



EFSA

Trusted science for safe food

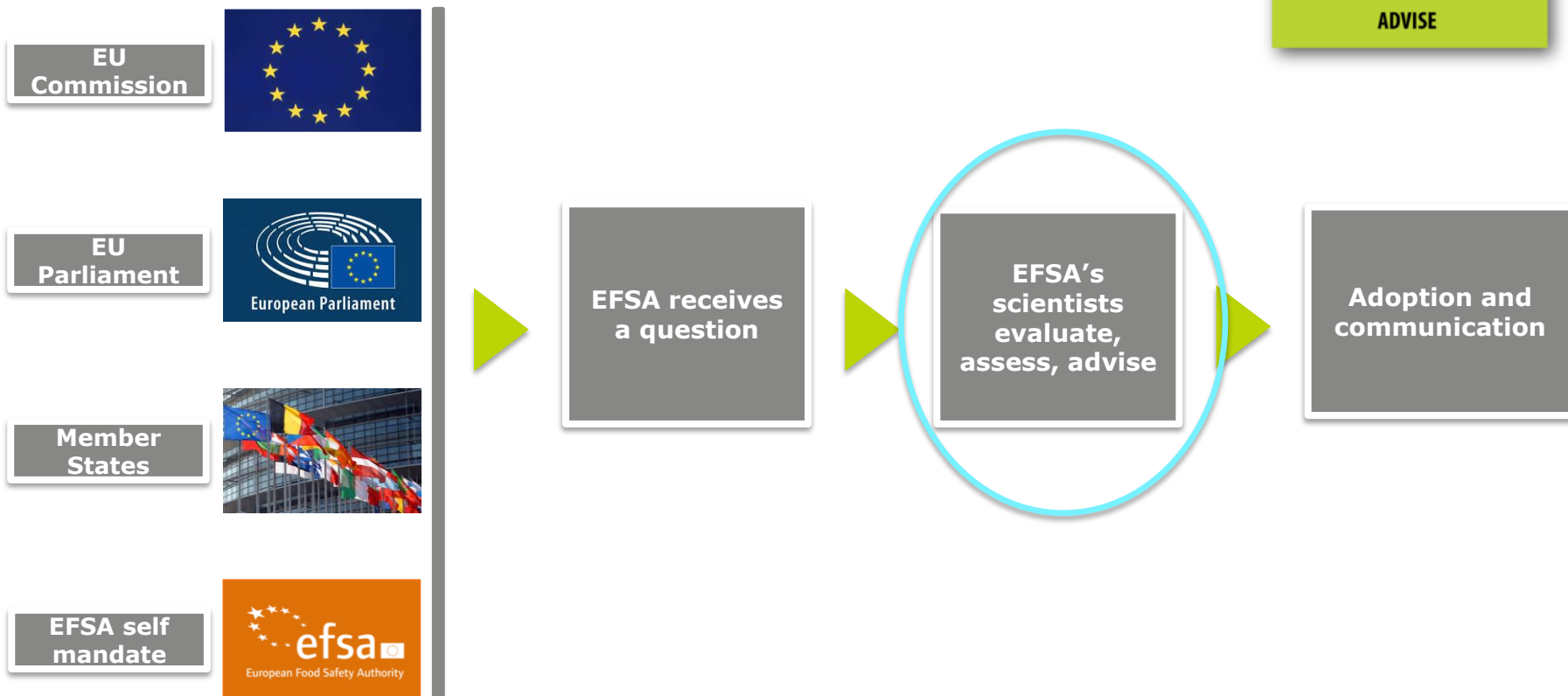
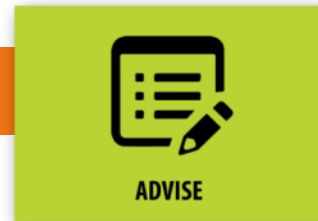
Usability of EFSA's Scientific Outputs

Reinhilde Schoonjans

Arthur Healy

The process of producing EFSA opinions

QUESTIONS AND ANSWERS



SCIENTIFIC EXPERTISE

Scientific Committee

- Ensures consistency
- Issues guidance
- Assesses emerging risks

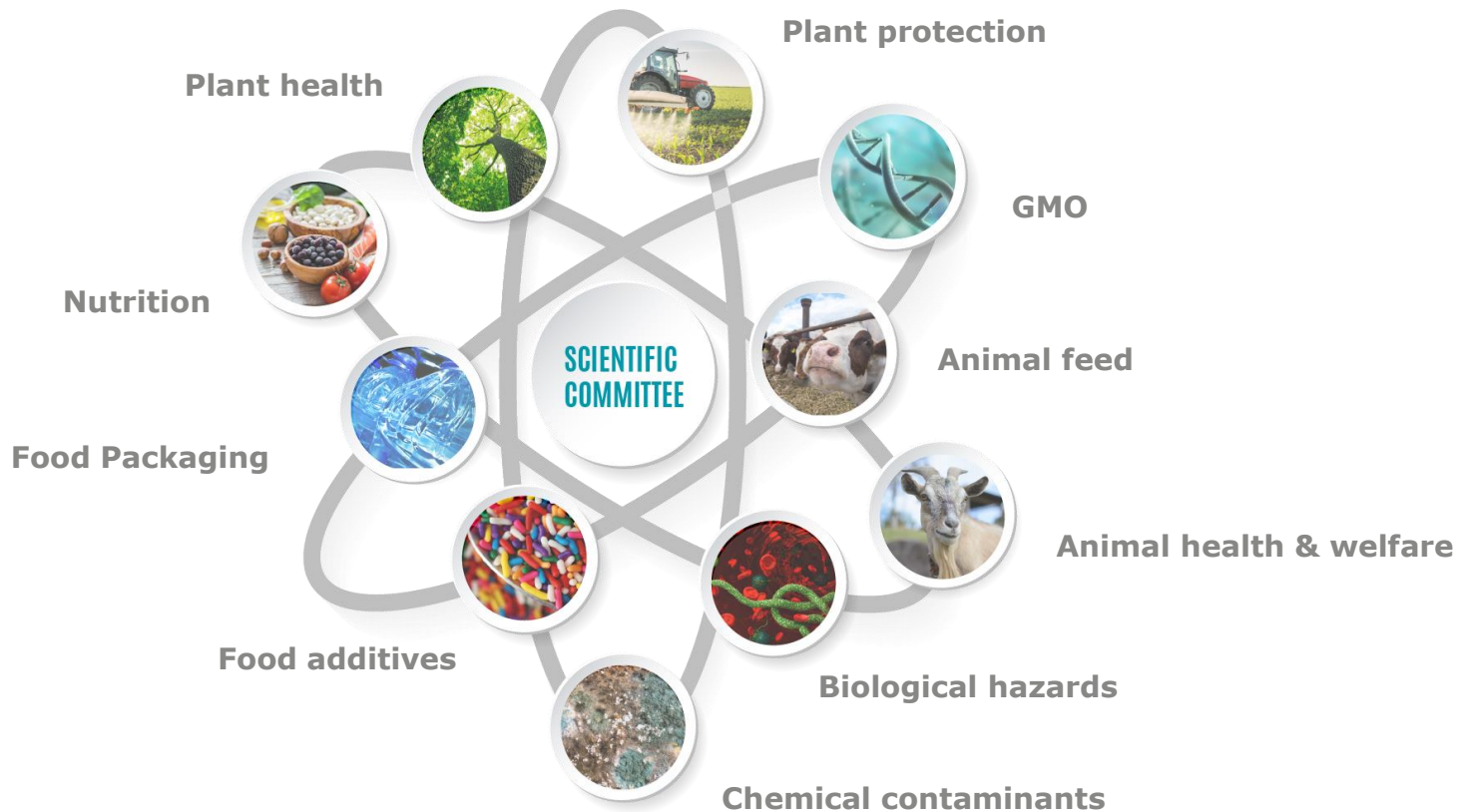
Scientific Panels

- Draft and adopt scientific outputs on general health issues and regulated products

Staff

- Support panel work e.g. data collection
- Produce scientific and technical advice
- Communication

SCIENTIFIC PANELS



WORK PROCESSES

EFSA composes a working group to cover all expertises needed

The working group convenes 7-8 times + teleconferences in between

The working group works for 6m-2y

Translation and condensation into **practical guidance** (if time/law allows)

Comprehensive and transparent sharing of the gathered knowldge to different stakeholders to **explain the science behind**

Experts describe to each other and discuss the scientific findings and expert advice

EXAMPLE OF WORKING GROUP COMPOSITION

<http://www.efsa.europa.eu/en/cross-cutting-issues/working-groups>

Current composition of expertise

	Toxicology, genotox, immunotox
	ADME, in vitro digestion
	P-CHEM
	Migration
	Exposure, oral, dermal, inhalation
	QSAR, read across
	Food matrix
	Nutrition, GIT

Template for all EFSA opinions

TRANSPARENCY

Guidance and template on the structure and content of EFSA's scientific opinions and statements (EFSA 2014) ensure that all these aspects are addressed:

- Data and data sources
- Inclusion and exclusion of data
- Confidential data
- Assumptions
- Assessment
- Variability and Uncertainties
- Conclusions of the risk assessment

Appendix A.	Structure and content of EFSA's scientific opinions and statements
Abstract	
Summary	
Table of contents	
1.	Introduction
1.1	Background and Terms of Reference as provided by the requestor
1.2	Interpretation of the Terms of Reference (if appropriate)
1.3	Additional information (if appropriate)
2.	Data and Methodologies
2.1	Data
2.2	Methodologies
3.	Assessment
4.	Conclusions
5.	Recommendations (if appropriate)
	Documentation as provided to EFSA (if appropriate)
	References
	Appendixes/Annex (if appropriate)
	Glossary and/or abbreviations and/or acronyms

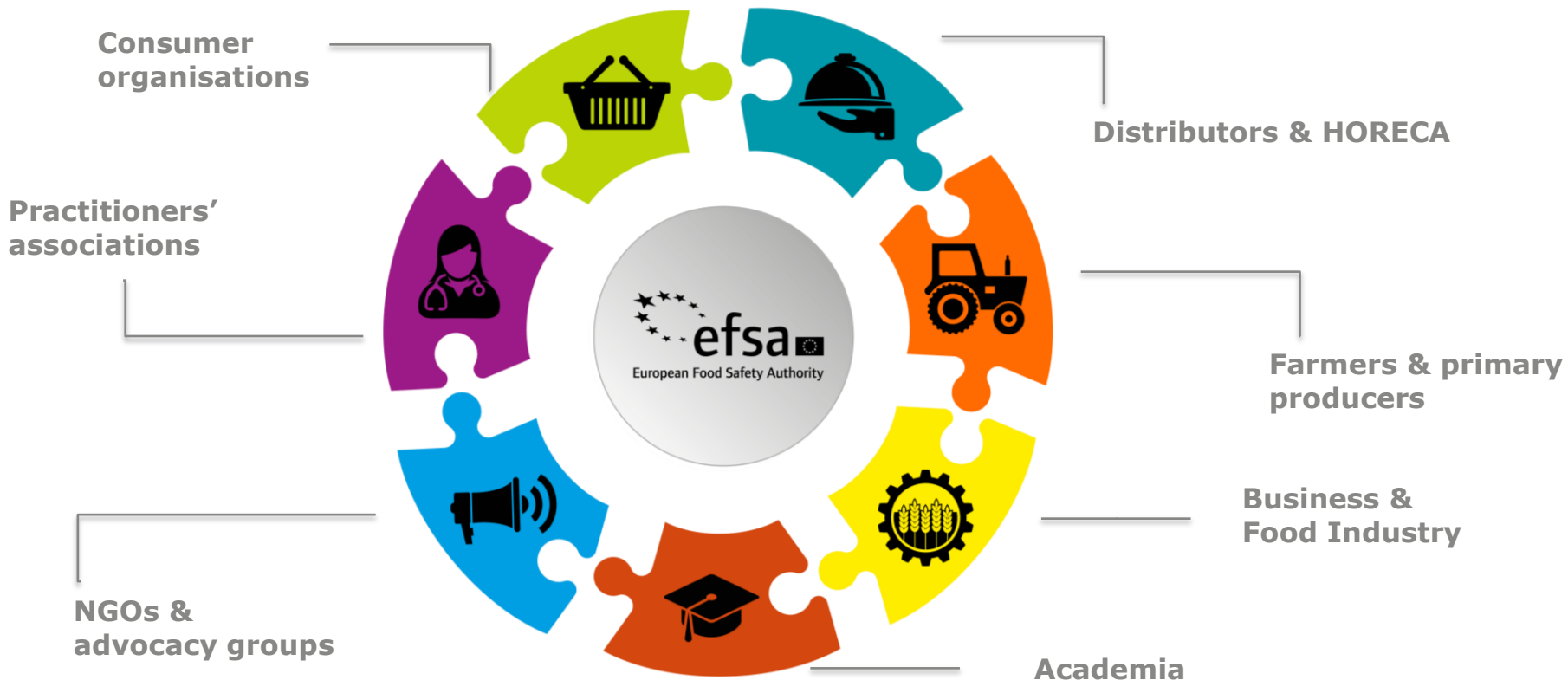


THE LIFECYCLE OF EFSA'S CROSS-CUTTING GUIDANCES

Guidance (EFSA, 2015) describing how SC and EFSA's cross-cutting guidance documents (GDs) should be used, reviewed and kept up to date

- 23 EFSA guidance documents considered
- for each identification of:
 - Target audience (EFSA panels, applicants etc..)
 - Level of obligation to follow (unconditional MUST or conditional – SHOULD)
 - Current status (obsolete; in use; in use and revision on-going; possible revision envisaged)

OUR STAKEHOLDERS



RISK COMMUNICATION IS



**RISK
MANAGERS**



**POLICY
MAKERS**



**RISK
ASSESSORS**



**SCIENTIFIC
COMMUNITY**

efsa



STAKEHOLDERS



PARTNERS



**CONCERNED
INDIVIDUALS**



MEDIA

Where is EFSA going?

PROMETHEUS (PROMOTING METHODS FOR EVIDENCE USE IN SCIENTIFIC ASSESSMENTS)

- Project aims at improving further the methods for 'using' (i.e. collecting, appraising and analysing) scientific evidence in EFSA assessments and increasing their consistency within the Authority
- Report illustrating the principles and process for evidence use <http://onlinelibrary.wiley.com/doi/10.2903/j.efsa.2015.4121/epdf>
 - Impartiality;
 - Excellence in scientific assessments;
 - Transparency and openness;
 - Responsiveness

PROMETHEUS (PROMOTING METHODS FOR EVIDENCE USE IN SCIENTIFIC ASSESSMENTS)

- Survey and report of EFSA methodological needs for evidence use in scientific assessments:
<http://onlinelibrary.wiley.com/doi/10.2903/sp.efsa.2016.EN-1092/pdf>

EFSA Journal

WHAT IS IT?

- Online, open access journal
- Publishes EFSA's scientific outputs only
- Ca. 500 outputs per annum
- Published on EFSA's behalf by Wiley since 2016

[http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1831-4732](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1831-4732)

Supporting Publications available separately at

[http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)2397-8325](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)2397-8325)



EDITORIAL CHALLENGES

Large, complex documents

Time restraints

Multi-authored

Limited opportunity to edit pre- or post-adoption

USER SURVEY 2016

Main user priorities

Better access to
evidence base

Data accessibility

Non-technical summaries

ENHANCEMENTS: 1. ONLINE PLATFORM




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EFSA Journal

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Edited By: European Food Safety Authority
 Online ISSN: 1831-4732
 Associated Title(s): EFSA Supporting Publications



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Volume 15, Issue 5
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Wiley now publish the *EFSA Journal*, on behalf of the European Food Safety Authority.

The EFSA Journal is an open access, online scientific journal that publishes the scientific outputs of the European Food Safety Authority. EFSA's various output types are devoted to the field of risk assessment in relation to food and feed and include nutrition, animal health and welfare, plant health and plant protection.

For more information, please visit:
<http://www.efsa.europa.eu/en/publications/efsa>

Recently Published Articles



Safety and efficacy of *Bacillus subtilis* PB6 (*Bacillus subtilis* ATCC PTA-6737) as a feed additive for sows
 EFSA Panel on Additives and Products or Substances used in Animal Feed (FEEDAP), Guido Rychen, Gabriele Aquilina, Giovanna Azimonti, Vasileios Bampidis, Maria De Lourdes Bastos, Georges Bories, Andrew Chesson, Pier Sandro Cocconcelli, Gerhard Flachowsky, Jürgen Gropp, Boris Kolar, Maryline Koutba, Marta López Alonso, Secundino López Puente, Alberto Mantovani, Baltasar Mayo, Fernando Ramos, Roberto Edoardo Villa,



Wiley Editor Resources
 Advice and guidance for journal

2. ACCESS TO FULL TEXT

References

Jump to...

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[Abstract](#) | [Article](#) | [PDF\(464K\)](#) | [References](#) | [Web of Science® Times Cited: 143](#)

3. ACCESS TO DATA (I)

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February 28, 2017

Dataset Open Access

Harmonized terminology for scientific research

DATA Unit

The Data Collection Framework (DCF) application is constituted of an interactive web-based application that aims at facilitating data exchange, data extraction and data reusability. A harmonized terminology is used to collect and analyse data in a coherent way with the aim to support scientific research.

DCF_catalogues file contains all the valid catalogues published in the DCF.

The SSD1 file contains the controlled terminologies based on the standard description of samples and analytical results (Standard Sample Description).

The SSD2 file contains the controlled terminologies based on the standard description of samples and analytical results (Standard Sample Description Extension), extended to cover additional data collection domains, such as zoonotic agents in food and animals, antimicrobial resistance and food additives.

Format xls and.xlsx. For information: data.collection@efsa.europa.eu

Preview

DCF_catalogues.zip

File Name	Size
DCF_catalogues	
ABUNDANCE.xlsx	8.6 kB
ACTION.xlsx	8.7 kB
ADDFOOD.xlsx	45.8 kB
ADMIN_METHOD.xlsx	7.2 kB
AGECLS.xlsx	11.6 kB
AMRPROG.xlsx	8.6 kB
ANLYMD.xlsx	68.2 kB
ANLYREFMD.xlsx	16.0 kB
ANLYTYP.xlsx	7.7 kB

Publication date:

February 28, 2017

DOI:

DOI 10.5281/zenodo.344473

Keyword(s):

- food safety
- terminology
- monitoring
- data collection
- sampling
- laboratory techniques
- determination
- research
- data analysis

Related identifiers:

- Referenced by:
- 10.2903/j.efsa.2010.1457,
 - 10.2903/j.efsa.2013.3424,
 - 10.2903/j.efsa.2014.3945,
 - 10.2903/j.efsa.2010.1895

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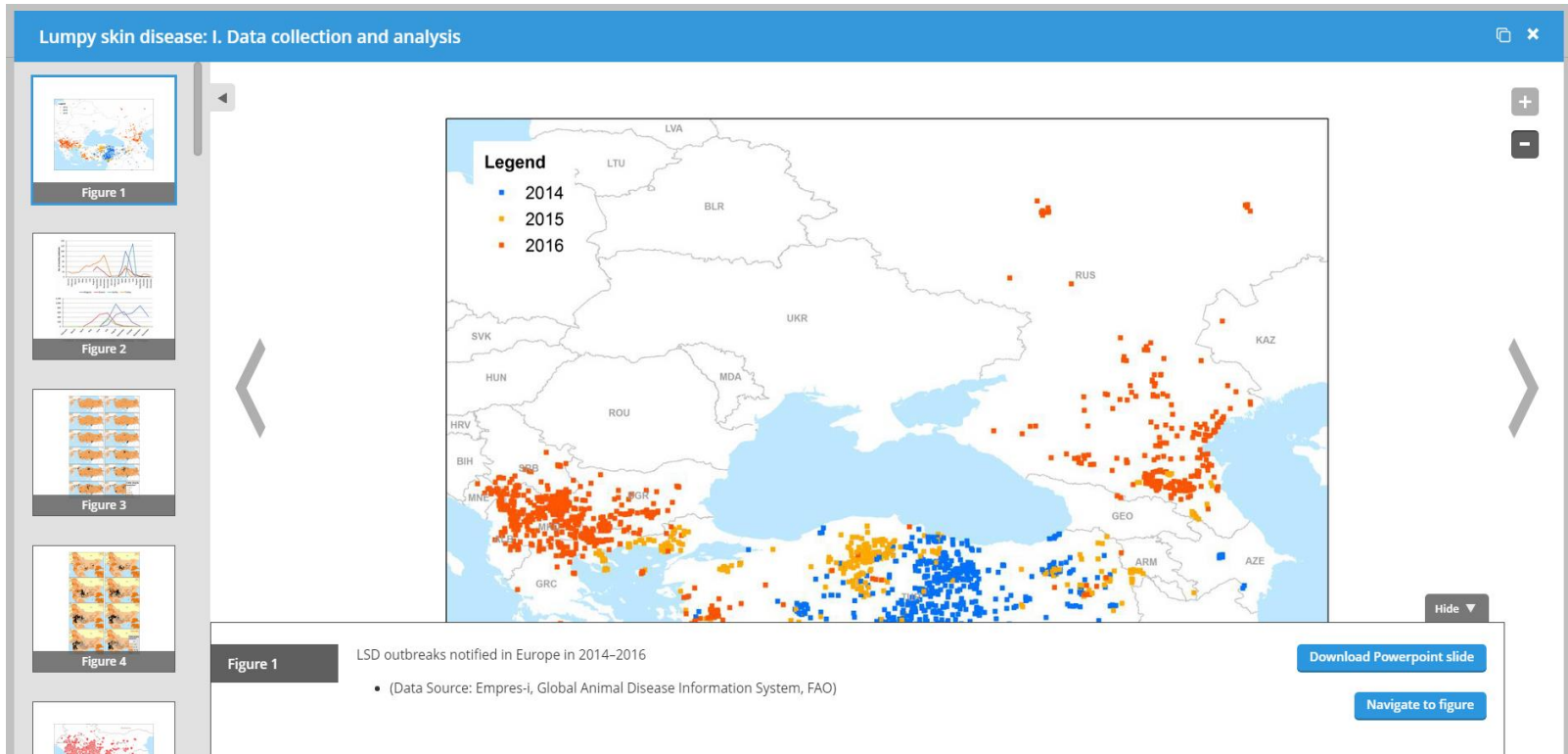


Cite as

DATA Unit. (2017). Harmonized terminology for scientific research [Data set]. Zenodo. <http://doi.org/10.5281/zenodo.344473>

Start typing a citation style...

3. ACCESS TO DATA (II)



4. IMPACT (I)

Scientific Opinion on the safety of caffeine

Overview of attention for article published in EFSA Journal, May 2015



About this Attention Score

In the top 5% of all research outputs scored by Altmetric

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Mentioned by

- 11 news outlets
- 1 blog
- 2 policy sources
- 44 tweeters
- 14 Facebook pages
- 1 Google+ user

Readers on

- 12 Mendeley

What is this page?

SUMMARY

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Blogs

Policy documents

Twitter

Facebook

Google+

Title Scientific Opinion on the safety of caffeine

Published in EFSA Journal, May 2015

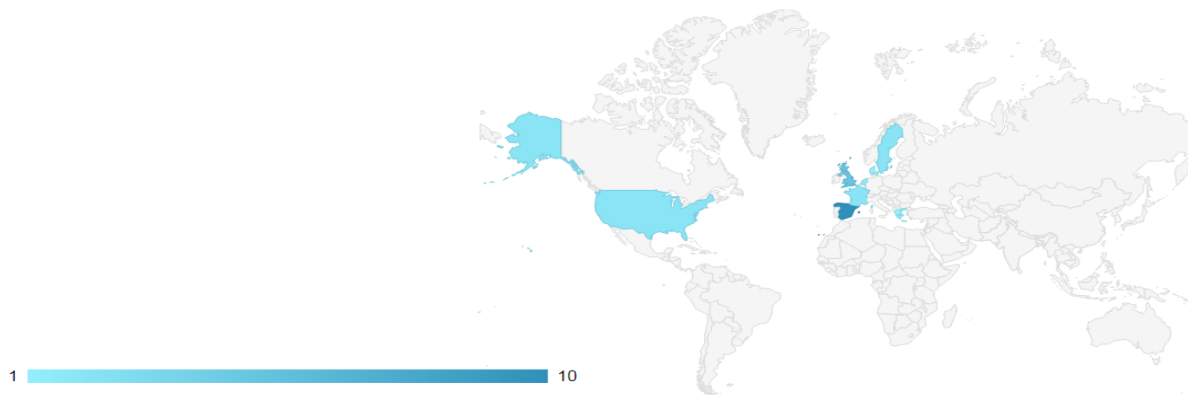
DOI 10.2903/j.efsa.2015.4102 [↗](#)

Authors EFSA Panel on Dietetic Products, Nutrition and Allergies (NDA)

TWITTER DEMOGRAPHICS

MENDELEY READERS

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Geographical breakdown

Demographic breakdown

4. IMPACT (II)

≡ Citing Literature

Number of times cited: 17


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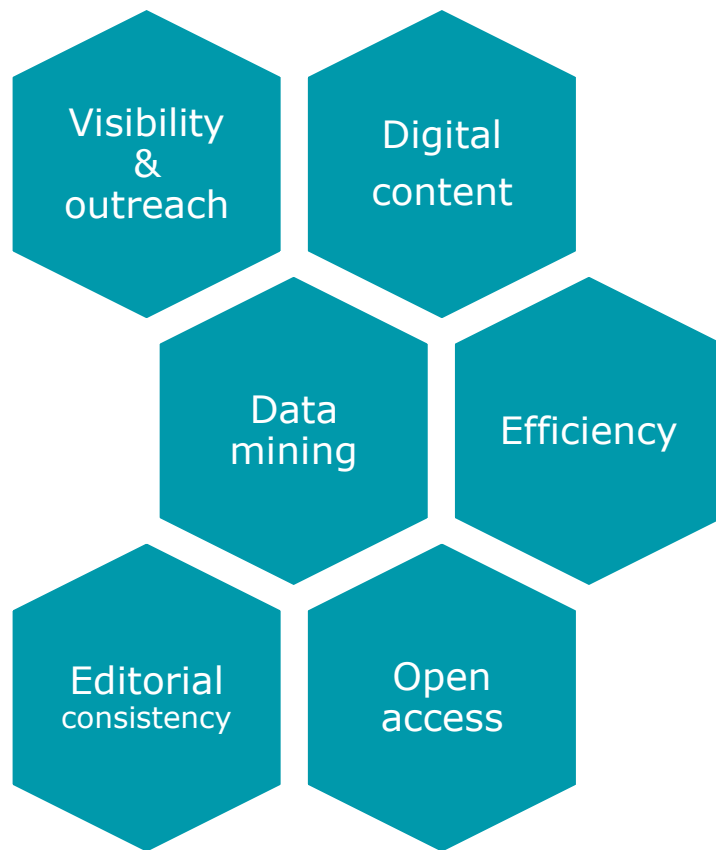
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[CrossRef](#)



OTHER BENEFITS OF PROFESSIONALIZATION



CONSIDERATIONS GOING FORWARD

- Readability
- Length
- Non-technical audiences
- Technical improvements e.g. linkage between EFSA website and Wiley Online Library
- Other?