to reflect impact of emerging technologies



AGOD ROADMAP 2024-2027: CLUSTERS AND SUBGROUPS

Data Governance

- Governance bodies and roles
- Collaborative decision-making mechanisms

Data Management

- Data Quality
- Data Modelling and Terminologies
- Data Analysis and visualization

Tools & Eco-systems

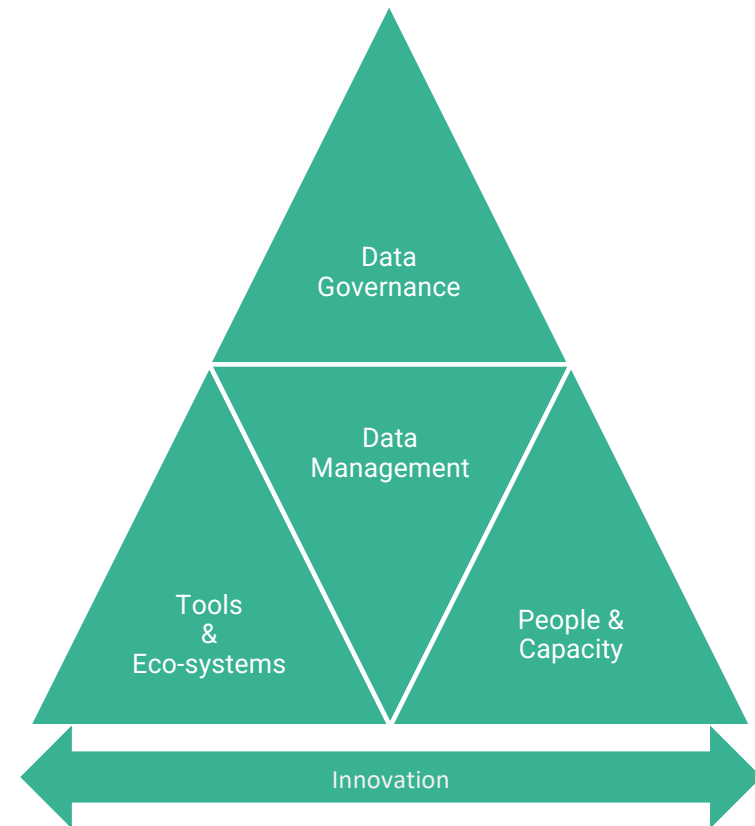
- Digital Platforms and eco-systems
- Developing and sharing tools

People & Capacity

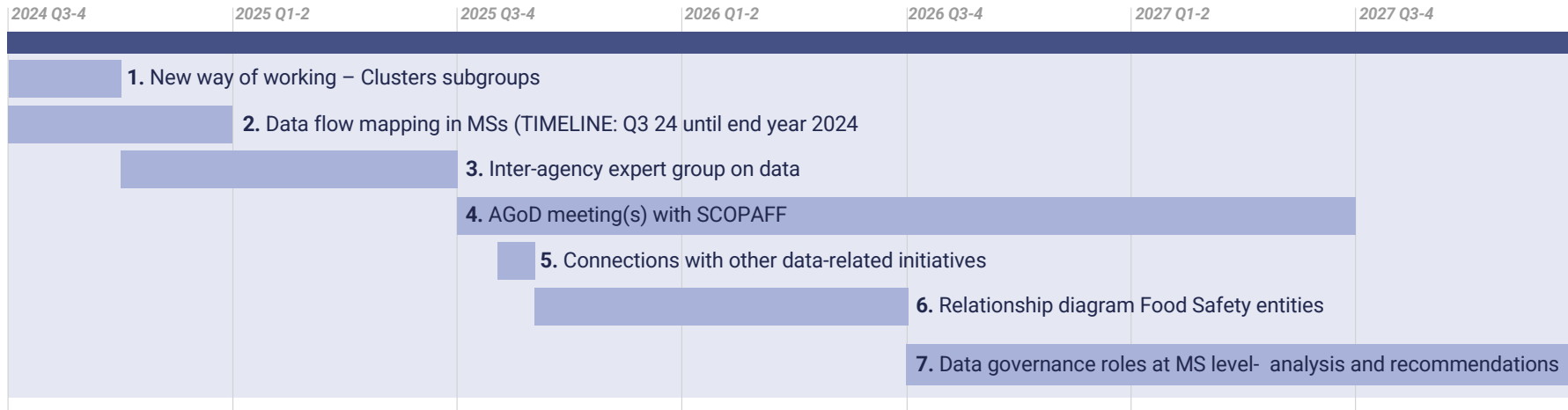
- Data Literacy
- Data Capacity preparedness

Innovation

- Innovative data analytics
- New data streams
- AI



DATA GOVERNANCE (01/07/2024 – 31/12/2025)



KPIs:

- | | |
|--|--|
| <ul style="list-style-type: none"> 1. New procedure drafted, new members nominated with chairs and Subgroups in place and running 2. The report for end of 2024 3. Expert group scope, terms of reference agreed, and experts nominated and set up 4. 1 meeting / 2 years, | <ul style="list-style-type: none"> 5. 1 meeting / 1 years (depends on the collaboration/connection) 6. Expand the CRM of EFSA and create a relationship diagram using that source. MSs can maintain the contact point in self-service mode 7. Document on data governance roles drafted |
|--|--|



DATA MANAGEMENT (01/07/2024 – 30/06/2027)

2024 Q3-4	2025 Q1-2	2025 Q3-4	2026 Q1-2	2026 Q3-4	2027 Q1-2	2027 Q3-4
		1. Development of data quality monitoring system				
		2. Integration of Food Consumption recommendations in AGoD				
		3. Integration and standardisation of controlled terminology across the European Food System				
		4. Development of harmonised ontologies through dedicated working groups				
			5. Metadata governance			
		6. Towards single 'European food safety data model'				
		7. Defining strategic models and stakeholders				

- 7. MS "twinning- system" knowledge exchange - data catalogues proposal to be moved to 'People and capacity' cluster
- 9. Authentication best practices when connecting databases - proposal to be moved to 'Tools and Ecosystems' cluster

KPIs:

- | | |
|--|---|
| 1. System in place and used by x MS | 5. This is a KPI |
| 2. KPI? | 6. Proof of concept European food safety data model |
| 3. Catalogue library created | 7. KPI? |
| 4. Guideline/Report on ontologies for each data domain exist | |



TOOLS AND ECOSYSTEM (01/07/2024 – 31/12/2027)

2024 Q3-4	2025 Q1-2	2025 Q3-4	2026 Q1-2	2026 Q3-4		
1. Building of a Business rules engine						
2. Data exchange, automation, analysis needs and requirements between MSs and EFSA						
3. Data mapping (and transformation) needs and requirements from MSs to EFSA models						
4. Towards Data Capture in Foodex2						
5. Investigate the needs of public destination or a central platform for cooperation and exchange between MSs and EFSA						
6. Analyse and present existing best practices for open/restricted data publication and retrieval at MSs and EFSA						
7. Define "event driven approach" for system users in MS from consumer and deliverers perspective, collect information, expectation, real needs						

KPIs:

1. KPI1: first evaluation by MS of EFSA BR engine by beginning 2026,
 KPI 2: integration of BR engine is possible starting from Jan 2027 KPI
 3: Number of business rules implemented

2. KPI 1: identification of possible endpoints for automatic data sharing from MSs initiatives. KPI 2: evaluation of legal constraints and blocking issues.

KPI 3 Number * of MS identified needs and requirements
 KPI 4: Number * of flows where repetitions happen

3. Data mapping needs identified and documented for * number of data models

4. KPI not applicable as performed by a 3rd party (AGoD will rediscuss)

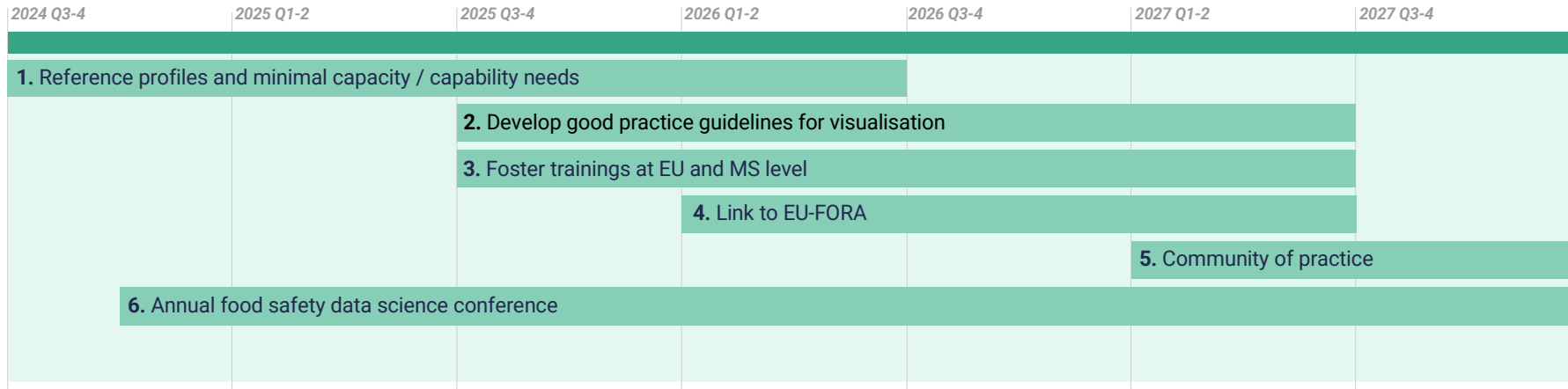
5.

6. Best practice collected and published

7. KPI: Explanation paper drafted



PEOPLE AND CAPACITY (01/07/2024 – 30/06/2027)



KPIs:	
1. Reference profiles and capacity needs developed	4. Concrete presentations or framing activities regarding data and digitalization in EU FORA curriculum
2. WG established, Good practice guidelines drafted	5. WG established, virtual network established where knowledge is shared
3. KPI 1 Attendance to EFSA/FP trainings; KPI 2 Communication regarding external training opportunities	6. Yearly Conference



INNOVATION (01/07/2024 – 31/12/2027)

2024 Q3-4	2025 Q1-2	2025 Q3-4	2026 Q1-2	2026 Q3-4	2027 Q1-2	2027 Q3-4
1. AI state of play standing agenda item						
2. White Paper "Using AI in food safety regulatory science"						
		3. Hackathon - combining EFSA reporting data and 'unusual' data sources				
		4. Promote and launch an AI lighthouse project				
			5. Use-case for traceability data in rapid risk assessment			

KPIs:

- | | |
|--|--|
| <ul style="list-style-type: none"> 1. List of potential speakers 2. White paper drafted 3. Intermediate KPI: Roadmap for a Hackathon , then Hackathon organized | <ul style="list-style-type: none"> 4. KPIS: Identification of the project, Finding funding mechanism, Draft, Planning and discussion execution 5. KPIS: Define or Scope the project the project, Finding funding mechanism, Draft, Planning and discussion |
|--|--|



COMMUNICATING AGOD ACTIVITIES

- Annual Report 2024: starting to draft
- AGoD web page as a part of EFSA website:
<https://www.efsa.europa.eu/en/advisory-group-on-data>
- Data Conference in 2024
 - To bring together members from AGoD, its subgroups Data Collection Networks, and FP TMA participants
 - Topic: ***Data Readiness for AI***
 - Date and venue: ***23-24 October 2024, Parma***



SYMPOSIUM ON 'DATA READINESS FOR AI'

23-24 OCTOBER 2024, PARMA

AGoD and EFSA Symposium: Data Readiness for AI		Day 2: 24th October 2024			
Day 1: 23rd October 2024		AI Opportunities and AI Challenges			
15:00-16:00	Welcoming Coffee - Registration	Chair: Ákos <i>Thomas Hartung - online</i> <i>Luis Paulo Reis</i> <i>Tomas Margoni</i>			
16:00-18:00	Welcoming of participants <i>Nikolaus Kriz</i>	Morning Coffee break			
	Key-note <i>Tucker Patterson</i>	11:00-12:30	Explainable and Open Science Chair: Martina <i>Bas van der Velden</i> <i>Arno Siebes - pre-recorded video</i> <i>Cornelia Kutterer</i>	Collaborative learning: Data and models sharing Chair: Dorte <i>William O'Sullivan</i> <i>Manos Karvounis -online</i> <i>Nathalie Gottschalk -(online)</i>	Semantics and Ontologies Chair: Filipa <i>Racem Ben-Romdhane</i> <i>Milán Jánosov</i> <i>Paul Waley -online</i>
18:00-20:00	AGoD's and Subgroups' Work <i>Ákos Jozwiak</i> <i>Fabrizio Abbinante</i> <i>David Foster</i> <i>Eva Scharfenberg</i>	Lunch break			
	Poster Session and Networking cocktail	13:30-15:00	Data mapping with AI Chair: David <i>Frida Broman/David Foster</i> <i>Guillaume Studer</i> <i>Alexander Walsh</i>	AI for risk assesment I - Evidence synthesis, using ML for screening and data extraction Chair: Ákos <i>Giulia Menichetti -online</i> <i>Michael Sebek -online</i> <i>Tome Eftimov</i> <i>Rens van de Schoot</i>	AI for risk assessment II - Applied ML in Food Safety (Microbiology) and Food Authenticity Chair: vacant <i>Patrick Murigu Kamau Njage</i> <i>Pimplapas Shinny Leekitcharoenphon</i> <i>Micha Schneider</i>
		Afternoon Coffee Break			
		15:30-16:30	Panel discussion and closing key-note Chair: Didier <i>Paul Devalier</i> <i>Session chairs</i>		
		End of Symposium			



AGOD MEETINGS IN 2024

June-July
Ad hoc meeting
on FP TMT
proposals

31 st January online	5 th March Belgium	24 th April online	21 st May Parma	5 th Sept online	1 st Oct online	3 rd Dec Hungary
Subgroup check-in	Subgroup check-in	Subgroup check-in	Subgroup check-in	Subgroup check-in	Subgroup check-in	Subgroup check-in
Progress TMT	Progress TMT	Progress TMT	Progress TMT	Progress TMT	Progress TMT	Progress TMT
Draft new ToR	Progress of recommendations workshop	Revision of FP Tailor Made proposals	New project ideas	Update on AI TF	Progress of recommendations	Revision of FP Tailor Made proposals
AGoD and AI	Update on AI Taskforce	Small conference planning of contents	Session on AI	Outcomes of data flow mapping in MS	Annual Report	Update on AI TF
Annual Report	AGoD website	MS presentations on national initiatives	Rebuild/Data outreach update	Update on EC data initiatives	MS presentations on national initiatives	Outcomes of data flow mapping in MS
			DEEP programme			
			Mapping Tool Sweden			

