

# ANIMAL BY-PRODUCTS

## Controls on Animal By-Products

**Council Regulations EC1069/2009 and EU142/2011**

**Animal By-Products and Derived Products**

**Implemented separately in England, Scotland, Wales and N.Ireland**

**as Animal By-Products (Enforcement) Regulations 2013/14**

# **Animal Health, Public Health and Environment**

- **Collection**
- **Transport**
- **Handling**
- **Storage**
- **Treatment, Transformation and Use**
- **Processing**
- **Storage and Distribution**
- **Placing on the Market / Import and Export**
- **Disposal**

**Safe Use / Disposal with Minimum Health Risks**

**Ensuring protection of Feed and Food chains**

# Council Regulations EC1069/2009 and EU142/2011

## Animal By-Products and Derived Products

- **Animal By-Products (ABP)**
  - Entire Bodies
  - Parts of Animals
  - Products of Animal Origin / other products obtained from animals
  - 'Not Intended for Human Consumption' – *an irreversible decision !*
- **Derived Products**
  - Products obtained from one or more treatments, transformations or processing steps of animal by-products – the end point of the 'risk' chain. *i.e ABP does not pose a significant threat to public or animal health*
- **Categorisation** of product (**1,2 or 3**) reflects level of risk to animal and public health and defines required 'treatment' / 'disposal' methods
- Collection, Identification, Transportation, Treatment, Use, Processing or Disposal – '**Without undue Delay under conditions which prevents risks to Public and Animal Health**'
- **Natural / Legal person having Actual Control**
- **Farmed Animal** – 'any animal that is kept fattened or bred by humans and used for the production of food (incl. Meat, milk and eggs) wool, fur, feathers, hides and skins, or any other product of animal origin', or for other farming purposes and includes horses

# Council Regulations EC1069/2009 and EU142/2011

## Animal By-Products and Derived Products

### Category 3 (Lower Risk.) and Disposal Routes

- **Approved Incineration**
  - With or without prior processing (rendering)
- **Approved Co-incineration**
  - With or without prior processing (rendering)
- **Burial in Authorised Landfill**
  - After Processing (rendering)
- **Processed (except material that would present an unacceptable risk to public / animal health) and used for:**
  - Manufacture of feed for farmed animals, other than fur animals (some exclusions)
  - Manufacture of feed for fur animals
  - Manufacture Pet food
  - Manufacture of organic fertilisers and soil improvers
- **Production of raw pet food**
- **Approved Composting or Transformed to Biogas** (incl material from aquatic animals)
- **Shells from Shellfish containing flesh and egg shells can have authorised uses provided they don't pose a risk to animal / human health**
- **Used as Fuel for Combustion**
  - With or without prior processing
- **The Manufacture of Derived Products**
- **Carcases and parts of slaughtered animals, incl. killed game— fit for human consumption – but not intended for such for commercial reasons**
- **Carcases and parts of slaughtered animals considered fit for human consumption following anti-mortem inspection and game killed for human consumption**
  - Rejected as unfit for human consumption
  - Blood, hides, skins, horns and feet from:
    - Animals not requiring TSE testing
    - Negative TSE tested ruminants
  - Heads of Poultry, feathers and Pig bristles
  - Connective Tissue
- **ABP from poultry and lagomorphs having no disease signs communicable to humans or animals**
- **Degreased bones, greaves and centrifuge or separator sludge from milk processing arising from the production of products intended for human consumption**
- **Blood, placenta, wool, feathers hair, horns, hoof cuts and raw milk from animals free from communicable disease**

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# **Council Regulations EC1069/2009 and EU142/2011**

## **Animal By-Products and Derived Products**

### **Category 3 (Lower Risk) and Disposal Routes (cont..)**

- **Products of animal origin and former foodstuffs, containing products of animal origin, no longer intended for human consumption for:**
  - **Commercial Reasons**
  - **Manufacturing problems**
  - **Packaging Defects**
  - **Other defect, presenting no risk to humans or animal health**
- **Pet food and feeding stuffs of animal origin or feeding stuffs containing ABP or derived products no longer intended for feeding for**
  - **Commercial Reasons**
  - **Manufacturing problems**
  - **Packaging Defects**
  - **Other defect, presenting no risk to humans or animal health**
- **ABP from aquatic animals from food processing**
- **Shells from Shellfish with soft tissue or flesh, hatchery by products, eggs, egg by products (incl. shells), day old chicks killed for commercial reasons which did not show any signs of communicable disease**
- **Pathogenic aquatic and terrestrial invertebrates**

# **Council Regulations EC1069/2009 and EU142/2011**

## **Animal By-Products and Derived Products**

### **Category 3 (Lower Risk) and Disposal Routes (cont..)**

- |  |   |
|--|---|
| <hr/>  | <ul style="list-style-type: none"><li>▪ Pathogenic aquatic and terrestrial invertebrates</li><li>▪ Other hides, skins, hooves, feathers, wool, horns, hair and fur originating from dead animals free from communicable disease</li></ul> |
| <hr/>  | <hr/>   |
| <ul style="list-style-type: none"><li>▪ Applied to land without further processing</li></ul>   | <ul style="list-style-type: none"><li>▪ Raw milk, milk products and colostrum</li></ul>   |
| <hr/>  | <hr/>   |
| <ul style="list-style-type: none"><li>▪ Ensiled, Composted or transformed into bio gas</li></ul>   | <ul style="list-style-type: none"><li>▪ Aquatic Animals free from communicable disease</li></ul>  |
| <hr/>  | <hr/>   |
| <ul style="list-style-type: none"><li>▪ Processed by pressure sterilisation or to approved parameters or Composting or transformed into Biogas</li></ul> | <ul style="list-style-type: none"><li>▪ Other Catering Waste</li></ul>  |
| <hr/>  | <hr/>   |
| <ul style="list-style-type: none"><li>▪ Any other Approved method under Regulations</li></ul>  |   |

# **Council Regulations EC1069/2009 and EU142/2011**

## **Animal By-Products Regulations**

### **Storage, Collection and Transportation**

- **A mixed Category of material, always falls into higher control level**
- **Consignments to be identifiable**
- **Transported in sealed packaging, covered leak proof containers or vehicles**
  - Cleaned, washed and/or disinfected after each use, and clean and dry before use - to avoid cross contamination
  - Re-usable containers to be dedicated\* to particular ABP use, to avoid cross contamination
  - \*Competent Authority may authorise 'use with other ABP in particular circumstances', where any cross contamination is prevented
- **When transported labelled (vehicle, container, packaging)**
  - Category 3 – **'Not for Human Consumption'**
  - Category 2 – **'Not for Animal Consumption'**
  - Category 1 – **'For Disposal Only' or 'For Manufacture of Pet Food Only' or 'The manufacture of Derived Products only. Not for Human Consumption or for application to Land'**
  - **Other legends, dependent on ABP and its future processing / use**
- Storage and transport at appropriate temperature to avoid human and animal risks.
- If unprocessed Category 3 material for production of feed or pet food to be transported chilled or frozen or ensiled unless processed within 24 hours
- For intra community trade, consignments, vehicle, containers, packaging and labelling to be colour coded – Member States may establish in country colour codes, provided they do not confuse intra community coding

# Council Regulations EC1069/2009 and EU142/2011

## Animal By-Products Regulations

### Consignee, Transport and Receiver - Records

#### Commercial Documents, Records

- Commercial Document or Health Certificate (if required) to accompany each movement of ABP/Derived products (for *complete traceability*)
- Consignors, Transporters and Plant Operators to maintain/keep records for minimum of 2 years
- Date of movement
- Description of the Category of the Material (Categories 1,2 or 3)
  - Animal species and in relation to Category 3 material, destined for feeding, its ABP type as detailed in Art 10 of EC 1069/2009 (e.g hides, skins, feathers etc) and if a whole carcase or head, the ear tag number of the animal
- Quantity – volume, weight or number of packages
- Place of Origin (+ Approval/Registration No. if applicable and the nature, methods of treatment)
- Name and Address of Carrier
- Name and Address of Receiver (+ Approval / Registration No. if applicable)
- At least in triplicate (copies for place of origin / transporter / and 'Original' to receiver)
  - Option for Member States to require a 4<sup>th</sup> copy to be returned to 'origin' by 'receiver' as proof of delivery'
  - Signatures to be in differing colour to that of printing of document
  - Individual Reference No. for each consignment
- **Commercial Documents** – as per model contained within EC142/2011 or in a different format that contains that same data
- Additional Records to be kept by Collection Centres e.g. knackery yards etc
- Records of permitted burials and burning – i.e. quantity, species and date and place of burning or burial



# **Council Regulations EC1069/2009 and EU142/2011**

## **Animal By-Products (Enforcement) Regulations**

### **Feeding and Access to Animal By-Product**

#### **ABP (Enforcement) Regulations**

- APB, including catering waste must not be brought onto any premises if farmed animals would have access to the ABP
- Applies to derived products from catering waste
- Meat and bone meal derived from Category 2 material, and processed animal proteins intended to be used, or in inorganic fertilisers or soil improvers which do not comply with the placing on the market controls laid down in EC 1069/2009
  
- **Prohibitions from EC 1069/2009:**
  - Feeding of terrestrial animal species, other than fur animals, with processed animal protein derived from the the same species
  - Feeding of farmed animals, other than fur animals, with catering waste or feed material containing or derived from catering waste
  - Feeding of farmed animals directly or indirectly with herbage from land to which organic fertilisers or soil improvers, other than manure, unless grazing or cutting takes place after a waiting period of at least 21, days or longer whichever, is necessary to ensure adequate controls in respect of risks to both public and animal health.
  - Feeding of farmed fish with processed animal protein derived from farmed fish of the same species
  
- **Official Control Measures may be laid down by Commission in respect of the above.**

**Council Regulations EC1069/2009 and EU142/2011**  
**Animal By-Products (Enforcement) Regulations**  
**Feeding and Access to Animal By-Product**

- **Catering Waste: means all waste food, including used cooking oil originating in restaurants, catering facilities and kitchens including household kitchens**
- **A carcase or part of a carcase of any farmed animal that has not been slaughtered for human consumption must be held pending consignment or disposal in such a manner as to ensure that any animal or bird shall not have access to it.**
- **See also TSE Regulations re feeding / access / bringing onto premises.**

# Animal By-Products

## Waste Food - Enforcement

- Derivation of Waste Food – No longer for human consumption
  - Food Manufacturers
  - Food Wholesalers / Distributors
  - Retailers
    - Supermarkets
    - Convenience Stores, incl. Petrol Filling Stations
    - Butchers / Fish Mongers
    - Bakers
    - Delicatessen
    - Public Houses / Restaurants / Caterers
  - Household Kitchens

# **Animal By-Products Regulations**

## **Animal By-Products / Waste Foods**

- **Animal By-Products (ABP)**
  - **Entire Bodies**
  - **Parts of Animals / Products of Animal Origin – ‘Not Intended for Human Consumption’**

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- **Raw Meat and Raw Fish**
- **Former foodstuffs of, or containing products of animal origin, no longer intended for human consumption:**
  - **Commercial Reasons**
  - **Manufacturing problems**
  - **Packaging Defects**
  - **Other defects, presenting no risk to humans or animals**
- **Catering Waste**
- **Packaging**

# Animal By-Products Regulations

## Uncooked Food Wastes

- Meat or fish or meat or fish products, fresh, frozen or partially cooked that require cooking
- Includes for example -
  - Raw meat / poultry / fish / seafood: 'rare' cooked meats: beef jerky: salami, parma / serrano ham: smoked salmon / meat: dried / cured meat: bresaola: sashimi: raw sausage / burgers: raw bacon / gammon: raw eggs: unpasteurised milk

Category 3 ABP Approved Disposal Route

**Not Landfill**

**No feeding to or access to Farm Animals**

# Animal By-Products Regulations Cooked / Processed Food Wastes

## Former Foodstuffs

- Cooked meat or fish or cooked meat or fish products
- Includes for example -
  - Meat or Fish or products - fully pre-cooked, incl. tinned, canned products
  - Cooked hams: Pate
  - Ready to eat Fish products, Frankfurters and Cocktail Sausages
  - Cooked Prawns / Sea Food, Dressed Crab / Lobster
  - Meat, Poultry or Fish based pre-cooked ready-meals
  - Pre-cooked Meat / Fish Pies / Pasties / Sausage Rolls / Pizza
  - Processed Animal Fats – Lard and Goose fat
  - Honey in bulk (sealed containers)
  - Flavourings, stock cubes and meat extracts

Category 3 ABP Approved Disposal Route  
including Landfill

No feeding to or access to Farm Animals

# Retail – Meat / Fish and Deli



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# Animal By-Products Regulations

## Food Wastes

- Bakery products including:
  - Bread, cakes, pastry, biscuits, pasta, chocolate, sweets, and breakfast cereals - where animal product is not main characterising ingredient e.g. eggs, milk or honey: and
  - Do not contain, or have been in contact with raw meat, fish, eggs and products derived from or incorporating meat or fish
- Dairy Products – pasteurised milk, cheese, yoghurt, butter, desserts and ice cream
- Pasteurised / cooked eggs

Category 3 ABP Approved Disposal Route  
including Landfill

Access / Feeding to Farm Animals Permitted

# Animal By-Products Regulations

## Catering Food Wastes

- Any waste food, including cooking oils originating in restaurants, commercial and central catering kitchens or from household kitchens
- Includes
  - Any un-cooked trimmings, including raw meat and fish
  - Cooked meal wastes, including meat and fish

Category 3 ABP Approved Disposal Route including  
Landfill

No Feeding or Access to Farm Animals

# Other possible ABP Outlets

➡ Garages

➡ Fast Food outlets

# Other possible ABP Outlets – Office Restaurants / Kitchens



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# Retail Premises

- ➔ Retail Premises with only a small quantity (under 20 kg per week) of animal by products including raw meat/fish to dispose of can send via normal wastes routes as opposed to separate collections.

# Animal By-Products Regulations

## Packaging Materials

- If separated from Raw Meat and Fish with no meat / blood residues, no longer ABP
  - Reasonable care needs to be exercised in removing the ABP
  - Former Foodstuff and Catering Waste Packaging

**Landfill permitted**

# Category 3 - Separation

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# Storage - Category ?



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# Storage - Category ?

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# DEFRA / LACORs Waste Food Leaflet

## Disposal of waste food by retail premises after 31/12/05 under the Animal By-Products Regulation



### Food that **CANNOT** go to Landfill

#### Raw Meat & Fish

##### Includes:

- Raw sausages, bacon & gammon
- Raw burgers
- Rare cooked meat (pink meat)
- Beef jerky
- Salami, Parma & Serrano ham
- Raw poultry
- Raw fish
- Smoked salmon
- Sashimi
- Frozen raw meat
- Other**
- Raw eggs



### Food that **CAN** go to Landfill

#### Cooked Meat & Fish

##### Includes:

- Cooked ham
- Ready meals
- Cooked pies
- Lard and goose fat
- Tinned meat and fish
- Dips with cooked meat
- Pies and pasties (including sausage rolls)
- Frankfurters & cocktail sausages
- Other**
- Honey in bulk (in sealed containers)



### Food that **CAN** go to Landfill

#### Bakery Products

##### Includes:

- Bread
- Cakes
- Pastry
- Biscuits
- Pasta
- Chocolate
- Breakfast cereal

#### All unsold fruit & vegetables

The food items listed above are for guidance only. The list is not intended to be exhaustive. If you are unsure into which disposal category a particular item of food falls please check with your Local Authority.

### DISPOSE OF SEPARATELY IN A MARKED BIN

- Store away from cooked food
- Label "NOT FOR HUMAN CONSUMPTION"
- Check your collector sends this to an approved plant (see overleaf)
- Keep a record of what material you send, where it is sent, who transports it and the date. These records **MUST** be kept for two years



Do **NOT** feed to livestock



Can be fed to livestock  
You must check with your local authority before feeding anything to livestock

### ORDINARY WASTE DISPOSAL BIN

- You must further separate those products permitted to be fed to livestock if it is intended that they are to be disposed of in this way.

# A Feed Business ?

- ➡ If a retail food , supermarket or manufacturing business supplies former foodstuffs for feeding to animals, it becomes a feed business under the Feed Hygiene Regulations (EC No 1831/2003), which contain requirements for registration.
- ➡ Foodstuff must be safe to feed
- ➡ Controls to prevent contamination

# Notices served by an authorised person (Reg 27)

- ➡ Authorised person where -
- ➡ (a) considers contravention / failure to comply with an animal by-product requirement
- ➡ (b) reasonably suspects as a result, premises constitute a risk to human or animal health
- ➡ Requiring –  
Disposal, C & D, Prohibiting movement
- ➡ At the expense of the person on who served/ can arrange in default
- ➡ Failure to comply is an offence