

# Highlights from 92nd SC Plenary (February 2019)

**Simon More** 

Chair of the Scientific Committee



Trusted science for safe food



Visit Ms Anne Bucher DG SANTE



#### **European Commission - Press release**

Boosting trust in scientific studies on food safety: Commission welcomes the provisional agreement reached today

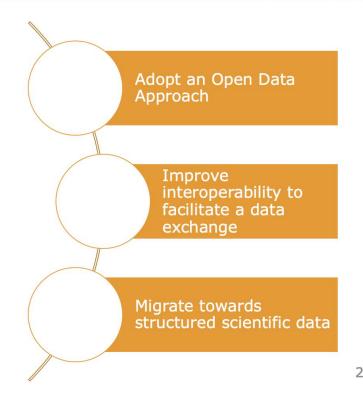
Brussels, 11 February 2019

Today, the European Parliament and the Council reached a provisional agreement on the European Commission's proposal for a Regulation on the transparency and sustainability of the EU risk assessment in the food chain.

## Data activities



# Widen EFSA's evidence base and optimise access to its data





### FoodEx2, SSD2



Standard data formats for reporting information on chemicals



Adoption of the guidance on risk assessment of chemical mixtures

# Guidance on harmonised methodologies for human health, animal health and ecological risk assessment of combined exposure to multiple chemicals

EFSA Scientific Committee,

Simon More, Anthony Hardy, Vasileios Bampidis, Diane Benford, Susanne Hougaard Bennekou, Claude Bragard, Jos Boesten, Thorhallur Halldorsson, Antonio Hernandez-Jerez Michael John Jeger, Helle Katrine Knutsen, Kostas Koutsoumanis, Hanspeter Naegeli, Hubert Noteborn, Colin Ockleford, Antonia Ricci, Guido Rychen, Josef R Schlatter, Vittorio Silano, Soren Saxmose, Dieter Schrenk, Roland Solecki, Dominique Turck, Maged Younes, Emilio Benfenati, Laurence Castle, Nina Cedergreen, Ryszard Laskowski, Jean Charles Leblanc, Andreas Kortenkamp, Ad Ragas, Leo Posthuma, Claus Svendsen, Emanuela Testai, Jose Tarazona, Bruno Dujardin, George EN Kass, Paola Manini, Maryam Zare Jeddi, Jean-Lou CM Dorne and Christer Hogstrand

Any combination of two or more chemicals that may contribute to effects regardless of source and spatial or temporal proximity.

Intentional
Formulated plant protection products
Flavourings
Unintentional
Discharges to the environment

# Overarching framework





Description of the mixture Conceptual Model Methodological Approach **Output**: Analysis Plan

#### **Exposure Assessment**

WMA/CBA
Chemical composition, Occurrence,
Consumption, grouping
Output: exposure metrics,
List uncertainties

#### **Factors influencing each step**

Assessment sequence DA as default model Bridging data gaps

#### **Risk Characterisation**

Exposure and hazard metrics,
Assumptions (DA/interactions)
Apply RC relevant method,
Derive risk metrics,
Interpretation,
Overall uncertainty analysis
Output: Assessment Report

#### **Hazard Assessment**

WMA/CBA
Chemical composition, Hazard data, grouping, combined toxicity, DA,
Deviation from DA, UFs
Output: Hazard metrics,
List uncertainties

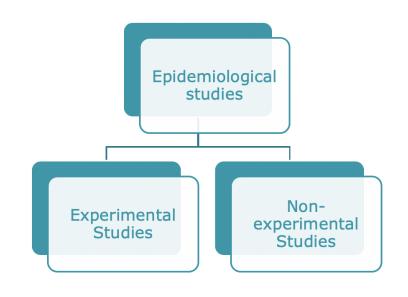
# Chemical risk assessment



### Animal studies

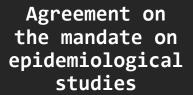


# Epidemiological studies



Randomized controlled trials Intervention studies Cohort studies
Case-control studies
Cross sectional studies
(analytical and descriptive)
Case reports/series

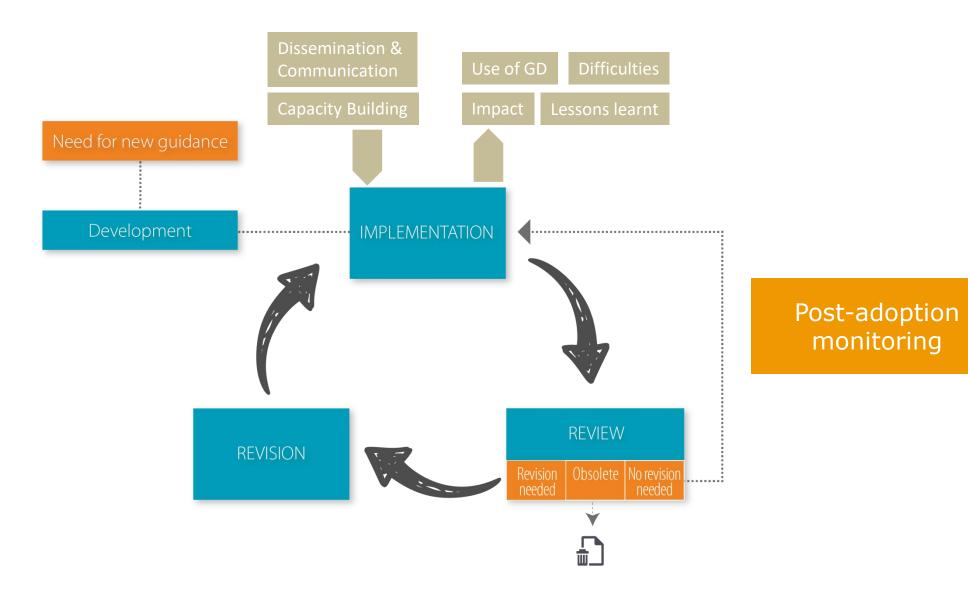




- 1. Set the basis for giving guidance on how to appraise and interpret findings from different types of epidemiological evidence and its application in EFSA scientific assessments.
- 2. Provide guidance on how to appraise and integrate evidence from epidemiological studies of humans or animals (or plants) for specific scientific assessment questions of the different EFSA panels. Particular emphasis should be given to areas where guidance is lacking.
- 3. Provide guidance on how to use evidence from epidemiological studies in EFSA scientific assessments.

# Guidance implementation and monitoring







# Guidance implementation and monitoring

- Website
- Dissemination & Communication
  - Staff
  - Experts
- Capacity building
  - Training
  - Support
- SC standing agenda item



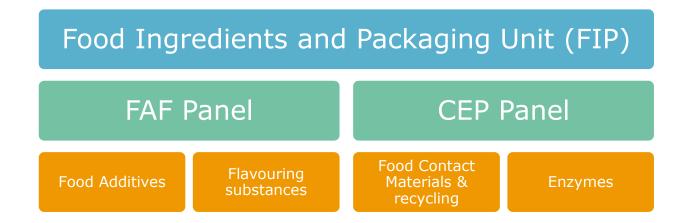


# Understanding the work of other panels





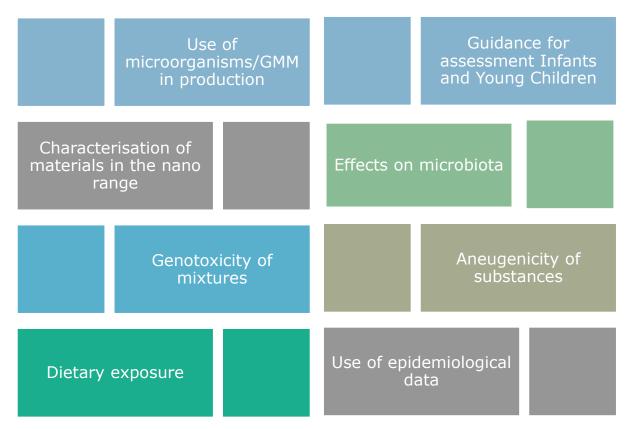




## Cross-sectoral issues



#### Reflections from the FAF Panel





Work of the CEP & BIOHAZ Panels