

Info session: (Re-)Evaluating Food Additives

DAY 2: 20 March 2024

SESSION 2 | Future work

DATA COLLECTION ON FOOD ADDITIVES/FOOD FLAVOURINGS UNDER THE MONITORING PROGRAMME

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MANDATE - MONITORING ON FOOD ADDITIVES (FA) AND FOOD FLAVOURINGS (FF)

- **Request for scientific and technical assistance in the collection and reporting of the data obtained by the Member States in accordance with Article 27 of Regulation (EC) No 1333/2008 and Article 20 of Regulation (EC) No 1334/2008**

Terms of reference:

Task 1

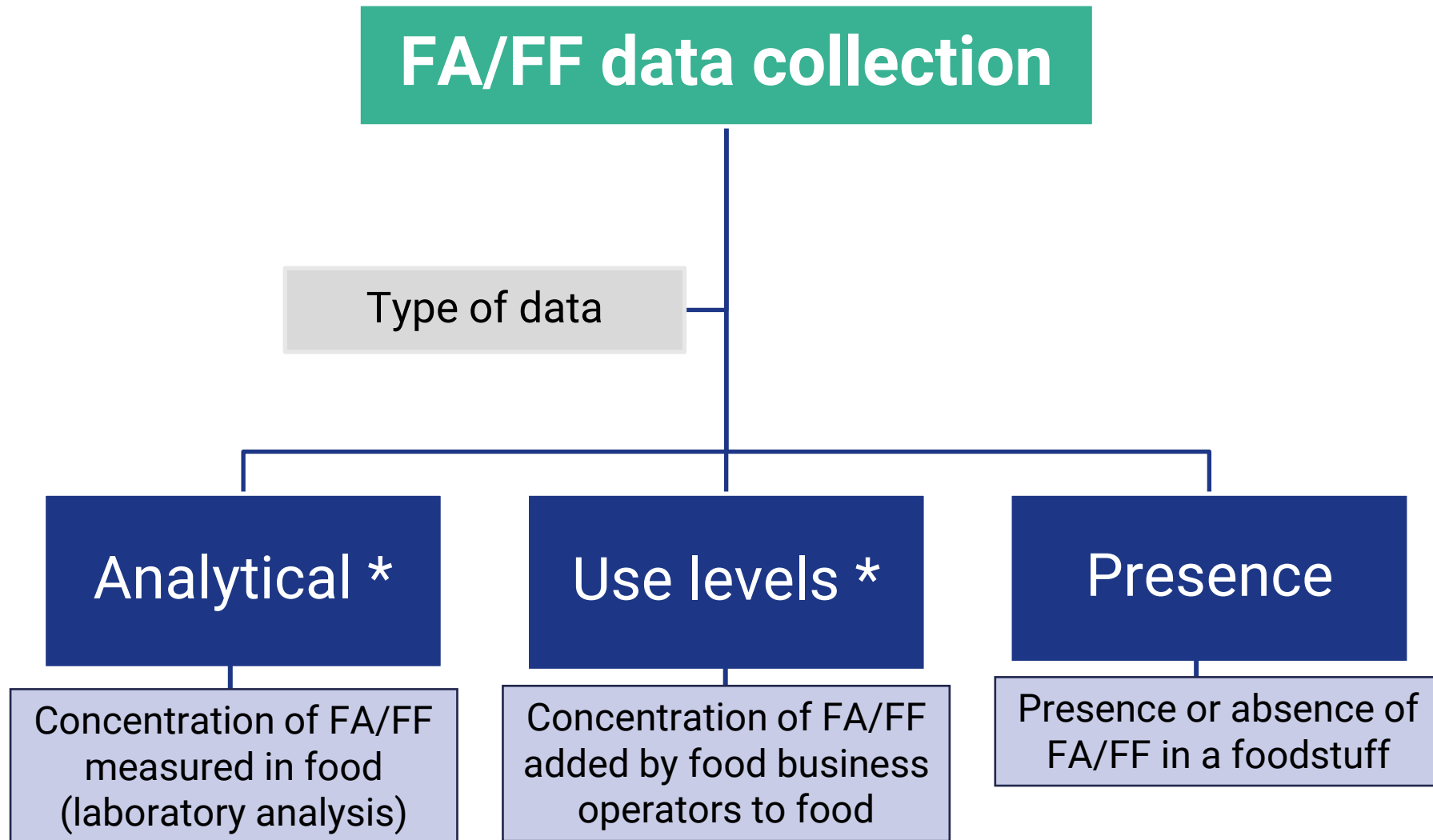
- Develop a **data collection** system allowing direct data submission of monitoring data on FA/FF by MS and other interested stakeholders
- Collection of **analytical data, use levels** and **presence data** (natural occurrence and other sources)

Task 2

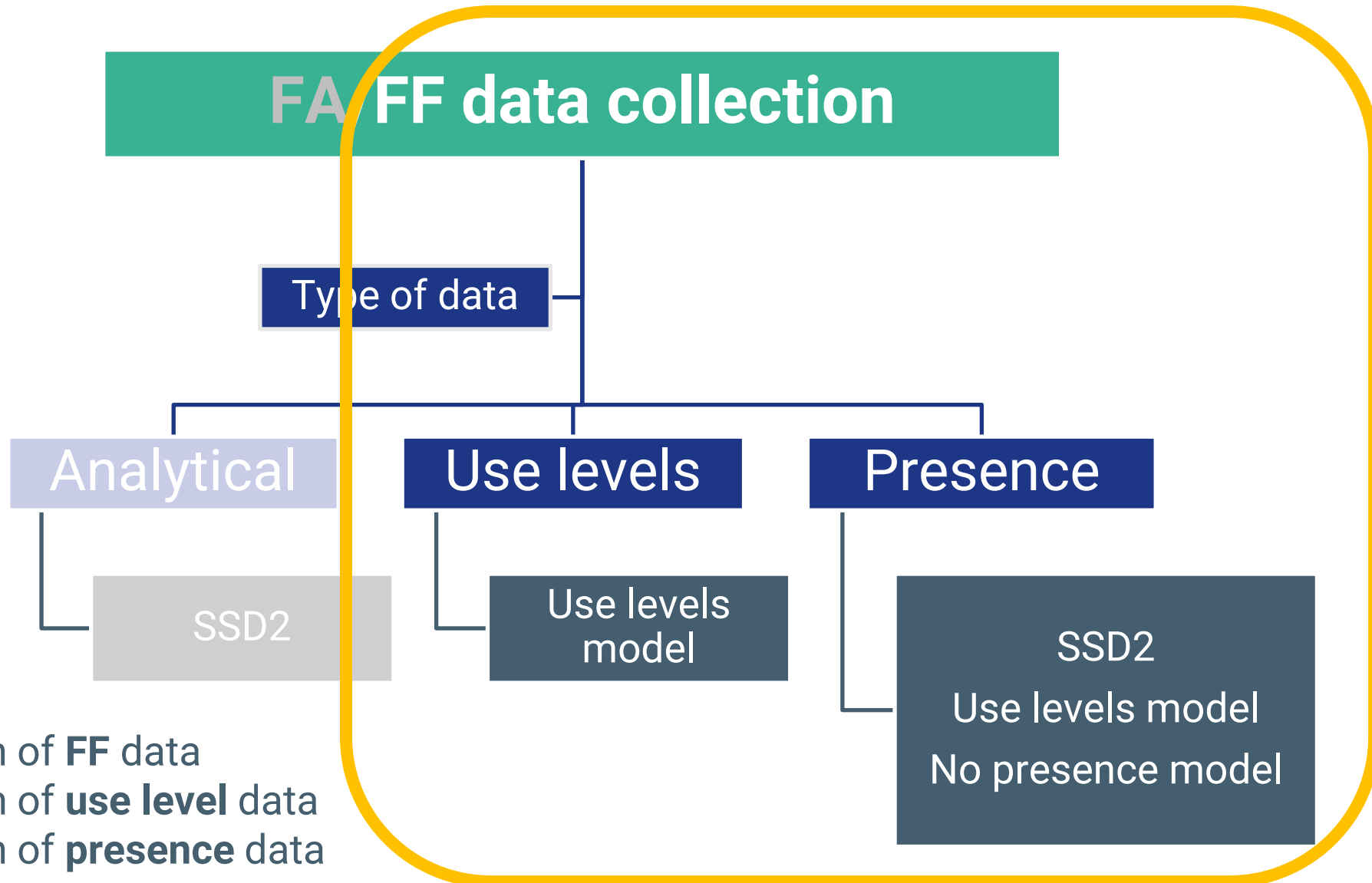
Perform the pilot phase: collect on a yearly basis monitoring data on FA/FF, analyse the collected data, calculate the dietary exposure, draft a yearly report



FA/FF DATA COLLECTION



WHAT IS NEW IN THE FA/FF DATA COLLECTION?



- Collection of **FF** data
- Collection of **use level** data
- Collection of **presence** data



HOW TO REPORT ANALYTICAL DATA

- **Analytical data model (SSD2)**
- Data collection on **FA** will be done as currently it is done within the ChemMon
- Data collection on **FF** will use SSD2 (as FA)
- Chemical monitoring **reporting guidance**: 2024 data collection (2025 version)

<file:///C:/Users/linaral/Downloads/EFSA%20Supporting%20Publications%20-%202024%20-%20-%20-%20Chemical%20monitoring%20reporting%20guidance%20%202024%20data%20collection.pdf>



HOW TO REPORT USE LEVEL DATA

- **NEW use level data model**
- Food and food category level (not sample level)
- Data collection on **FA** and **FF**
- When possible, SSD2 data elements have been recycled; other data elements nomenclatura derived from SSD2
- **NEW guidance** “Guidance for reporting the 2025 FA and FF use level data”



HOW TO REPORT PRESENCE DATA

- Together with analytical data: Analytical DM (SSD2) → **evalInfo.conclusion**
- Together with use level data: Use level DM → **presenceAdded**
- Alone without use level data (typical level = 0): Use level DM → **presenceAdded**

1. ANALYTICAL Data Model (food sample)		
Food additive	Analytical result (resVal)	Presence (eval.Info.conclusion)
Aspartame	37	Yes, present on the label/added
Citric acid	45	Yes, present on the label/added
Tartaric acid	5	No, not present on the label/not added

2. USE - LEVEL Data Model (food category)			
	Food additive	Use result (typical level)	Presence/Added (presenceAdded)
Product 1	Aspartame	40	Yes, present on the label/added
	Citric acid	15	Yes, present on the label/added
Product 2	Aspartame	52	Yes, present on the label/added
	Citric acid	0	No, not present on the label/not added



HOW TO REPORT PRESENCE DATA ALONE (SAMPLE LEVEL)

- Alone without analytical data: **NEW no presence DM** → presenceAdded
- **NEW guidance** “Guidance for reporting the 2025 FA and FF no presence data at sample level”
 - Positive presence data alone are not accepted because these data are not be useful for exposure assessment (always linked to an analytical result/use levels)
 - However, negative presence data alone can be useful to refine dietary exposure

NO PRESENCE data model: to give the DP the possibility to provide negative presence data alone

This model was detached from the analytical data model due to technical reasons (business rules)



DATA MODELS PROCESS

- Consultation on the data model guidances at the end of 2023
 - Knowledge exchange on data collection with industry (FA/FF monitoring channel)
- Assessment of all comments by EFSA
- The new model will be available by the 1st April 2024
- The **pilot phase** of the data collection will start in April 2025 (first call), and April 2026 (second call) with 5 prioritized substances



PILOT PHASE

Priority list of substances

Data collection year	Food additives	Food flavourings
2025	Green S (E 142) Tartrazine (E 102) Ponceau 4R, Cochineal Red A (E 124)	Caffeine (16.016) Pulegone (annex III)
2026	Butylated hydroxytoluene, BHT (E 321) Sorbic acid-sorbates (E 200-203)	Coumarin (annex III) Hydrocyanic acid (annex III) Theobromine (16.032)



RESOURCES

- Reporting guidances (analytical, use levels and presence data)
- Catalogues (EFSA controlled terminology)
- Reporting tools (in line with SSD2 guidance and catalogues codes); they provide support for manual data entry, preliminary (limited) validation and creation of XML files for direct submission to the EFSA system

EFSA reviews all the resources → After the closure of the DCs each year (based on the comments received throughout the DC)



RESOURCES

➤ Reporting guidance for use level data (example)

Element label	Element name	Type	Controlled terminology	Mandatory/Optional	Notes
Programme legal reference	progLegalRef	xs:string (5)	LEGREF	Mandatory	
Product identification code	prodId	xs:string (100)		Mandatory	Unique identifier of the category reported.
Reporting country	repCountry	xs:string (2)	COUNTRY	Optional	
Marketing country	marketCountry	xs:string (2)	COUNTRY	Mandatory	List of countries in which the food is sold.
Reporting year	repYear	xs:integer (4)		Mandatory	Provide the reporting year, which needs to be equal to the current year of the data collection.
Coded description of the matrix	matCode	xs:string (5)	MTX	Mandatory	Description of the food item according to FoodEx2 (MTX) catalogue.
Textual description of the matrix	matText	xs:string (250)		Optional	
Restriction or exception	restrictionException	xs:string (250)		Dependent mandatory	
Brand name	brandName	xs:string (250)		Optional	
Manufacturer name	manufacturer	xs:string (250)		Optional	
Manufacturer type	foodIndustry	xs:string (2)	YESNO	Mandatory	Only codes from the YESNO catalogue.
Formulation of the product	formulation	xs:integer (5)	MTX F03: physical state	Mandatory	
Parameter code	paramCode	xs:string (15)	PARAM	Mandatory	Only the param codes of the additive from the hierarchy 'addAnalysis' and/or 'flavAnalysis' of the PARAM catalogue can be reported.
Parameter text	paramText	xs:string (250)		Optional	Textual description of the parameter.
Record identification code	reclId	xs:string (100)		Mandatory	Unique identifier of each reported record.
Widely consumed product	widelyConsumed	xs:string (2)	YESNO	Optional	This field can be used to report if the product is a 'Widely consumed' or 'Niche product'.
Presence/Added	presenceAdded	xs:string (250)	CONCLUS	Mandatory	Textual declaration of the presence of the FA/FF on the product category/food.



2025 DATA COLLECTION - TIMELINES

When	What
1 March 2025	Testing Period
1 April 2025	Opening of the official data collection
30 June 2025	Deadline for all datasets to be transmitted to EFSA
1 July 2025	Confirmation document available for accepting the data into the EFSA's DWH
31 August 2025	Closure of data validation and acceptance





Thank you for your attention!

Looking forward to your continued and precious collaboration.

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