



Your data: their importance in the exposure assessment

Jean-Charles Leblanc, chair of the WG on exposure assessment

Stakeholder Workshop,
24 November 2017

Exposure approach

- Published October 2017
<http://onlinelibrary.wiley.com/doi/10.2903/j.efsa.2017.5042/epdf>
- Describes the state of play of exposure assessment of food additives re-evaluation
 - Methods
 - Refined scenarios : Brand-loyal and non-brand-loyal
 - Specific scenarios: FSMP, Food supplements
 - Data

Approach followed for the refined exposure assessment

STATEMENT



ADOPTED: 30 June 2017

doi: 10.2903/j.efsa.2017.5042

Approach followed for the refined exposure assessment as part of the safety assessment of food additives under re-evaluation

EFSA Panel on Food Additives and Nutrient Sources added to Food (ANS), Alicja Mortensen, Fernando Aguilar, Riccardo Crebelli, Alessandro Di Domenico, Birgit Dusemund, Maria Jose Frutos, Pierre Galtier, David Gott, Ursula Gundert-Remy, Claude Lambré, Oliver Lindtner, Peter Moldeus, Pasquale Mosesso, Dominique Parent-Massin, Agneta Oskarsson, Ivan Stankovic, Ine Waalkens-Berendsen, Rudolf Antonius Woutersen, Matthew Wright, Maged Younes, Polly Boon, Christina Tlustos, Davide Arcella, Alexandra Tard and Jean-Charles Leblanc

Abstract

This statement describes the approach followed by the EFSA Panel on Food Additives and Nutrient Sources added to Food (ANS) for performing refined exposure assessment in the framework of the re-evaluation of already permitted food additives. Estimation of exposure is obtained through combination of different type of data originating from different sources: food additive concentration is obtained from information provided to EFSA on use levels and/or information obtained by means of analytical measurements. In recent years, the use of market research data has also been used. The statement provides also a description of the three different scenarios used for the exposure assessment of food additives under re-evaluation, from the more conservative regulatory maximum level exposure assessment scenario to more refined ones. Lastly, a description is provided on the approach used for the uncertainty analysis which accompanies the exposure assessment.

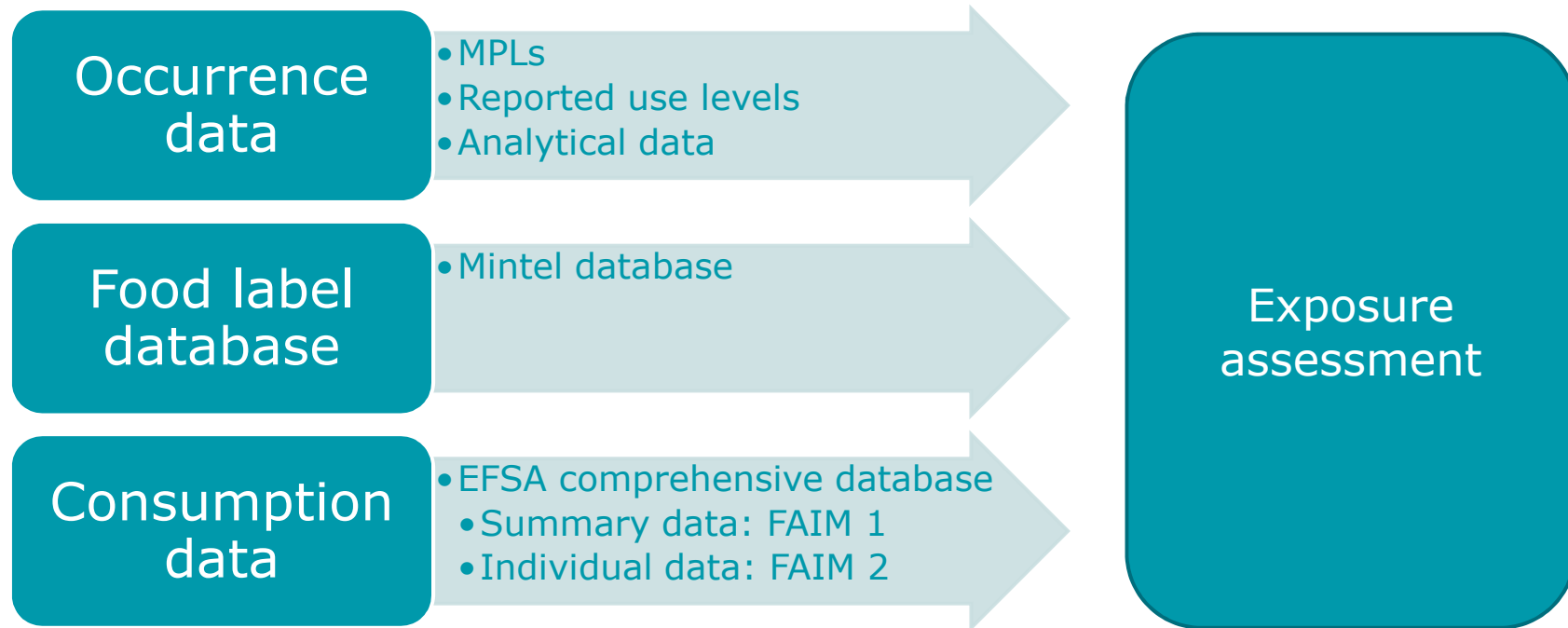
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Keywords: dietary exposure, concentration data, Comprehensive European Food Consumption Database, food additives

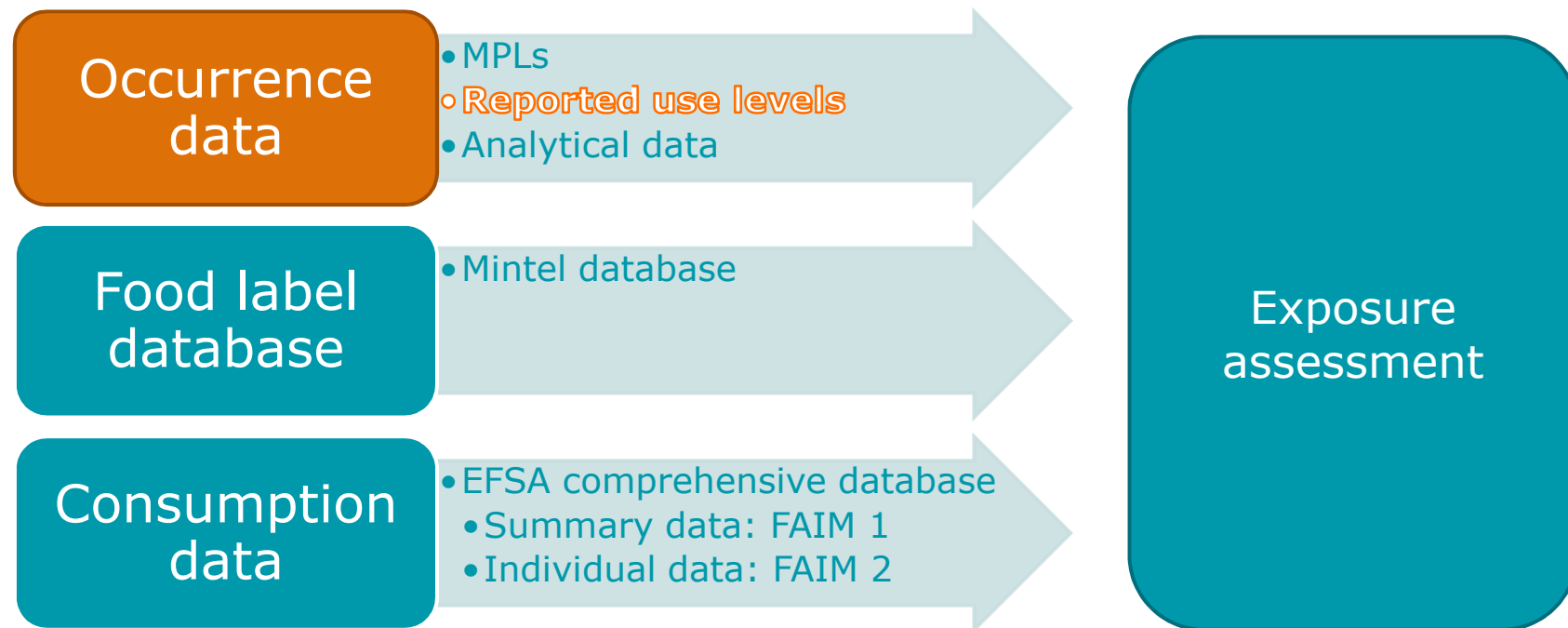
Requester: European Food Safety Authority

Question number: EFSA-Q-2017-00489

DATA



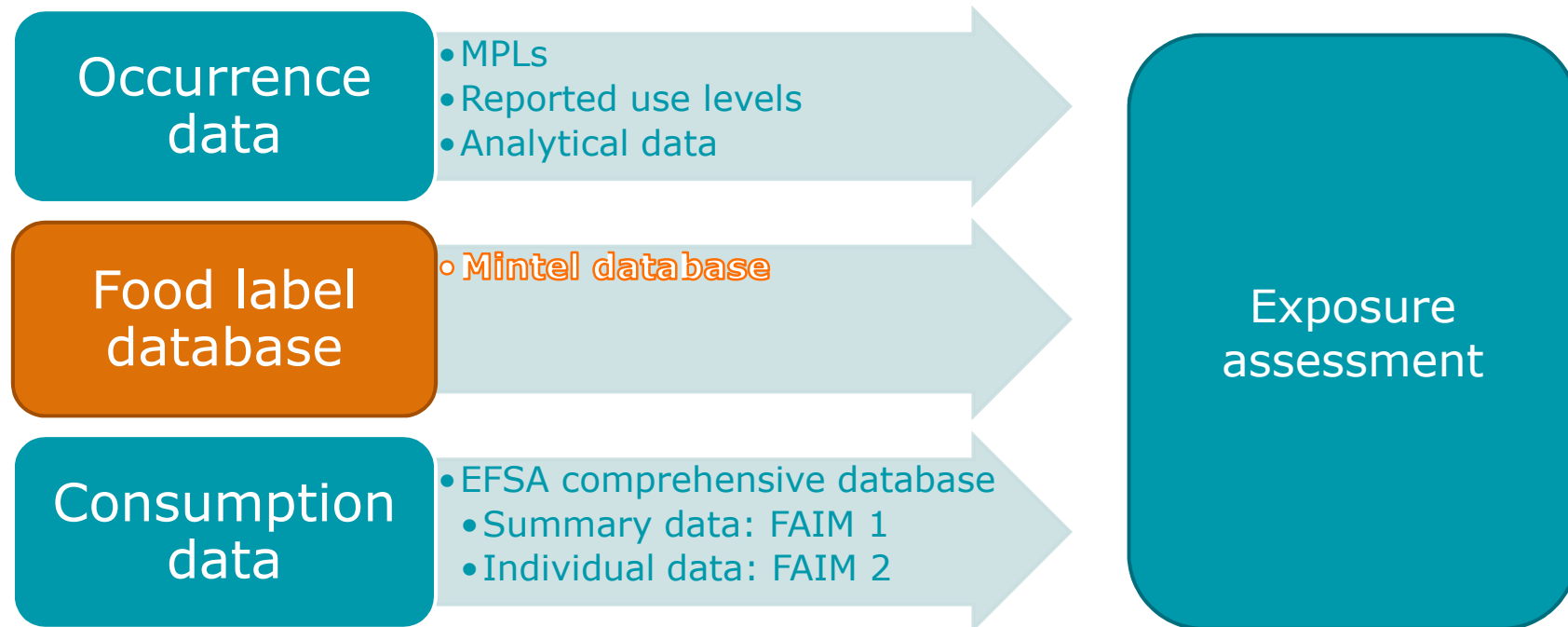
DATA



Data: your data

- Regular calls for data until work program completed (meaning still calls to go)
- Any information is essential:
 - Use / non use
 - Details of the food products within the food category
 - Levels provided for food additives authorised in FC 0, authorised according to Annex III to Reg N°1333/2008

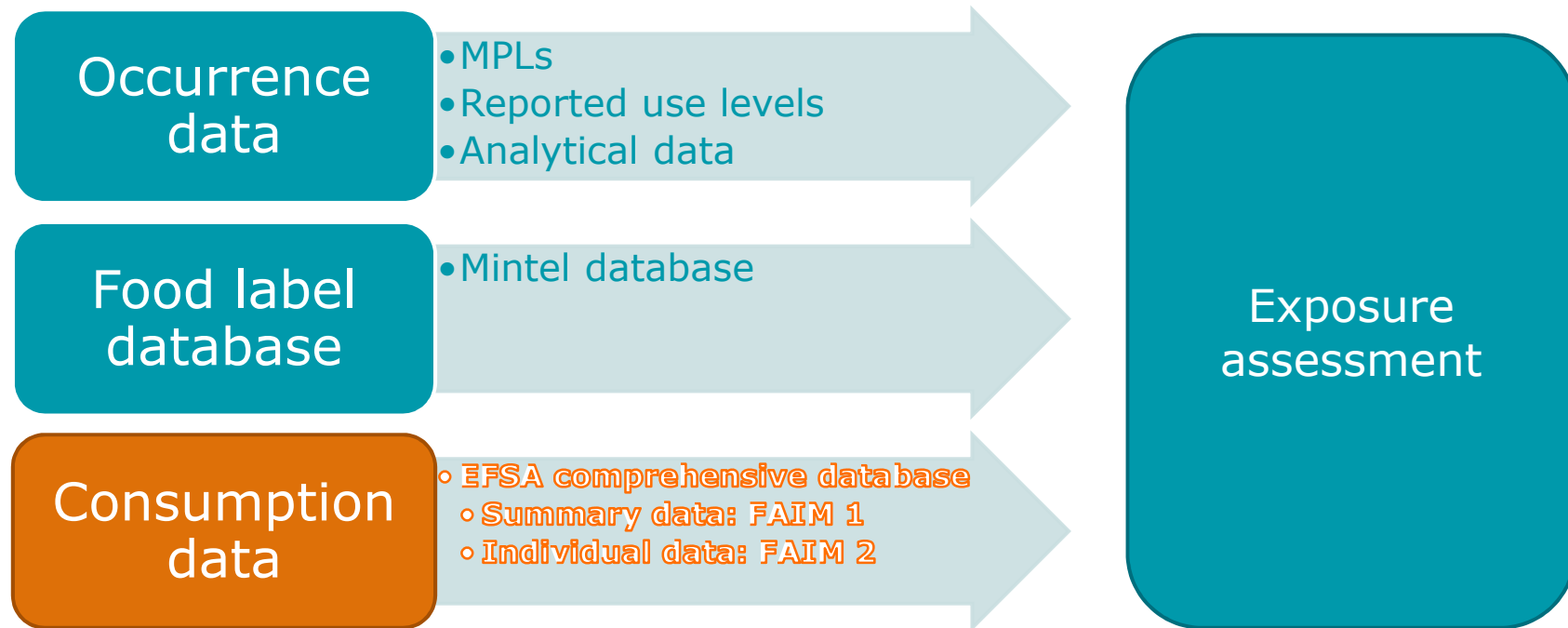
DATA



Food label database : Mintel GNPD

- Included in the opinion as qualitative information
 - As no possible link between brand and foods available in the EFSA Comprehensive database
- Exposure estimates discussed as regards products labelled with the food additives in Mintel GNPD

DATA



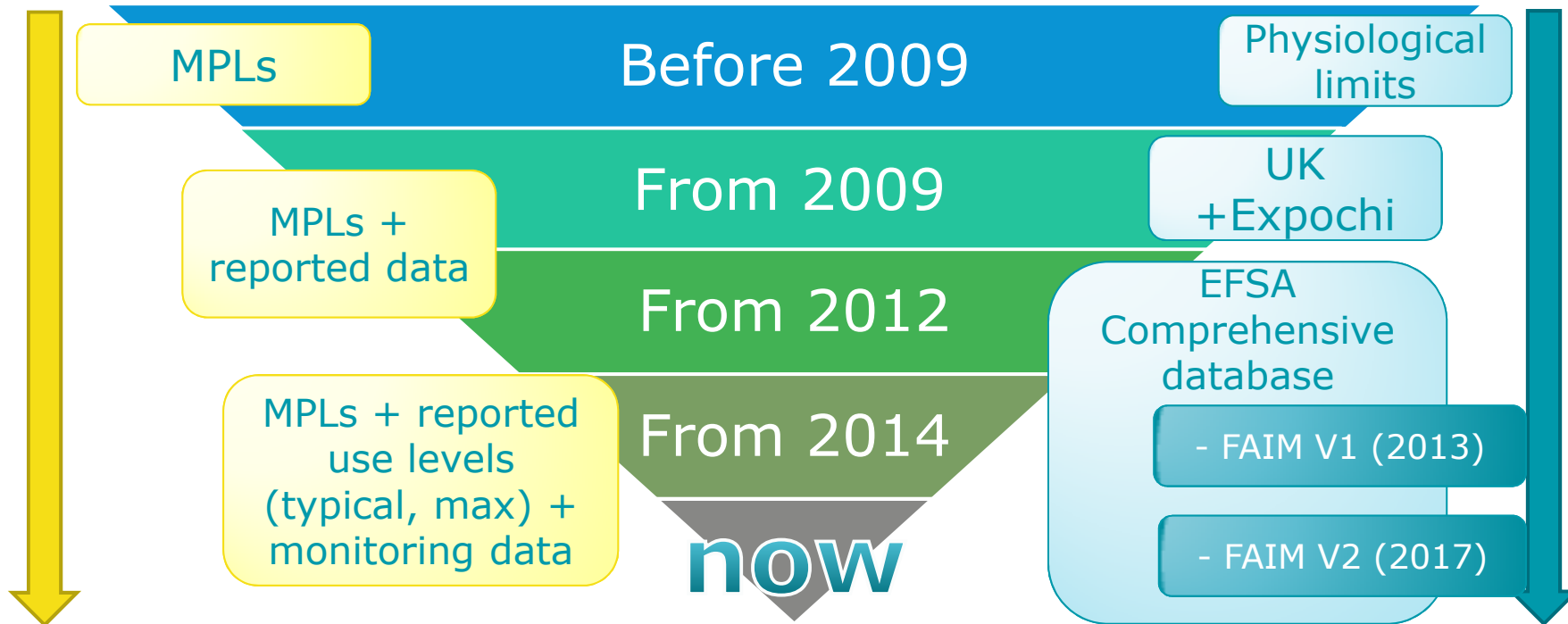
EFSA comprehensive database

- From FAIM 1 : summary food consumption data
 - Used from 2012 to 2014
- To FAIM 2 : individual food consumption data used since mid 2014
 - More than 10 millions consumption records across Europe

Developments

Increased quality in chemical occurrence

Increased quality/number of surveys in food consumption



Allura red

Before 2009 up to 2012

		children	adults
Budget method		13.1	8.1
MPLs	mean	0.8-3.4	0.9
	high level	1.8- 9.4	2.1
Tier 3	mean	0.5-3.0	0.8
	high level	1.2- 8.5	1.9

From 2012 up to now

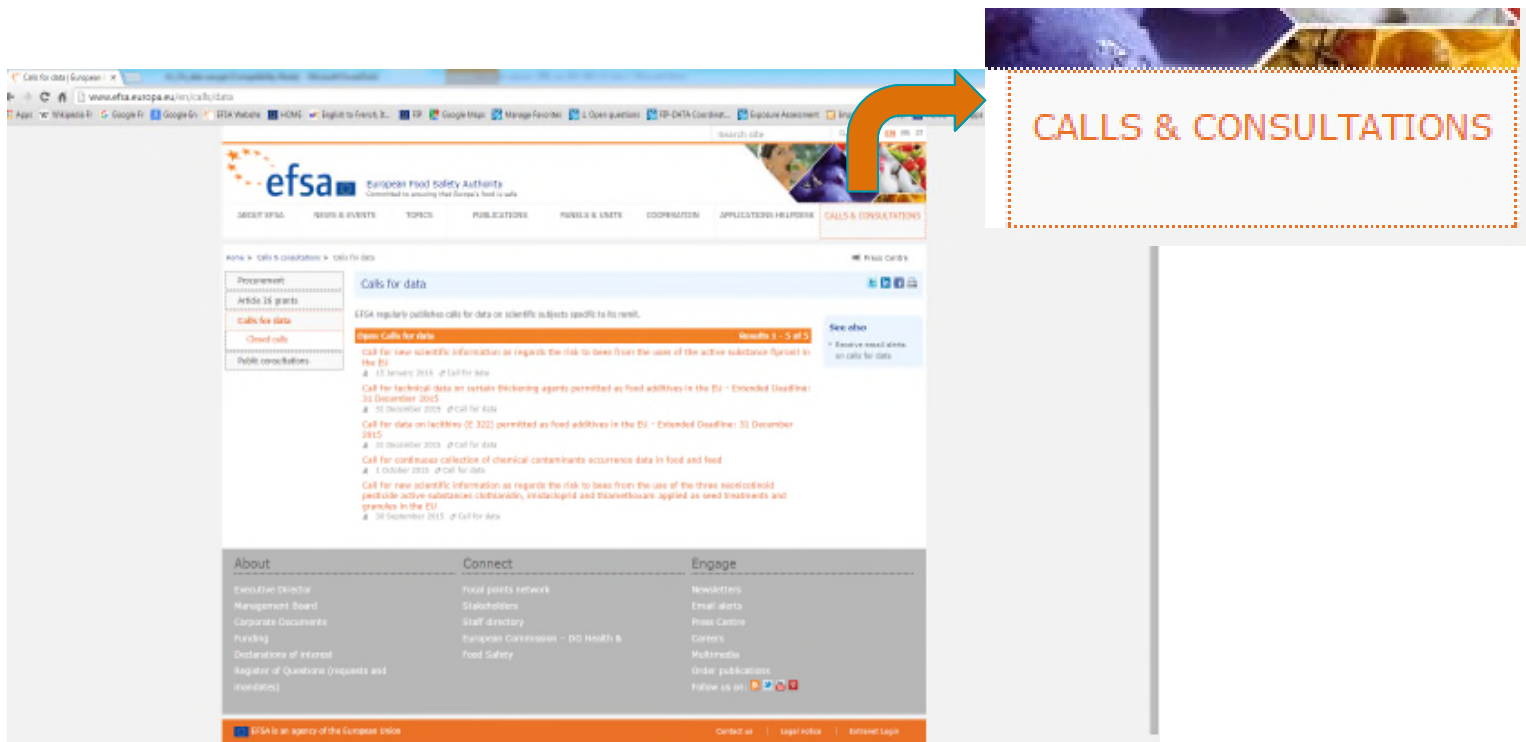
		toddlers	Children	adolescents	adults	the elderly
MPLs	mean	0.9-3.9	0.9-3.2	0.3-1.4	0.3-1.0	0.1-0.5
	p95	2.8- 6.7	1.9-6.4	0.9-3.1	0.8- 2.4	0.5- 1.1
BL	mean	0.1-1.4	0.4-1.2	0.2-2.7	0.1-0.4	0.03-0.2
	p95	0.4-2.7	0.9- 2.9	0.7-2.1	0.4- 1.2	0.1- 0.6
NBL	mean	0.03-0.6	0.1-0.5	0.1-0.3	0.02-0.2	0.01-0.1
	p95	0.1-1.1	0.3- 1.2	0.3-0.9	0.1- 0.5	0.03-0.3

Perspectives / how you can help us

- On reported use levels:
 - More data in response to our calls
 - More specific with respect to the food
 - More information on the non use
 - Information about representativeness
 - Accuracy on the data

Engage with EFSA

- <http://www.efsa.europa.eu/en/calls/data>



The screenshot displays the EFSA website's 'Calls for data' page. The page features a navigation menu at the top with 'CALLS & CONSULTATIONS' highlighted. Below the header, there is a 'Calls for data' section with a sub-header 'Open Calls for data' and a list of current calls. An orange arrow points from the 'CALLS & CONSULTATIONS' menu item to the 'Calls for data' section. A callout box on the right contains the text 'CALLS & CONSULTATIONS'.

CALLS & CONSULTATIONS

Open Calls for data Months 1 - 5 of 5

- Call for new scientific information as regards the risk to bees from the use of the active substance *flupyradifurone* in the EU
15 January 2014 - # Call for data
- Call for technical data on certain thickening agents permitted as food additives in the EU - **Extended Deadline: 30 December 2015**
10 December 2014 - # Call for data
- Call for data on feedlot (C 322) permitted as food additives in the EU - **Extended Deadline: 31 December 2015**
25 December 2014 - # Call for data
- Call for continues collection of chemical contaminants occurrence data in food and feed
1 October 2014 - # Call for data
- Call for new scientific information as regards the risk to bees from the use of the three neonicotinoid pesticide active substances *clothianidin*, *imidacloprid* and *thiamethoxam* applied as seed treatments and granules in the EU
26 September 2013 - # Call for data


About

- Executive Director
- Management Board
- Corporate Documents
- Funding
- Declarations of Interest
- Register of Questions (requests and inquiries)

Connect

- Local points network
- Stakeholders
- Staff directory
- European Commission - DG Health & Food Safety

Engage

- Newsletters
- Email alerts
- Press Centre
- Careers
- Multimedia
- Order publications
- Follow us on: 

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- Thank you !
- Questions/remarks/discussion

