

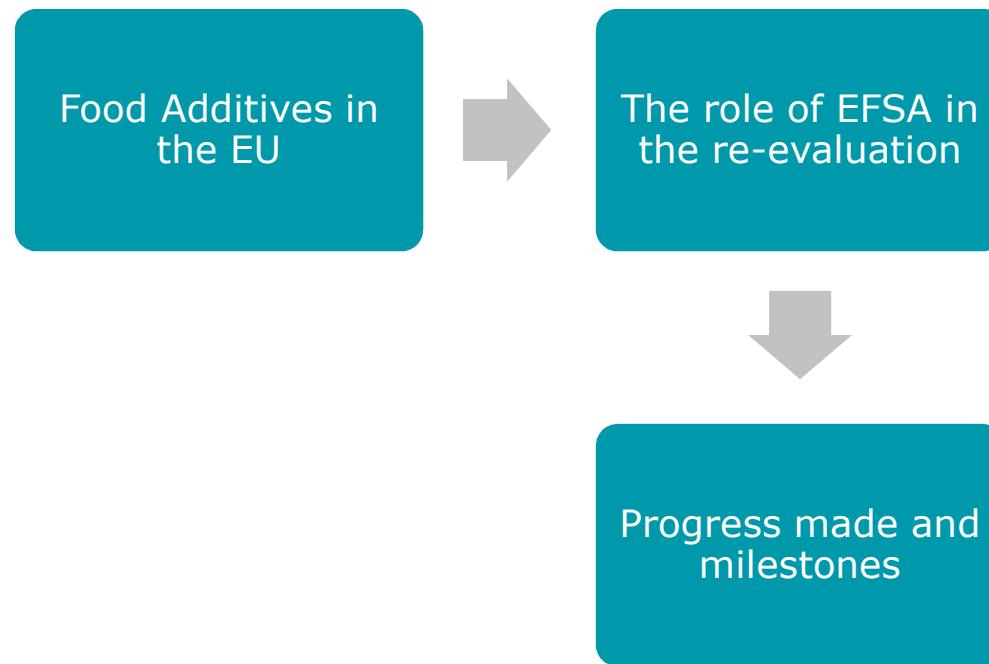


Re-evaluation of food additives in the EU: state of play

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

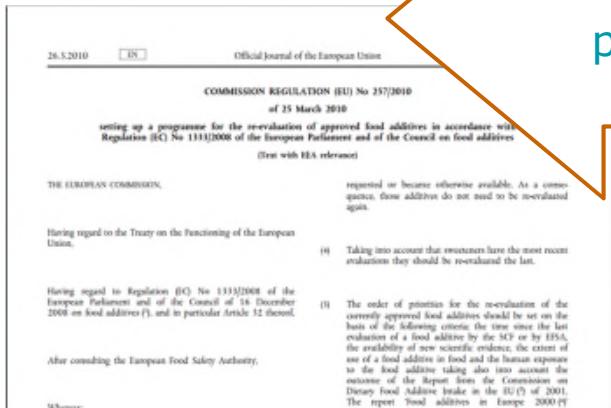
Re-evaluation
programme

Reg. 257/2010

20 Jan 2009

Food additives
already
permitted
before

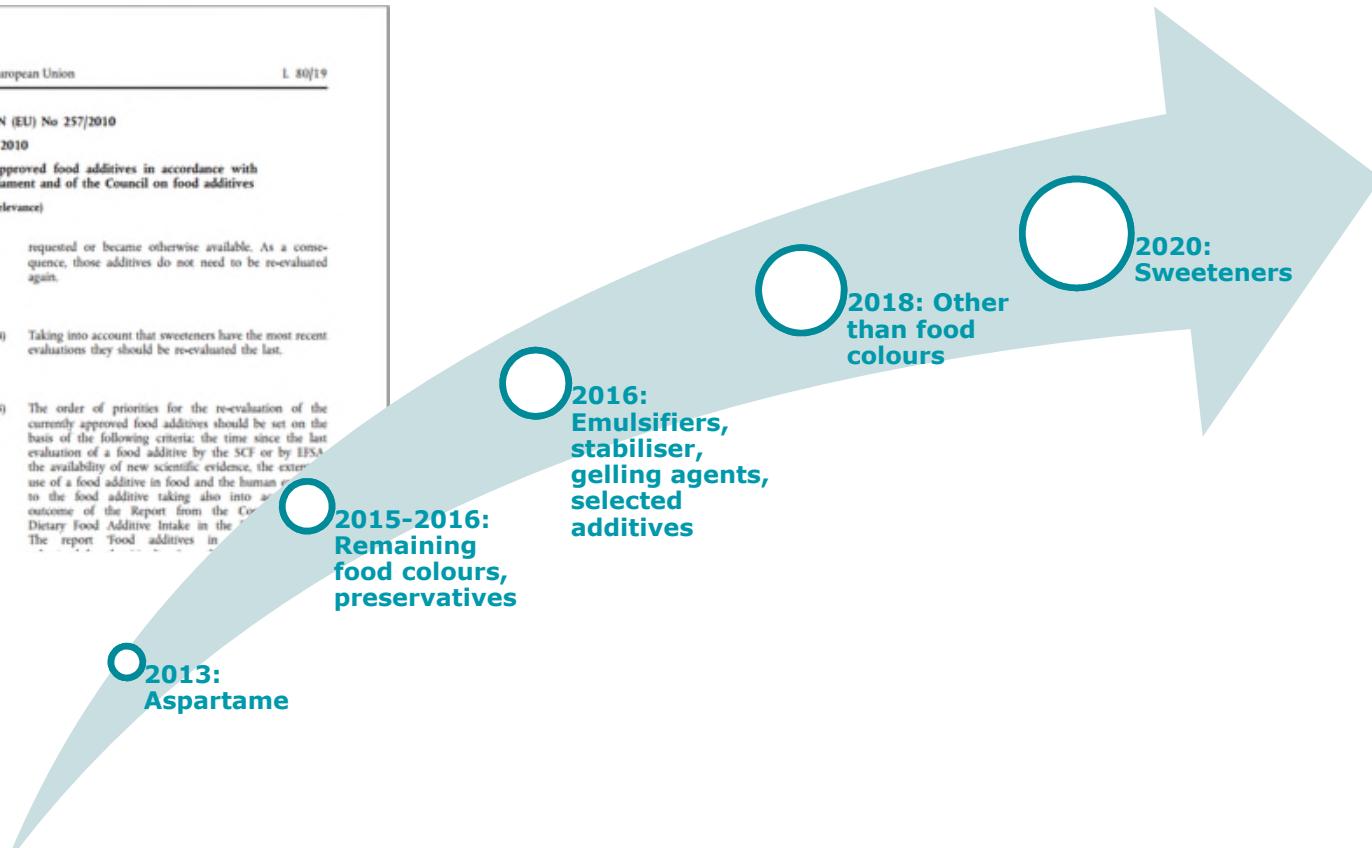
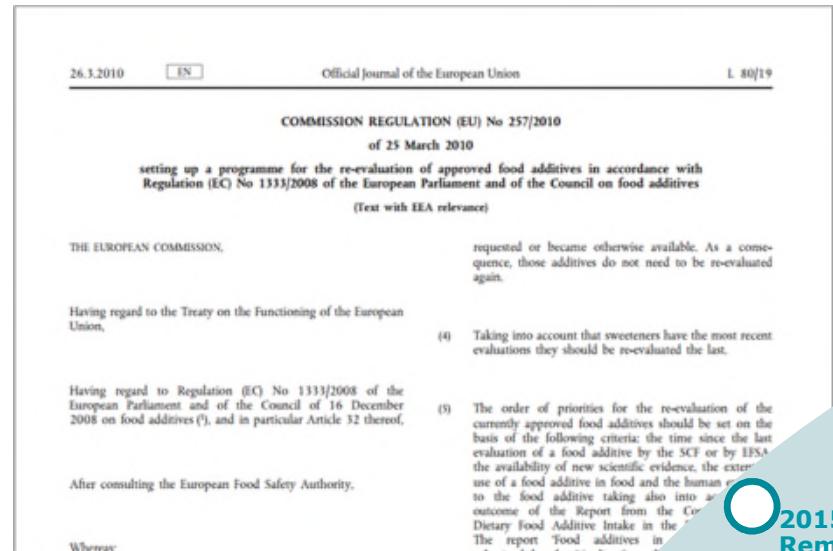
Food additives
authorised after



Common
authorisation
procedure

Reg. 1331/2008

RE-EVALUATION OF PERMITTED FOOD ADDITIVES



The role of EFSA in the re-evaluation

RE-EVALUATION MANDATE

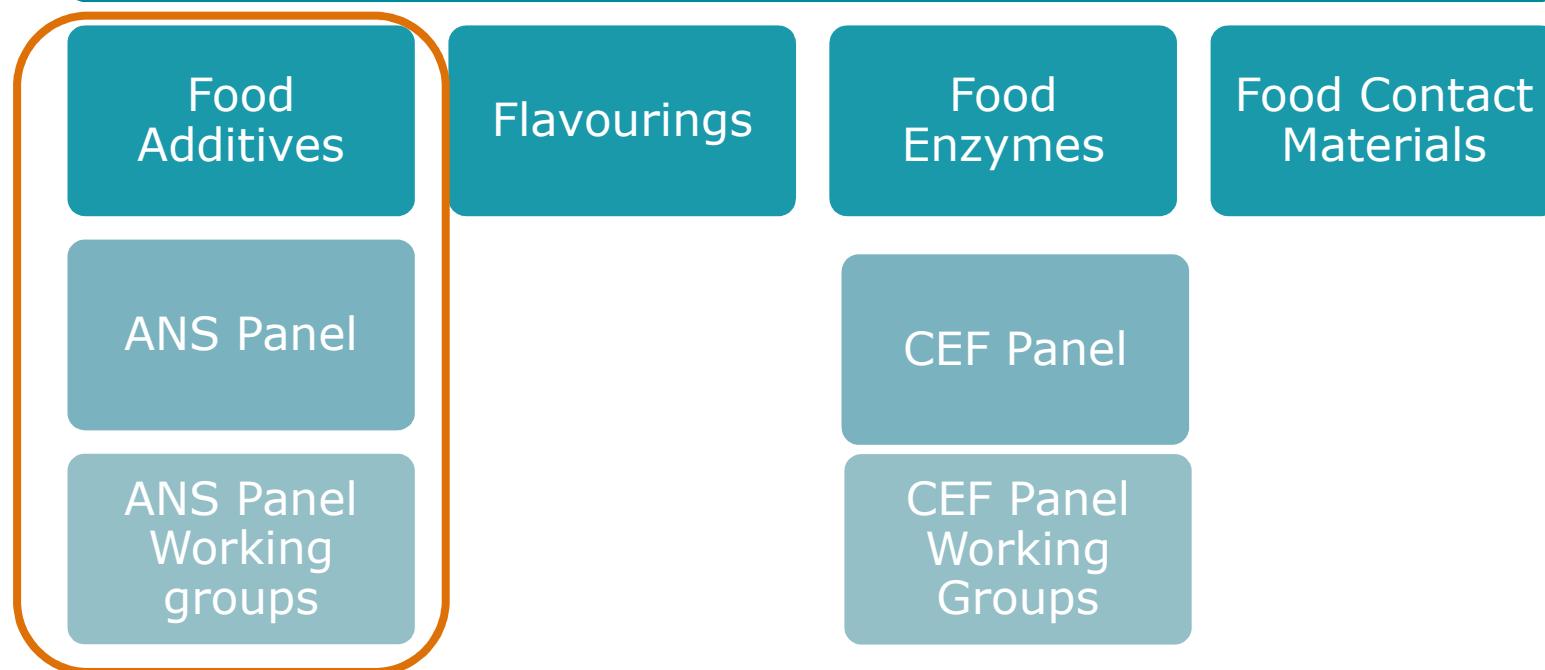


Single mandate
covering all food
additives to be re-
evaluated

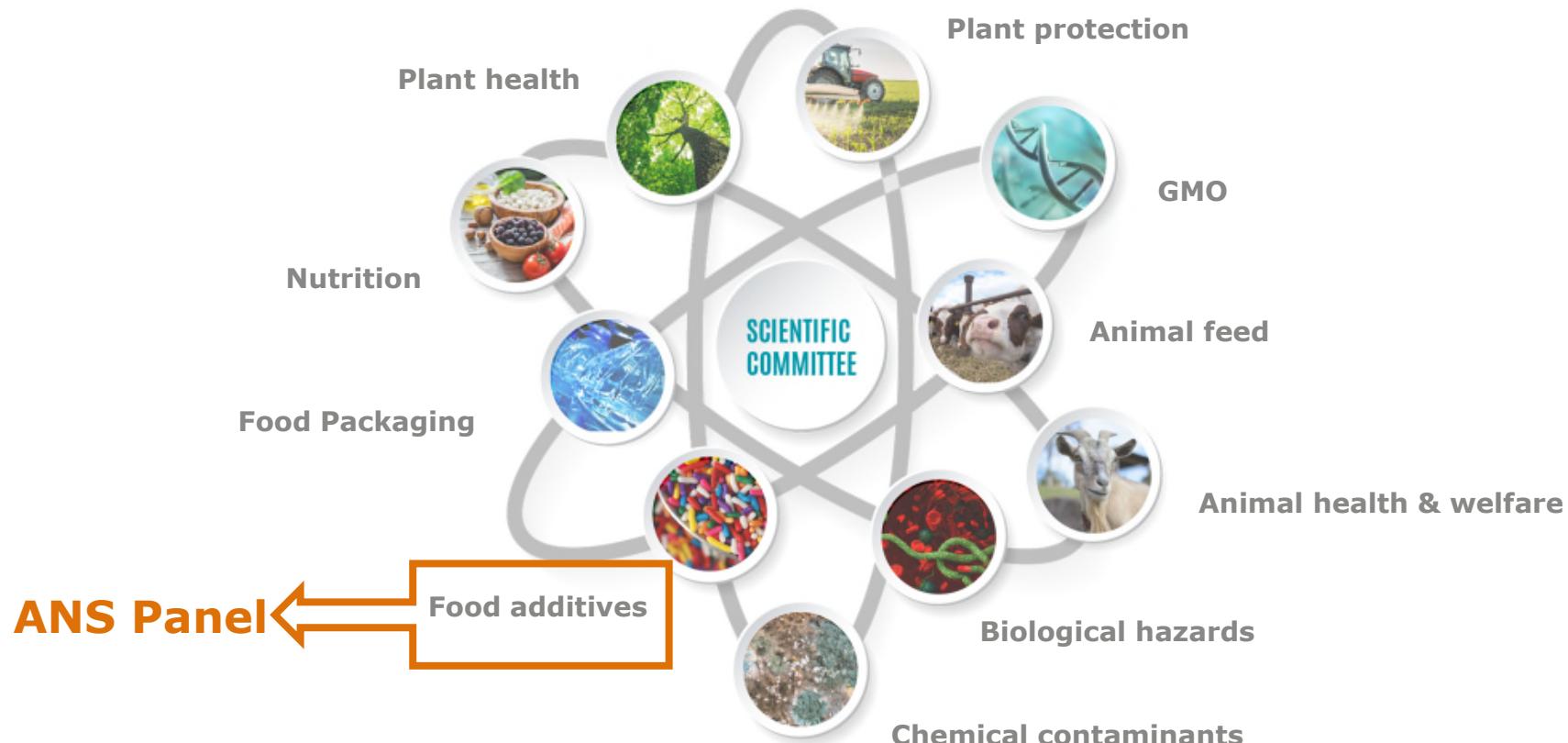


- Previous assessments
- SCF, JECFA
- Public call for data
- Technical data
- Biological and toxicological
- Chemical occurrence
- Use and use levels

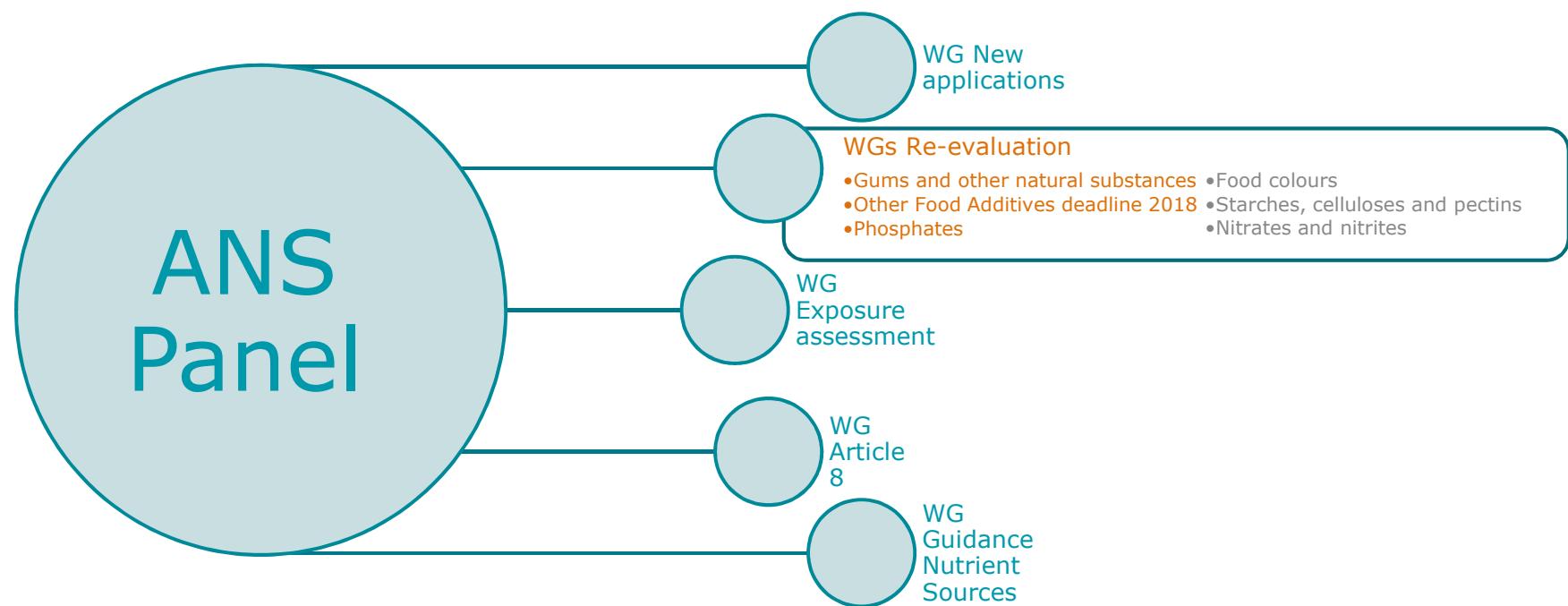
Food Ingredients and Packaging Unit



THE SCIENTIFIC PANELS

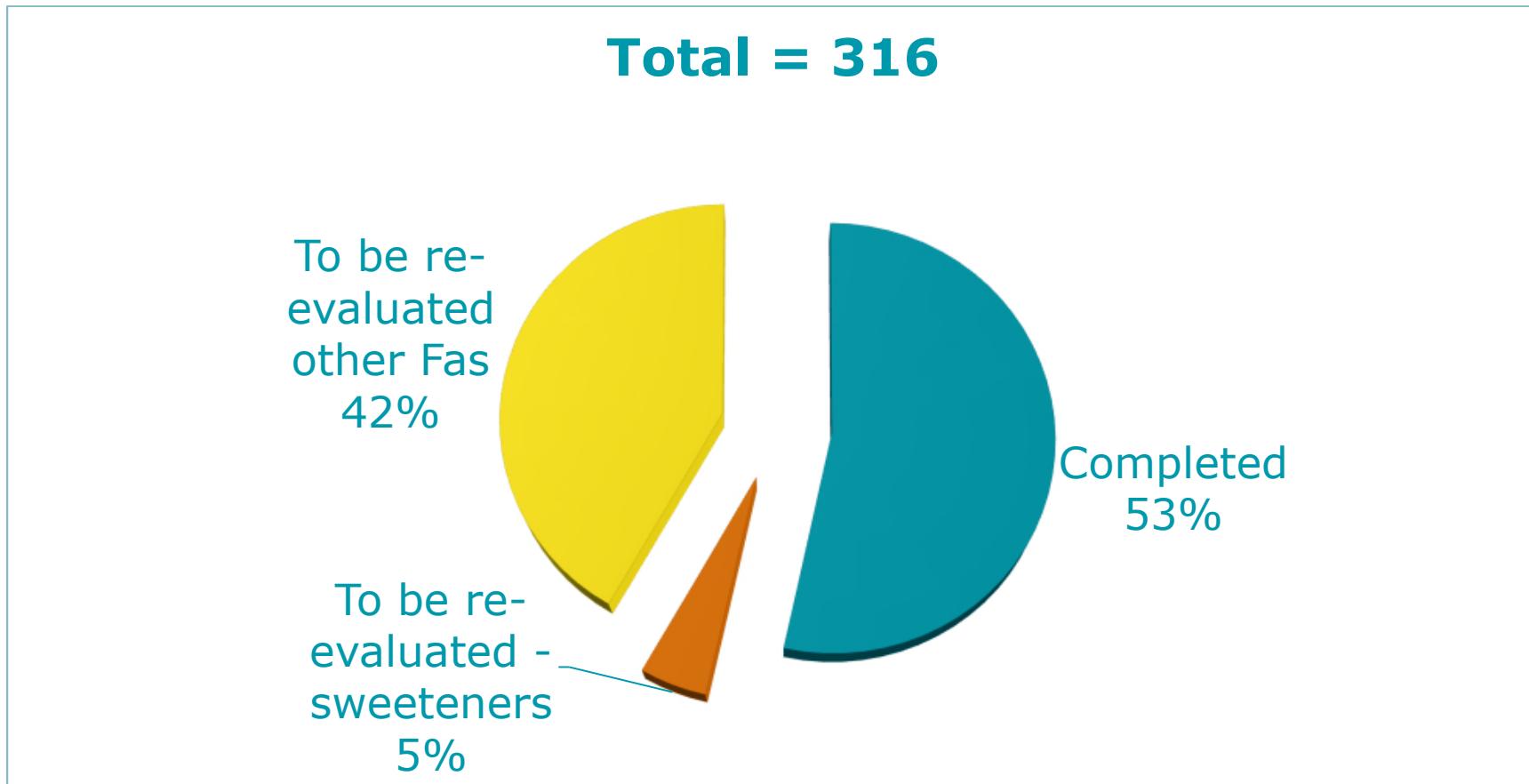


ANS PANEL: ORGANISATION

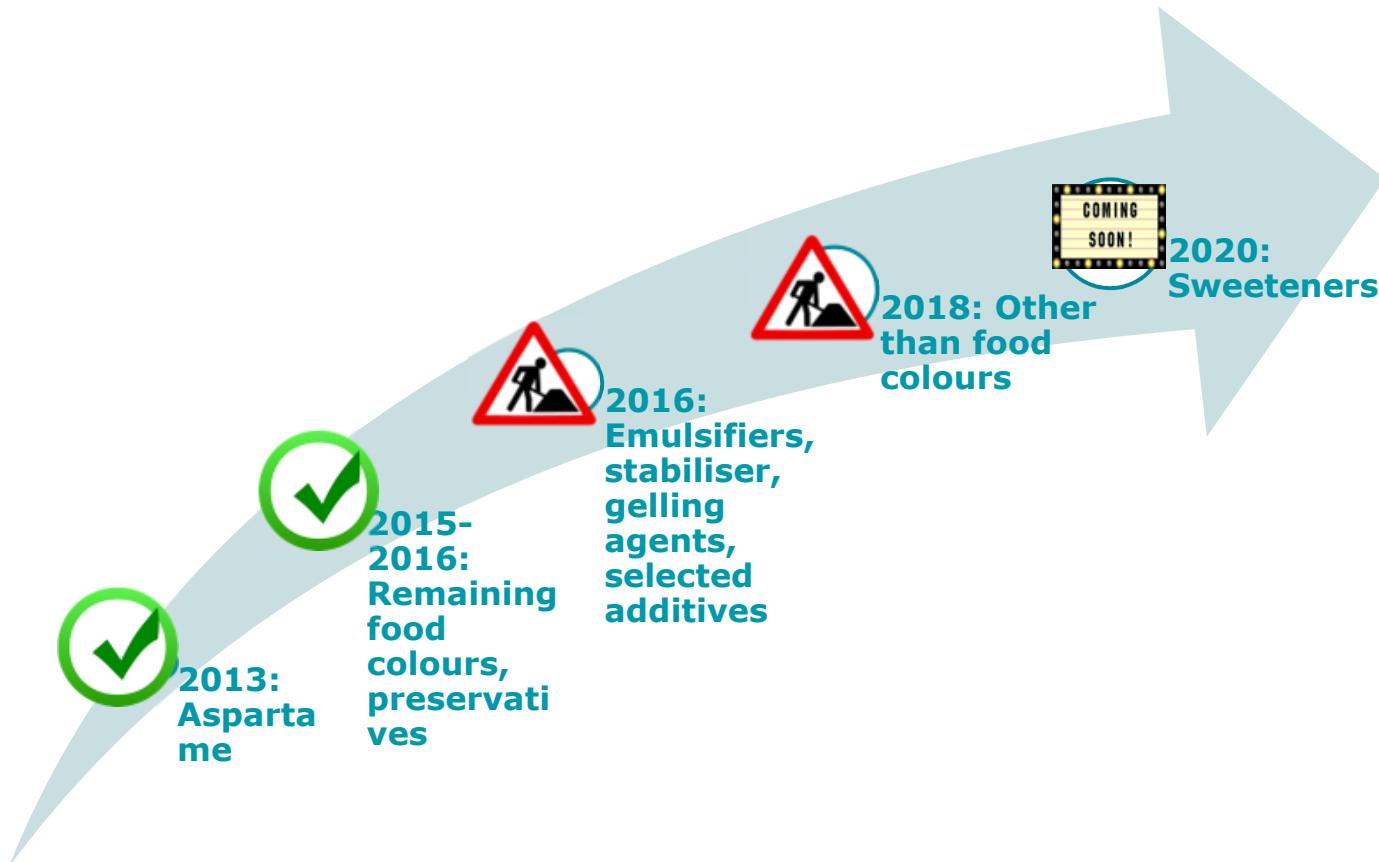


Progress made and milestones

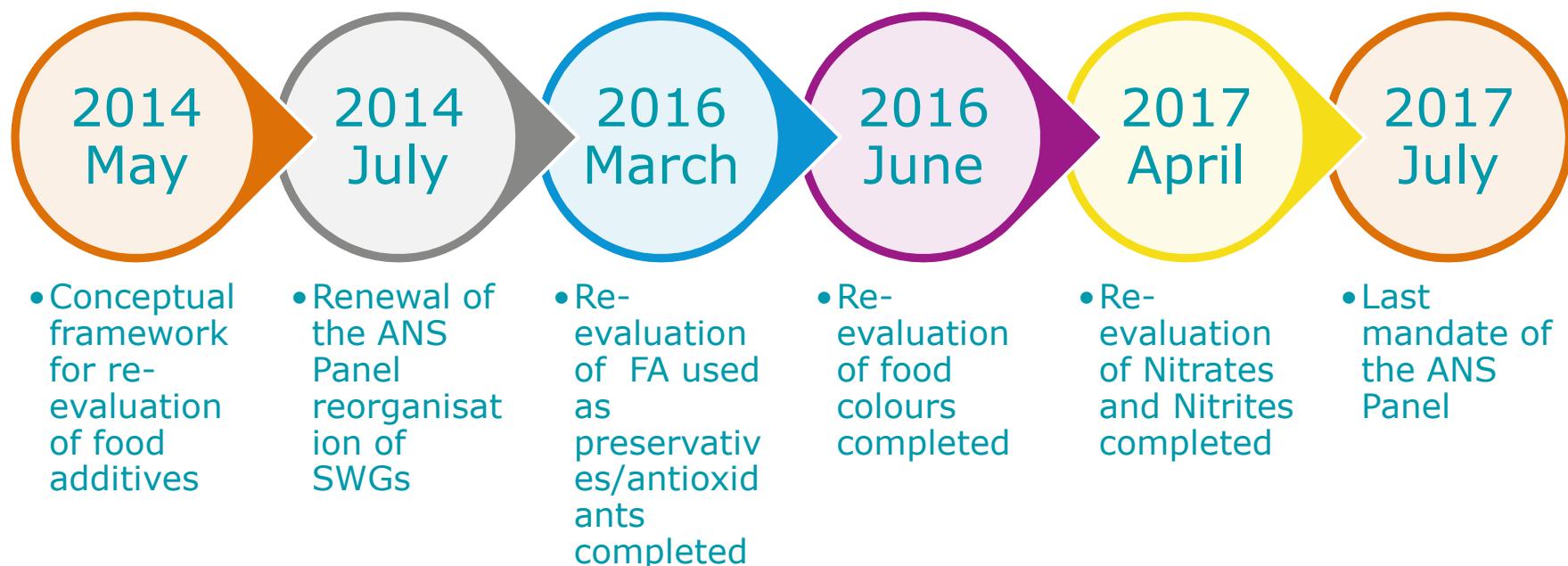
FOOD ADDITIVES TO BE RE-EVALUATED



RE-EVALUATION OF PERMITTED FOOD ADDITIVES



2014-2017: AT A GLANCE



2014 CONCEPTUAL FRAMEWORK



The screenshot shows a web browser displaying a statement on a conceptual framework for the risk assessment of certain food additives. The page is titled 'Conceptual framework approach for the re-evaluation of food additives'. It includes a 'Subject area' section with a link to 'Food ingredients and packaging', and a 'Related topics' section with a link to 'Food Additives'. The page also features social sharing buttons for Twitter, LinkedIn, and Facebook, and a link to 'Read it on the Wiley Online Library'.

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

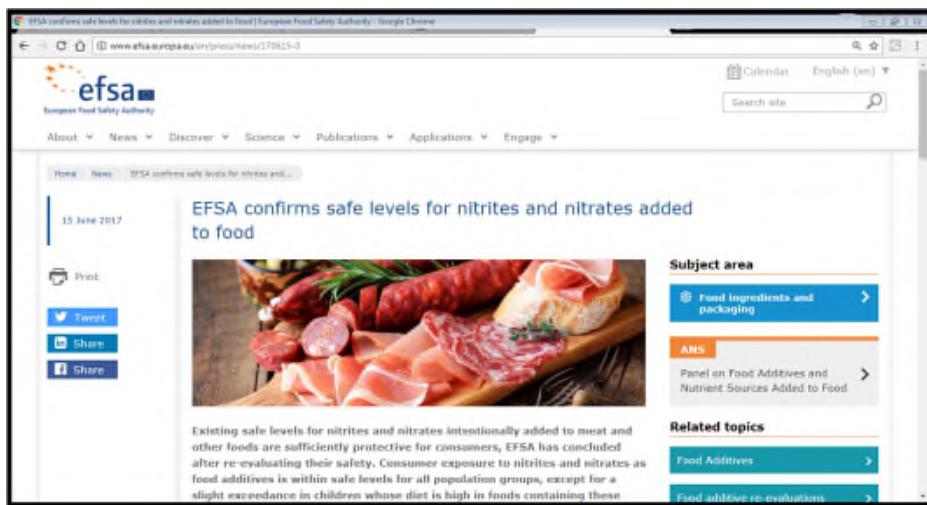
- substances with acceptable daily intake (ADI) "not specified"
- no numerical ADI
- food additives authorised in food categories according to quantum satis (QS)
- food additives not of low intrinsic toxicity, but of low toxicological concern with respect to their use in food

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.

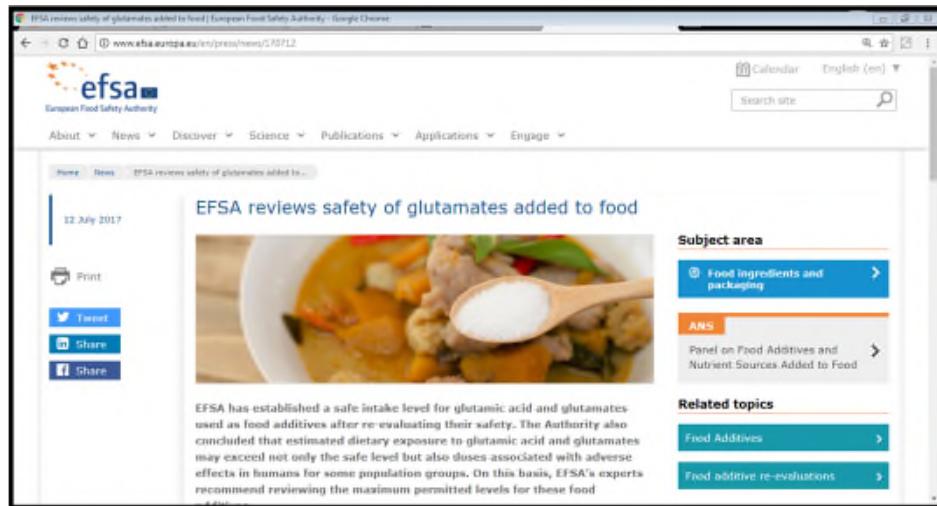
2017 RE-EVALUATION OF NITRITES AND NITRATES



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.

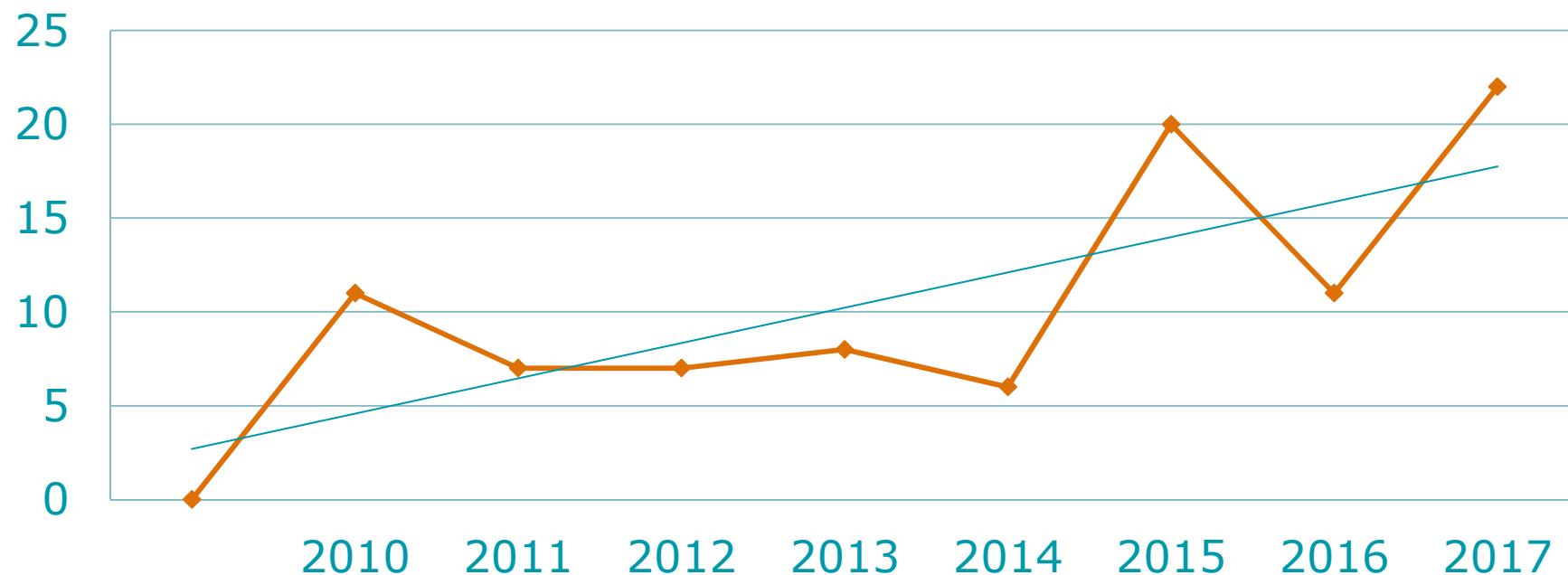
2017 RE-EVALUATION OF GLUTAMATES



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

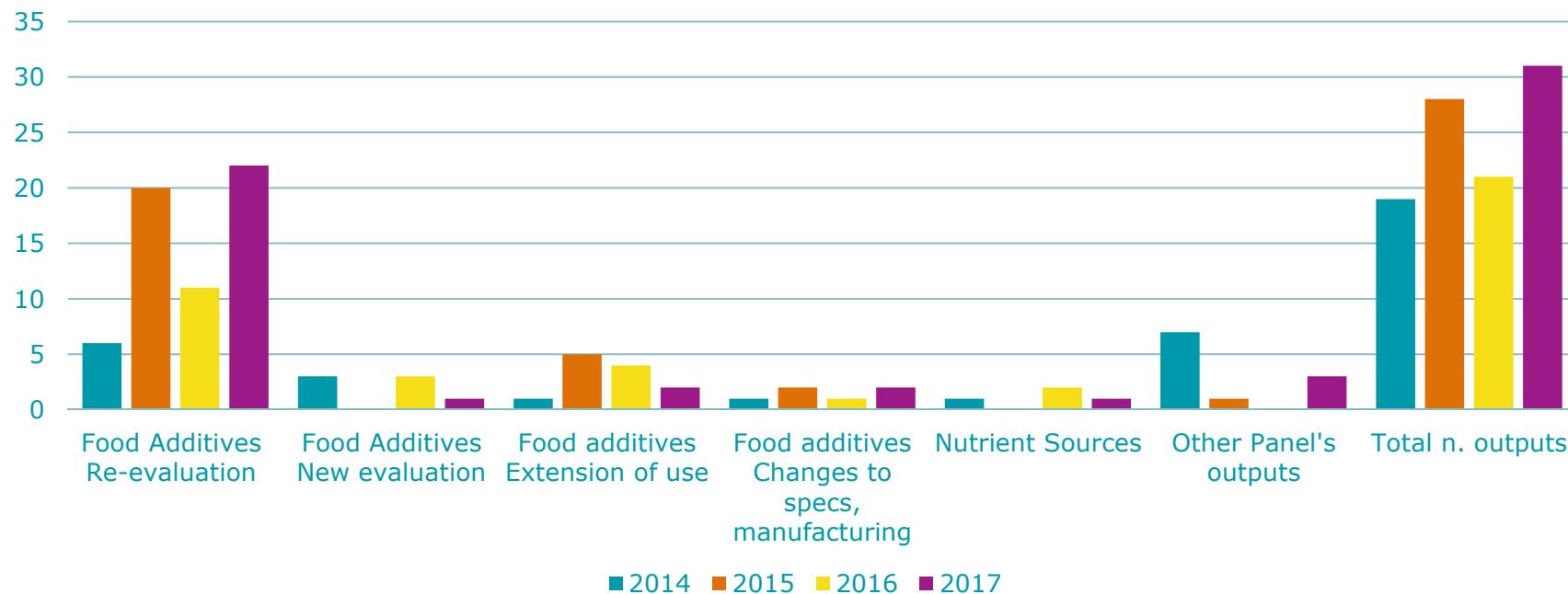
NUMBER OF ADOPTED OPINIONS

Scientific opinions on food additive re-evaluations



ANS PANEL 2014-2017 : AT A GLANCE

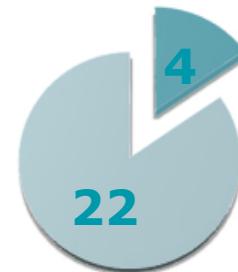
Scientific outputs adopted by ANS Panel



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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