

UPDATE FROM THE ADVISORY GROUP ON DATA

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83RD MEETING OF THE EFSA ADVISORY FORUM



5TH AND 6TH ADVISORY GROUP ON DATA MEETINGS (ONLINE 13/12/2021 AND 17/03/2022)

- **Strategic context:** EFSA Strategy 2027 & EFSA New Multi-Annual Programmes
- **Workplan** for 2022 and beyond
- **Governance model**
 - Key is to align EFSA Strategy, TF Recommendations, other strategies (COM, sister agencies, MS, etc.)
 - The Data Programme makes the connection
 - AG on Data work has to reflect these connections and domains → Sub-WGs

PROPOSED SUB-WORKING GROUPS

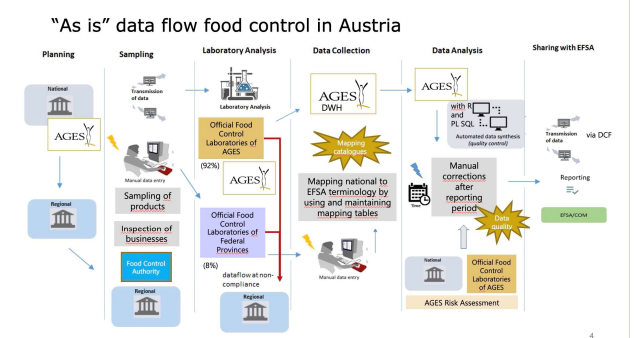
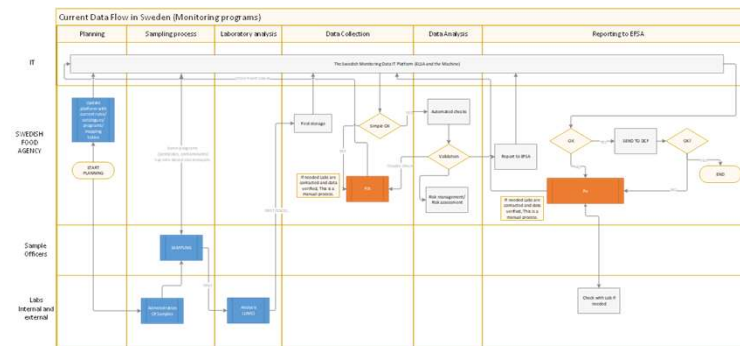
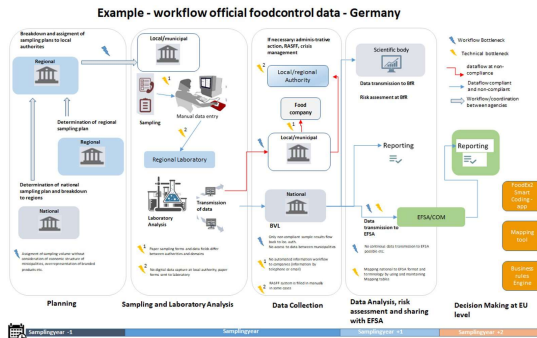
- **Developing and Sharing Tools and Tech**
- **Digital Platforms and Ecosystems**
- **Innovative Data Analytics & New Data Streams**
- Next phase:
 - Data Literacy and Data Capacity
 - Data Quality
 - Data Modelling & Terminology
 - Data Analysis & Visualisation

PROPOSED SUB-WORKING GROUPS

- Sub-WG members: AGoD members + alternates
 - and possibly few other experts (preferably already involved in EFSA data related activities)
- (Online) meetings between AGoD meetings
- Work programme and roadmap
- Referring back to AGoD meetings

7TH ADVISORY GROUP ON DATA MEETING (PHYSICAL 05/04/2022)

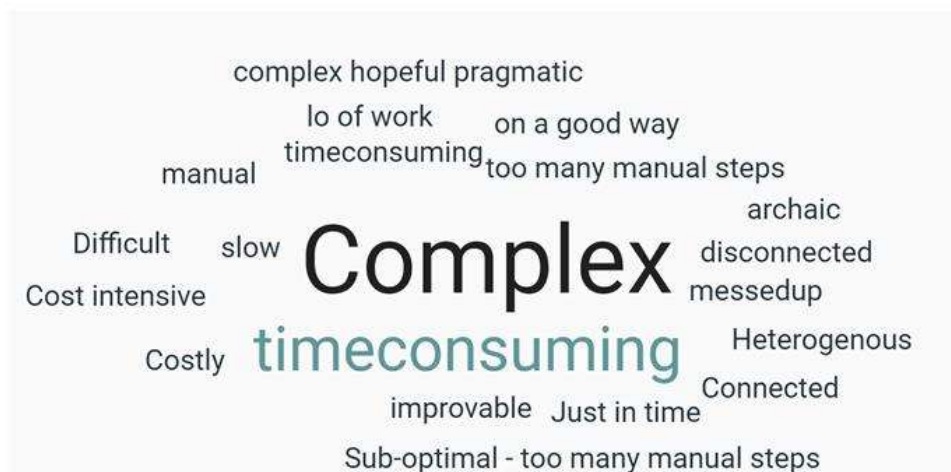
- Mapping common characteristics of data flows in each represented country:
 - processes, pain points & bottlenecks presented by members



7TH ADVISORY GROUP ON DATA MEETING

- Mapping common characteristics of data flows in each represented country:
 - break-out session to discuss the applicability of three tools in particular (Business Rules Engine, Mapping tools, Data sampling at the point of collection)
 - identifying benefits, challenges, needs and willingness of adoption

WordsCloud | How you feel about your data flow



1. PAIN POINTS

- LAB → Deyou
- Further & data validation internal
- data N/A
- Incl-time BD → Unsettled CONTINUOUS
- National validation rules
- EFSA/EC Requirements

2. VALUABLE BENEFITS

- Save time/money
- INCLUDE MRL/ML
- TIMELY LEGAL COMPLIANCE
- IMPROVE QUALITY OF NATURAL DATA
- HARMONISED DATA
- EASIER TO CORRECT MISTAKES & LESS COLLECTION
- AVOID DUPLICATION
- HAPPY BOSSES

ADOPTER | **CO-CREATOR** | **N/A**

FR	ES	SC
AT	All (national BD)	
DE		
HU		
HR		
NL		

TO BENEFIT

BR engine

- deal with diff file formats
- Complex architecture
- Governance of BR engine
- MANAGEMENT FOR EVOLVING infrastructure (INTERCHANGE)
- TRANSFORMATION
- LOCAL AND REGIONAL ACCEPTANCE
- DATA PROTECTION
- DATA/PROCESS TRANSPARENT
- TRAININGS

3. CHALLENGES

1. PAIN POINTS

- SAMPLING
- LABORATORY ANALYSIS
- DATA REPORTING
- DATA COLLECTION
- DATA CONNECTED TO OTHER AUTHORITIES
- CANNOT BE USED FOR ALL PURPOSES
- DATA QUALITY RISK

2. VALUABLE BENEFITS

- MORE INFO ON SAMPLES AND SYSTEMS
- BETTER DATA QUALITY
- FASTER REACTION TO CRISIS
- BETTER OUTPUTS (GEM)
- REAL-TIME DATA
- LESS DATA CORRECTION
- TIMELY DATA TRANSMISSION
- LESS MANUAL WORK
- HAPPY EMPLOYEES
- RESOURCE SAVING

ADOPTER | **CO-CREATOR** | **N/A**

ALL MS (EU)	PORTUGAL	
DE (incl table 22)	FRANCE	
	ITALY	
	HUNGARY	
	SPAIN	

LD BENEFIT

Data capture

- FOUNDING
- TECHNICAL CHALLENGES #4
- LEGAL (GSI)
- PRECISION
- USE FRIENDLINESS
- PRECEDENCE OF THIS SUBJECT MATTER
- DATA PROTECTION (PERSON)
- LANGUAGE
- CONNECTION LIMITATIONS (OFFLINE)
- TRAININGS

3. CHALLENGES

1. PAIN POINTS

- ALL STATES
- MANUAL TRANSFORMATION IN SSD
- DIVERGENT FORMATS IN DIFFERENT STATES
- DIFFICULTY TO INTERPRET DATA
- GENERAL DATA & TECHNOLOGY

2. VALUABLE BENEFITS

- EASIER TRANSFORMATION OF FILE
- STANDARDIZED DATA FILES
- WORLD-WIDE LEGISLATION TO USE THE TOOL
- EXPERIMENTAL SERVICE
- COACHING FOR SUBSTANCE
- COLLECTIVE EFFORT

ADOPTER | **CO-CREATOR** | **N/A**

NL	EC
SE	HR
ES	
HU	

4. MSs TO BENEFIT

Mapping tool

- HOW TO BUILD IT IN COOPERATION WITH USER
- HOW TO BUILD IT IN A HARMONIZED STRUCTURE
- UNDERSTANDING THE REAL NEEDS (PROBLEMS)
- ACCEPTANCE
- TIME
- ECONOMY
- HOW TO BUILD IT? (PROBLEMS)
- TRANSFERRING THE KNOWLEDGE
- HOW TO MAKE IT WORK IN DIFFERENT COUNTRIES
- HOW TO MAKE IT WORK IN DIFFERENT COUNTRIES

3. CHALLENGES

7TH ADVISORY GROUP ON DATA MEETING

- Common pain points and challenges
- (Shared) solutions, sometimes developed in parallel
- Many benefits foreseen
- Willingness to co-create or adopt
- More systematic and complete knowledge is needed on data processes, bottlenecks, solutions

WordsCloud | How you feel about the opportunities to improve the EU data flow?



WHERE CAN PRIORITISED TOOLS HELP?

2020

AF TF Recommendations 2020:

- Data Modelling
- Encourage **process automation** for data exchange and data analysis by investing in tools and analysis program codes that should also be standardised and openly available.
- Invest in **collaboration with international and national institutions** in the EU and third countries to broaden applicability of interoperable data standards for the exchange of data.
- Data Architecture
- **Collaborative joint projects** and **sharing best architecture practices** should be encouraged.
- All national and EU systems being built today should be built with **interoperability** in mind.



2021

Priorities identified in 2021:

- Data Model Mapping
- Business Rules Engine
- Data Capture at the Point of Sampling incl
 - FoodEx2 Smart Coding App



2022

How do we develop and implement tools which enhance data sharing?

- Where are these tools applicable?
- Who needs them?
- What value do they deliver to MSs in managing their data and data sharing?
- Who can collaborate to develop, implement & sustain them?



2023

Proposal 2022-2023 – To build on the AG on Data workshop to:

- Identify good practices, solutions and challenges in each MS through As-is data flow mapping
- Identify good practices and solutions which could be shared
- Identify common challenges and shared solution development paths

NEXT STEPS

- The group will continue working on the project ideas development
 - in particular on how the outcomes of projects already adopted in one MSs can be made available to respond to the different countries' needs
- Decision on the **creation of the sub-groups** to be taken including AF nominations for active expert participants
- Decision on the **proposed project** to be taken to support MSs in mapping national data flows, identifying pain points and designing solutions based on co-creation of shared technology

AG on Data Meetings in 2022

- 7 meetings: 5 virtual, 2 physical
- 1 full day each time
- 11 MSs represented
- Feedback from Chair to AF x4



Physical Mtg

17 March | 6th meeting

- EFSA Strategy 2027
- Multiannual Programmes
- AG on Data Governance and Focus Sub-Groups
- Engagement with MS Data Flow Workshops

05 April | 7th meeting

- MS Data Flow Workshop
- MS Reports: best practices, legal/organisational/technical bottlenecks
- Common Issues; Common Solutions
- AG on Data Communications

Feedback to AF

16 May | 8th meeting

- Synthesis* of AF TF, PoC, FP Data Tasks, FPA Pilots, Strategy '27 & Programmes
- Connection with Focal Point Function
- Funding channels to advance solutions
- Connecting Strategy to funded projects*: Gaps & Opportunities

27 June | 9th meeting

- EU Strategies*
- Connecting EFSA activities with wider Ecosystem: IMSOC, MS Data Strategies; Shared Technology & Co-Creation; Commission Data Strategy & Interoperability

Feedback to AF

09 Sept / 24 Oct[#] / Nov-Dec⁺

- EC and other EU Agencies' data strategies
- Project ideas and funding
 - MS initiatives
 - Good practices and solutions
 - Novel approaches
 - Knowledge synthesis & communication
- Review of ongoing data related projects (status, results, and challenges)
- Task Force recommendations: review of completion and new recommendations Feedback to AF
- New project proposals
- Vision and annual workplan 2023
- Finalisation of the Annual Report

Oct = Physical Meeting & Feedback to AF
+ Dec = Feedback to AF