



Activities of the EFSA Advisory Group on Data

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chair of AGoD

ADVISORY GROUP ON DATA

- Act as a **governance body** providing recommendations
- Act as a **think tank** providing input on project idea generation
- Act as a **program steering committee** for data related projects
- Act as a **consulting body** on Focal Point tailor-made activities proposals in area of data
- Act as a **hub** providing access to knowledge, expertise, competencies and staff in MS
- Provide **strategic input** on and oversight of alignment of EFSA's data and AI roadmap

- Members:
 - HU, AT, CH, DE, DK, EI, FI, FR, HR, IT, NL, NO, PT, SE
 - EFSA, COM



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

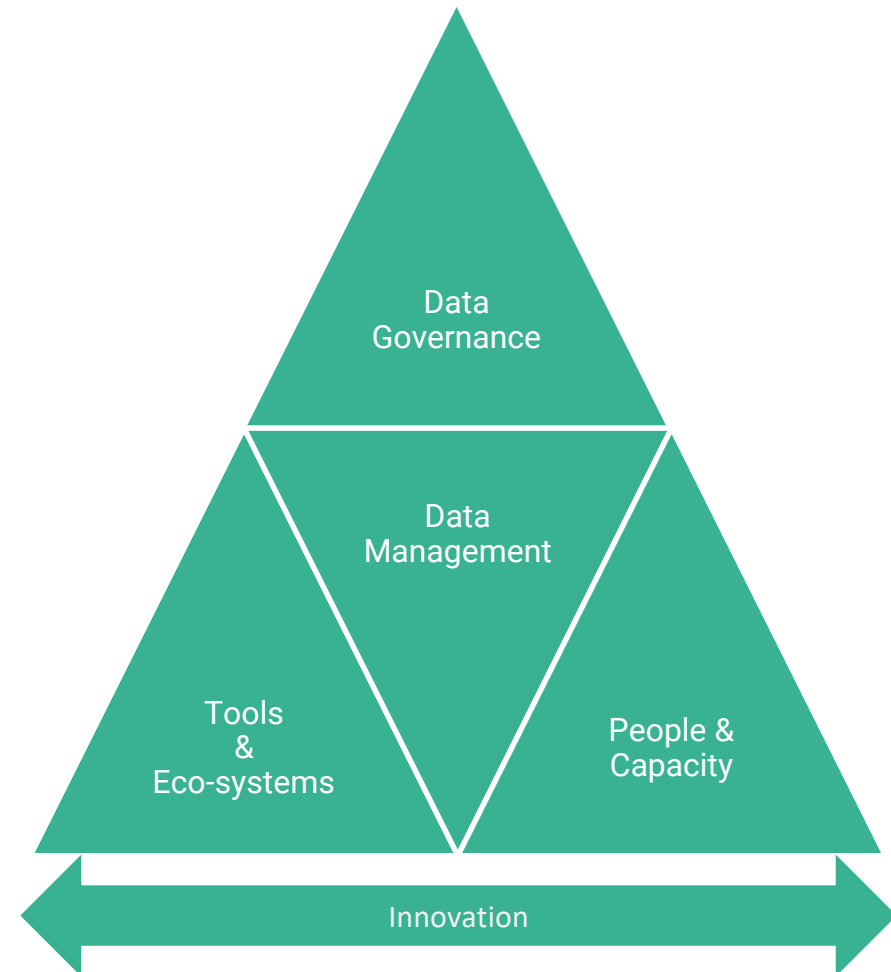
- Digital Platforms and eco-systems
- Developing and sharing tools

People & Capacity

- Data Literacy
- Data Capacity preparedness

Innovation

- Innovative data analytics
- New data streams
- AI



AGOD PARTNERSHIPS



Advisory Forum

Supporting AF at strategic level in data related matters



Data Networks

Interaction with data networks in Subgroups to collect expertise and needs from MS



Focal Points

Collaboration in identifying partners and implementing project ideas



EFSA and EC

Strategic input on and oversight of alignment of data related activities with EFSA Data Roadmap



FOCAL POINT TAILOR-MADE DATA PROJECTS

- Data Capture @Point of Sampling Tool
Leader – Portugal, Participants – Denmark, Germany
- Data Model Mapping Tool (Sweden)
Leader: Sweden, Participants – Denmark, Germany, Italy
- Data Model Mapping Tool (Italy)
Leader: Italy, Participants – Denmark, Germany
- **Data Flow Mapping in Member States**



DATA FLOW MAPPING IN MEMBER STATES

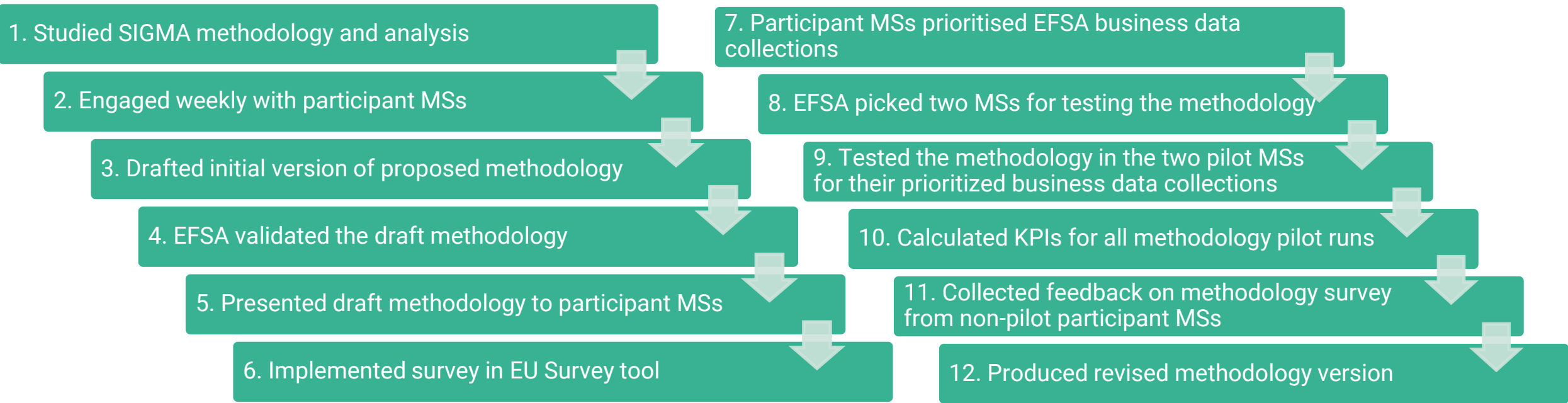


DATA FLOW MAPPING IN MEMBER STATES

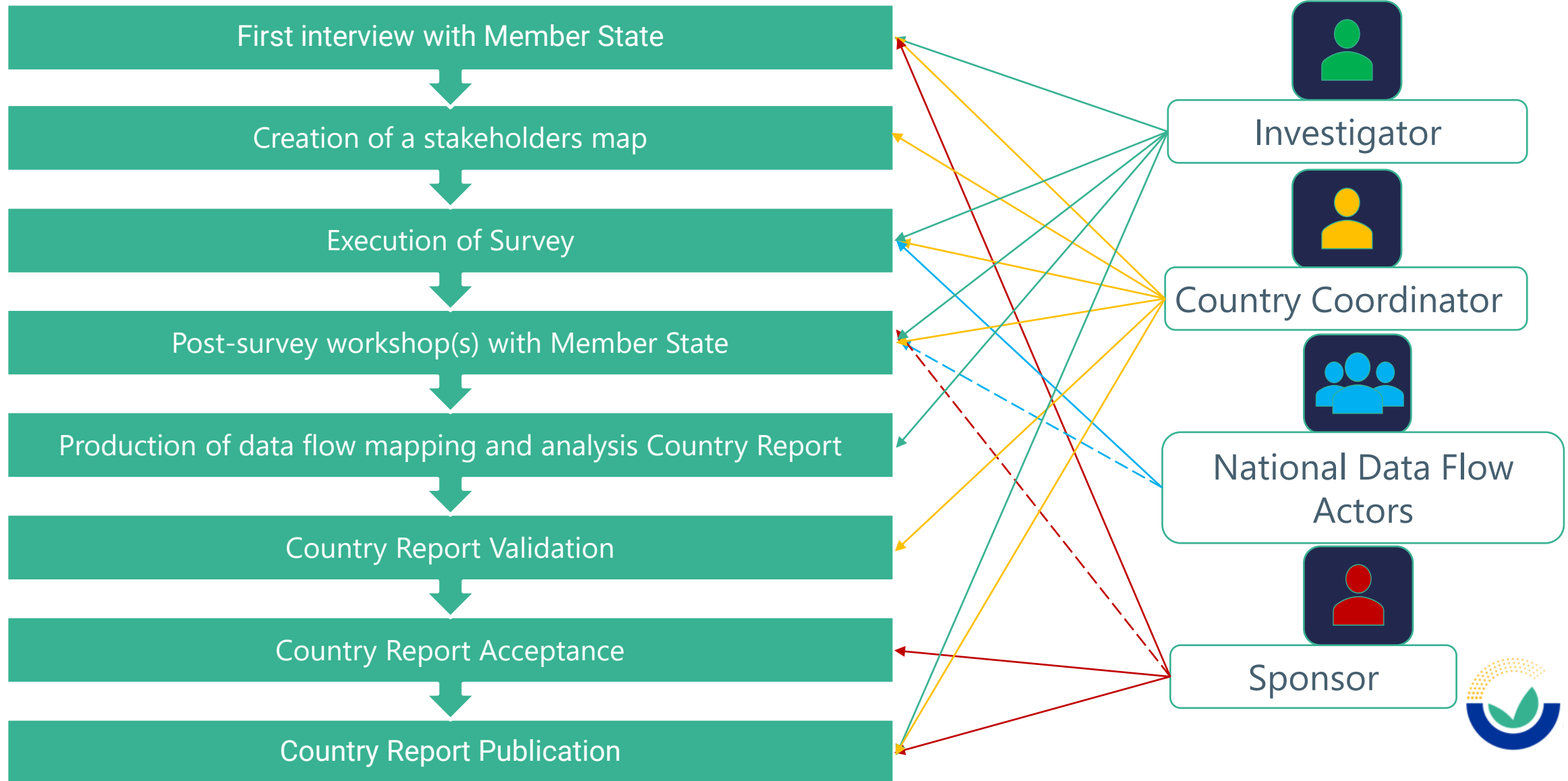
- Address the **need** identified by Advisory Group on Data (**AGoD**) members
- For **systematic knowledge** about the **internal data flows and data processes** at Member State level in multiple data domains
- With a **focus** on existing **bottlenecks and “pain points”** and proposal for possible **common solutions**
- **Cooperation** between MSs, NRB/TRASYs, and EFSA



DATA FLOW MAPPING: DEVELOPING THE METHODOLOGY



DATA FLOW MAPPING STEPS



DATA FLOW MAPPING METHODOLOGY

- All steps required in the data collection process have been categorized into phases

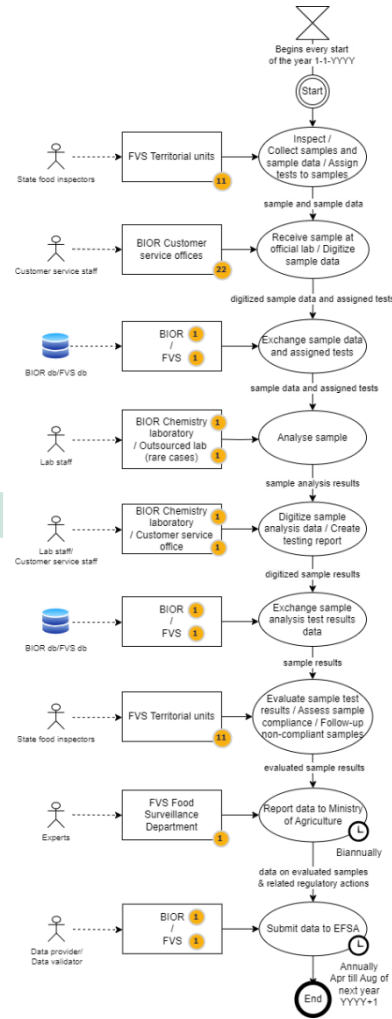
| # | Flow Phase | Description |
|---|--------------------------|--|
| 1 | Planning | The steps that include the planning activities (if exists) |
| 2 | Sampling/Lab Analysis | The steps that include the process of the sampling and the sampling analysis and the creation of the analysed data in the labs (if exists) |
| 3 | Data analysis/collection | The analysis and the collection of the data by the competent authority (if exists) |
| 4 | Data processing | The steps that include the processing of the data to predefined format, i.e., EFSA, or other (if exists) |
| 5 | Decision making | The steps that include any decision activities regarding the data handling (if exists) |
| 6 | Sharing with EFSA | The steps that refer to the submission of the data to EFSA |



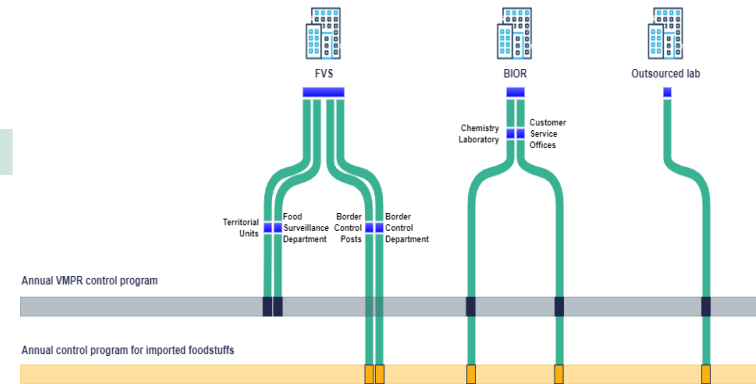
DATA FLOW MAPPING COUNTRY REPORTS

| # | National Data Flow Name ² | Step 1 | Step 2 | Step 3 | Step 4 | Step 5 | Step 6 | Step 7 ⁴ | Step 8 | Step 9 | Step 10 |
|---|--------------------------------------|--|--|--|---------------------|---|--|--|---|---|---------|
| 1 | Annual VMPR control program | Food and Veterinary service (FVS) inspection ⁷ . Collection of samples and sample | Reception at the official lab (Institute of Food Safety, Animal Health and | Data exchange with FVS (sample data and assigned tests). ¹¹ | Laboratory analysis | Transfer of analysis data to LIMS/Creation of testing | Data storage ¹¹ . Data exchange with FVS. | Evaluation of test results and conclusion on the compliance/noncompliance of the | Reporting to ¹⁰ Ministry of Agriculture. ¹⁷ | Data ¹¹ submission to EFSA ¹⁹ | |

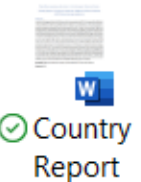
Raw survey responses



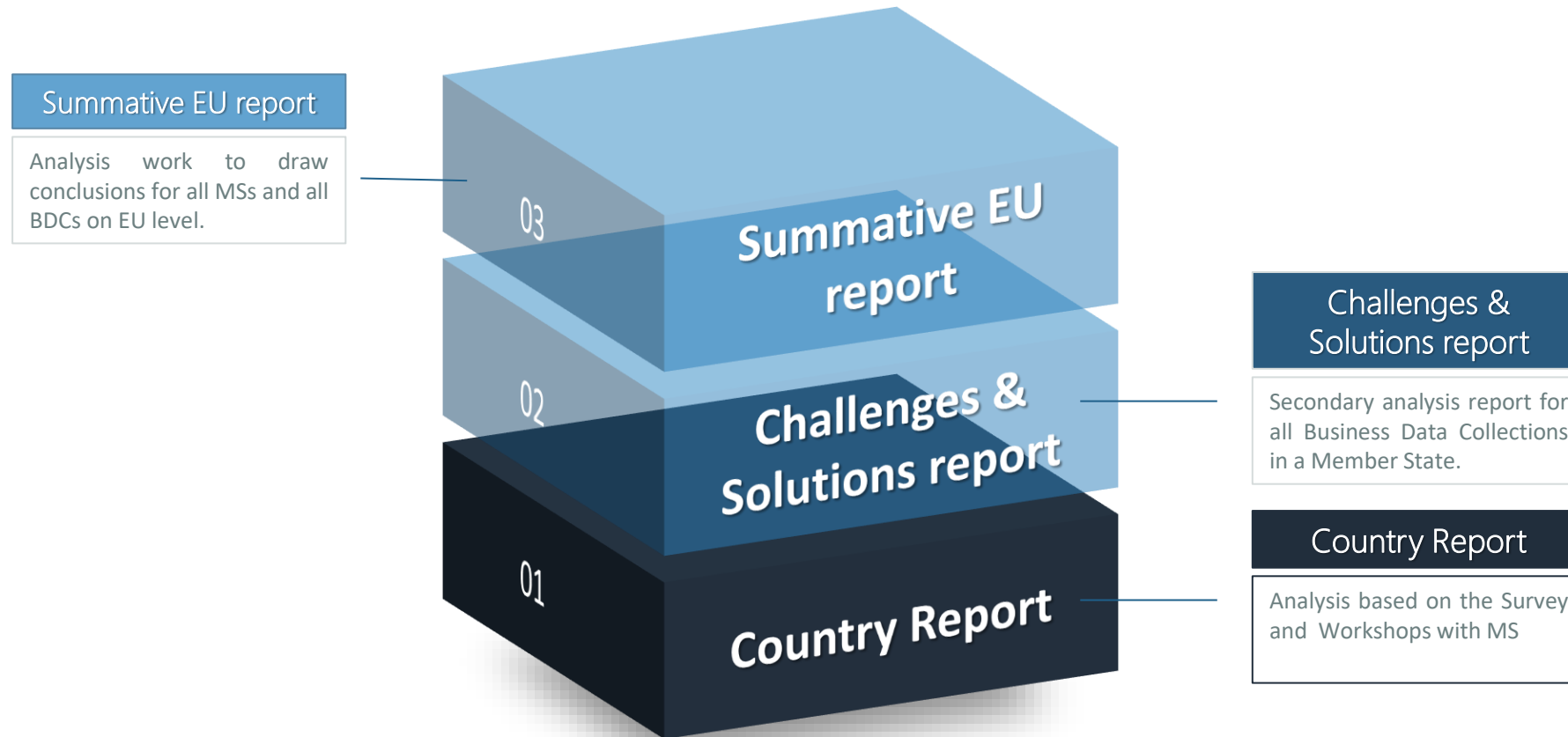
Data flow diagrams



Data ownership map

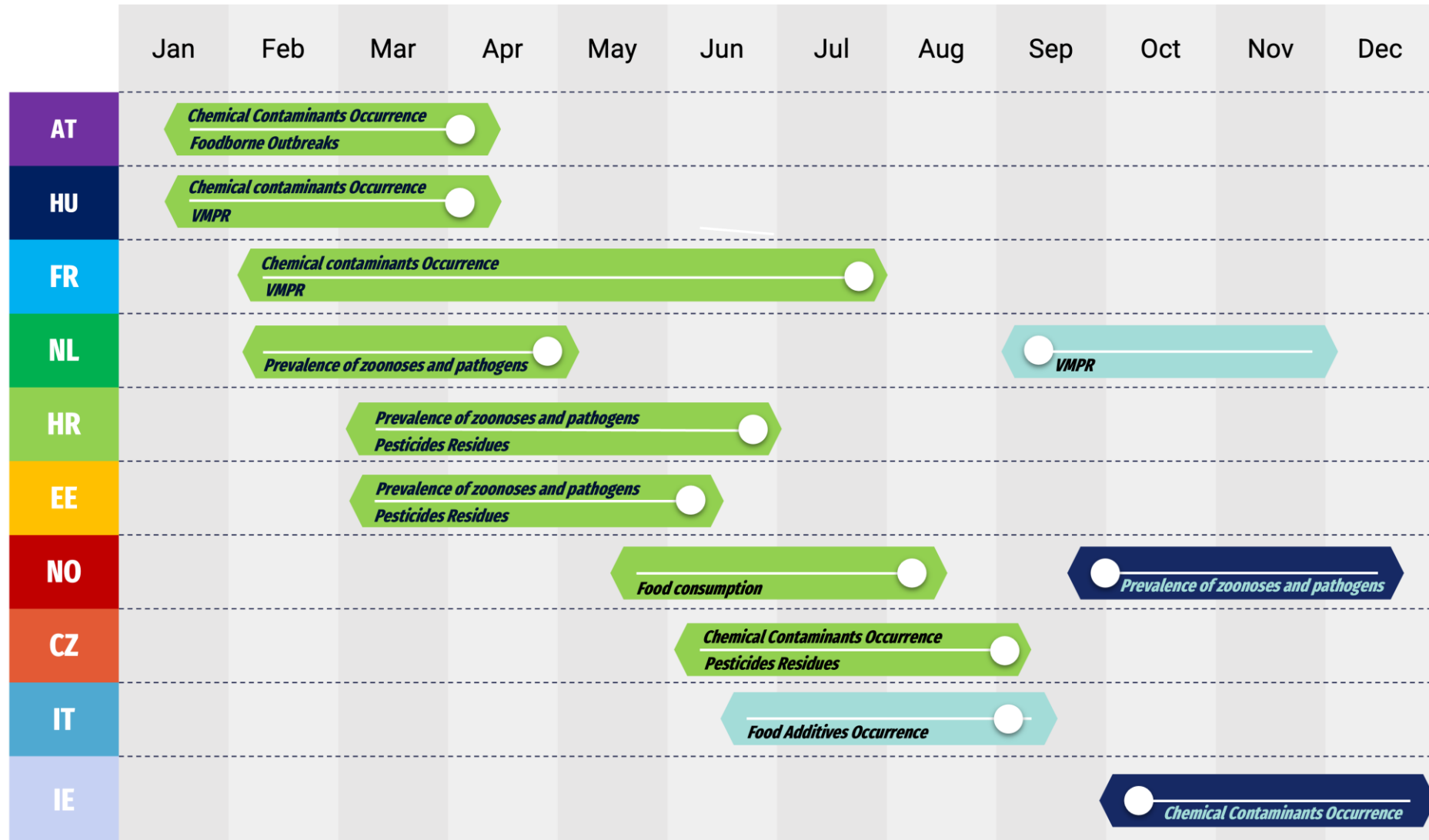


DATA FLOW MAPPING BLOCK OF REPORTS



PROGRESS OF DATA FLOW MAPPING IN MEMBER STATES

High level Gantt Chart



Updated 05/09/2024



DATA FLOW MAPPING NEXT STEPS



Run successfully the pending methodology cycles, keeping the project's time limitations & potentially engage even more MSs into the process



Distribute the Challenges & Solutions reports to the respective MSs sharing knowledge, gaining a common understanding with EFSA, and potentially triggering targeted actions on MS side



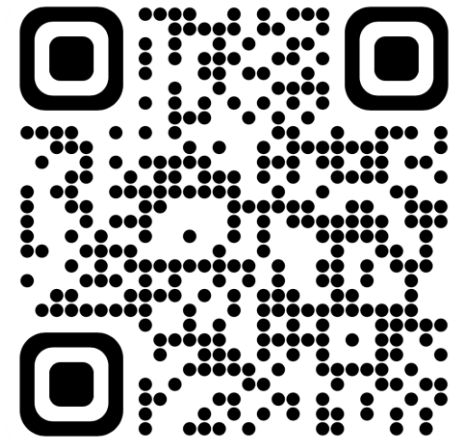
A new report that functions as a complete summary for all MSs and all BDCs on EU level and supports EFSA/AGoD to derive strategic objectives & policies



AGOD FUTURE OUTLOOK

AGOD FUTURE OUTLOOK

- Invest in data generation
- Build ontologies
- Share tools, standards, data, models
- Use open data standards
- Educate
- Manage changes
- Explore 'lighthouse' ideas/projects for AI
- Build networks and partnerships



<https://www.efsa.europa.eu/en/advisory-group-on-data>

