



# From food to feed : update on EU legislation

Action and Implementation sub-group

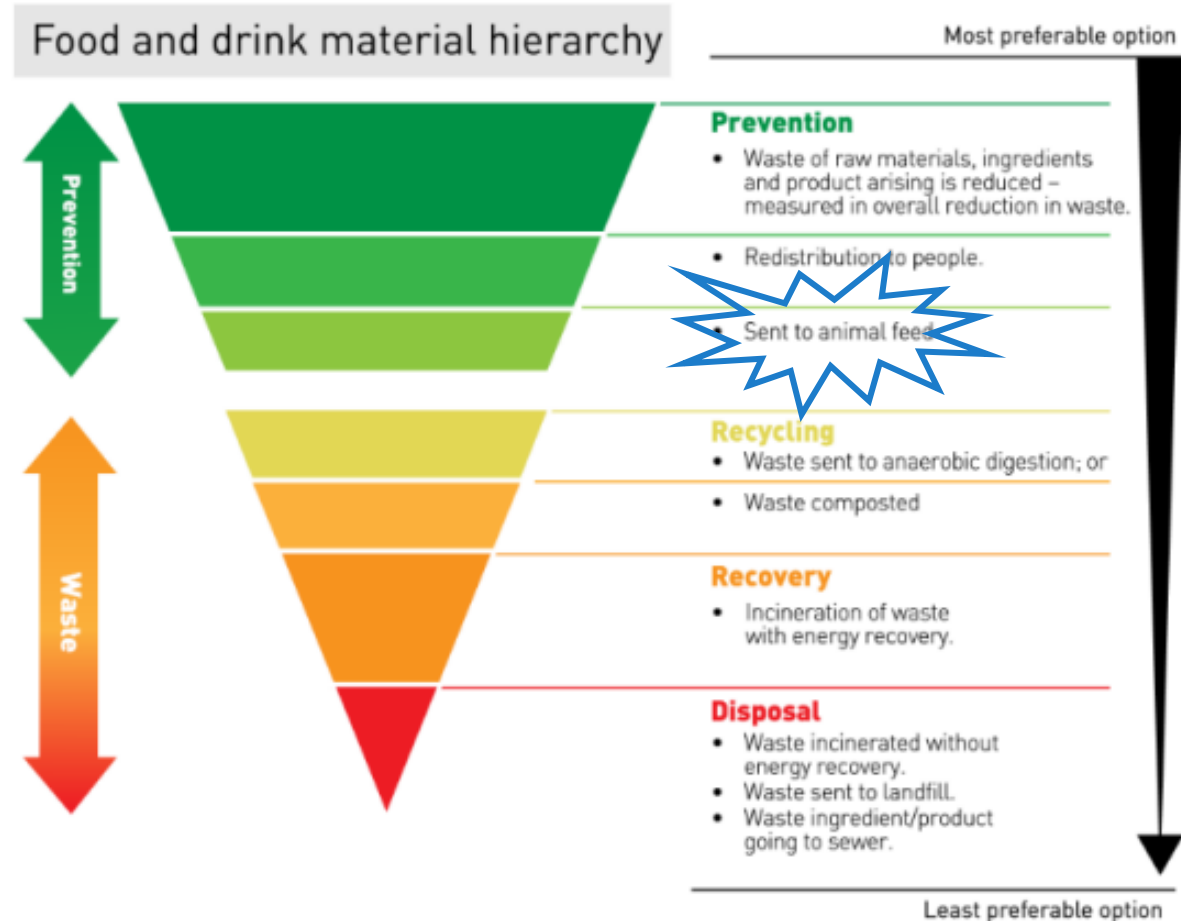
*25 May 2023*

# Sustainable feed and food waste prevention

- The use of former foodstuffs/by-products to produce animal feed is very high in the [food use hierarchy](#)
- Sustainability is important, but safety is a prerequisite!
- Feed ban of 2001 following the bovine spongiform encephalopathy (BSE) crisis
- Any changes to current bans need to be preceded by risk assessments by the European Food Safety Authority to ensure that risks for the food chain are negligible
- [Commission Notice — Guidelines for the feed use of food no longer intended for human consumption](#) (C/2018/2035)

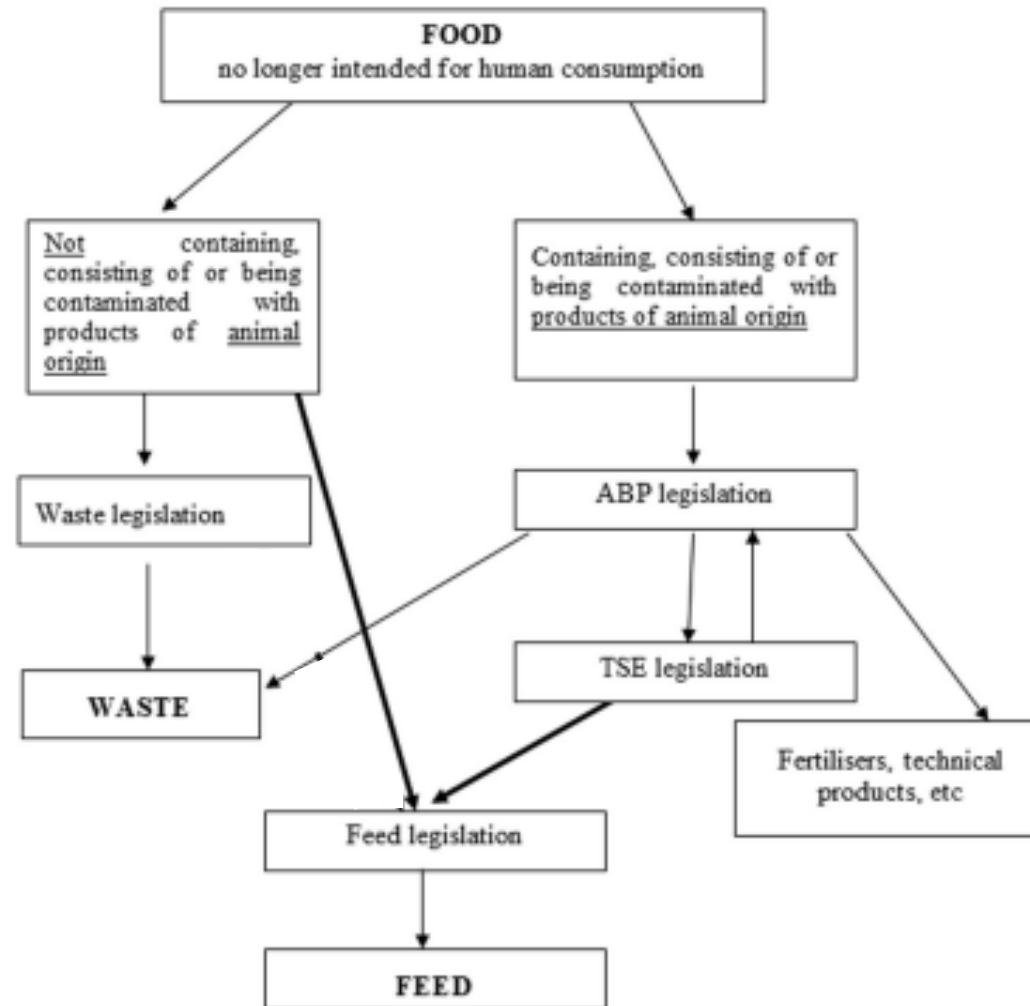
# EU waste legislation: promoting a «food use» hierarchy

Figure 2. Food waste hierarchy obtained from WRAP (2018).

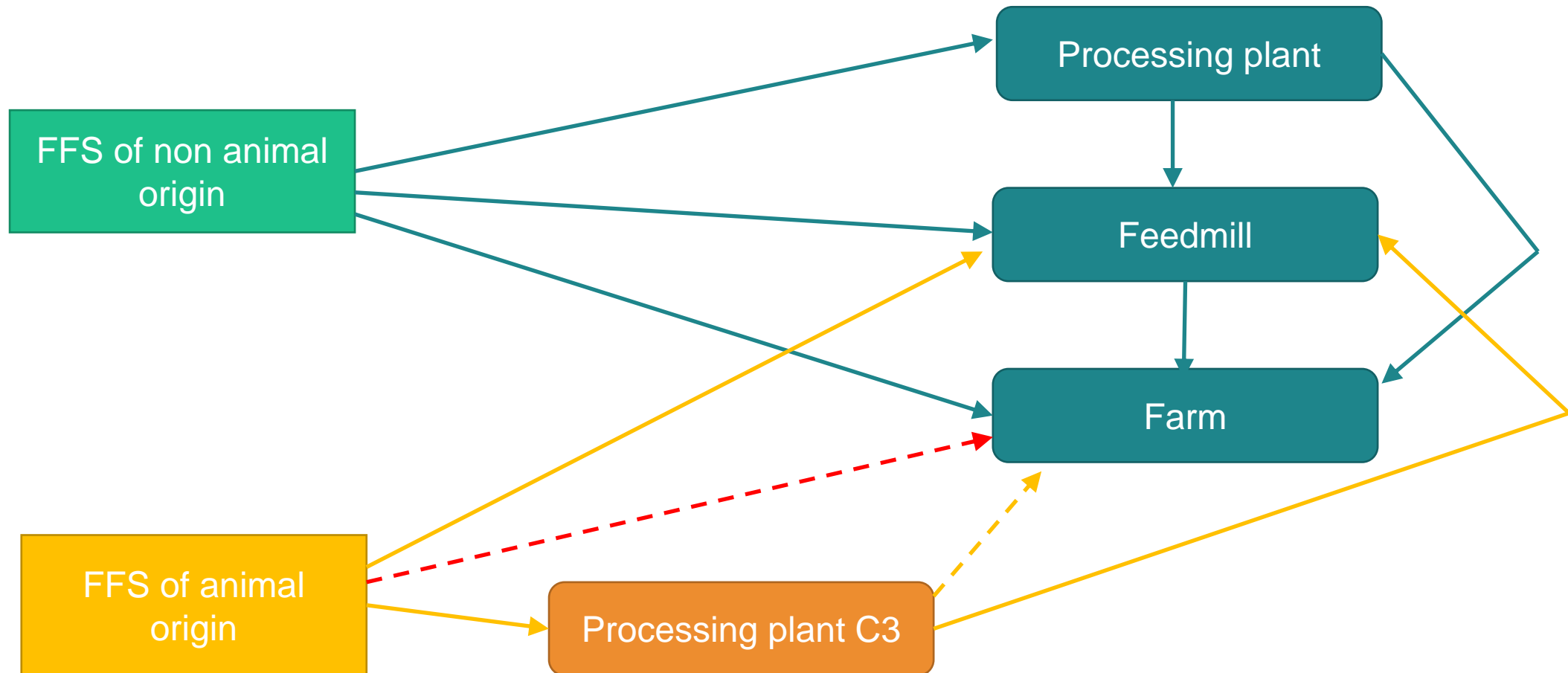


# Flow chart from food to feed

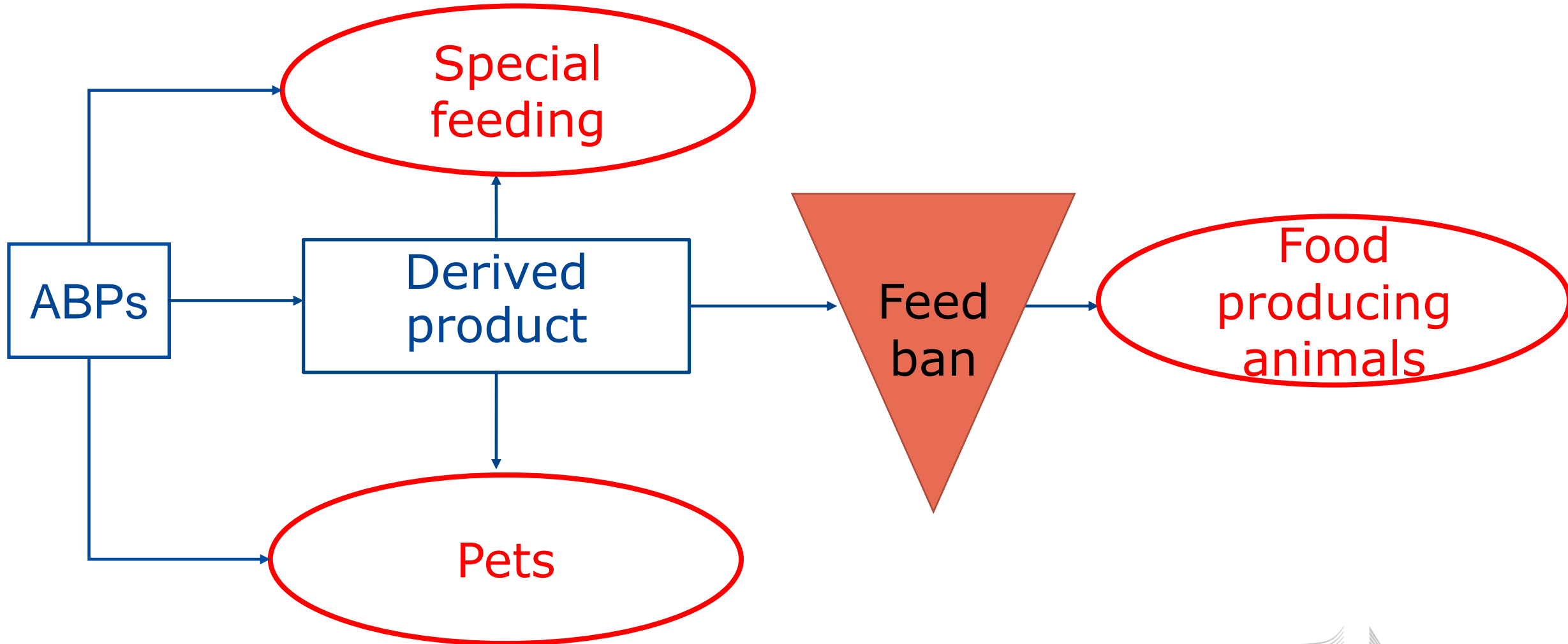
(adapted from C/2018/2035)



# Former foodstuffs: use in the feed chain



# Flowchart: feed with ABP



# Progress on feed use since 2001- Reg 999/2001

- 2013 - re-authorisation of porcine and avian processed animal proteins in fish feed
- 2017 – authorisation of insect processed animal proteins in fish feed
- 2021 – authorisation of:
  - processed animal protein derived from pigs and insects in poultry feed;
  - processed animal protein derived from poultry and insect in pig feed;
  - gelatine and collagen of ruminant origin in the feed of non-ruminant farmed animals

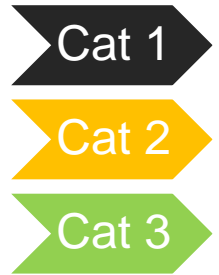
	Product types	Farmed animals other than fur animals					Pet and fur animals
		Ruminants	Porcine animals	Poultry	Other non-ruminants	Aquaculture animals	
1	Ruminant processed animal proteins (PAP) including blood meal						
2	PAP from porcine animals			2021		2013	
3	Other non-ruminant mammalian PAP					2013	
4	PAP from poultry		2021			2013	
5	PAP from farmed insects		2021	2021		2017	
6	Fishmeal (PAP) (includes blood meal of aquatic animals)	In milk replacers for unweaned Ru-s only				No fishmeal of farmed species X to same species X	
7	Blood products from non-ruminants						
8	Blood products from ruminants						
9	Hydrolysed proteins from non-ruminants and/or ruminants hides and skins						
10	Hydrolysed proteins other than those only derived from non-ruminants and/or ruminants hides and skins						
11	Gelatine and collagen from ruminants		2021	2021	2021	2021	
12	Gelatine and collagen from non-ruminants						
13	Di and tricalcium phosphate of animal origin						
14	Egg, egg products, milk, milk products and colostrum						
15	Animal proteins other than the above-mentioned ones						
	Colour codes	Not authorized		Authorized		Authorized for certain types of animals	

\*fishing bait is considered to fall under the category of feed for aquaculture, since one cannot guarantee that the fishing bait is only used for wild aquatic animals and not for kept aquatic animals.



# Prohibitions and restrictions for feed use

- Packaging from the use of products from the agri-food industry, and parts thereof (Annex III of Reg (EC) No 767/2009)
- Animal By-Products:
  - Other categories than Cat 3 materials are prohibited (Reg (EC) N°1069/2009)
  - Annex X, chapter 2, section 10 of Reg (EU) No 142/2011 (Specific requirements for feeding to farmed animals, other than fur animals, of certain Category 3 material referred to Article 10(f) of Regulation (EC) No 1069/2009) => only some C3 142/2011 of European origin, produced in EU plants, that have undergone processing as defined in Article 2(1)(m) of Regulation (EC) No 852/2004 or in accordance with Reg :
    - milk, milk-based products, milk-derived products,
    - eggs, egg products,
    - honey,
    - rendered fats,
    - collagen,
    - gelatine



# Former foodstuffs in feed : legislation

- Reg (EC) No 999/2001: TSE Regulation
- Reg (EC) No 178/2002: General Food Law
- Reg (EC) No 852/2004 & Reg (EC) No 853/2004: Food Hygiene Regulation
- Reg (EC) No 183/2005: Feed Hygiene Regulation
- Reg (EC) No 767/2009 & Reg (EC) No 68/2013 : Feed marketing and feed materials catalogue
- Reg (EC) No 1069/2009: ABP Regulation
- Reg (EU) No 142/2011: ABP Regulation

# Keep in touch



[https://ec.europa.eu/food/safety/food-waste\\_en](https://ec.europa.eu/food/safety/food-waste_en)



[https://ec.europa.eu/food/safety/food\\_waste/eu-food-loss-waste-prevention-hub/](https://ec.europa.eu/food/safety/food_waste/eu-food-loss-waste-prevention-hub/)



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# Thank you



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