



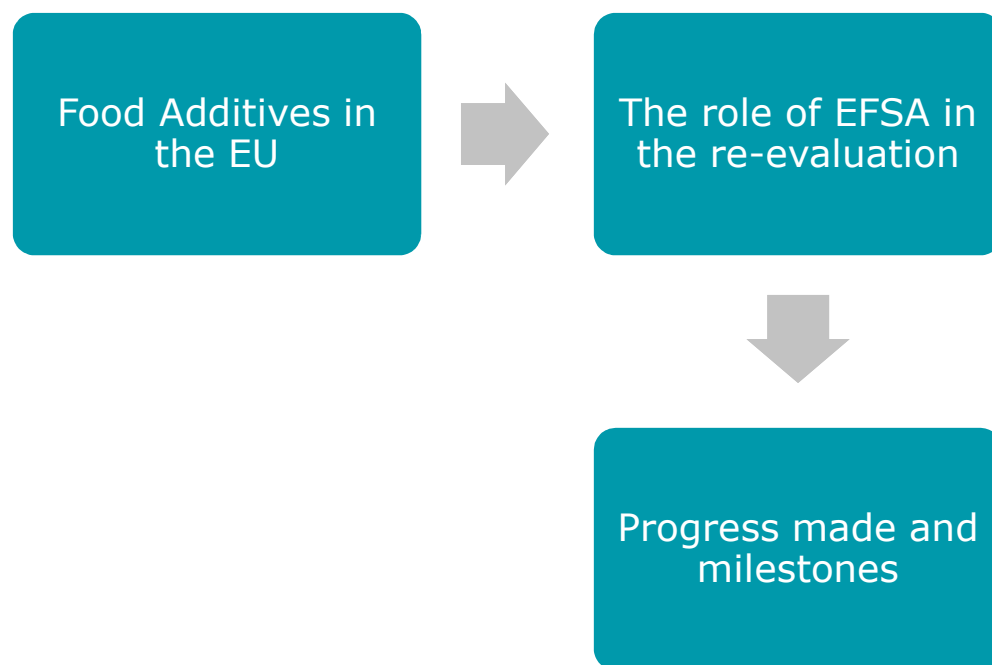
# Re-evaluation of food additives in the EU: state of play

**Maged Younes**

Chair of the ANS Panel

Parma, 24 November 2017

# OVERVIEW



## **Food Additives in the EU**

## DEFINITION:

Any substance intentionally added to food for a technological purpose (e.g. to colour, to sweeten, to preserve, to emulsify, etc) during the manufacture, processing, preparation, treatment, packaging, transport, storage or expected to result in it or its by-products becoming directly or indirectly a component of such foods



# FOOD ADDITIVES IN THE EU

Re-evaluation  
programme

Reg. 257/2010

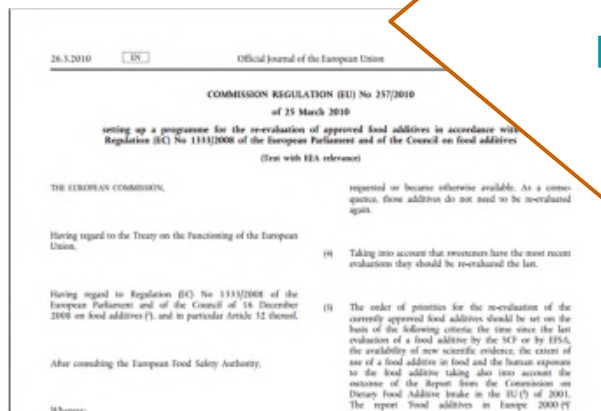
20 Jan 2009

Food additives  
already  
permitted  
before

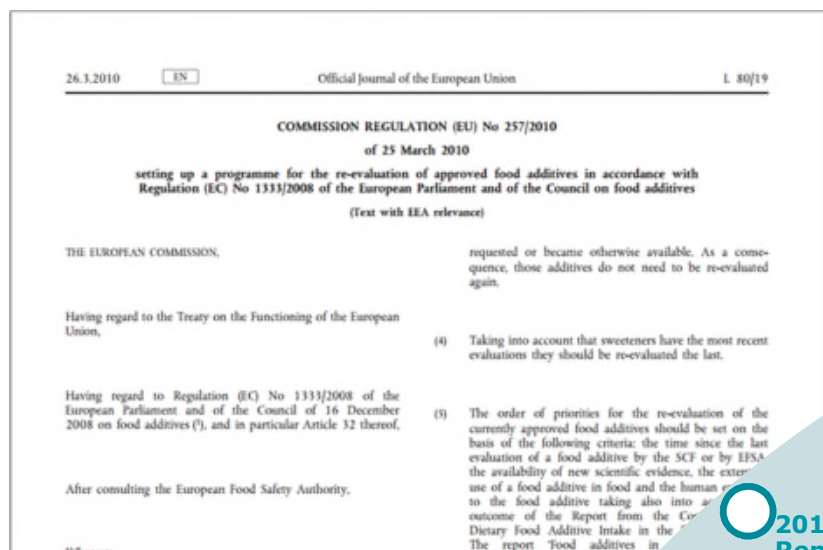
Food additives  
authorised after

Common  
authorisation  
procedure

Reg. 1331/2008



# RE-EVALUATION OF PERMITTED FOOD ADDITIVES



2013:  
Aspartame

2015-2016:  
Remaining  
food colours,  
preservatives

2016:  
Emulsifiers,  
stabiliser,  
gelling agents,  
selected  
additives

2018: Other  
than food  
colours

2020:  
Sweeteners

## **The role of EFSA in the re-evaluation**

## RE-EVALUATION MANDATE



Single mandate  
covering all food  
additives to be re-  
evaluated

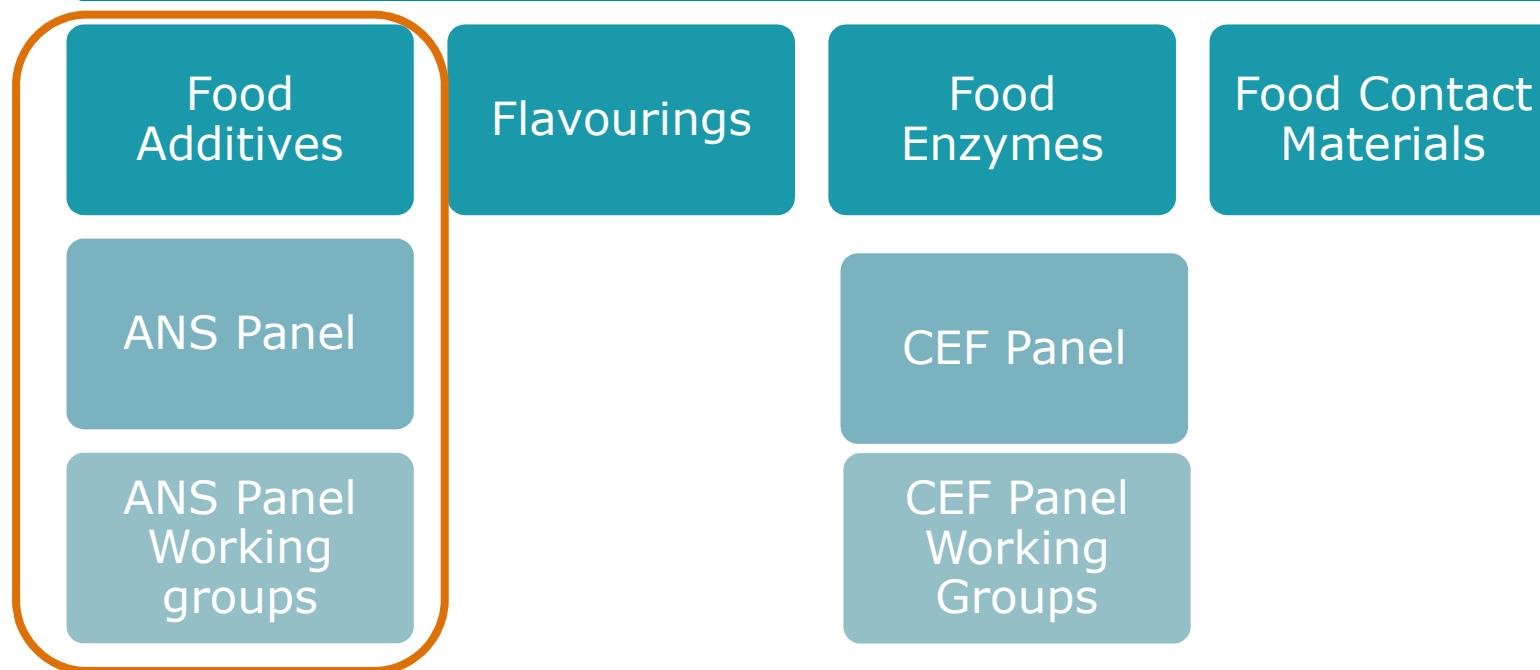


- Previous assessments
- SCF, JECFA
- Public call for data
- Technical data
- Biological and toxicological
- Chemical occurrence
- Use and use levels

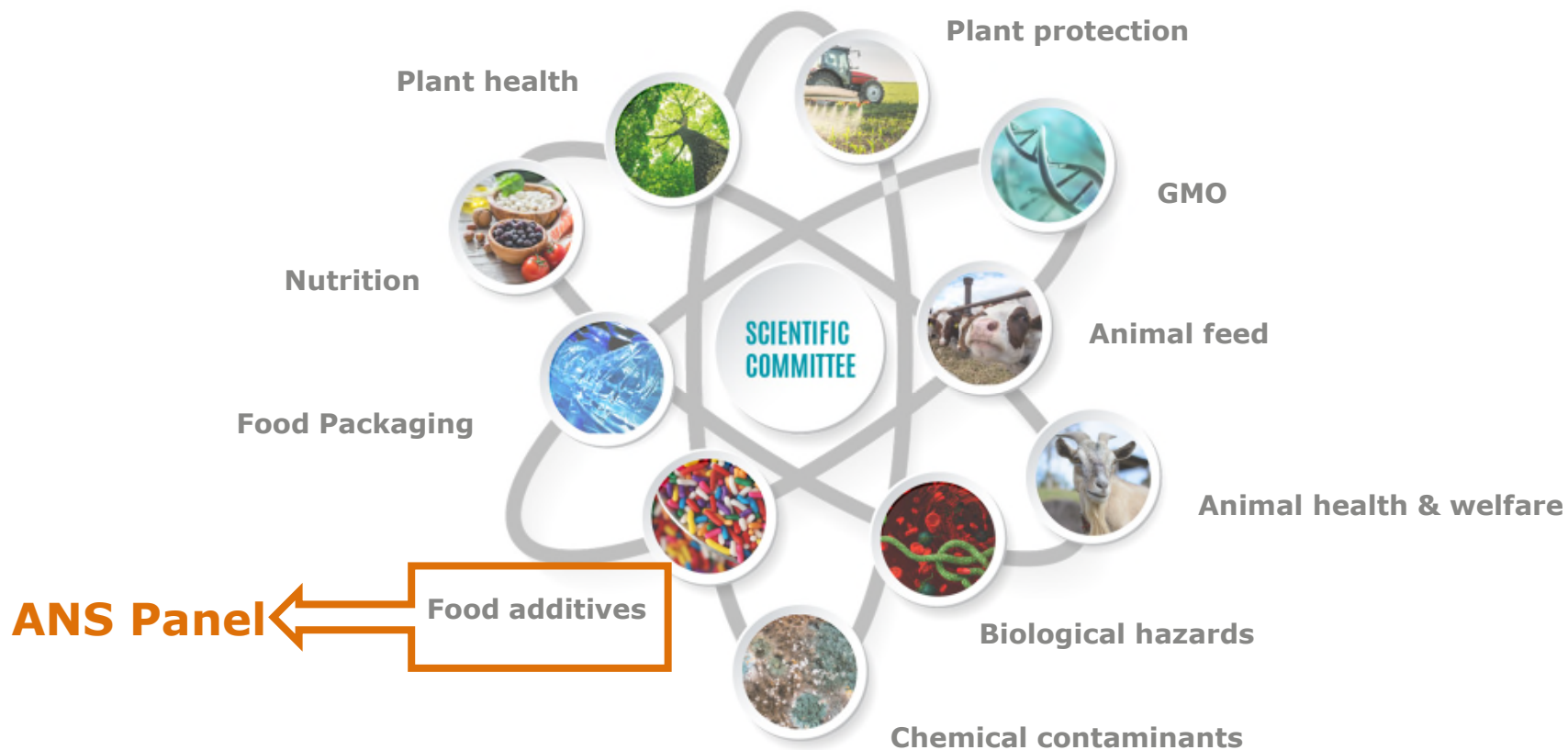


# EFSA SCIENTIFIC SECRETARIAT

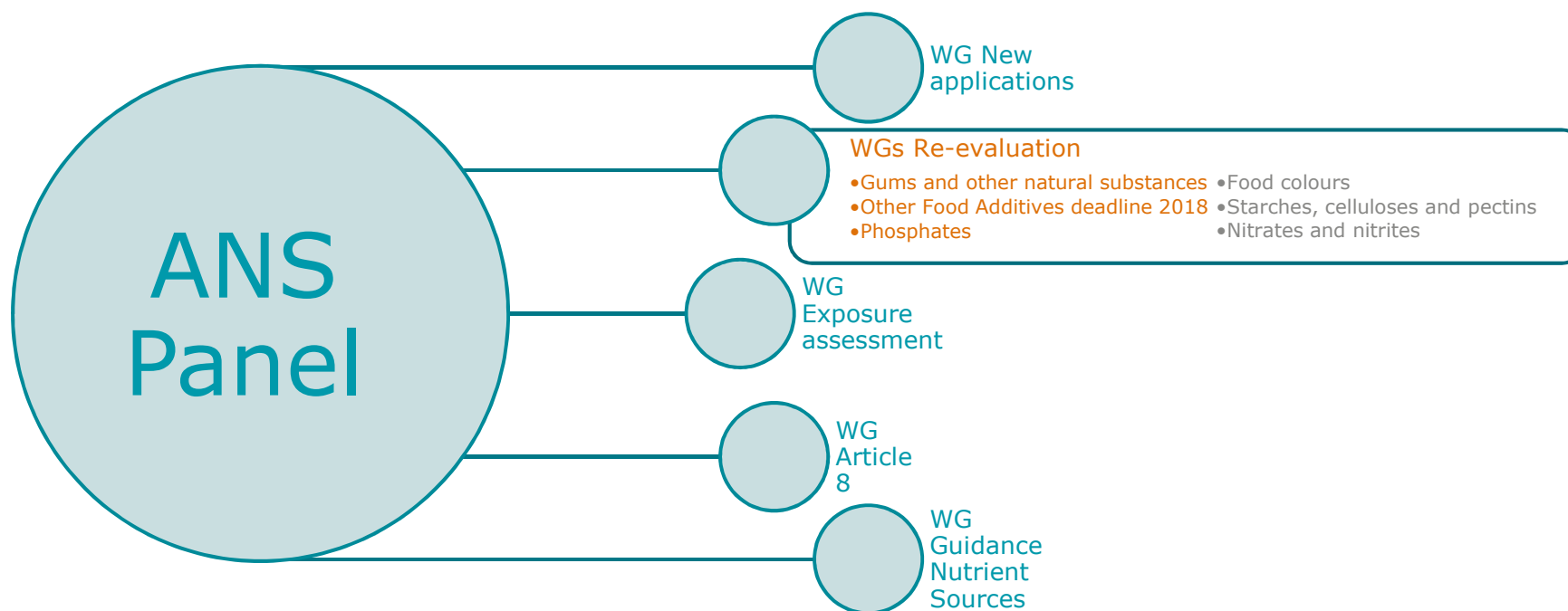
## Food Ingredients and Packaging Unit



## THE SCIENTIFIC PANELS

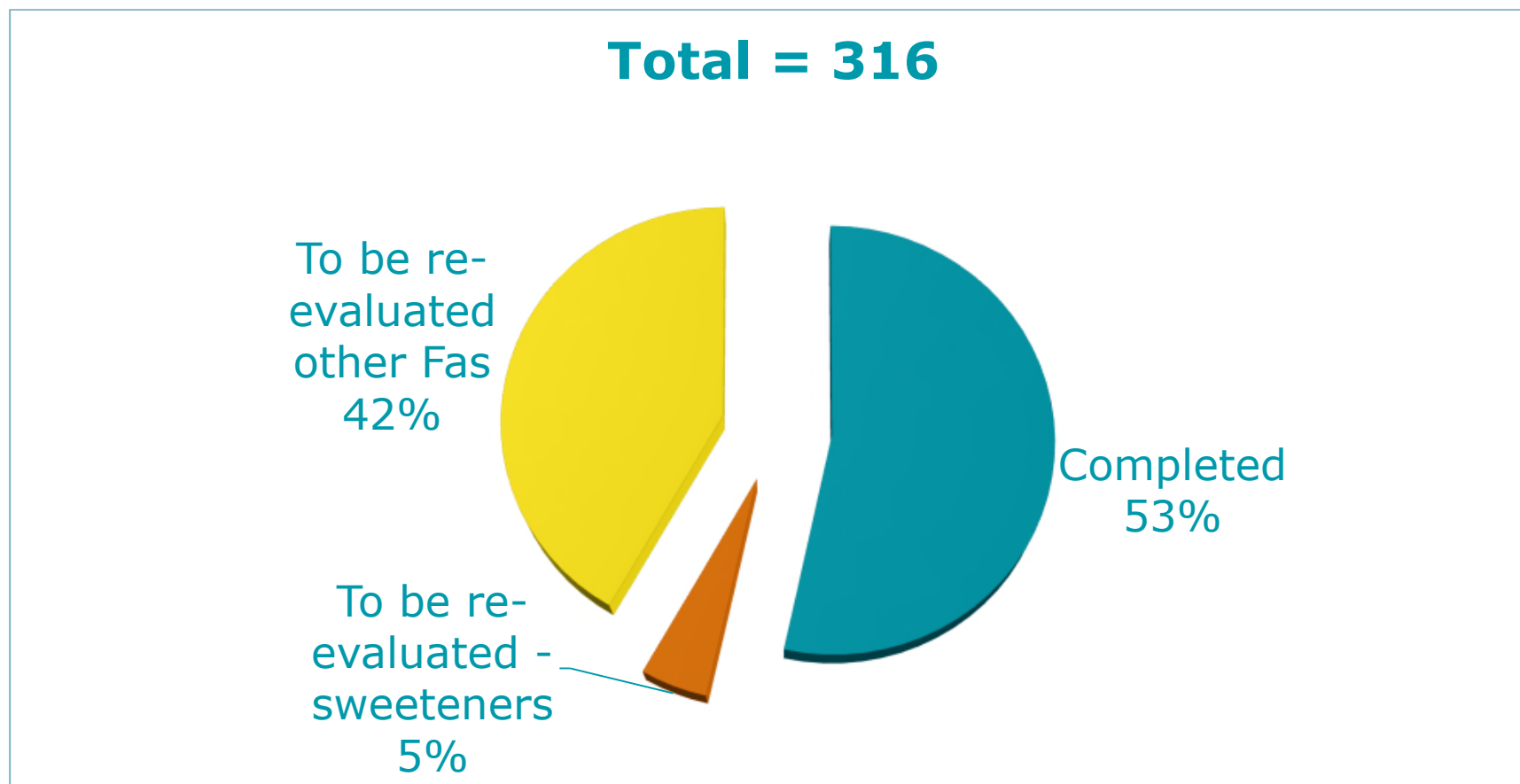


## ANS PANEL: ORGANISATION

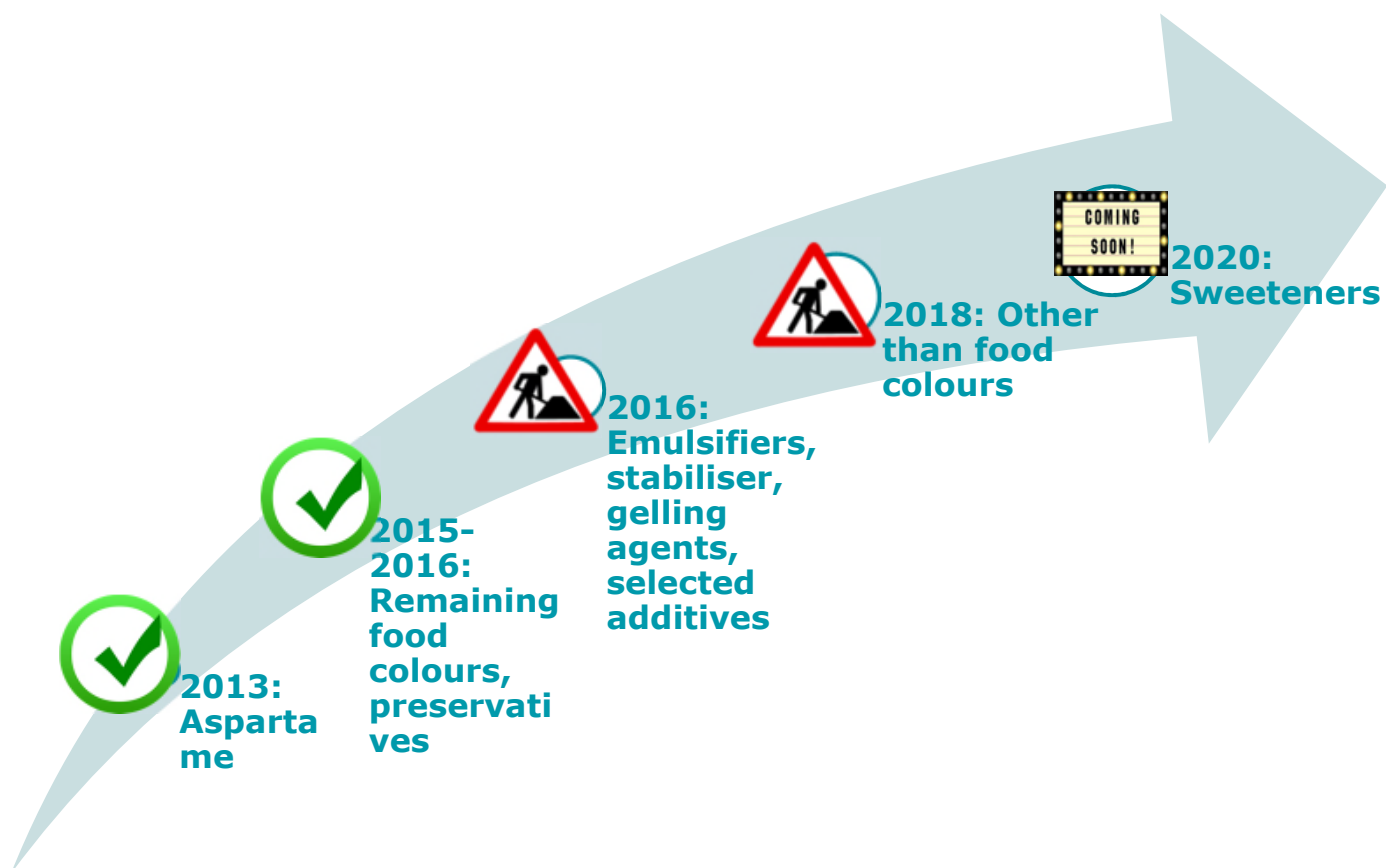


## **Progress made and milestones**

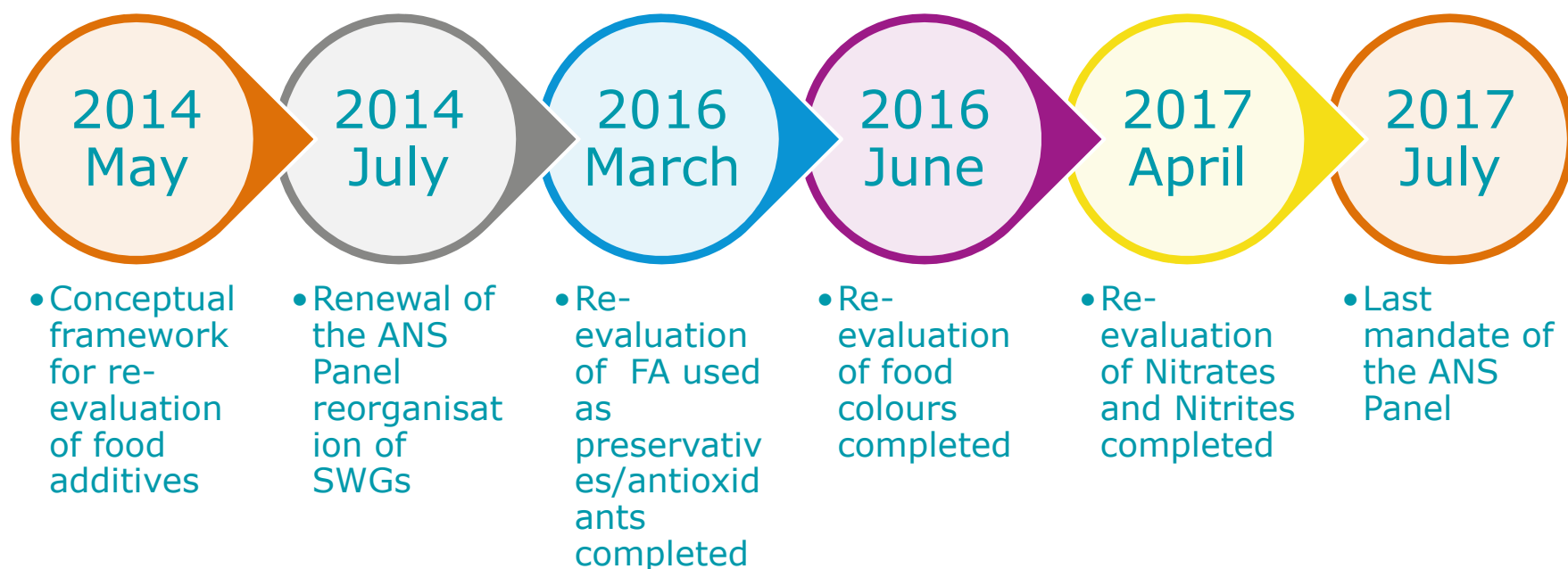
## FOOD ADDITIVES TO BE RE-EVALUATED



## RE-EVALUATION OF PERMITTED FOOD ADDITIVES



## 2014-2017: AT A GLANCE



# 2014 CONCEPTUAL FRAMEWORK

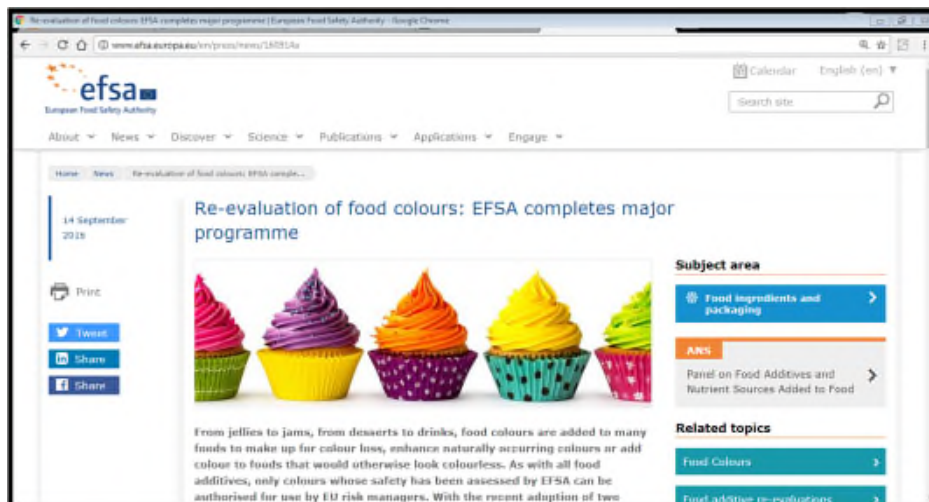


Driving principles for the risk assessment of food additives of low intrinsic toxicity:

- substances with acceptable daily intake (ADI) “not specified”
- no numerical ADI
- food additives authorised in food categories according to quantum satis (QS)
- food additives not of low intrinsic toxicity, but of low toxicological concern with respect to their use in food

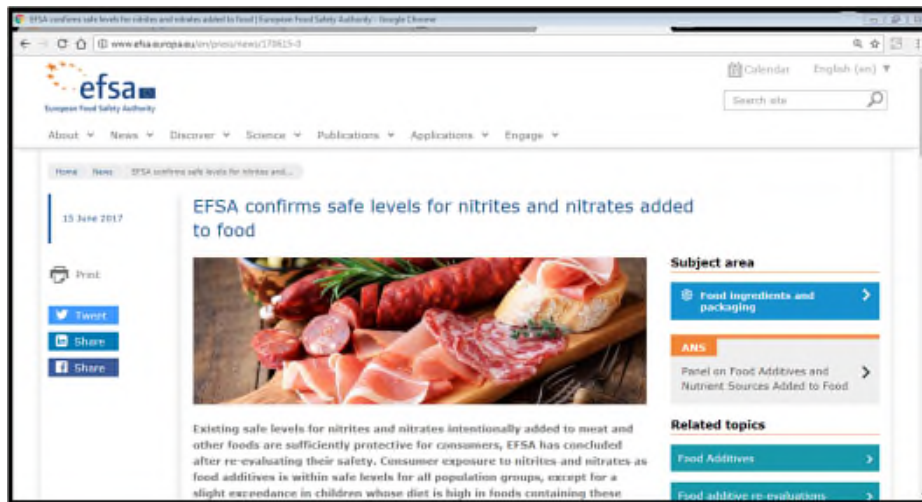


# 2016 FOOD COLOURS COMPLETED



In June 2016, with the adoption of the scientific opinion on titanium dioxide (E 171) the re-evaluation of food colours was completed.

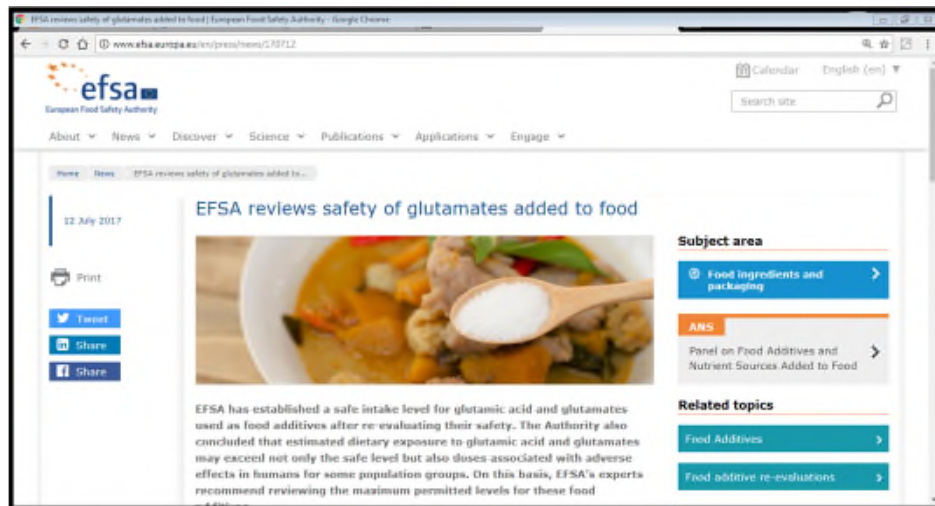
## 2017 RE-EVALUATION OF NITRITES AND NITRATES



With the adoption of the two scientific opinions on nitrites and nitrates the re-evaluation of preservatives and antioxidants was completed.

The two opinions were of high scientific complexity, requiring extensive collaboration and cooperation with other EFSA Units and Panels.

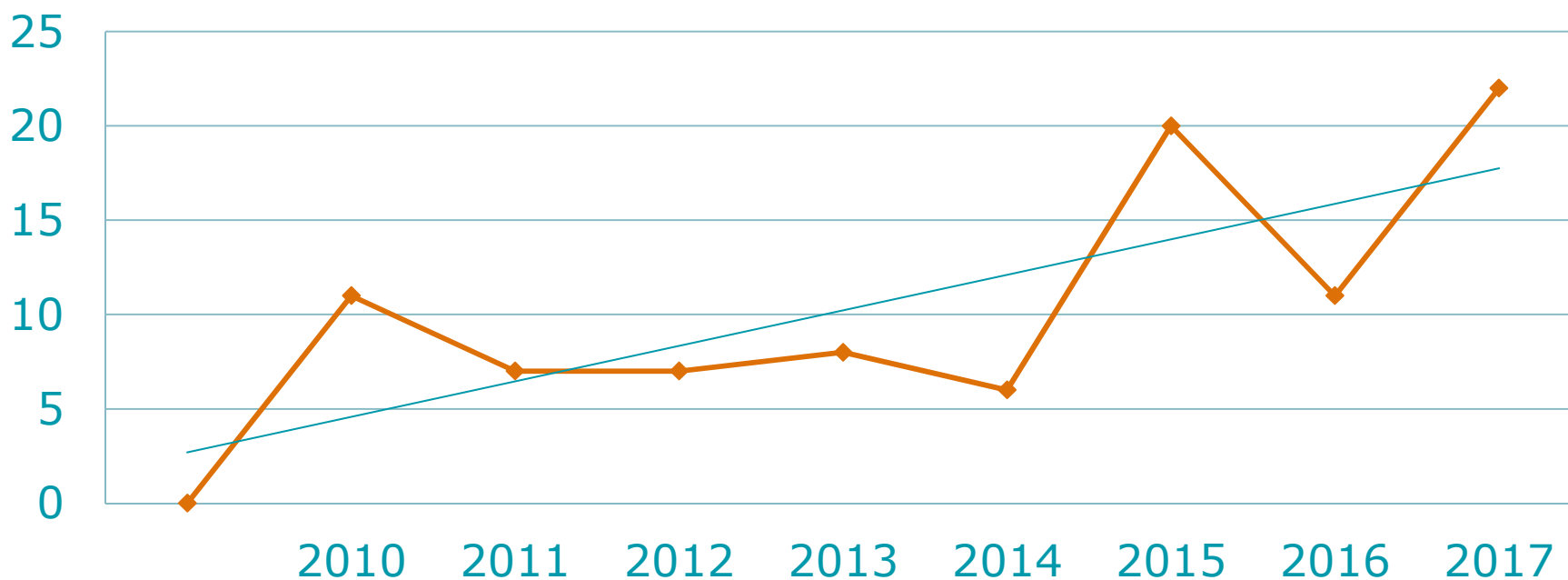
# 2017 RE-EVALUATION OF GLUTAMATES



A complete toxicological dataset allowed the Panel to derive an acceptable daily intake (ADI). Panel recommended revision of maximum permitted levels since results of the exposure assessment showed that exposure to glutamates added to food may exceed the proposed ADI for individuals of all population groups whose diet is high in foods containing these additives

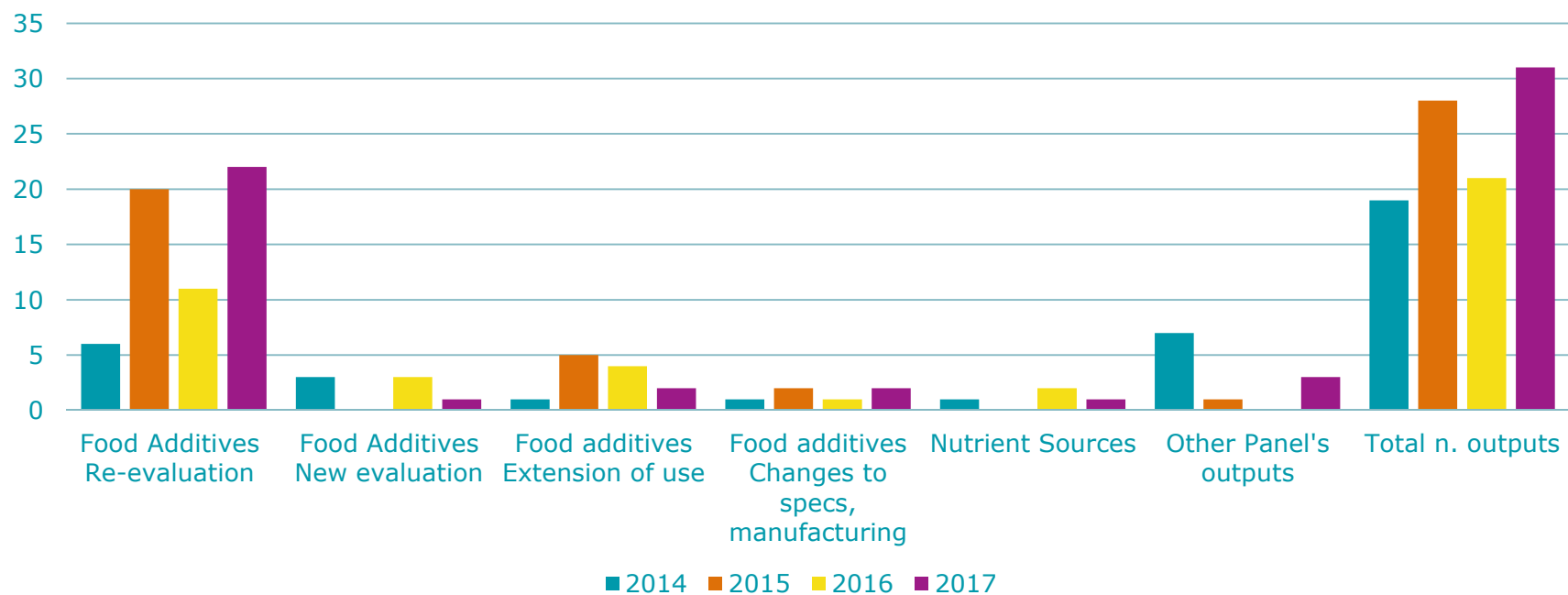
## NUMBER OF ADOPTED OPINIONS

### Scientific opinions on food additive re-evaluations



## ANS PANEL 2014-2017 : AT A GLANCE

### Scientific outputs adopted by ANS Panel



## WORK PLAN 2017: COMPLETED VS PLANNED

Food additive/s	E Number	Adoption
Glycerol	E 422	Jan 2017
Soybean hemicellulose	E 426	Jan 2017
Lecithins	E 322	Mar 2017
Polyglycerol polyricinoleate	E 476	Mar 2017
Acacia gum	E 414	Mar 2017
Fatty acids	E 570	Apr 2017
Potassium and sodium nitrite	E 249-250	Apr 2017
Sodium and potassium nitrate	E 251-252	Apr 2017
Tragacanth	E 413	Apr 2017
Sorbitan esters	E 491-495	Apr 2017
Pectins	E 440i-ii	May 2017
Tara gum	E 417	May 2017
Konjac gum and glucomannane	E 425i-ii	May 2017
Xanthan gum	E 415	June 2017
Glutamic acid and glutamates	E 620-625	June 2017
Modified starches	E 1404-52	June 2017
Celluloses	E 460-469	Sep 2017
Alginic acid and alginates	E 400-404	Sep 2017
Mono and diglycerides of fatty acids	E 471	Sep 2017
Sucrose ester of fatty acid (refined exposure)	E 473	Nov 2017
Polyglycerol esters of fatty acid	E 475	Nov 2017
Silicon dioxide	E 551	Nov 2017

### Number of Opinions



■ Remaining
 ■ Adopted



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