Global Food Security Information Architecture Scoping Project Report
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Food Supply Chain and Data Mapping to Support Design of a Global Food Security Information Architecture

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Review of Proposed Critical Safety Requirements

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Background

The aim of this report is to describe the different compartments which make up the food supply chain, specifically to identify and illustrate the types of input and output data relevant to global food security\(^1\), and the stakeholders involved across the food chain. Scoping the complexity, diversity and nature of this data is necessary to ensure it can be effectively and efficiently documented and managed in any food chain information management system and/or architecture. Upgraded capability across the food supply chain for data access and collection would facilitate ‘live’ tracking of the status and location of food products, and improve interrogation and interpretation of food supply chain data. It will also permit detailed scrutiny of the use of resources such as water, energy and materials, and of all types of waste streams. This enhanced ‘sight’ of the food supply chain could improve economic decision making for food stocks management and supply/demand planning, waste reduction and/or revalorisation, and enable smoother logistics, delivery acceptance and border crossings. Improvements to traceability and access to evidence of compliance will also support more rapid confirmation of food batch status, aiding food safety assurance, reducing food recall response times and improve overall risk prevention.

The Food Supply Chain

The global food supply chain is a diverse, highly complex and fast moving environment with stakeholders ranging in scale and resources from subsistence farmers in developing countries to multinational organisations involved in the manufacture, transport and sale of food stuffs across the globe (see Annex 1). According to Dr. John Ingram of the Environmental Change Institute at the University of Oxford, food systems are a good example of complex adaptive systems. They are essentially a ‘system’ made up of multiple independent systems which interact, impact and feedback to one another and which are to a degree interdependent. Food systems can operate at local, national, international, and global levels as food can be traded worldwide. This complex food chain ‘ecosystem’ with its inherent interdependencies can however be compartmentalised according to the types of activities being performed and supply chain ‘maps’ created to chart interactions between ‘compartments’, and identify direct and indirect stakeholders within a global food supply chain.

Foods can move along the food chain through a myriad different processing and manufacturing stages to create an enormous range of ingredients, extracts and multicomponent products. Food chain compartments are proposed in Annex 2 in a simple model which attempts to capture the stages through which any food might pass before reaching the final consumer. Descriptions of typical activities are provided for each proposed food chain compartment with examples to illustrate the range of foods handled and created at that stage. Information is also provided detailing the allied industries which provide raw materials, services and support to each compartment. A description is also provided of the multiple external interfaces with technical specialists, training providers, external bodies and enforcement agencies involved with the food chain overall which should be considered.

\(^{1}\) The definition of ‘Food Security’ adopted by the World Summit in 1996, Rome – ‘Food security [is] a situation that exists when all people, at all times, have physical, social and economic access to sufficient, safe and nutritious food which meets their dietary needs and food preferences for an active and healthy life.” FAO. 2002. The State of Food Insecurity in the World 2001. Rome.
From the details provided in Annex 2, it becomes very clear that there are multiple inputs and outputs in the different compartments of food systems. For example, a farmer would buy seed, livestock animals, fertilisers, pesticides, biocides, feed, packaging and/or water supplies from a range of suppliers. The impact of a farming or fishing operation on the wider environment would depend upon its land / watercourse management approaches, such as crops grown, rotation, deliberate support for local ecological diversity, degree of agrochemical use and water source use/reuse. A food manufacturer in turn will buy the raw materials including foodstuffs and packaging needed to make a food product, as well as chemicals for site cleaning and pest control, equipment for manufacturing, packing, temperature controlled storage and shipping, utility services such as water, electric and fuel and various support services such as waste disposal, analytical testing, and transport/logistics. A food manufacturer site will also impact the environment surrounding its location as a result of needs for supply of labour, water and electricity, and production of waste products – either up into the air, into drains, or solid waste needing removal/disposal, as well as needs for service roads/access to site.

Suppliers of materials and services could potentially be a source of issues, non-compliances and fraud related to the foodstuffs produced by that food operator to be sold into the food chain. Each supplier needs to be managed, scrutinized and assured on-going as fit for purpose. In turn, the food operator themselves will be scrutinized and monitored by its customers. There are therefore a wide variety of standards applied to the food supply chain defining expected good practices and compliance requirements across areas such as food safety, quality, environmental sustainability, provenance (e.g. TSG, PDO, PGI2) claims, health/nutrition claims and ethical trading. Useful overviews of the current standards applied to the food industry can be found at ITC Standards Map3 and in a recent report commissioned by the UK Food Standards Agency on third party assurance schemes4. Some examples are also listed in Annex 3 against the food supply chain compartment where they are usually applied. Compliance to these standards, whether for food safety or to support a voluntary or regulated claim, form a critical part of commercial supply agreements and enforcement border controls. Supporting evidence to assure compliance, such as site audit reports, monitoring data from sampling of shipments or products in market, needs to be made available to a wide range of stakeholders for verification – usually 24/7 and sometimes live on demand.

The data / information produced as a result of these diverse interfaces to track and trace supplied materials and services, and to provide evidence to assure that they are safe, fit for purpose and compliant to commercial and regulatory requirements is therefore considerable and in many different types of format. It includes such types of data as locations of farms, stores and factories, company/food operator names and contact details, seed supply records, animal birth/parentage and slaughter records, delivery notes, truck

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3 The International Trade Centre (ITC), a joint agency of the World Trade Organization and the United Nations, is dedicated to supporting the internationalization of small and medium-sized enterprises (SMEs). ITC enable SMEs in developing and transition economies to become more competitive and connect to international markets for trade and investment, thus raising incomes and creating job opportunities, especially for women, young people, and poor communities. As part of their role, they provide useful platforms to map and analyse voluntary standards across 80 sectors (including the agri-food sector) on their Standards Map site [http://www.standardsmap.org/](http://www.standardsmap.org/).

inspection records, production batch codes, dates of manufacture, specifications, sanitation monitoring records, waste records, pesticide/veterinary drug application records, certificates of analysis, staff training records and assurance scheme audit reports. These data would all need to be able to be handled and managed securely and appropriately by supporting information technology in order to fully ensure effective and efficient access, including system interoperability between the various stakeholders.

**Case Studies and Supply Chain Stakeholders**

Foodstuffs can be supplied to consumers directly from the ‘farm gate’ with simple grading/cleaning performed on farm/boat e.g. potatoes, bananas, whole fish, maize cobs, peanuts in shells. Once the foodstuff moves into the wider food chain for further processing, either for convenience or to manufacture derivatives from primary produce, the complexity increases significantly. Foods can undergo multiple process steps and be transported across and through multiple countries/continents. The information needed to provide traceability and assurance of safety, regulatory compliance, identity and quality increases concurrently with the source and complexity of product composition.

Case studies have been generated for this report. to further elucidate the types of information and critical measures currently in use in the food chain relevant to global food security, the sources of such information and the stakeholders involved.

**Maize and Milk**

Single source foodstuffs can undergo a range of processes to manufacture different products and extracts. For example, maize is a staple commodity food consumed globally and products manufactured from maize are used in a large number of applications across multiple industry sectors. A single diagram (see Annex 4, Figure 1) listing these maize derivatives and their uses has been produced to support better understanding of the maize supply chain by Iowa State University Centre for Crops Utilization Research. This diagram nicely illustrates the diverse uses of maize and its processed derivatives in food, feed, cosmetics, pharmaceutical and industrial chemicals as well as use as a biofuel. The USA, China and Brazil together produce ~80% of the maize grown in the world, but maize and maize derivatives are consumed and used worldwide. Interruption in maize supplies due to climate or trade issues would have a major impact worldwide on multiple industries.

Milk is also a major staple foodstuff, and depending on local traditions can be processed into a multitude of butter, cream, cheese, sour milk, whey and powdered products (see Annex 5 Figure 2). These products can be consumed as such or used as ingredients/components in home cooking, further industrial food manufacturing or further manufacturing of other industrial products such as animal feed, cosmetics, and pharmaceuticals. Milk from individual animals and farms is combined into batches during initial processing, Traceability can be maintained through good practices, however this becomes increasingly complex as processed milk is used to make products such a dried milk powder, cheeses and butter where multiple batches of milk and milk products are combined from a range of sources – including milk from multiple countries. Further use of milk derivatives in multicomponent ingredients such as seasoning mixes ad coatings, or in complex products such as pizzas, ready meals or soups, provides increasing challenges in food chain traceability as the product moves through the food chain compartments.
Beef Burgers

Beef used in the manufacture of burgers comes from a combination of flanks, chuck and steak trim. At best the beef may all come from same supplier, but the supplier (slaughterhouse/steak cutting operation) will be drawing the live animals from a number of farms and farmers. These animals, in the best case, would be contract reared, and so there would be some control over the genetics, the feed, the geography, veterinary medications and so on. However, the beef may also come from multiple suppliers, maybe sourcing animals born, reared, and slaughtered in different countries. For the UK, this might mean UK and Ireland, but for some mainland Europe supplies, e.g. in Central Europe, may have cattle born in Poland, Italy, Czech, Slovakia, Germany, and/or Austria, being finished in another country, then slaughtered in a 3rd country, and the meat butchered (i.e. broken down from quarter carcass to cuts) in a 4th country.

This complex situation increases in scale when one looks at steak trim. This is generated when steaks are being cut (especially to specific weight for foodservice, such as 8oz sirloin steaks) and the steak is trimmed to weight. Steaks for retail would be trimmed for appearance, cutting off a bit of fat, or some gristle. The steak trimmed off is still good and wholesome, and can be used as raw material for a burger. For example, a ‘BEEF & BONE BURGER Super meaty prime steak trim flavoured with bone marrow. Topped with mayo, Applewood smoked cheddar, crisp lettuce and red onion chutney.’ (See recipe on website https://www.saracensheadsteakhouse.co.uk/’). The steaks may be cut, and the steak trim generated, at a separate company and/or location from where the animal is slaughtered. The slaughterhouses may be in different countries as already mentioned and they may be drawing supplies of cattle from more than 1 country. Beef cattle in the UK and Europe do not usually spend all their life on one farm. They are born and initially raised on one farm, and then “fattened” or finished on another.

Traceability within the beef burger supply chain can and does work, but it is complicated and there is not always the finesse in place needed. For example, a boning hall may trace by a shift or half day. Their traceability will be able to find which carcasses were deboned in that time and they will be able to connect that to the respective cattle identities at the slaughterhouse, but one can imagine that this can multiply the numbers of cattle likely to be involved. Better methods of traceability do exist and are being used more and more.

It would not be unrealistic to imagine that the meat for a burger would trace back to being sourced from at least 100-200 cattle, potentially more. As well as boning hall batch size, it is also the size of the batch at the burger manufacturer. If the grinder can take 3000 kg (not unusual), then that 3 tonnes is going to be sourced from more animals than the meat used in one batch for an 800kg grinder.

Note: traceability back to an individual animal only exists in countries where individual animal identification exists – as in the EU, as a result of the BSE crisis. This is not so in countries outside the UK/EU. This would not present a big issue in countries which has feedlots and huge farms, but it would be an issue in others. This impact of batch size on traceability can also be seen in other industries especially where product is handled in bulk – for example silo’s and bulk storage for oilseeds, cereals, oils and powders.

Complex Food Product Case Studies

Multicomponent food products are understandably more complex. To provide insights into this situation, expanded details for two common, but more complex, products consumed in the UK have been provided in Annex 5 Gluten Free Smoked Haddock Fishcake with West Country Cheddar Cheese Sauce and Annex 6 Chilled Seasoned Aberdeen Angus Beefburger. Even a simple fishcake or burger made at home would use
several different types of fish or meat, and herbs such as parsley, spices such as black pepper and salt. The ingredients would be sourced from a number of countries from within and outside the UK, for example spices such as black pepper could originate from Vietnam, Indonesia, Brazil, Malaysia or India.

These case studies show the typical sourcing of components used to make the individual recipes, the associated data and evidence of compliance needed to assure these raw materials and the various interested parties and stakeholders related to each component in the recipe.

**Claims and Authenticity**

In Annex 5, the claims made relating to the product such as ‘gluten free’ and ‘West Country Cheddar’ will increase the need for assurance, and thus the need for generation of, and access to, evidence for compliance. Gluten free claims often require production batch data to verify compliance as products can be made on shared production equipment and lines. As an added complication to traceability challenges for our case study example, burgers are often made from a mixture of fresh and frozen meat. This is for two reasons – firstly to support processing control – the mincing process generates heat, so using frozen meat keeps the temperature at a level that is microbiologically, and technologically acceptable; and secondly from a supply situation to enable purchase of frozen meat at a time when price is attractive. As described above, the meat used in a burger could come from as many as 200 cattle. So verifying a claim that all the beef in a burger originates from Aberdeen Angus cattle becomes a challenging exercise based upon traceability records from multiple operators, which often includes brokers depending on the specific supply chain model in play.

Claims made relating to a variety of fruit/vegetables or breed of livestock/fish are common. A geographical / regional claim for an ingredient would usually only be verifiable through batch traceability – a time-consuming exercise routinely verified by ‘paper trail’ evidence of sourcing and often reliant on supplier’s say-so and technically difficult to independently verify. Fraud is sadly commonplace with respect to such claims, and tools for independent verification to assure authenticity is needed. New technology utilising DNA markers capable of distinguishing breeds in meat from pigs and cattle exists and work is underway to translate these still relatively costly tests into more routine assurance tools. Likewise, integration of a range of analytical tools are beginning to be employed to confirm the authenticity of varieties or rice, botanical extracts and honey. This would generate further types of analytical data which would need to be stored and shared for use in assurance.

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5 See reports from Defra Breed Verification Project (FA0125) 2014
9 Modern analytical techniques in the assessment of the authenticity of Serbian honey Dušanka Milojković Opsenica, Dražen Lušić, and Živoslav Tešić Arh Hig Rada Toksikol 2015;66:233-241 DOI: 10.1515/aiht-2015-66-2721 and
Summary
The details and examples presented in this report aim to provide the background information, context and insights to support the goals of global food security through development of relevant information architecture and application and re-application of technology and data analytics.

Despite the complexity of the global food supply chain ‘ecosystem’, a proposal has been developed to broadly compartmentalise it according to the types of activities being performed. Supply chain ‘maps’ have been created to identify the key stakeholders needed to form collaborative communities to work on improving the technological capability of food supply chain operators, their information systems and access to technology for analysis of food. Situational context (user skill levels, economic or geographical factors) could then be overlaid by stakeholders to ensure the needs are met for the diverse range of food chain operators across local, national, and international communities. Case studies can be identified by stakeholders considering the different food chain compartments and their data requirements to pressure test proposed applications and technologies and confirm their capability to provide value-add, economically viable, real-time and objective insights into the safety and authenticity status of food.

EC JRC Report No. SANTE / 2015/E3/JRC/SI2.706828 Scientific support to the implementation of a Coordinated Control Plan with a view to establishing the prevalence of fraudulent practices in the marketing of honey. Results of honey authenticity testing by liquid chromatography-isotope ratio mass spectrometry 2016
Annex 1 The Global Food System\textsuperscript{11}

\textsuperscript{11} https://www.futurelearn.com/courses/food-systems-southeast-asia/1/steps/107818 © Stockholm Environment Institute
Annex 2 Food Supply Chain Mapping

The food supply chain is composed of several compartments, but in essence consists of primary producers who plant & grow or ‘harvest’ from ground/field/water to ‘feed’ the supply chain with foodstuffs which can then undergo a variety of stages before being made available to the final consumer through a range of sales channels. The further stages will involve differing degrees of processing or manufacturing and combination of foods into increasingly complex food products. For example, where foodstuffs are only either packaged and made “fit for consumption” / “fit to travel” without changing the essential nature of the food it could be called primary processing e.g. washed whole carrots, or cleaned/gutted whole trout. Secondary processing would change the foods physical state into a form which can then be used as an ingredient or sold as a final product directly to consumers such as grated or diced carrot, and fillets of fish. Manufacturing would create more processed products which have undergone treatments such as milling, baking, or fermentation to add value to them creating food products such as flour, sausages, beer etc. which would usually undergo further cooking or processing by consumers. Secondary manufacturing would produce complex products which are often ready to eat and/or heat by consumers such as sandwiches, breakfast cereals, ready meals, etc. examples are provided in the tables below. The transport and distribution of foods and food products along the food supply chain between sites owned by the same operator and between operators can be done by a variety of operators involving road, rail, sea and/or air transport. Operators selling foodstuffs to the final consumer are very varied in size, scope and mode of operation, from farm shops where primary producers sell at point of ‘harvest’ to multi-national retail and food service outlets and to home delivery. A non-exhaustive list is provided in the tables below.

Allied / Service Industries

The food chain also include a variety of industries which are related or ‘allied’ to each food chain compartment, providing the various inputs required for that compartment to operate, including supply of raw materials, utilities, staffing, transport or provision of supporting technical and business services. Typical allied industries are listed against each food chain compartment to illustrate the diversity and complexity of engagements.
<table>
<thead>
<tr>
<th>Supply Chain Compartment</th>
<th>Description</th>
<th>Allied / Service Industries</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Land Management</strong></td>
<td>Forestry, mining, leisure/tourism, urban, transport incl. rail, road, canals</td>
<td>Agronomists, Environmental / geological scientists - Water management (irrigation/quality), Location (contamination from adjacent) or run-off, Previous land use, Trace metals, Conservation / Wildlife, Public access, Game shooting rights</td>
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<tr>
<td><strong>Primary Production</strong></td>
<td>Operators who plant &amp; grow or ‘Harvest’ from the ground/field/water</td>
<td>Veterinarians, Animal nutritionists, Agronomists, Agricultural engineers - Farm quality assurance, Water quality (fish farming), Oxygen (fish farming), Pest control</td>
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<td></td>
<td>Includes: ‘Farming’ – Livestock, Fishing, Insects (as meat alternatives and as additives e.g. cochineal), Arable, Herbs and spices, Sugar beet/cane, Mushrooms/Fungi, Honey, Sprouted seeds, Foraging (e.g. sloes, Yarg nettles, truffles), Hunting (e.g. game, fish), Mining – Salts, Chalk, Additives e.g. Au, Ag, etc. Extracts – Yeast, Enzymes (esp. rennet), Isinglass, Caviar, Gases e.g. N₂, CO₂</td>
<td>Transport – feed, materials etc., Utilities supply (Water / electric / fuel), Waste removal</td>
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<td></td>
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<td>Supplies – Feed, agrochemicals, cleaning chemicals, laundry</td>
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<td>Materials - Ingredients / additives / flavourings, processing aids / enzymes, Packaging - Closures/caps, form fill, formed, glass bottles, sleeves, labels, outsers (card and plastics), pallets, wrap, printing inks</td>
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<td>Cleaning chemicals</td>
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<td>Utilities – Water, Electricity, Fuel: Gas / Oil</td>
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<td>Waste treatment / Biomass</td>
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<td>Site Services - Engineering/Maintenance, Waste collection/disposal, Pest control, Water monitoring, Analytical testing / calibration laboratories, Laundry</td>
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<td>Business Services – Legal, Insurance, Finance, PR/Marketing, Assurance / Certification, Project management</td>
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<td>Agents &amp; Brokers - Import/Export, Distributors, Wholesalers</td>
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<td>Supply Chain Compartment</td>
<td>Description</td>
<td>Allied / Service Industries</td>
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</table>
| Primary Processing       | Package and make product “fit for consumption” / “fit to travel” without changing its nature, even if just washing or heating  
Includes:  
Meat - Slaughter Houses, Cutting facilities  
Fish/Shellfish – Gut, Clean  
Shellers/Cleaners & Millers - Whole/Pieces, Flour, Flakes (Cereals, Nuts, Herbs, Spices)  
Packaging Houses – Produce (e.g. apples, lettuce, new potatoes), Eggs, Water, Milk (Unless raw, then processing changes nature) | Building Infrastructure – Buildings, Flooring, Surfaces (walls, floors, ceilings), doors/windows, fixtures and fittings (lighting, electrics, plumbing, drains, barriers, signage), Storage (racking, silos), HVAC / Air Conditioning, Refrigeration  
Production Engineering – Cooking, Cooling, Forming, Blending/Mixing, Conveyors, Packing, Pallet wrapping |
| Primary Manufacturing    | Combining primary and secondary processed products which then have value added to them  
Includes:  
Meat/Fish/Shellfish – Cooked, Sausages (Raw and Cooked), Burgers  
Beverages – Wine, Cider, Beer, Milk Drinks, Carbonates, Juices, Squashes/cordials  
Blending Houses – Flour, Starches, Herbs and Spices, Colourings  
Produce – Cooked, Assembled  
Oils/Fats – Butter, Margarine, Oils, Cream  
Blocked and Formed Products – Marzipan, Pastries, Icing | Plant Equipment - Fork Lift Trucks / Lifting Equipment, Ladders / Cherry-pickers, Cleaning equipment / Bins, Workwear / Personal protective equipment, Temperature Probes, Detectors: Metal, X-ray, Optisort etc.), Scales and Balances, Printers – and associated chemicals  
Office Equipment  
Information Technology - Software, hardware, network, servers  
Transport / Logistics - Own fleet/contract, Fleet Machinery, Fleet fuel, Own storage/contract  
Transport Infrastructure – Road / rail / air / sea, Storage & Transport Depots, Customs holding points & Checkpoints  
Recruitment Agencies – Temporary, Permanent, Seasonal |
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<th>Supply Chain Compartment</th>
<th>Description</th>
<th>Allied / Service Industries</th>
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<td><strong>Secondary Processing</strong></td>
<td>Change the product’s initial physical state, which can then be used as an ingredient, or final product for retail sale</td>
<td>Building Infrastructure – Buildings, Flooring, Surfaces (walls, floors, ceilings), doors/windows, fixtures and fittings (lighting, electrics, plumbing, drains, barriers, signage), Storage (racking, silos), HVAC / Air Conditioning, Refrigeration</td>
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<td>Includes:</td>
<td>Production Engineering – Cooking, Cooling, Forming, Blending/Mixing, Conveyors, Packing, Pallet wrapping</td>
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<td>Meat – Cure, Bone, Slicers, Mincers</td>
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<td>Fish/Shelfish - Fillet/Shuck, Smoke</td>
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<td>Produce/Herbs &amp; Spices – Peel, Chop/Slice, Puree</td>
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<td>Dairy - Semi-skimmed milk, Cheese, Yoghurt</td>
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<td>Refineries - Fats and Oils, Starches, Stabilisers</td>
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<td>Other - Egg (liquid and dried yolk, white, whole)</td>
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<td><strong>Secondary Manufacturing</strong></td>
<td>Produce food product for consumer ready to eat and/or heat</td>
<td>Plant Equipment - Fork Lift Trucks / Lifting Equipment, Ladders / Cherry-pickers, Cleaning equipment / Bins, Workwear / Personal protective equipment, Temperature Probes, Detectors: Metal, X-ray, Optisort etc.), Scales and Balances, Printers – and associated chemicals</td>
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<td>Includes:</td>
<td>Office Equipment</td>
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<td>Meat - Ready Meals, Sausage Rolls, Quiches, Pies, Canned meat</td>
<td>Information Technology - Software, hardware, network, servers</td>
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<td>Fish &amp; Seafood - Ready Meals, Coated, Topped</td>
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<td>Poultry &amp; Eggs - Ready Meals, Coated, Cooked</td>
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<td>Sugar Processors - Peel/ Pulp/ Crystallize, Colour/ Mill</td>
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<td>Produce – Pies, Canned Vegetables, Prepared Salads</td>
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<td>Dairy - Cheese with inclusions, Processed cheese, Flavoured yoghurt / fromage frais</td>
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<td>Bakery – Bread, Cakes, Biscuits</td>
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<td>Grocery - Breakfast Cereals, Condiments, Soups/Sauces, Stocks/Gravies, Jams/Conserves, Pickles/Chutneys</td>
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<td>Convenience Foods - Pies/Ready meals, Desserts, Ice cream, Confectionery, Crisps and Snacks Sandwiches/Wraps</td>
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<td>Transport / Logistics - Own fleet/contract, Fleet Machinery, Fleet fuel, Own storage/contract</td>
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<td>Transport Infrastructure – Road / rail / air / sea, Storage &amp; Transport Depots, Customs holding points &amp; Checkpoints</td>
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<td>Recruitment Agencies – Temporary, Permanent, Seasonal</td>
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<td>Supply Chain Compartment</td>
<td>Description</td>
<td>Allied / Service Industries</td>
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<tr>
<td>Distribution</td>
<td>Transport and distribute foods along the food supply chain between sites owned by the same operator and between operators</td>
<td>Building Infrastructure – Buildings, Flooring, Surfaces (walls, floors, ceilings), doors/windows, fixtures and fittings (lighting, electrics, plumbing, drains, barriers, signage), Storage (racking, silos), HVAC / Air Conditioning, Refrigeration</td>
</tr>
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<td>In the UK wholesale distributors transport foodstuffs from each compartment in the food chain to depots and on to retail and foodservice outlets (from FWD figures representing ~85% of food distribution sector) - Depot operations sites 53,270, HQ operations sites 6,110, FTE employees 47,800</td>
<td>Plant Equipment - Fork Lift Trucks / Lifting Equipment, Ladders / Cherry-pickers, Cleaning equipment / Bins, Workwear / Personal protective equipment, Temperature Probes, Detectors: Metal, X-ray, Optisort etc.), Scales and Balances, Printers – and associated chemicals</td>
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<td>Office Equipment</td>
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<td>Information Technology - Software, hardware, network, servers</td>
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<td>Transport / Logistics - Own fleet/contract, Fleet Machinery, Fleet fuel, Own storage/contract</td>
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<td>Transport Infrastructure – Road / rail / air / sea, Storage &amp; Transport Depots, Customs holding points &amp; Checkpoints</td>
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<td>Recruitment Agencies – Temporary, Permanent, Seasonal</td>
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<td>Supply Chain Compartment</td>
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<td>Allied / Service Industries</td>
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<td><strong>Sales Channels</strong></td>
<td>Operators selling foodstuffs to the final consumer are very varied in size, scope and mode of operation, from farm shops where primary producers sell at point of ‘harvest’ to multi-national retail and food service outlets and to home delivery. Includes: Retail – Multiples, Freezer Centres, Markets, Convenience Stores, Concessions, Petrol Stations, Specialist shops (e.g. fishmongers, butchers, greengrocers), Delicatessens, Farm Shops, Farmers Markets, Pick Your Own, Van Sales (e.g. travelling shops, fishmongers, milkman), Mail order / Home delivery, Vending Wholesale - Cash &amp; Carry (Trade, Food Service and Retail, Membership), Specialists (Ethnic, Specialist Ingredients), Wholesale Markets Food Service - Retail: coffee shops, sandwich bars, bakery stores, supermarket cafes, Travel: roadside, petrol forecourts, railway stations, airports, ports, Leisure: sports clubs, event catering, stadia, visitor attractions, entertainment venues, Hotels: full service, budget, guest houses, holiday parks, conference centres, Pubs and bars: branded and managed, tenanted and leased, independent, social clubs, nightclubs, Restaurants: fine dining, independent, fast food outlets, street food / van sales (e.g. burgers, sandwiches, hot food/drinks), Contract catering for business: contracted, in-house Contract catering for public sector: defence, justice, healthcare, local authorities, oil rigs, education</td>
<td>Building Infrastructure – Buildings, Flooring, Surfaces (walls, floors, ceilings), doors/windows, fixtures and fittings (lighting, electrics, plumbing, drains, barriers, signage), Storage (racking, silos), HVAC / Air Conditioning, Refrigeration Plant Equipment - Fork Lift Trucks / Lifting Equipment, Ladders / Cherry-pickers, Cleaning equipment / Bins, Workwear / Personal protective equipment, Temperature Probes, Detectors: Metal, X-ray, Optisort etc.), Scales and Balances, Printers – and associated chemicals Office Equipment Information Technology - Software, hardware, network, servers Transport / Logistics - Own fleet/contract, Fleet Machinery, Fleet fuel, Own storage/contract Transport Infrastructure – Road / rail / air / sea, Storage &amp; Transport Depots, Customs holding points &amp; Checkpoints Recruitment Agencies – Temporary, Permanent, Seasonal</td>
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</table>
External Interfaces
There are also a range of service providers and agencies who engage with the food supply chain to provide external input, advice and scrutiny in a range of capacities – see below list. For these groups to effectively engage and provide relevant input, guidance and influence they need to be able to obtain and share information with all the various food supply chain compartments and their allied industries.

**External Consultants** - Technical Specialists, Food safety, Health & safety, Business, Sales/Marketing/PR

**Training Providers** – Private, Public, Further / Higher Education, National Skills Academy Network, AFTP (Agri Food Training Partnership)

**Research/Innovation** - UK Research and Innovation, Institutes, Consultants

**External Support Bodies** - LEPs (Local enterprise partnerships), Chambers of Commerce, Trade Bodies and Associations, DIT (Department for International Trade)

**Enforcement Agencies** - Food Standards Agencies (FSA in England, NI, and Wales, FSS in Scotland), Department for Environment, Food and Rural Affairs (DEFRA) and devolved administrations in Wales, Northern Ireland and Scotland, Environment Agency, Department of Health, Health and Safety Executive, Local Authorities, Port Health Authorities

The food supply chain also have a range of outputs whereby they provide information to consumers, their employees and their suppliers / service providers. Consumer communication is usually done via advertising and marketing on radio, TV, in print, social media, and on websites, or through promotions and sponsorship / endorsement at local, national, and international level found on pack, in store, on line, and on promotional materials. They can also make direct claims on pack, in store, and on line. Supplier and service provider communication is done via business to business communications, contracts and service agreements, and can include a range of corporate social responsibility and company policy requirements covering environmental sustainability (waste reduction; revalorisation, and recycling; energy / water use efficiency, etc.), equality/equity (working wage; discrimination; disability access etc.) and food safety.
Annex 3 Assurance and Certification

Many compartments across the food supply chain have standards generated defining the expected practices to ensure compliance to defined requirements for food safety, quality, environmental sustainability, provenance and/or ethical trading. These can be developed by regulatory authorities, industry or special interest groups either individually or in collaboration. Government regulators own and manage those standards which are captured within regulatory requirements such as EU quality marks PDO, PGI and TSG\(^\text{12}\) and claims that food is organic\(^\text{13}\). Assurance schemes own and continually improve the voluntary third party standards content and provide day-to-day management support. An extensive review of third party assurance schemes has recently been completed for the UK Food Standards Agency to identify and evaluate third party assurance schemes currently active in the food supply chain, reviewing their scope and suitability for recognition and consideration when determining the risk presented by a food operation and the degree of enforcement scrutiny and frequency of inspection required.\(^\text{14}\) The table below provides examples of the types of standards / assurance schemes being applied in various sections of the food chain. These can be 1\(^{st}\) party standards developed by a retailer for example for their own supply chain, or 2\(^{nd}\) party standards developed by an external body for a specific purpose, e.g. Fairtrade, Rainforest Alliance. Third party certification is usual practice to provide a degree of independence and separation between the party being assessed for compliance to a defined standard, the party who generated the standard and the conformance assessor.

Compliance to a standard is usually assessed by a third party certification body either to assure the competency of individuals, businesses or parts of business operations to carry out a particular service, to confirm food safety management systems are in place pertinent to the activities being performed, to confirm particular unethical practices are absent such as child / slave labour, or to confirm positive beneficial activities are actively implemented such as animal welfare, avoidance of agrochemical use, recycling or environmental support for biodiversity. Certification bodies and their auditors carrying out audit to confirm conformance to a standard are subject to certification to ensure their independence and competence through standards such ISO 17065 to

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\(^{12}\) Protected designated origin (PDO), protected geographical indication (PGI) and traditional speciality guaranteed (TSG) are EU quality marks which aim to protect and promote products with unique characteristics linked to their geographical origin as well as traditional know-how. [https://ec.europa.eu/info/food-farming-fisheries/food-safety-and-quality/certification/quality-labels/quality-schemes-explained_en](https://ec.europa.eu/info/food-farming-fisheries/food-safety-and-quality/certification/quality-labels/quality-schemes-explained_en)

\(^{13}\) EU organic farming and regulatory requirements [https://ec.europa.eu/agriculture/organic/eu-policy/eu-legislation_en](https://ec.europa.eu/agriculture/organic/eu-policy/eu-legislation_en)

\(^{14}\) Assessment and comparison of third party assurance schemes in the food sector: Towards a common framework Final report for the Food Standards Agency CR2435 R2 V8 produced by Greenstreet Berman Ltd for the UK Food Standards Agency [https://www.food.gov.uk/sites/default/files/media/document/835-1-1534_GSB_CR2435_3rd_Party_Assurance_Scheme_R2_V8_FCA.pdf](https://www.food.gov.uk/sites/default/files/media/document/835-1-1534_GSB_CR2435_3rd_Party_Assurance_Scheme_R2_V8_FCA.pdf)
assure independence, impartiality and confidentiality, and ISO/IEC 17020 addressing requirements for the operation of various types of bodies performing inspection. Analytical testing laboratories used for the generation of test data relating to foodstuff regulatory compliance and/or safety would be expected to be accredited/certified to ISO/IEC 17025 which specifies the general requirements for the competence of testing and calibration laboratories and expects them to have quality management systems in place.

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<tr>
<th>Type of Assurance / Certification</th>
<th>Farm/Sea</th>
<th>Primary Storage &amp; Distribution e.g. Grainstore</th>
<th>Agents &amp; Brokers</th>
<th>Primary Process e.g. Slaughter house, vegetable/fruit packhouse</th>
<th>Secondary Storage &amp; Distribution</th>
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<th>Packaging</th>
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| Quality and Food Safety Management Systems | ISO9001  
Global GAP standards e.g. GlobalGAP, Canada GAP, Global Aquaculture Alliance  
UK farm/dairy assurance e.g. Assured Food Standards (Red Tractor), Quality Meat Scotland (OMS), Farm Assured Welsh Livestock (FAWL), Northern Ireland Beef/Lamb Farm Quality Assured Scheme (NIBLFQAS), National Dairy Farm Assured Scheme and the Genesis Quality Assurance (GQA) standard. | ISO9001  
Global GAP standards e.g. GlobalGAP  
IFS Logistics  
UK farm/dairy assurance e.g. Assured Food Standards (Red Tractor)  
Customer specific e.g. M+S Field To Fork | ISO9001  
GFSI e.g. BRC, IFS, SQF, PrimusGFS, FSSC22000 | ISO22000  
GFSI e.g. BRC, IFS, SQF, PrimusGFS, FSSC22000  
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Annex 4 Maize products

Maize (*Zea mays*) is a staple food in many countries and used as a versatile source for the manufacture of a range of different ingredients used across many different food and feed products. There are several major routes for maize processing leading to specific products. In wet milling the maize kernels are steeped and separated out into germ, bran, starch and gluten. The germ goes on through further processing to produce oil and corn germ meal, and the bran goes for animal feed. The starch can be dried and used as corn starch, fermented to produce bioethanol or sent for refining into syrup where it can be further refined into dextrose and high fructose corn syrup. In dry milling of the whole corn kernels, germ and bran can be generated for further processing, as well as a range of meals, flours and grits of varying particle size for use in multiple food products such as bakery, breakfast cereals and snacks, in animal feed and in a range of industrial products such as adhesives, cosmetics, soaps and pharmaceuticals.

An overview of the types of maize products and their uses in leading to a range of different products and uses (see Figure 1 and articles by Paasche 2012 and Gwirta and Garcia-Casal 2014). A safety issue such as contamination or cross-contamination could therefore end up in literally thousands of types of products across multiple industry sectors, with the scale and impact depending on the point at which it occurs in the supply chain.

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15 The many, many uses for corn By CECILIA PAASCHE August 27, 2012 in Fortune Magazine
Figure 1 Uses of Maize (Corn) Products

Corn poster created by Iowa State University Center for Crops Utilization Research
Annex 5 Milk products

Milk is also a staple food and provides an important source of nutrients. Milk is processed in a variety of ways to create a range of dairy products which are consumed directly, or used as ingredients in food, animal feed, as well as pharmaceuticals and cosmetics. See Figure 2 Milk Products. The widespread use of dairy ingredients in food is another example where issues affecting milk and dairy products would result in significant impact on the food chain.

Figure 2 Milk Products
Annex 6 Case Study - Gluten Free Smoked Haddock Fishcake with West Country Cheddar Cheese Sauce

Fish
- Smoked Haddock
- Minced Smoked Haddock

West Country Cheddar Cheese Sauce
- Maltodextrin
- Modified starch
- Yeast extract
- Cheddar cheese powder
- Salt
- Sunflower oil
- Milk

Coating
- Rice flour
- Maize flour
- Potato starch
- Gram flour
- Salt
- Raising agents
  + Rapeseed oil

Other Ingredients
- Dried potato
- Parsley
- Black pepper

PROCESS

Packaging
- Top web & base web
- Labelling

FINISHED PRODUCT

SOURCING

<table>
<thead>
<tr>
<th></th>
<th>Fish</th>
<th>Cheddar Cheese sauce</th>
<th>Coating</th>
<th>Other Ingredients</th>
<th>Process</th>
<th>Packaging</th>
<th>Finished Product</th>
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</thead>
<tbody>
<tr>
<td>Chill direct from fish</td>
<td>Direct Agents + Brokers</td>
<td>Coating &amp; oil suppliers</td>
<td>Mostly agents/brokers</td>
<td>NA</td>
<td>Direct</td>
<td>NA</td>
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<tr>
<td>Frozen bought via</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>brokers</td>
<td></td>
<td></td>
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### ASSOCIATED DATA / EVIDENCE OF COMPLIANCE

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<th>Cheddar Cheese sauce</th>
<th>Coating</th>
<th>Other Ingredients</th>
<th>Process</th>
<th>Packaging</th>
<th>Finished Product</th>
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<td>Supplier certification</td>
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<td>Source – Geography</td>
<td>Recipe - % cheese</td>
<td>Bulk ingredients</td>
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<td>Temperatures</td>
<td>Food contact / migration</td>
<td>Gluten free claim</td>
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<td>Source, traceability</td>
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<td>Purity / Authenticity</td>
<td>Process time</td>
<td>Same as used in shelf-life testing</td>
<td>Visual</td>
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<td>Traceability esp. minced fish</td>
<td>Substitution / Dilution</td>
<td>Substitution / Dilution</td>
<td>Origin</td>
<td>Cooking</td>
<td>Right label - allergens, shelf-life, nutrition, claims</td>
<td>Taste</td>
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<tr>
<td>Sustainability status (MSC certification)</td>
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<td>Traceability</td>
<td>‘Proper dried potato’ re-constitution (substitution)</td>
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<td>Sealed</td>
<td>Shelf life</td>
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<td>Time from catch to smoking?</td>
<td>Veterinary residues</td>
<td>Contaminants e.g. mycotoxins, pesticides</td>
<td>Contaminants e.g. mycotoxins, pesticides</td>
<td>Gluten cross-contamination – shared line/equipment</td>
<td>Gluten cross-contamination – shared line/equipment</td>
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<td>Microbiology esp. Salmonella</td>
<td>Recipe</td>
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<td>Process contaminants from smoking e.g. PAHs</td>
<td>Cook time/temp</td>
<td>Oil quality (oxidation)</td>
<td>Size of herb flakes</td>
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<td>Oil Fatty acid profile</td>
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<td>Cookability</td>
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<td>Chilling</td>
<td></td>
<td>Cooking instructions</td>
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<td>Fresh/frozen</td>
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### INTERESTED PARTIES

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<td>Vets</td>
<td>Agents</td>
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<td>Agents</td>
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<td>Brokers</td>
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<td>Storage</td>
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<td>Trade Associations</td>
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<td>Transport</td>
<td>Certification Bodies</td>
<td>Temperature monitoring equipment</td>
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<td>Equipment suppliers</td>
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<td>Engineers</td>
<td>Certification Bodies</td>
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<td>Ports/Customs</td>
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</tbody>
</table>

18 Trade associations exist representing the interests of each actor in the food supply chain as well as the affiliated industries.

19 Certification Bodies certify primary producers, manufacturers, transport/distribution/storage organisations, calibration organisations and analytical testing laboratories.
Packaging
Top web and base web, time/date stamped with paper labelling on the individual product SKU (stock keeping unit).
In an outer cardboard shelf-ready case, with a label per case.
Cases will be supplied on pallets which will have pallet shrink wrap and a pallet label.

<table>
<thead>
<tr>
<th>Top web</th>
<th>Base web</th>
<th>Pack label</th>
<th>Shelf-ready carton</th>
<th>Case label</th>
<th>Pallet wrap</th>
<th>Pallet label</th>
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<tr>
<td>Flexible PET</td>
<td>Rigid formed PET</td>
<td>Paper</td>
<td>Corrugated board</td>
<td>Paper</td>
<td>LLDPE (linear low-density polyethylene)</td>
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<tr>
<td>(Polyethylene terephthalate)</td>
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## Annex 7 Case Study - Chilled Seasoned Aberdeen Angus Beefburger

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<th>Beef</th>
<th>Spices</th>
<th>Herbs</th>
<th>Other Ingredients</th>
<th>Process</th>
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<td>Steak Trim</td>
<td>Mace</td>
<td>Thyme</td>
<td>Onion Powder</td>
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<td>Rice Flour</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>Sodium Metabisulphite</td>
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<td></td>
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<td></td>
<td></td>
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</tbody>
</table>

**Sourcings:**
- Beef: Chill direct from slaughterhouse
- Spices: Mostly agents and brokers
- Herbs: Mostly agents and brokers
- Other Ingredients: Mostly agents and brokers
- Process: NA
- Packaging: Direct
- Finished product: NA
## ASSOCIATED DATA / EVIDENCE OF COMPLIANCE

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<th></th>
<th>Beef</th>
<th>Spices</th>
<th>Herbs</th>
<th>Other Ingredients</th>
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<td>Origin/Source – Geography</td>
<td>Origin/Source – Geography</td>
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<td>Traceability</td>
<td>Process time</td>
<td>Same packaging as in shelf-life test</td>
<td>Taste</td>
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<td>Purity / Authenticity</td>
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<td>Foreign bodies e.g. stones, stalks</td>
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## INTERESTED PARTIES

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<tr>
<td>DEFRA/FSA</td>
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</tbody>
</table>

²⁰ Trade associations exist representing the interests of each actor in the food supply chain as well as the affiliated industries.

²¹ Certification Bodies certify primary producers, manufacturers, transport/distribution/storage organisations, calibration organisations and analytical testing laboratories.
Annex 8 Food Chain Stakeholders

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<thead>
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<tr>
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</tr>
<tr>
<td>Analytical testing laboratories</td>
<td>Eurofins Scientific (Luxembourg)</td>
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<td>Analytical testing laboratories</td>
<td>FERA Science Ltd.</td>
</tr>
<tr>
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<td>RSSL</td>
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<td>Analytical testing laboratories</td>
<td>LGC</td>
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<td>Analytical testing laboratories</td>
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<td>Campden BRI</td>
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<td>Assurance / Certification</td>
<td>British Retail Consortium Standards</td>
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Annex 9 Food Chain Trade Associations / Representative Bodies

The table below contains a non-exhaustive list of groups representing the interests of food chain stakeholders across UK and wider Europe.


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<th>Organisation</th>
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<td>The Alliance for Beverage Cartons and the Environment</td>
<td>sector trade association</td>
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<td>AACC Intl</td>
<td>AACC International</td>
<td><a href="mailto:aacc@scisoc.org">aacc@scisoc.org</a></td>
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<tr>
<td>AAF</td>
<td>Association des Amidonniers et Féculiers</td>
<td><a href="mailto:aaf@aaf-eu.org">aaf@aaf-eu.org</a></td>
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<tr>
<td>AAF European Starch Manufacturers Association</td>
<td><a href="http://www.starch.eu">www.starch.eu</a></td>
<td><a href="http://www.starch.eu">www.starch.eu</a></td>
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<td>AAFCO</td>
<td>Association of American Feed Control Officials</td>
<td><a href="mailto:aaftco@aaftco.org">aaftco@aaftco.org</a></td>
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<tr>
<td>ACE</td>
<td>The Alliance for Beverage Cartons and the Environment</td>
<td><a href="http://www.ace.be">www.ace.be</a> and <a href="http://www.ace-uk.co.uk">www.ace-uk.co.uk</a></td>
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<td>ACF International</td>
<td>Action Contre la Faim</td>
<td><a href="mailto:cbienfait@actioncontralafram.org">cbienfait@actioncontralafram.org</a></td>
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<td>ACP Group</td>
<td>African, Caribbean and Pacific Group of States</td>
<td><a href="mailto:info@acpsec.org">info@acpsec.org</a></td>
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<td>AEDA/EFLA</td>
<td>Association européenne pour le droit de l’alimentation</td>
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<tr>
<td>AESGP</td>
<td>Association of the European Self-Medication Industry</td>
<td><a href="mailto:info@aesgp.be">info@aesgp.be</a></td>
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<td>AfricaRice</td>
<td>Africa Rice Center</td>
<td><a href="mailto:s.mohapatra@cgiar.org">s.mohapatra@cgiar.org</a></td>
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<td>African Groundnut Council</td>
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<td>AHPA</td>
<td>American Herbal Products Association</td>
<td><a href="mailto:contact@ahpa.org">contact@ahpa.org</a></td>
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<tr>
<td>AIDGUM</td>
<td>Association internationale pour le développement des gommes naturelles</td>
<td><a href="mailto:o.bove@aidgum.com">o.bove@aidgum.com</a></td>
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<tr>
<td>AIDMO</td>
<td>Arab Industrial Development and Mining Organization</td>
<td><a href="mailto:id@aidmo.org">id@aidmo.org</a></td>
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<td>AIIBP/FAIBP</td>
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<td><a href="mailto:verbaendebuero@t-online.de">verbaendebuero@t-online.de</a></td>
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<td>AIJN - European Fruit Juice Association</td>
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<td>The European Brands Association</td>
<td><a href="http://www.aim.be">www.aim.be</a></td>
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<td>AIPCE-CEP</td>
<td>Association des Industries du Poisson de l’U.E. and Comité des Organisations Nationales des Importateurs et Exportateurs de Poisson de l’U.E. - CEP</td>
<td><a href="mailto:aipce@agep.eu">aipce@agep.eu</a></td>
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<tr>
<td>AIPG</td>
<td>Association for International Promotion of Gums</td>
<td><a href="mailto:francis.thevenet@orange.fr">francis.thevenet@orange.fr</a></td>
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<td>ALA</td>
<td>Asociación Latinoamericana de Avicultura</td>
<td><a href="mailto:ala@avicolatina.com">ala@avicolatina.com</a></td>
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<td>ALADI</td>
<td>Asociación Latinoamericana de Integración</td>
<td><a href="mailto:secgrel@aladi.org">secgrel@aladi.org</a></td>
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<tr>
<td>ALINA</td>
<td>The Latinamerican Association of the National Agrochemical Industries</td>
<td><a href="mailto:info@alinainternacional.org">info@alinainternacional.org</a></td>
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<td>American Society of Baking (ASB)</td>
<td>serves the US baking sector and has a useful section, with information about hundreds of companies, including ingredient suppliers and equipment manufacturers...</td>
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<td>AMFEP</td>
<td>Association of Manufacturers and Formulators of Enzyme Products</td>
<td><a href="mailto:amfep@agep.eu">amfep@agep.eu</a></td>
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<tr>
<td>ANIA - Association Nationale des Industries Alimentaires</td>
<td>national food and drink trade association</td>
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<td>AOAC International</td>
<td>AOAC International</td>
<td><a href="mailto:ameiklejohn@aoac.org">ameiklejohn@aoac.org</a></td>
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<td>AOAD</td>
<td>Arab Organization for Agricultural Development</td>
<td><a href="mailto:info@aoad.org">info@aoad.org</a></td>
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<td>AOCS</td>
<td>American Oil Chemists' Society</td>
<td><a href="mailto:general@aocs.org">general@aocs.org</a></td>
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<td>AOECS</td>
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<td>Asian and Pacific Coconut Community</td>
<td><a href="mailto:apcc@indo.net.id">apcc@indo.net.id</a></td>
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<td>Fédération internationale des associations d'apiculture</td>
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<td>Association of Southeast Asian Nations</td>
<td><a href="mailto:public@asean.or.id">public@asean.or.id</a></td>
</tr>
<tr>
<td>ASN</td>
<td>American Society for Nutrition</td>
<td><a href="mailto:sohlhorst@nutrition.org">sohlhorst@nutrition.org</a></td>
</tr>
<tr>
<td>Association of Bakery Ingredients Manufacturers (ABIM)</td>
<td>The Association of Bakery Ingredient Manufacturers (abim) represents and promotes the common interests of UK companies who manufacture and supply a wide range of quality ingredients to the baking industry.</td>
<td><a href="http://www.abim.org.uk">www.abim.org.uk</a></td>
</tr>
<tr>
<td>Association of Cereal Food Manufacturers (ACFM)</td>
<td>ACFM represents the interests of all major manufacturers of breakfast cereal products in the UK. ACFM is a member of the European Breakfast Cereal Association (CEEREAL).</td>
<td><a href="http://www.breakfastcereal.org">www.breakfastcereal.org</a></td>
</tr>
<tr>
<td>Association of Labour Providers (ALP)</td>
<td>The Association of Labour Providers (ALP) is the trade association for labour providers to the food and drink industry...</td>
<td><a href="http://www.labourproviders.org.uk">www.labourproviders.org.uk</a></td>
</tr>
<tr>
<td>AU</td>
<td>African Union</td>
<td><a href="mailto:john.oppong-otoo@au-ibar.org">john.oppong-otoo@au-ibar.org</a></td>
</tr>
<tr>
<td>BEUC</td>
<td>Bureau Européen des Unions de Consommateurs</td>
<td><a href="mailto:Food@beuc.eu">Food@beuc.eu</a></td>
</tr>
<tr>
<td>BIO</td>
<td>Biotechnology Industry Organization</td>
<td><a href="mailto:cnesbitt@bio.org">cnesbitt@bio.org</a></td>
</tr>
<tr>
<td>BIPM</td>
<td>Bureau International des Poids et Mesures</td>
<td><a href="mailto:rwielgosz@bipm.org">rwielgosz@bipm.org</a></td>
</tr>
<tr>
<td>BLL &amp; BVE - Bund für Lebensmittelrecht und Lebensmittelkunde &amp; Bundesvereinigung der Deutschen Ernährungsindustrie</td>
<td>national food and drink trade association Germany</td>
<td><a href="http://www.bll.de">www.bll.de</a></td>
</tr>
<tr>
<td>Brewing, Food and Beverage Industry Suppliers Association</td>
<td>The international trade association representing the entire value chain supplying the food &amp; drink industry worldwide.</td>
<td><a href="http://www.bfbi.org.uk">www.bfbi.org.uk</a></td>
</tr>
<tr>
<td>British Aerosol Manufacturers' Association (BAMA)</td>
<td></td>
<td><a href="http://www.bama.co.uk">www.bama.co.uk</a></td>
</tr>
<tr>
<td>British Brands Group</td>
<td></td>
<td><a href="http://www.britishbrandsgroup.com/">www.britishbrandsgroup.com/</a></td>
</tr>
<tr>
<td>Organisation</td>
<td>Details</td>
<td>Website / Email</td>
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<tr>
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</tr>
<tr>
<td>British Cheese Board</td>
<td>The British Cheese Board is the voice of British cheese and is dedicated to educating the British public about eating cheese as part of a balanced diet.</td>
<td><a href="http://www.britishcheese.com">www.britishcheese.com</a></td>
</tr>
<tr>
<td>British Compressed Gases Association (BCGA)</td>
<td>To promote the safe application and use of industrial, medical and food gases.</td>
<td><a href="http://www.bcga.co.uk">www.bcga.co.uk</a></td>
</tr>
<tr>
<td>British Contract Manufacturers and Packets Association</td>
<td></td>
<td><a href="http://www.bcmpa.org.UK/">www.bcmpa.org.UK/</a></td>
</tr>
<tr>
<td>British Food Importers &amp; Distributors Association (BFIDA)</td>
<td></td>
<td><a href="mailto:foodimporters@aol.com">foodimporters@aol.com</a></td>
</tr>
<tr>
<td>British Frozen Food Federation (BFFF)</td>
<td>BFFF is the UK’s frozen food trade association with a unique and substantial membership covering the entire cold chain.</td>
<td><a href="http://www.bfff.co.uk">www.bfff.co.uk</a></td>
</tr>
<tr>
<td>British Herb Trade Association (BHTA)</td>
<td></td>
<td><a href="http://www.bhta.org.UK">www.bhta.org.UK</a></td>
</tr>
<tr>
<td>British Hospitality Association</td>
<td>The association representing the hotel, restaurant and catering industry. One of the foodlink partners</td>
<td><a href="http://www.bha-online.org.UK">www.bha-online.org.UK</a></td>
</tr>
<tr>
<td>British Measurement and Testing Association (BMTA)</td>
<td></td>
<td><a href="http://www.bmta.co.uk">http://www.bmta.co.uk</a></td>
</tr>
<tr>
<td>British Meat Processors Association</td>
<td>The BMPA is the professional organisation representing the interest of its members throughout the slaughtering, processing, manufacturing, wholesale distribution and packaging sectors of the meat industry</td>
<td><a href="http://www.bmpa.UK.com">www.bmpa.UK.com</a></td>
</tr>
<tr>
<td>British Nutrition Foundation</td>
<td>The site provides extensive educational resources covering all aspects of food and nutrition...</td>
<td><a href="http://www.nutrition.org.UK">www.nutrition.org.UK</a></td>
</tr>
<tr>
<td>British Oat and Barley Millers’ Association (BOBMA)</td>
<td>BOBMA represents the interests of oat and barley millers.</td>
<td>See <a href="http://www.fdf.org.uk">www.fdf.org.uk</a></td>
</tr>
<tr>
<td>British Pest Control Association (BPCA)</td>
<td>Trade association for the Pest Control Industry</td>
<td><a href="http://www.b">www.b</a> pca.org.UK</td>
</tr>
<tr>
<td>British Plastics Federation</td>
<td></td>
<td><a href="http://www.bpf.co.UK">www.bpf.co.UK</a></td>
</tr>
<tr>
<td>British Potato Council</td>
<td>a division of the Agriculture and Horticulture Development Board</td>
<td><a href="http://www.ahdb.org.uk">www.ahdb.org.uk</a></td>
</tr>
<tr>
<td>Organisation</td>
<td>Details</td>
<td>Website / Email</td>
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</tr>
<tr>
<td>British Poultry Council</td>
<td>trade association for producers of poultry meat from chickens, turkeys, ducks and geese, the Council addresses issues on all parts of the production chain: breeding, hatching, growing, and processing.</td>
<td><a href="http://www.britishpoultry.org.uk">www.britishpoultry.org.uk</a></td>
</tr>
<tr>
<td>British Printing Industries Federation (BPIF)</td>
<td>The trade body representing 90% of the retail industry, including large multiples, department stores and corner shops, as well as some foodservice</td>
<td><a href="http://www.britishprint.com/">http://www.britishprint.com/</a></td>
</tr>
<tr>
<td>British Retail Consortium (BRC)</td>
<td>The voice of the UK’s sandwich industry, the BSA sets technical standards, encourages innovation and excellence while providing a collective voice for UK sandwich makers.</td>
<td><a href="http://www.brc.org.uk">www.brc.org.uk</a></td>
</tr>
<tr>
<td>British Sandwich Association</td>
<td>Promotes the exchange of knowledge and experience between Members of the Baking and Related Industries</td>
<td><a href="http://www.sandwich.org.UK">www.sandwich.org.UK</a></td>
</tr>
<tr>
<td>British Society of Baking – BSB</td>
<td>The British Society of Baking represents the collective interests of producers and manufacturers of soft drinks.</td>
<td><a href="http://www.bsb.org.UK">www.bsb.org.UK</a></td>
</tr>
<tr>
<td>British Soft Drinks Association</td>
<td>The British Soft Drinks Association is the national trade association representing the collective interests of producers and manufacturers of soft drinks.</td>
<td><a href="http://www.britishsoftdrinks.com">www.britishsoftdrinks.com</a></td>
</tr>
<tr>
<td>British Specialist Nutrition Association Ltd (BSNA)</td>
<td>UK baby food, dietetic food, etc.</td>
<td>bsna.co.uk</td>
</tr>
<tr>
<td>British Starch Industry Association (BSIA)</td>
<td>BSIA represents the interests of the British starch industry on a wide range of issues of concern. BSIA is a member of the European Starch Manufacturers’ Association, AAF, which lobbies on behalf of the industry at EU level.</td>
<td>See <a href="http://www.fdf.org.uk">www.fdf.org.uk</a></td>
</tr>
<tr>
<td>C4CCES</td>
<td>Centre For Climate Change and Environmental Studies</td>
<td><a href="mailto:info@center4climatechange.com">info@center4climatechange.com</a></td>
</tr>
<tr>
<td>CAHFSA</td>
<td>Caribbean Agricultural Health and Food Safety Agency</td>
<td><a href="mailto:cahfsa14@gmail.com">cahfsa14@gmail.com</a></td>
</tr>
<tr>
<td>Organisation</td>
<td>Details</td>
<td>Website / Email</td>
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</tr>
<tr>
<td>CAN</td>
<td>Comunidad Andina</td>
<td><a href="mailto:contacto@comunidadandina.org">contacto@comunidadandina.org</a></td>
</tr>
<tr>
<td>CAOBISCO - Association of Chocolate, Biscuit and Confectionery Industries of the European Union</td>
<td>sector trade association</td>
<td><a href="http://www.caobisco.eu">www.caobisco.eu</a></td>
</tr>
<tr>
<td>CARICOM</td>
<td>Caribbean Community</td>
<td><a href="mailto:carisec1@caricom.org">carisec1@caricom.org</a></td>
</tr>
<tr>
<td>CCC</td>
<td>Calorie Control Council</td>
<td><a href="mailto:RDeVirgiliis@kellencompany.com">RDeVirgiliis@kellencompany.com</a></td>
</tr>
<tr>
<td>CCTA</td>
<td>Collagen Casings Trade Association</td>
<td><a href="mailto:info@collagencasings.org">info@collagencasings.org</a></td>
</tr>
<tr>
<td>CEEREAL - European Breakfast Cereal Association</td>
<td>sector trade association</td>
<td><a href="http://www.ceereal.eu">www.ceereal.eu</a></td>
</tr>
<tr>
<td>CEFIC</td>
<td>Conseil européen de l'industrie chimique</td>
<td><a href="mailto:MAP@cefic.be">MAP@cefic.be</a></td>
</tr>
<tr>
<td>CEFS</td>
<td>Comité européen des fabricants de sucre</td>
<td><a href="mailto:cefs@cefs.org">cefs@cefs.org</a></td>
</tr>
<tr>
<td>CELCAA</td>
<td>European Liaison Committee for the Agricultural and Agri-Food Trade</td>
<td><a href="http://www.celcaa.eu">www.celcaa.eu</a></td>
</tr>
<tr>
<td>CEN</td>
<td>Comité Européen de Normalisation</td>
<td><a href="mailto:infodesk@cenorm.be">infodesk@cenorm.be</a></td>
</tr>
<tr>
<td>CEN-SAD</td>
<td>Community of Sahelo-Saharan States</td>
<td><a href="mailto:censad_sg@yahoo.com">censad_sg@yahoo.com</a></td>
</tr>
<tr>
<td>CEPE</td>
<td>European Council of Paint, Printing Ink and Artists’ colours Industry</td>
<td><a href="http://www.cepe.org">www.cepe.org</a></td>
</tr>
<tr>
<td>CEPI Confederation of European Paper Industries</td>
<td>sector trade association</td>
<td><a href="http://www.cepi.org">www.cepi.org</a></td>
</tr>
<tr>
<td>Cereal Ingredient Manufacturers' Association (CIMA)</td>
<td>sector trade association</td>
<td>See <a href="http://www.fdf.org.uk">www.fdf.org.uk</a></td>
</tr>
<tr>
<td>CFNI</td>
<td>Caribbean Food and Nutrition Institute</td>
<td><a href="mailto:e-mail@cfni.paho.org">e-mail@cfni.paho.org</a></td>
</tr>
<tr>
<td>Chartered Institute of Environmental Health (CIEH)</td>
<td>The CIEH is an independent professional body representing those who work in environmental health and related disciplines whose primary function is the promotion of knowledge and understanding of environmental health issues</td>
<td><a href="http://www.cieh.org">www.cieh.org</a></td>
</tr>
<tr>
<td>Organisation</td>
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<td>Website / Email</td>
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</tr>
<tr>
<td>Chilled Food Association</td>
<td>The Chilled Food Association (CFA), represents some of best-known UK chilled food manufacturers. Its members supply major retailers with foods ranging from sandwiches to prepared salads, chilled prepared meals and desserts</td>
<td><a href="http://www.chilledfood.org">www.chilledfood.org</a></td>
</tr>
<tr>
<td>CI</td>
<td>Consumers International</td>
<td><a href="mailto:consint@consint.org">consint@consint.org</a></td>
</tr>
<tr>
<td>CIDCE</td>
<td>Centre International de Droit Comparé de l'Environnement</td>
<td><a href="mailto:secgen@cidce.org">secgen@cidce.org</a></td>
</tr>
<tr>
<td>CIIAA</td>
<td>Commission internationale des industries agricoles et alimentaires</td>
<td><a href="mailto:cia@wanadoo.fr">cia@wanadoo.fr</a></td>
</tr>
<tr>
<td>CITPA International Confederation of Paper and Board Converters</td>
<td>sector trade association</td>
<td></td>
</tr>
<tr>
<td>CLAM</td>
<td>Comité de liaison de l'agrumiculture méditerranéenne</td>
<td><a href="mailto:secretariatgeneral@clamcitrus.org">secretariatgeneral@clamcitrus.org</a></td>
</tr>
<tr>
<td>CLITRAVI</td>
<td>Centre de liaison des industries transformatrices de viandes de l'UE</td>
<td><a href="mailto:info@clitravi.eu">info@clitravi.eu</a></td>
</tr>
<tr>
<td>COCERAL</td>
<td>Comité du commerce des céréales, aliments du bétail, oléagineux, huiles et graisses et agrofournitures de l'Union Européenne</td>
<td><a href="mailto:secretariat@coceral.com">secretariat@coceral.com</a></td>
</tr>
<tr>
<td>COFALEC - Confederation of EU Yeast Producers</td>
<td>sector trade association</td>
<td><a href="http://www.cofalec.com">www.cofalec.com</a></td>
</tr>
<tr>
<td>COLEACP</td>
<td>Europe-Africa-Caribbean-Pacific Liaison Committee for the Promotion of Tropical Fruits, Off-Season Vegetables, Flowers, Ornamental Plants and Spices</td>
<td><a href="mailto:coleacp@coleacp.org">coleacp@coleacp.org</a></td>
</tr>
<tr>
<td>COMESA</td>
<td>Common Market for Eastern and Southern Africa</td>
<td><a href="mailto:comesa@comesa.int">comesa@comesa.int</a></td>
</tr>
<tr>
<td>COPA-COGECA</td>
<td>European Committee of Agricultural Producers and Cooperatives</td>
<td><a href="http://www.copa-cogeca.eu">www.copa-cogeca.eu</a></td>
</tr>
<tr>
<td>Organisation</td>
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<td>Website / Email</td>
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</tr>
<tr>
<td>COSAV</td>
<td>Comité Regional de Sanidad Vegetal del Cono Sur</td>
<td><a href="mailto:mares@mgap.gub.uy">mares@mgap.gub.uy</a></td>
</tr>
<tr>
<td>CPA</td>
<td>Cocoa Producers’ Alliance</td>
<td><a href="http://www.copal-cpa.org">www.copal-cpa.org</a></td>
</tr>
<tr>
<td>CPIA</td>
<td>Conseil phytosanitaire interafricain</td>
<td><a href="mailto:au-cpi@au-appo.org">au-cpi@au-appo.org</a></td>
</tr>
<tr>
<td>Craft Bakers Association</td>
<td>Craft Bakers Association - Offering advice, guidance and support to</td>
<td><a href="http://www.craftbakersassociation.co.UK">www.craftbakersassociation.co.UK</a></td>
</tr>
<tr>
<td></td>
<td>bakeries around the UK.</td>
<td></td>
</tr>
<tr>
<td>CRFM</td>
<td>Caribbean Regional Fisheries Mechanism</td>
<td><a href="mailto:secretariat@crfm.int">secretariat@crfm.int</a></td>
</tr>
<tr>
<td>CRN</td>
<td>Council for Responsible Nutrition</td>
<td><a href="mailto:hnguyen@crn-i.ch">hnguyen@crn-i.ch</a></td>
</tr>
<tr>
<td>Croplife International</td>
<td>Croplife International</td>
<td><a href="mailto:croplife@croplife.org">croplife@croplife.org</a></td>
</tr>
<tr>
<td>Culinaria Europe</td>
<td>Culinaria Europe e. V.</td>
<td><a href="mailto:info@culinaria-europe.eu">info@culinaria-europe.eu</a></td>
</tr>
<tr>
<td>Dairy UK</td>
<td>Dairy UK is the trade association for the British dairy supply chain.</td>
<td><a href="http://www.dairyUK.org">www.dairyUK.org</a></td>
</tr>
<tr>
<td>DairyCo</td>
<td>DairyCo is a levy-funded, not-for-profit organisation working on</td>
<td><a href="http://www.dairyco.org.UK">www.dairyco.org.UK</a></td>
</tr>
<tr>
<td></td>
<td>behalf of Britain’s dairy farmers.</td>
<td></td>
</tr>
<tr>
<td>DI – Fødevarer</td>
<td>national food and drink trade association Denmark</td>
<td><a href="http://www.foedevarer.di.dk">www.foedevarer.di.dk</a></td>
</tr>
<tr>
<td>DRC</td>
<td>Fruit and Vegetable Dispute Resolution Corporation</td>
<td><a href="mailto:LMougeot@fvdrc.com">LMougeot@fvdrc.com</a></td>
</tr>
<tr>
<td>EAC</td>
<td>East African Community</td>
<td><a href="mailto:eac@eachq.org">eac@eachq.org</a></td>
</tr>
<tr>
<td>EAPA</td>
<td>European Animal Protein Association</td>
<td><a href="mailto:info@eapa.biz">info@eapa.biz</a></td>
</tr>
<tr>
<td>ECA</td>
<td>European Cocoa Association</td>
<td><a href="mailto:catherine.entzminger@eurococoa.com">catherine.entzminger@eurococoa.com</a></td>
</tr>
<tr>
<td>ECE</td>
<td>Economic Commission for Europe</td>
<td><a href="mailto:info.ece@unece.org">info.ece@unece.org</a></td>
</tr>
<tr>
<td>ECF - European Coffee Federation</td>
<td>sector trade association</td>
<td><a href="http://www.ecf-coffee.org">www.ecf-coffee.org</a></td>
</tr>
<tr>
<td>ECLAC</td>
<td>Economic Commission for Latin America and the Caribbean</td>
<td><a href="mailto:dpisantiago@cepal.org">dpisantiago@cepal.org</a></td>
</tr>
<tr>
<td>ECMA European Carton Makers</td>
<td>sector trade association</td>
<td><a href="http://www.ecma.org">www.ecma.org</a></td>
</tr>
<tr>
<td>Association</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECOWAS</td>
<td>Economic Community of West African States</td>
<td><a href="mailto:bgnonlonfin74@gmail.com">bgnonlonfin74@gmail.com</a></td>
</tr>
<tr>
<td>ECU</td>
<td>European Committee for Umami</td>
<td><a href="mailto:Christian_Baz@aoc.ajinomoto.com">Christian_Baz@aoc.ajinomoto.com</a></td>
</tr>
<tr>
<td>EDA - European Dairy Association</td>
<td>sector trade association</td>
<td>eda.euromilk.org</td>
</tr>
<tr>
<td>Organisation</td>
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<tr>
<td>EEC</td>
<td>Eurasian Economic Commission</td>
<td><a href="mailto:batishev@eeecommission.org">batishev@eeecommission.org</a></td>
</tr>
<tr>
<td>EFBW - European Federation of Bottled Waters</td>
<td>sector trade association</td>
<td>efbw.org</td>
</tr>
<tr>
<td>EFEMA</td>
<td>European Food Emulsifier Manufacturers’ Association</td>
<td><a href="mailto:efema@ecco-eu.com">efema@ecco-eu.com</a></td>
</tr>
<tr>
<td>EFFA</td>
<td>European Flavour and Fragrance Association</td>
<td>effa.eu</td>
</tr>
<tr>
<td>EFFCA</td>
<td>European Food and Feed Cultures Association</td>
<td><a href="mailto:effca@agep.eu">effca@agep.eu</a></td>
</tr>
<tr>
<td>EFM</td>
<td>European Flour Millers</td>
<td><a href="mailto:secretariat@flourmillers.eu">secretariat@flourmillers.eu</a></td>
</tr>
<tr>
<td>ÉFOSZ - Élelmiszer-feldolgozók Országos Szövetsége</td>
<td>national food and drink trade association Hungary</td>
<td><a href="http://www.efosz.hu">www.efosz.hu</a></td>
</tr>
<tr>
<td>EFPRA</td>
<td>European Fat Processors and Renderers Association</td>
<td><a href="mailto:info@efpra.eu">info@efpra.eu</a></td>
</tr>
<tr>
<td>EFTA</td>
<td>European Free Trade Association</td>
<td><a href="mailto:mail.gva@efta.int">mail.gva@efta.int</a></td>
</tr>
<tr>
<td>EHPM</td>
<td>European Federation of Associations of Health Product Manufacturers</td>
<td><a href="mailto:info@ehpm.org">info@ehpm.org</a></td>
</tr>
<tr>
<td>EMPAC</td>
<td>European Metal Packaging Association</td>
<td><a href="http://www.empac.eu">www.empac.eu</a></td>
</tr>
<tr>
<td>ENA</td>
<td>Early Nutrition Academy</td>
<td><a href="mailto:berthold.koletzko@med.uni-muenchen.de">berthold.koletzko@med.uni-muenchen.de</a></td>
</tr>
<tr>
<td>ENCA</td>
<td>European Network of Childbirth Associations</td>
<td><a href="mailto:monique.fey@liewensufank.lu">monique.fey@liewensufank.lu</a></td>
</tr>
<tr>
<td>ENSA</td>
<td>European Natural Soyfoods Manufacturers Association</td>
<td><a href="mailto:Secretariat@ensa-eu.org">Secretariat@ensa-eu.org</a></td>
</tr>
<tr>
<td>ENSA - European Natural Soy and Plant-based Foods Manufacturers Association</td>
<td>sector trade association</td>
<td><a href="http://www.ensa-eu.org">www.ensa-eu.org</a></td>
</tr>
<tr>
<td>EPA</td>
<td>European Association of Polyol Producers (EPA)</td>
<td><a href="mailto:epa@ecco-eu.com">epa@ecco-eu.com</a></td>
</tr>
<tr>
<td>EPPO</td>
<td>European and Mediterranean Plant Protection Organization</td>
<td><a href="mailto:hq@eppo.fr">hq@eppo.fr</a></td>
</tr>
<tr>
<td>ERRT</td>
<td>The European Retail Round Table</td>
<td><a href="http://www.errt.org">www.errt.org</a></td>
</tr>
<tr>
<td>ESA - European Snacks Association</td>
<td>sector trade association</td>
<td><a href="http://www.esasnacks.eu">www.esasnacks.eu</a></td>
</tr>
<tr>
<td>ESA - European Spice Association</td>
<td>sector trade association</td>
<td><a href="http://www.esa-spices.org">www.esa-spices.org</a></td>
</tr>
<tr>
<td>Organisation</td>
<td>Details</td>
<td>Website / Email</td>
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</tr>
<tr>
<td>ESCAP</td>
<td>Economic and Social Commission for Asia and the Pacific</td>
<td><a href="mailto:webmaster@unescap.org">webmaster@unescap.org</a></td>
</tr>
<tr>
<td>ESCWA</td>
<td>Economic and Social Commission for Western Asia</td>
<td><a href="mailto:unescwa@escwa.org.lb">unescwa@escwa.org.lb</a></td>
</tr>
<tr>
<td>ESIG European Solvents Industry Group</td>
<td>sector trade association</td>
<td><a href="http://www.esig.org">www.esig.org</a></td>
</tr>
<tr>
<td>ESPGHAN</td>
<td>European Society for Paediatric Gastroenterology Hepatology and Nutrition</td>
<td><a href="mailto:office@espghan.org">office@espghan.org</a></td>
</tr>
<tr>
<td>ESSNA</td>
<td>European Specialist Sports Nutrition Alliance</td>
<td><a href="mailto:viviana@essna.com">viviana@essna.com</a></td>
</tr>
<tr>
<td>ETA</td>
<td>Enzyme Technical Association</td>
<td><a href="mailto:abegley@morganlewis.com">abegley@morganlewis.com</a></td>
</tr>
<tr>
<td>ETL - Eesti Toiduainetööstuse Liit</td>
<td>national food and drink trade association Estonia</td>
<td><a href="http://www.toiduliit.eu">www.toiduliit.eu</a></td>
</tr>
<tr>
<td>ETL – Elintarviketöollisuusliitto</td>
<td>national food and drink trade association Finland</td>
<td><a href="http://www.etl.fi">www.etl.fi</a></td>
</tr>
<tr>
<td>EU Specialty Food Ingredients</td>
<td>Federation of European Specialty Food Ingredients Industries</td>
<td><a href="mailto:info@specialtyfoodingredients.eu">info@specialtyfoodingredients.eu</a></td>
</tr>
<tr>
<td>EuPC</td>
<td>European Plastics Converters Confederation</td>
<td><a href="http://www.plasticsconverters.eu">www.plasticsconverters.eu</a></td>
</tr>
<tr>
<td>EuPIA</td>
<td>European Printing Ink Association</td>
<td><a href="http://www.eupia.org">www.eupia.org</a></td>
</tr>
<tr>
<td>EUPPA - European Potato Processors’ Association</td>
<td>sector trade association</td>
<td><a href="http://www.euppa.eu">www.euppa.eu</a></td>
</tr>
<tr>
<td>EURACHEM</td>
<td>EURACHEM</td>
<td><a href="mailto:secretariat@eurachem.org">secretariat@eurachem.org</a></td>
</tr>
<tr>
<td>EUROCOMMERCE</td>
<td>Retail, Wholesale &amp; International Trade Representation to the EU</td>
<td><a href="mailto:bedert@eurocommerce.eu">bedert@eurocommerce.eu</a></td>
</tr>
<tr>
<td>EuroCoop</td>
<td>The European Community of Consumer Co-operatives</td>
<td><a href="http://www.eurocoop.coop">www.eurocoop.coop</a></td>
</tr>
<tr>
<td>EUROGLACES</td>
<td>European Ice Cream Association</td>
<td><a href="mailto:info@euroglaces.eu">info@euroglaces.eu</a></td>
</tr>
<tr>
<td>Europatat</td>
<td>European Potato Trade Association</td>
<td><a href="mailto:secretariat@europatat.eu">secretariat@europatat.eu</a></td>
</tr>
<tr>
<td>European Federation of Food Science and Technology (EFoST)</td>
<td>EffoST is a non-profit association, with 80 societies in 21 European countries affiliated to it</td>
<td><a href="http://www.effost.org">www.effost.org</a></td>
</tr>
<tr>
<td>European Food Information Council (EUFIC)</td>
<td>A non-profit industry funded organisation which provides science based information on food and food-related topics</td>
<td><a href="http://www.eufic.org">www.eufic.org</a></td>
</tr>
<tr>
<td>Organisation</td>
<td>Details</td>
<td>Website / Email</td>
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</tr>
<tr>
<td>European Modern Restaurant Association (EMRA)</td>
<td>The aim of EMRA is to enhance the dialogue with policy makers and opinion leaders at a European and – if appropriate – national level on matters affecting the modern restaurant industry as a whole</td>
<td><a href="http://www.emrarestaurants.com">www.emrarestaurants.com</a></td>
</tr>
<tr>
<td>European Sensory Network – ESN</td>
<td>This international forum was created for discussion and collaboration among the best research institutions involved in sensory and consumer sciences</td>
<td><a href="http://www.esn-network.com">www.esn-network.com</a></td>
</tr>
<tr>
<td>European Solvents Industry Group</td>
<td>sector trade association</td>
<td><a href="http://www.esig.org">www.esig.org</a></td>
</tr>
<tr>
<td>EuSalt</td>
<td>European Salt Producers’ Association</td>
<td><a href="mailto:info@eusalt.com">info@eusalt.com</a></td>
</tr>
<tr>
<td>EUVEPRO</td>
<td>European Vegetable Protein Association</td>
<td><a href="mailto:euvepro@kellencompany.com">euvepro@kellencompany.com</a></td>
</tr>
<tr>
<td>EVA European Vending Association</td>
<td></td>
<td><a href="http://www.vending-europe.eu">www.vending-europe.eu</a></td>
</tr>
<tr>
<td>FDI - Food Drink Ireland</td>
<td>national food and drink trade association Ireland</td>
<td><a href="http://www.fooddrinkireland.ie">www.fooddrinkireland.ie</a></td>
</tr>
<tr>
<td>FEDERALIMENTARE - Federazione Italiana dell’Industria Alimentare</td>
<td>national food and drink trade association Italy</td>
<td><a href="http://www.federalimentare.it">www.federalimentare.it</a></td>
</tr>
<tr>
<td>Federation for Wholesale Distributors (FWD)</td>
<td>UK members provide food and associated products to over 400,000 retail and catering businesses, either by direct delivery or via cash and carry depots. Their customers range from small independent stores to large restaurant chains, and from local coffee shops to hospitals and schools.</td>
<td><a href="http://www.fwd.co.uk">http://www.fwd.co.uk</a></td>
</tr>
<tr>
<td>Federation of Bakers (FOB)</td>
<td>Federation of Bakers - The Federation of Bakers represents the interests of the UK’s largest baking companies who manufacture sliced and wrapped bread, bakery snacks and other bread products.</td>
<td><a href="http://www.bakersfederation.org.UK">www.bakersfederation.org.UK</a></td>
</tr>
<tr>
<td>FWD (The Federation of Wholesale Distributors)</td>
<td>trade association for food and drink wholesalers in the UK</td>
<td><a href="http://www.fwd.co.uk/">http://www.fwd.co.uk/</a></td>
</tr>
<tr>
<td>FEDIAF - European Pet Food Industry Federation</td>
<td>sector trade association</td>
<td><a href="http://www.fediaf.org">www.fediaf.org</a></td>
</tr>
<tr>
<td>FEDIL - Fédération des Industries Agro-capitalières</td>
<td>national food and drink trade association Luxembourg</td>
<td><a href="http://www.fedil.lu">www.fedil.lu</a></td>
</tr>
<tr>
<td>Organisation</td>
<td>Details</td>
<td>Website / Email</td>
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</tr>
<tr>
<td>Alimentaires Luxembourgeoises</td>
<td></td>
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</tr>
<tr>
<td>FEDIMA - Federation of EU Manufacturers and Suppliers of Ingredients to the Bakery, Confectionary and Patisserie Industries</td>
<td>sector trade association</td>
<td><a href="http://www.fedima.org">www.fedima.org</a></td>
</tr>
<tr>
<td>FEDIOL</td>
<td>The EU Vegetable Oil and Proteinmeal Federation</td>
<td><a href="mailto:fediol@fediol.eu">fediol@fediol.eu</a></td>
</tr>
<tr>
<td>FEEDM</td>
<td>European Federation of Honey Packers and Distributors</td>
<td><a href="mailto:feedm@waren-verein.de">feedm@waren-verein.de</a></td>
</tr>
<tr>
<td>FEFAC</td>
<td>European Feed Manufacturers’ Federation</td>
<td><a href="mailto:fefac@fefac.eu">fefac@fefac.eu</a></td>
</tr>
<tr>
<td>FEFCO European Federation of Corrugated Board Manufacturers</td>
<td>sector trade association</td>
<td><a href="http://www.fefco.org">www.fefco.org</a></td>
</tr>
<tr>
<td>FEICA Association of the European Adhesive &amp; Sealant Industry</td>
<td>sector trade association</td>
<td><a href="http://www.feica.eu">www.feica.eu</a></td>
</tr>
<tr>
<td>FeRFA</td>
<td>The Resin Flooring Association, represents the major product manufacturers, specialist contractors, raw material suppliers and specialist service providers within the UK Industry…</td>
<td><a href="http://www.ferfa.org.uk">www.ferfa.org.uk</a></td>
</tr>
<tr>
<td>FESI</td>
<td>Federation of the European Sporting Goods Industry</td>
<td><a href="http://www.fesi-sport.org">www.fesi-sport.org</a></td>
</tr>
<tr>
<td>FEVIA - Fédération de l’Industrie Alimentaire/Federatie Voedingsindustrie</td>
<td>national food and drink trade association Belgium</td>
<td><a href="http://www.fevia.be">www.fevia.be</a></td>
</tr>
<tr>
<td>FIA</td>
<td>Food Industry Asia (FIA)</td>
<td><a href="mailto:info@foodindustry.asia">info@foodindustry.asia</a></td>
</tr>
<tr>
<td>FIAA - Fachverband der Nahrungs- und Genussmittelindustrie</td>
<td>national food and drink trade association Austria</td>
<td><a href="http://www.fiaa.com.au">www.fiaa.com.au</a></td>
</tr>
<tr>
<td>FIAB - Federación Española de Industrias de la Alimentación y Bebidas</td>
<td>national food and drink trade association Spain</td>
<td><a href="http://www.fiab.es">www.fiab.es</a></td>
</tr>
<tr>
<td>FIPA - Federação das Indústrias Portuguesas Agro-Alimentares</td>
<td>national food and drink trade association Portugal</td>
<td><a href="http://www.fipa.pt">www.fipa.pt</a></td>
</tr>
<tr>
<td>FIVS</td>
<td>Fédération internationale des vins et spiritueux</td>
<td><a href="mailto:admin@fivs.org">admin@fivs.org</a></td>
</tr>
<tr>
<td>Organisation</td>
<td>Details</td>
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<tr>
<td>Flour Advisory Bureau</td>
<td>Provides information on bread and flour in the UK. There is information covering health and nutritional aspects of bread, and a section containing information for schools (students and teachers)</td>
<td><a href="http://www.fabflour.co.UK">www.fabflour.co.UK</a></td>
</tr>
<tr>
<td>FNLI - Federatie Nederlandse Levensmiddelen Industrie</td>
<td></td>
<td><a href="http://www.fnli.nl">www.fnli.nl</a></td>
</tr>
<tr>
<td>Food Additives and Ingredients Association (FAIA)</td>
<td></td>
<td><a href="http://www.faia.org.uk">www.faia.org.uk</a></td>
</tr>
<tr>
<td>Food and Drink Federation (FDF)</td>
<td>The Food and Drink Federation (FDF) is the voice of the UK food and drink industry, the largest manufacturing sector in the country. Includes: FDF's Biscuit, Cake, Chocolate and Confectionery Group, FDF's Seafood Group, FDF's Out of Home Group, FDF's Frozen Food Group, FDF's Meat Group, FDF's Organics Group, FDF's Yogurt and Chilled Dessert Group</td>
<td><a href="http://www.fdf.org.uk">www.fdf.org.uk</a></td>
</tr>
<tr>
<td>Food Drink Bulgaria</td>
<td></td>
<td><a href="http://www.fooddrink.bg">www.fooddrink.bg</a></td>
</tr>
<tr>
<td>Food Storage and Distribution Federation (FSDF)</td>
<td></td>
<td><a href="http://www.fsdfo.org.uk">www.fsdfo.org.uk</a></td>
</tr>
<tr>
<td>FoodDrinkEurope</td>
<td>European Food and Drink Industry</td>
<td><a href="http://www.fooddrinkeurope.eu">www.fooddrinkeurope.eu</a></td>
</tr>
<tr>
<td>FoodDrinkNorway (NHO Mat og Drikke)</td>
<td>national food and drink trade association Norway</td>
<td><a href="http://www.nhomd.no">www.nhomd.no</a></td>
</tr>
<tr>
<td>FoodServiceEurope</td>
<td>European Contract Catering Sector</td>
<td><a href="http://www.foodserviceeurope.org">www.foodserviceeurope.org</a></td>
</tr>
<tr>
<td>FOSFA International</td>
<td>Federation of Oils, Seeds and Fats Associations International</td>
<td><a href="mailto:gretel.bescoby@fosfa.org">gretel.bescoby@fosfa.org</a></td>
</tr>
<tr>
<td>FPE Flexible Packaging Europe</td>
<td>sector trade association</td>
<td><a href="http://www.flexpack-europe.org">www.flexpack-europe.org</a></td>
</tr>
<tr>
<td>Fresh Produce Consortium</td>
<td>The UK’s fresh produce trade association. Recognised as the voice of the UK industry, the FPC helps create opportunities, defends livelihoods and supports the growth of its members’ businesses.</td>
<td><a href="http://www.freshproduce.org.UK">www.freshproduce.org.UK</a></td>
</tr>
<tr>
<td>Organisation</td>
<td>Details</td>
<td>Website / Email</td>
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</tr>
<tr>
<td>GAFTA</td>
<td>Grain and Feed Trade Association</td>
<td><a href="mailto:post@gafta.com">post@gafta.com</a></td>
</tr>
<tr>
<td>GAIN</td>
<td>Global Alliance for Improved Nutrition</td>
<td><a href="mailto:choang@gainhealth.org">choang@gainhealth.org</a></td>
</tr>
<tr>
<td>GOED</td>
<td>Global Organization for EPA and DHA Omega-3s</td>
<td><a href="mailto:codex-matters@goedomega3.com">codex-matters@goedomega3.com</a></td>
</tr>
<tr>
<td>GPC</td>
<td>Global Pulse Confederation</td>
<td><a href="mailto:office@globalpulses.com">office@globalpulses.com</a></td>
</tr>
<tr>
<td>GSO</td>
<td>Standardization Organization for G.C.C.</td>
<td><a href="mailto:GSO@GSO.ORG.SA">GSO@GSO.ORG.SA</a></td>
</tr>
<tr>
<td>Guild of Fine Food</td>
<td>The Guild of Fine Food - the Guild supports and promotes speciality food producers and the independent delis, farm shops and food halls that sustain them.</td>
<td><a href="http://gff.co.UK">http://gff.co.UK</a></td>
</tr>
<tr>
<td>GZS - Gospodarska zbornica Slovenije</td>
<td>national food and drink trade association Slovenia</td>
<td><a href="http://www.gzs.si">www.gzs.si</a></td>
</tr>
<tr>
<td>Health Food Manufacturers Association (HFMA)</td>
<td></td>
<td><a href="http://www.hfma.co.UK">www.hfma.co.UK</a></td>
</tr>
<tr>
<td>HealthforAnimals</td>
<td>Health for Animals</td>
<td><a href="mailto:florentina@healthforanimals.org">florentina@healthforanimals.org</a></td>
</tr>
<tr>
<td>Home Grown Cereals Authority – (HGCA)</td>
<td>HGCA supports the UK cereal and oilseeds industry in improving its competitiveness in UK and overseas markets...</td>
<td><a href="http://www.hgca.co.UK">www.hgca.co.UK</a></td>
</tr>
<tr>
<td>Hotrec</td>
<td>Association of Hotels, Restaurants and Cafes in Europe</td>
<td><a href="http://www.hotrec.eu">www.hotrec.eu</a></td>
</tr>
<tr>
<td>HUP - Hrvatska Udruga Poslodavaca</td>
<td>national food and drink trade association Croatia</td>
<td><a href="http://www.hup.hr">www.hup.hr</a></td>
</tr>
<tr>
<td>I&amp;P Europe Imaging and Printing Association</td>
<td>sector trade association</td>
<td><a href="http://www.ip-europe.com">www.ip-europe.com</a></td>
</tr>
<tr>
<td>IACFO</td>
<td>International Association of Consumer Food Organizations</td>
<td><a href="mailto:sfi@cspinet.org">sfi@cspinet.org</a></td>
</tr>
<tr>
<td>IACM</td>
<td>International Association of Color Manufacturers</td>
<td><a href="mailto:scodrea@vertosolutions.net">scodrea@vertosolutions.net</a></td>
</tr>
<tr>
<td>IACST</td>
<td>International Association for Cereal Science and Technology</td>
<td><a href="mailto:office@icc.or.at">office@icc.or.at</a></td>
</tr>
<tr>
<td>IADSA</td>
<td>International Alliance of Dietary/Food Supplement Associations</td>
<td><a href="mailto:secretariat@iadsa.org">secretariat@iadsa.org</a></td>
</tr>
<tr>
<td>IAEA</td>
<td>International Atomic Energy Agency</td>
<td><a href="mailto:official.mail@iaea.org">official.mail@iaea.org</a></td>
</tr>
<tr>
<td>Organisation</td>
<td>Details</td>
<td>Website / Email</td>
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</tr>
<tr>
<td>IAF</td>
<td>International Accreditation Forum</td>
<td><a href="mailto:Kylie.Sheehan@jas-anz.org">Kylie.Sheehan@jas-anz.org</a></td>
</tr>
<tr>
<td>IAFI</td>
<td>International Association of Fish Inspectors</td>
<td><a href="mailto:iafi@em.agr.ca">iafi@em.agr.ca</a></td>
</tr>
<tr>
<td>IAI</td>
<td>International Aluminium Institute</td>
<td><a href="mailto:bayliss@world-aluminium.org">bayliss@world-aluminium.org</a></td>
</tr>
<tr>
<td>IBFAN</td>
<td>International Baby Food Action Network</td>
<td><a href="mailto:info@gifa.org">info@gifa.org</a></td>
</tr>
<tr>
<td>ICA</td>
<td>International Co-operative Alliance</td>
<td><a href="mailto:kokusai@jccu.coop">kokusai@jccu.coop</a></td>
</tr>
<tr>
<td>ICA/IOCCC</td>
<td>International Confectionery Association</td>
<td>Contact <a href="mailto:caobisco@caobisco.eu">caobisco@caobisco.eu</a></td>
</tr>
<tr>
<td>ICAAS</td>
<td>International Council on Amino Acid Science</td>
<td><a href="mailto:miro_smriga@ajinomoto.com">miro_smriga@ajinomoto.com</a></td>
</tr>
<tr>
<td>ICBA</td>
<td>International Council of Beverages Associations</td>
<td><a href="mailto:kate@icba-net.org">kate@icba-net.org</a></td>
</tr>
<tr>
<td>ICBWA</td>
<td>International Council of Bottled Water Associations</td>
<td><a href="mailto:griswold@icbwa.org">griswold@icbwa.org</a></td>
</tr>
<tr>
<td>ICC</td>
<td>Chambre de commerce internationale</td>
<td><a href="http://www.iccwbo.org">www.iccwbo.org</a></td>
</tr>
<tr>
<td>ICCO</td>
<td>International Cocoa Organization</td>
<td><a href="mailto:secretariat@icco.org">secretariat@icco.org</a></td>
</tr>
<tr>
<td>ICD</td>
<td>Industry Council for Development</td>
<td><a href="mailto:industrycouncil@btinternet.com">industrycouncil@btinternet.com</a></td>
</tr>
<tr>
<td>ICGA</td>
<td>International Chewing Gum Association (ICGA)</td>
<td><a href="mailto:icga@gumassociation.org">icga@gumassociation.org</a></td>
</tr>
<tr>
<td>ICGMA</td>
<td>International Council of Grocery Manufacturers Associations</td>
<td><a href="mailto:NGardner@gmaonline.org">NGardner@gmaonline.org</a></td>
</tr>
<tr>
<td>ICO</td>
<td>International Coffee Organization</td>
<td><a href="mailto:info@ico.org">info@ico.org</a></td>
</tr>
<tr>
<td>ICUMSA</td>
<td>International Commission for Uniform Methods of Sugar Analysis</td>
<td><a href="mailto:secretary@icumsa.org">secretary@icumsa.org</a></td>
</tr>
<tr>
<td>IDF/FID</td>
<td>International Diabetes Federation</td>
<td><a href="mailto:info@idf.org">info@idf.org</a></td>
</tr>
<tr>
<td>IDF/FIL</td>
<td>International Dairy Federation</td>
<td><a href="mailto:dg@fil-idf.org">dg@fil-idf.org</a></td>
</tr>
<tr>
<td>IEC</td>
<td>International Egg Commission</td>
<td><a href="mailto:info@internationalegg.com">info@internationalegg.com</a></td>
</tr>
<tr>
<td>IFAAO</td>
<td>International Food Authenticity Assurance Organization</td>
<td><a href="mailto:mitchellweinberg@ifaa.org">mitchellweinberg@ifaa.org</a></td>
</tr>
<tr>
<td>IFAC</td>
<td>International Food Additives Council</td>
<td><a href="mailto:RRRankin@kellencompany.com">RRRankin@kellencompany.com</a></td>
</tr>
<tr>
<td>IFBA</td>
<td>international Food and Beverage Alliance</td>
<td><a href="http://www.ifballiciance.org">www.ifballiciance.org</a></td>
</tr>
<tr>
<td>IFFA</td>
<td>International Frozen Foods Association</td>
<td><a href="mailto:dgarren@affi.com">dgarren@affi.com</a></td>
</tr>
<tr>
<td>IFFO</td>
<td>The Marine Ingredients Organisation</td>
<td><a href="mailto:secretariat@iffo.net">secretariat@iffo.net</a></td>
</tr>
<tr>
<td>IFIF</td>
<td>International Feed Industry Federation</td>
<td><a href="mailto:info@ifif.org">info@ifif.org</a></td>
</tr>
<tr>
<td>IFMA</td>
<td>International Federation of Margarine Associations</td>
<td><a href="mailto:imace.ifma@imace.org">imace.ifma@imace.org</a></td>
</tr>
<tr>
<td>Organisation</td>
<td>Details</td>
<td>Website / Email</td>
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<tr>
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</tr>
<tr>
<td>IFOAM</td>
<td>International Federation of Organic Agriculture Movements</td>
<td><a href="mailto:advocacy@ifoam.bio">advocacy@ifoam.bio</a></td>
</tr>
<tr>
<td>IFPRI</td>
<td>International Food Policy Research Institute</td>
<td><a href="mailto:IFPRI-CODEX@cgiar.org">IFPRI-CODEX@cgiar.org</a></td>
</tr>
<tr>
<td>IFPS</td>
<td>International Federation for Produce Standards</td>
<td><a href="mailto:hgale@canadagap.ca">hgale@canadagap.ca</a></td>
</tr>
<tr>
<td>IFT</td>
<td>Institute of Food Technologists</td>
<td><a href="mailto:rlnewsome@ift.org">rlnewsome@ift.org</a></td>
</tr>
<tr>
<td>IFU</td>
<td>International Fruit and Vegetable Juice Association</td>
<td><a href="mailto:john@ifu-fruitjuice.com">john@ifu-fruitjuice.com</a></td>
</tr>
<tr>
<td>IGAD</td>
<td>Intergovernmental Authority on Development</td>
<td><a href="mailto:igad@igad.org">igad@igad.org</a></td>
</tr>
<tr>
<td>IGTC</td>
<td>International Glutamate Technical Committee</td>
<td><a href="mailto:IGTC@kellencompany.com">IGTC@kellencompany.com</a></td>
</tr>
<tr>
<td>IHPC</td>
<td>International Hydrolyzed Protein Council</td>
<td><a href="mailto:martin.hahn@hoganlovells.com">martin.hahn@hoganlovells.com</a></td>
</tr>
<tr>
<td>IICA</td>
<td>Inter-American Institute for Cooperation on Agriculture</td>
<td><a href="mailto:erick.bolanos@iica.int">erick.bolanos@iica.int</a></td>
</tr>
<tr>
<td>IIF/IIR</td>
<td>Institut international du froid/International Institute of Refrigeration</td>
<td><a href="mailto:iif-iir@iifiir.org">iif-iir@iifiir.org</a></td>
</tr>
<tr>
<td>ILCA</td>
<td>International Lactation Consultant Association</td>
<td><a href="mailto:info@ilca.org">info@ilca.org</a></td>
</tr>
<tr>
<td>ILSI-Europe</td>
<td>International Life Sciences Institute is a non-profit research organisation funded by industry</td>
<td><a href="http://www.ilsi.eu">www.ilsi.eu</a></td>
</tr>
<tr>
<td>IMACE - European Margarine Association</td>
<td>sector trade association</td>
<td><a href="http://www.imace.org">www.imace.org</a></td>
</tr>
<tr>
<td>IMS</td>
<td>International Meat Secretariat</td>
<td><a href="mailto:Hsin.Huang@meat-ims.org">Hsin.Huang@meat-ims.org</a></td>
</tr>
<tr>
<td>INC</td>
<td>International Nut and Dried Fruit Council Foundation</td>
<td><a href="mailto:Irene.girones@nutfruit.org">Irene.girones@nutfruit.org</a></td>
</tr>
<tr>
<td>INCAP</td>
<td>Instituto de Nutrición de Centro América y Panamá</td>
<td><a href="mailto:Hdelgado@incap.org.gt">Hdelgado@incap.org.gt</a></td>
</tr>
<tr>
<td>INCPEN</td>
<td>The Industry Council for Packaging &amp; the Environment</td>
<td><a href="http://www.incpen.org/">http://www.incpen.org/</a></td>
</tr>
<tr>
<td>Independent Family Brewers of Britain</td>
<td>The Family Brewers represent all that is best in the world of British pubs and British beers.</td>
<td><a href="http://www.familybrewers.co.UK">www.familybrewers.co.UK</a></td>
</tr>
<tr>
<td>Independent Retail Europe (UGAL)</td>
<td>Association of independent retailers in Europe</td>
<td><a href="http://www.independentretaileurope.eu">www.independentretaileurope.eu</a></td>
</tr>
<tr>
<td>INFOODS</td>
<td>International Network of Food Data Systems</td>
<td><a href="mailto:barbara.burlingame@fao.org">barbara.burlingame@fao.org</a></td>
</tr>
<tr>
<td>Institute for Thermal Processing Specialists, USA (IFTPS)</td>
<td>A professional body, based in the US, covering procedures, techniques and regulatory requirements for the thermal processing of food</td>
<td><a href="http://www.iftps.org">www.iftps.org</a></td>
</tr>
<tr>
<td>Organisation</td>
<td>Details</td>
<td>Website / Email</td>
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<td>---------------------------------------------------</td>
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</tr>
<tr>
<td>Institute of Food Science and Technology (IFST)</td>
<td>Professional body for the food industry in the UK</td>
<td><a href="http://www.ifst.org.uk">www.ifst.org.uk</a></td>
</tr>
<tr>
<td>Institute of Food Technologists, USA (IFT)</td>
<td>Professional body for food technologists in the USA</td>
<td><a href="http://www.ift.org">www.ift.org</a></td>
</tr>
<tr>
<td>Institute of Grocery Distribution (IGD)</td>
<td>The IGD site provides information about the food and grocery industry, including factsheets and best practice documents. It also has information suitable for educational purposes...</td>
<td><a href="http://www.igd.com">www.igd.com</a></td>
</tr>
<tr>
<td>Institute of Refrigeration (IOR)</td>
<td>The industry’s professional body and learned society where people from every part of the world join together to promote the advancement of refrigeration...</td>
<td><a href="http://www.ior.org.UK">www.ior.org.UK</a></td>
</tr>
<tr>
<td>Intergraf European Federation for Print and Digital Communication</td>
<td>sector trade association</td>
<td><a href="http://www.intergraf.eu">www.intergraf.eu</a></td>
</tr>
<tr>
<td>International Union of Food Science and Technology</td>
<td>The IUFoST, a country-membership organization is the sole global food science and technology organization. It is a voluntary, non-profit association of national food science organizations linking the world’s best food scientists and technologists</td>
<td><a href="http://www.iufost.org">www.iufost.org</a></td>
</tr>
<tr>
<td>IOFI</td>
<td>International Organization of the Flavor Industry</td>
<td><a href="mailto:secretariat@iofi.org">secretariat@iofi.org</a></td>
</tr>
<tr>
<td>IOOC</td>
<td>International Olive Oil Council</td>
<td><a href="mailto:iooc@internationaloliveoil.org">iooc@internationaloliveoil.org</a></td>
</tr>
<tr>
<td>IOSTA</td>
<td>International Organization of Spice Trade Associations</td>
<td><a href="mailto:cdeem@astaspice.org">cdeem@astaspice.org</a></td>
</tr>
<tr>
<td>IPA</td>
<td>International Probiotics Association</td>
<td><a href="mailto:George@internationalprobiotics.org">George@internationalprobiotics.org</a></td>
</tr>
<tr>
<td>IPC</td>
<td>The International Poultry Council</td>
<td><a href="mailto:marilia@internationalpoultrycouncil.org">marilia@internationalpoultrycouncil.org</a></td>
</tr>
<tr>
<td>IPC</td>
<td>International Pepper Community</td>
<td><a href="mailto:ed@ipcnet.org">ed@ipcnet.org</a></td>
</tr>
<tr>
<td>IPPA</td>
<td>International Pectin Producers' Association</td>
<td><a href="mailto:executive-secretary@ippa.info">executive-secretary@ippa.info</a></td>
</tr>
<tr>
<td>ISA</td>
<td>International Sweeteners Association</td>
<td><a href="http://www.sweeteners.org">www.sweeteners.org</a></td>
</tr>
<tr>
<td>Organisation</td>
<td>Details</td>
<td>Website / Email</td>
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</tr>
<tr>
<td>ISA</td>
<td>International Sweeteners Association</td>
<td><a href="mailto:isa@ecco-eu.com">isa@ecco-eu.com</a></td>
</tr>
<tr>
<td>ISC</td>
<td>International Stevia Council</td>
<td><a href="mailto:globaloffice@internationalsteviacouncil.org">globaloffice@internationalsteviacouncil.org</a></td>
</tr>
<tr>
<td>ISC</td>
<td>International Society of Citriculture</td>
<td><a href="mailto:iscucr@ucr.edu">iscucr@ucr.edu</a></td>
</tr>
<tr>
<td>ISDI</td>
<td>International Special Dietary Foods Industries</td>
<td><a href="mailto:secretariat@isdi.org">secretariat@isdi.org</a></td>
</tr>
<tr>
<td>ISO</td>
<td>International Organization for Standardization</td>
<td><a href="mailto:bourquin@iso.org">bourquin@iso.org</a></td>
</tr>
<tr>
<td>ITC</td>
<td>International Trade Centre UNCTAD/WTO</td>
<td><a href="mailto:ramful@intracen.org">ramful@intracen.org</a></td>
</tr>
<tr>
<td>IUFOST</td>
<td>International Union of Food Science and Technology</td>
<td><a href="mailto:dietrich.knorr@tu-berlin.de">dietrich.knorr@tu-berlin.de</a></td>
</tr>
<tr>
<td>IUMS</td>
<td>International Union of Microbiological Societies</td>
<td><a href="http://www.iums.org">www.iums.org</a></td>
</tr>
<tr>
<td>IUNS</td>
<td>International Union of Nutritional Sciences</td>
<td><a href="http://www.iuns.org">www.iuns.org</a></td>
</tr>
<tr>
<td>IUPAC</td>
<td>International Union of Pure and Applied Chemistry</td>
<td><a href="mailto:secretariat@iupac.org">secretariat@iupac.org</a></td>
</tr>
<tr>
<td>IWGA</td>
<td>International Wheat Gluten Association</td>
<td><a href="mailto:pbunn@fbolaw.com">pbunn@fbolaw.com</a></td>
</tr>
<tr>
<td>LI - Livsmedelsföretagen</td>
<td>national food and drink trade association Sweden</td>
<td><a href="http://www.livsmedelsforetagen.se">www.livsmedelsforetagen.se</a></td>
</tr>
<tr>
<td>Maltsters Association of Great Britain (MAGB)</td>
<td>To promote and safeguard the UK malting industry, so enabling it to fulfil its world-wide business potential.</td>
<td><a href="http://www.UKmalt.com">www.UKmalt.com</a></td>
</tr>
<tr>
<td>Margarines and Spreads Association (MSA)</td>
<td></td>
<td><a href="http://www.margarine.org.UK">www.margarine.org.UK</a></td>
</tr>
<tr>
<td>MARINALG International</td>
<td>World Association of Seaweed Processors</td>
<td>A <a href="mailto:Cooke@kellencompany.com">Cooke@kellencompany.com</a></td>
</tr>
<tr>
<td>MERCOSUR</td>
<td>Mercado Común del Sur</td>
<td><a href="mailto:sam@netgate.com.uy">sam@netgate.com.uy</a></td>
</tr>
<tr>
<td>Microbiology Society</td>
<td>The Microbiology Society is a membership organisation for scientists who work in all areas of microbiology.</td>
<td><a href="http://www.microbiologysociety.org">www.microbiologysociety.org</a></td>
</tr>
<tr>
<td>MPE Metal Packaging Europe</td>
<td>sector trade association</td>
<td><a href="http://www.metalpackagingeurope.org">www.metalpackagingeurope.org</a></td>
</tr>
<tr>
<td>NATCOL</td>
<td>Natural Food Colours Association</td>
<td><a href="mailto:Secretariat@natcol.org">Secretariat@natcol.org</a></td>
</tr>
<tr>
<td>National Association of British and Irish Millers (NABIM)</td>
<td>Nabim is the representative organisation for the UK flour milling industry.</td>
<td><a href="http://www.nabim.org.uk">www.nabim.org.uk</a></td>
</tr>
<tr>
<td>Organisation</td>
<td>Details</td>
<td>Website / Email</td>
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</tr>
<tr>
<td>National Federation of Meat and Food Traders</td>
<td>UK national organisation, which has given representation and business support to independent meat &amp; food traders</td>
<td><a href="http://www.nfmft.co.uk">www.nfmft.co.uk</a></td>
</tr>
<tr>
<td>National Food Processors Association, USA (NFPA)</td>
<td>Represents the US food processing industry. The site contains numerous position statements on legal and other issues affecting the industry</td>
<td><a href="http://www.nfpa-food.org">www.nfpa-food.org</a></td>
</tr>
<tr>
<td>National Institute of Agricultural Botany (NIAB)</td>
<td>Supports the UK farming industry by offering advice on crop selection etc.</td>
<td><a href="http://www.niab.com">www.niab.com</a></td>
</tr>
<tr>
<td>National Pest Technicians Association</td>
<td>UK Pest Control Association promoting a professional approach to pest control</td>
<td><a href="http://www.npta.org.uk">www.npta.org.uk</a></td>
</tr>
<tr>
<td>Nationwide Caterers Association (NCASS)</td>
<td>UK’s leading association for independent catering businesses. Helping mobile caterers for over 30 years</td>
<td><a href="http://www.ncass.org.uk">www.ncass.org.uk</a></td>
</tr>
<tr>
<td>NHF</td>
<td>National Health Federation</td>
<td><a href="mailto:scott@rivieramail.com">scott@rivieramail.com</a></td>
</tr>
<tr>
<td>NMK</td>
<td>Nordic Committee on Food Analysis</td>
<td><a href="mailto:nmkl@food.dtu.dk">nmkl@food.dtu.dk</a></td>
</tr>
<tr>
<td>Northern Ireland Food &amp; Drink Association (NIFDA)</td>
<td></td>
<td><a href="http://www.nifda.co.uk">www.nifda.co.uk</a></td>
</tr>
<tr>
<td>NSF</td>
<td>NSF International</td>
<td><a href="mailto:hazan@nsf.org">hazan@nsf.org</a></td>
</tr>
<tr>
<td>OECD</td>
<td>Organisation for Economic Co-operation and Development</td>
<td><a href="mailto:Richard.Sigman@oecd.org">Richard.Sigman@oecd.org</a></td>
</tr>
<tr>
<td>OENOPPIA</td>
<td>Oenological Products and Practices International Association</td>
<td><a href="mailto:contact@oenoppia.com">contact@oenoppia.com</a></td>
</tr>
<tr>
<td>OFCA</td>
<td>Organisation des Fabricants de produits Cellulosiques Alimentaires</td>
<td><a href="mailto:ofca@kpnmail.nl">ofca@kpnmail.nl</a></td>
</tr>
<tr>
<td>OIE</td>
<td>Organisation Mondiale de la Santé Animale</td>
<td><a href="mailto:oie@oie.int">oie@oie.int</a></td>
</tr>
<tr>
<td>OIML</td>
<td>Organisation internationale de métrologie légale</td>
<td><a href="mailto:ian.dunmill@oiml.org">ian.dunmill@oiml.org</a></td>
</tr>
<tr>
<td>OIRSA</td>
<td>Organismo Internacional Regional de Sanidad Agropecuaria</td>
<td><a href="mailto:oirsa@oirsa.org">oirsa@oirsa.org</a></td>
</tr>
<tr>
<td>OIV</td>
<td>Organisation internationale de la vigne et du vin</td>
<td><a href="mailto:secretariat@oiv.int">secretariat@oiv.int</a></td>
</tr>
<tr>
<td>Packaging Federation</td>
<td></td>
<td><a href="http://www.packagingfedn.co.UK/">http://www.packagingfedn.co.UK/</a></td>
</tr>
<tr>
<td>PAHO</td>
<td>Pan American Health Organization</td>
<td><a href="mailto:info@paho.org">info@paho.org</a></td>
</tr>
<tr>
<td>Paper Industry Technical Association</td>
<td></td>
<td><a href="http://www.pita.co.UK/">http://www.pita.co.UK/</a></td>
</tr>
<tr>
<td>Organisation</td>
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</tr>
<tr>
<td>PC</td>
<td>Pacific Community</td>
<td><a href="mailto:spc@spc.org.nc">spc@spc.org.nc</a></td>
</tr>
<tr>
<td>PFPZ - Polska Federacja Producentów Żywności Związek Pracodawców</td>
<td>national food and drink trade association Poland</td>
<td><a href="http://www.pfpz.pl">www.pfpz.pl</a></td>
</tr>
<tr>
<td>Pizza, Pasta &amp; Italian Food Association (PAPA)</td>
<td>Trade</td>
<td><a href="http://www.papa.org.uk">www.papa.org.uk</a></td>
</tr>
<tr>
<td>PK CR - Potravinárská Komora České Republiky</td>
<td>national food and drink trade association Czech Republic</td>
<td><a href="http://www.foodnet.cz">www.foodnet.cz</a></td>
</tr>
<tr>
<td>PKS - Potravinárska Komora Slovenska</td>
<td>national food and drink trade association Slovakia</td>
<td><a href="http://www.potravinari.sk">www.potravinari.sk</a></td>
</tr>
<tr>
<td>Processing and Packaging Machinery Association (PPMA) (PPMA)</td>
<td>To represent the interests of processing and packaging machinery suppliers within the UK and abroad and uphold standards of service and quality. To provide customers with technical and sales information to help them source and specify machinery. Processing &amp; Packaging Machinery food, pharmaceuticals, toiletries, chemicals</td>
<td><a href="http://www.ppma.co.uk">www.ppma.co.uk</a></td>
</tr>
<tr>
<td>PROFEL - European Association of Fruit and Vegetable Processors</td>
<td>sector trade association</td>
<td><a href="http://www.profel-europe.eu">www.profel-europe.eu</a></td>
</tr>
<tr>
<td>Proprietary Association of Great Britain Ltd (PAGB)</td>
<td>UK trade association representing the manufacturers of branded over-the-counter medicines, self care medical devices and food supplements. PAGB promotes industry best practice through self regulation of advertising; works with stakeholders to maintain a positive regulatory environment; and promotes self care for self-treatable conditions.</td>
<td><a href="http://www.pagb.co.uk">www.pagb.co.uk</a></td>
</tr>
<tr>
<td>Provision Trade Federation (PTF)</td>
<td>Representing companies who trade in dairy and meat products.</td>
<td><a href="http://www.provtrade.co.uk">www.provtrade.co.uk</a></td>
</tr>
<tr>
<td>PRRI</td>
<td>Public Research and Regulation Initiative</td>
<td><a href="mailto:info@prri.net">info@prri.net</a></td>
</tr>
<tr>
<td>Quality Meat Scotland (QMS)</td>
<td>Trade Food</td>
<td><a href="http://www.qmscotland.co.uk">www.qmscotland.co.uk</a></td>
</tr>
<tr>
<td>Refined Sugar Association (RSA)</td>
<td>Trade Food</td>
<td><a href="http://www.sugarassociation.co.uk">www.sugarassociation.co.uk</a></td>
</tr>
<tr>
<td>ROMALIMENTA - Federatia Patronala</td>
<td>national food and drink trade association Romania</td>
<td><a href="http://www.romalimenta.ro">www.romalimenta.ro</a></td>
</tr>
<tr>
<td>Organisation</td>
<td>Details</td>
<td>Website / Email</td>
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<tr>
<td>Romana din Industria Alimentara</td>
<td></td>
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</tr>
<tr>
<td>SAARC</td>
<td>South Asian Association for Regional Cooperation</td>
<td><a href="mailto:saarc@mos.com.np">saarc@mos.com.np</a></td>
</tr>
<tr>
<td>SADC</td>
<td>Southern African Development Community</td>
<td><a href="mailto:registry@sadc.int">registry@sadc.int</a></td>
</tr>
<tr>
<td>SaferPak</td>
<td></td>
<td><a href="http://www.saferpak.com/">http://www.saferpak.com/</a></td>
</tr>
<tr>
<td>Scottish Food And Drink Federation (SFDF)</td>
<td></td>
<td><a href="http://www.fdscotland.org.uk">www.fdscotland.org.uk</a></td>
</tr>
<tr>
<td>Scottish Food Trades Association (SFTA)</td>
<td>Trade</td>
<td><a href="http://www.sfta.org.uk">www.sfta.org.uk</a></td>
</tr>
<tr>
<td>Scottish Grocers Federation (SGF)</td>
<td>Food</td>
<td><a href="http://www.scottishshop.org.uk">www.scottishshop.org.uk</a></td>
</tr>
<tr>
<td>Scottish Quality Salmon Limited (SQS)</td>
<td>To create an integrated, independently certified and quality assured</td>
<td></td>
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<tr>
<td></td>
<td>chain stretching from food companies through to salmon smokers</td>
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<tr>
<td></td>
<td>and processors; placing customer demand for quality at the heart of</td>
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<tr>
<td></td>
<td>the Scottish salmon industry.</td>
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<tr>
<td>Seafish</td>
<td></td>
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</tr>
<tr>
<td>Seasoning and Spice Association (SSA)</td>
<td>UK trade association</td>
<td><a href="http://www.seasoningandspice.org.uk">www.seasoningandspice.org.uk</a></td>
</tr>
<tr>
<td>SELA</td>
<td>Sistema Económico Latinoamericano</td>
<td><a href="mailto:sela@sela.org">sela@sela.org</a></td>
</tr>
<tr>
<td>Serving Europe</td>
<td>Branded Food &amp; Beverage Service Chains Association</td>
<td><a href="http://www.servingeurope.com">www.servingeurope.com</a></td>
</tr>
<tr>
<td>SEVT - Greek Food &amp; Drink Industry Federation</td>
<td>national food and drink trade association Greece</td>
<td><a href="http://www.sevt.gr">www.sevt.gr</a></td>
</tr>
<tr>
<td>SIECA</td>
<td>Secretaría de Integración Económica Centroamericana</td>
<td><a href="mailto:sieca@pronet.net.gt">sieca@pronet.net.gt</a></td>
</tr>
<tr>
<td>Smithers Pira</td>
<td>packaging industry research institute</td>
<td><a href="http://www.smitherspira.com">http://www.smitherspira.com</a></td>
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<tr>
<td>Snack, Nut and Crisp Manufacturers' Association</td>
<td>UK trade association</td>
<td><a href="http://www.snacma.org.uk">www.snacma.org.uk</a></td>
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<tr>
<td>(SNACMA)</td>
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<tr>
<td>SNE</td>
<td>Specialised Nutrition Europe</td>
<td><a href="mailto:secretariat@specialisednutritioneurope.eu">secretariat@specialisednutritioneurope.eu</a></td>
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<tr>
<td>Organisation</td>
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<td>Website / Email</td>
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<td>Society of Dairy Technology</td>
<td>The Society is the recognised professional body fostering scientific and technological developments in the dairy industries of the United Kingdom and the Republic of Ireland</td>
<td><a href="http://www.sdt.org">www.sdt.org</a></td>
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<tr>
<td>Society of Food Hygiene and Technology (SOFHT)</td>
<td>The Society of Food Hygiene and Technology is a voluntary organisation set up to represent the interests and views of everyone involved in food hygiene across all disciplines.</td>
<td><a href="http://www.sofht.co.uk">www.sofht.co.uk</a></td>
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<tr>
<td>Society of Independent Brewers</td>
<td>The Society of Independent Brewers - Formed in 1980 as the Small Independent Brewers’ Association, to represent the interests of the emerging new wave of microbrewers.</td>
<td>siba.co.uk</td>
</tr>
<tr>
<td>Specialised Nutrition Europe (SNE)</td>
<td>sector trade association</td>
<td><a href="http://www.specialisednutritioneurope.eu">www.specialisednutritioneurope.eu</a></td>
</tr>
<tr>
<td>Specialist Cheese Makers Association</td>
<td>The Specialist Cheesemakers Association (SCA) is an alliance of cheesemakers, retailers, wholesalers and cheese lovers that offers an opportunity to share ideas and increase sales of British cheese.</td>
<td><a href="http://www.specialistcheesemakers.co.UK">www.specialistcheesemakers.co.UK</a></td>
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<td>spiritsEurope</td>
<td>sector trade association</td>
<td><a href="http://www.spirits.eu">www.spirits.eu</a></td>
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<tr>
<td>Starch Europe</td>
<td>sector trade association</td>
<td><a href="http://www.starch.eu">www.starch.eu</a></td>
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<td>Sustainable Food Trade Association</td>
<td>The Sustainable Food Trade Association is a non-profit organisation and its mission is to build the capacity of the organic food trade to transition to sustainable business models.</td>
<td><a href="http://www.sustainablefoodtrade.org">www.sustainablefoodtrade.org</a></td>
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<td>TGDF - Türkiye Gıda ve içecek Sanayii Dernekleri Federasyonu</td>
<td>national food and drink trade association Turkey</td>
<td><a href="http://www.tgdf.org.tr">www.tgdf.org.tr</a></td>
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<td>The Brewers of Europe</td>
<td>sector trade association</td>
<td><a href="http://www.brewersofeurope.org">www.brewersofeurope.org</a></td>
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<td>The Institute of Brewing &amp; Distilling</td>
<td>The IBD is a members organisation which is both a registered educational charity and a company limited by guarantee. The IBD’s Vision Statement is: The advancement of education and professional development in the sciences and technologies of brewing, distilling and related industries.</td>
<td><a href="http://www.ibd.org.uk">www.ibd.org.uk</a></td>
</tr>
<tr>
<td>the Nutrition Society</td>
<td>Advancing the scientific study of nutrition and its application to the maintenance of human and animal health.</td>
<td><a href="http://www.nutritionsociety.org/">www.nutritionsociety.org/</a></td>
</tr>
<tr>
<td>The Royal Institute of Public Health (RIPH)</td>
<td>The Royal Institute of Public Health is a leading independent body with an international reputation dedicated to the promotion, practise and protection of the highest standards of public health</td>
<td><a href="http://www.riph.org.uk">www.riph.org.uk</a></td>
</tr>
<tr>
<td>The Royal Society for the Promotion of Health (RSPH)</td>
<td>The Royal Society for the Promotion of Health is an independent and self-financing organisation, working for continuous improvement in human health through education, communication and the encouragement of scientific research</td>
<td><a href="http://www.rsph.org.uk">www.rsph.org.uk</a></td>
</tr>
<tr>
<td>The Royal Society of Chemistry (RSC)</td>
<td>A Professional Association, open to all chemists. It is actively involved in the promotion of chemistry at all levels. The Royal Society of Chemistry Chemical Science Network:</td>
<td><a href="http://www.chemsoc.org">www.chemsoc.org</a></td>
</tr>
<tr>
<td>The Society for Applied Microbiology (SFAM)</td>
<td>It is dedicated to the advancement of the study of microbiology</td>
<td><a href="http://www.sfam.org.uk">www.sfam.org.uk</a></td>
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<tr>
<td>Organisation</td>
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<td>Website / Email</td>
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<td>The Wine &amp; Spirit Trade Association (WSTA)</td>
<td>The WSTA is the only UK organisation which represents the whole of the wine and spirit supply chain including producers, importers, shippers, wholesalers, bottlers, warehouse keepers, freight forwarders, brand owners, licensed retailers and consultants.</td>
<td><a href="http://www.wsta.co.uk">www.wsta.co.uk</a></td>
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<tr>
<td>THIE - Tea &amp; Herbal Infusions Europe</td>
<td>sector trade association</td>
<td><a href="http://www.thie-online.eu">www.thie-online.eu</a></td>
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<td>Trade Association Forum (TFA)</td>
<td></td>
<td><a href="http://www.taforum.org/">http://www.taforum.org/</a></td>
</tr>
<tr>
<td>UEAPME</td>
<td>The employers’ organisation representing the interests of European crafts, trades and SMEs at EU level</td>
<td><a href="http://www.ueapme.com">www.ueapme.com</a></td>
</tr>
<tr>
<td>UEMOA</td>
<td>Union Economique et Monétaire Ouest Africaine</td>
<td><a href="mailto:commission@uemoa.int">commission@uemoa.int</a></td>
</tr>
<tr>
<td>UK Association of Manufacturers of Bakers’ Yeast (UKAMBY)</td>
<td></td>
<td>See fdf.org.uk</td>
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<tr>
<td>UNAFPA - Union of Organisations of Manufacturers of Pasta Products of the EU</td>
<td>sector trade association</td>
<td><a href="http://www.pasta-unafpa.org">www.pasta-unafpa.org</a></td>
</tr>
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<td>UNESDA - Union of European Soft Drinks Associations</td>
<td>sector trade association</td>
<td><a href="http://www.unesda.eu">www.unesda.eu</a></td>
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<td>United Kingdom Association of Frozen Food Producers (UKAFFP)</td>
<td>Trade</td>
<td>See fdf.org.uk</td>
</tr>
<tr>
<td>United Kingdom Tea and Infusions Association (UKTIA)</td>
<td></td>
<td><a href="http://www.tea.co.uk">www.tea.co.uk</a></td>
</tr>
<tr>
<td>USP</td>
<td>United States Pharmacopeial Convention</td>
<td><a href="mailto:KXB@usp.org">KXB@usp.org</a></td>
</tr>
<tr>
<td>WFA</td>
<td>World Federation of Advertisers</td>
<td><a href="mailto:w.gilroy@wfanet.org">w.gilroy@wfanet.org</a></td>
</tr>
<tr>
<td>WFPHA</td>
<td>World Federation of Public Health Associations</td>
<td><a href="mailto:ajones@georgeinstitute.org.au">ajones@georgeinstitute.org.au</a></td>
</tr>
<tr>
<td>WG PAT</td>
<td>Working Group on Prolamin Analysis and Toxicity</td>
<td><a href="mailto:martin.stern@med.uni-tuebingen.de">martin.stern@med.uni-tuebingen.de</a></td>
</tr>
<tr>
<td>Wholesome Food Association (WFA)</td>
<td>Trade</td>
<td><a href="http://www.wholesome-food.org">www.wholesome-food.org</a></td>
</tr>
<tr>
<td>Organisation</td>
<td>Details</td>
<td>Website / Email</td>
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<td>----------------------------------</td>
</tr>
<tr>
<td>Wine and Spirit Trade Association</td>
<td>The Wine and Spirit Trade Association - The WSTA represents over 340 companies producing, importing, exporting, transporting and selling wines and spirits in the United Kingdom.</td>
<td><a href="http://www.wsta.co.uk">www.wsta.co.uk</a></td>
</tr>
<tr>
<td>WOF</td>
<td>World Obesity Federation</td>
<td><a href="mailto:tlobstein@worldobesity.org">tlobstein@worldobesity.org</a></td>
</tr>
<tr>
<td>WPHNA</td>
<td>World Public Health Nutrition Association</td>
<td><a href="mailto:B.M.Margetts@soton.ac.uk">B.M.Margetts@soton.ac.uk</a></td>
</tr>
<tr>
<td>WPTC</td>
<td>World Processing Tomato Council</td>
<td><a href="mailto:colvine@tomate.org">colvine@tomate.org</a></td>
</tr>
<tr>
<td>WRO</td>
<td>World Renderers Organization</td>
<td><a href="mailto:world@nationalrenderers.com">world@nationalrenderers.com</a></td>
</tr>
<tr>
<td>WSMI</td>
<td>World Self-Medication Industry</td>
<td><a href="mailto:admin@wsmi.org">admin@wsmi.org</a></td>
</tr>
<tr>
<td>WSRO</td>
<td>World Sugar Research Organization</td>
<td><a href="mailto:rre@wsro.org">rre@wsro.org</a></td>
</tr>
<tr>
<td>WVA</td>
<td>World Veterinary Association</td>
<td><a href="mailto:secretariat@worldvet.org">secretariat@worldvet.org</a></td>
</tr>
<tr>
<td>YLFA</td>
<td>Association of Yoghurts &amp; Live fermented milks</td>
<td><a href="mailto:c.lambert@ylfa.org">c.lambert@ylfa.org</a></td>
</tr>
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</table>
Annex 10 Division of Responsibility For Food Law In The UK\textsuperscript{22}

Feed and food safety and standards are devolved matters in the UK. The FSA has responsibility at central Government level for the main body of feed and food safety law in England, Wales and Northern Ireland, with dedicated offices working to the relevant Parliaments in England and Wales and the Northern Ireland Assembly.

Food Standards Scotland (FSS) was established 1 April 2015 as the national food body for Scotland, with responsibility for those central Government functions previously carried out by the FSA in Scotland. The Food Law Guide therefore does not include details on food law in Scotland.

Following machinery of government changes introduced in 2010, FSA responsibilities for food law across England Wales and Northern Ireland is no longer harmonised.

- **In England**, Defra is responsible for food labelling, other than for matters of food safety such as ‘Use By’ dates and Allergens Labelling etc. The Department of Health has central government responsibility for nutrition-related food legislation in England.

- **In Wales**, the FSA retains responsibility for general food labelling. The Welsh Government is Responsible for nutrition related to food legislation.

- **In Northern Ireland** the FSA retains responsibility for general food labelling and nutrition related to food legislation.

See tables below.

In addition to these agencies, the National Food Crime Unit has been established as a criminal intelligence function within the FSA to improve understanding of the food crime threat at a strategic level and to identify specific instances of dishonesty within food supply chains and to instigate action by others capable of addressing it.

\textsuperscript{22} FOOD STANDARDS AGENCY FOOD AND FEED LAW GUIDE Updated January 2018
<table>
<thead>
<tr>
<th></th>
<th>General</th>
<th>Import Controls</th>
<th>Labelling</th>
<th>Composition &amp; Standards</th>
<th>Biological Safety</th>
<th>Chemical Safety</th>
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<td><strong>FSA</strong></td>
<td>Food safety, Traceability, Hygiene controls, food incidents, Rapid Alert System for Food and Feed (RASFF)</td>
<td>Public Health aspects of food &amp; feed</td>
<td>Food Safety aspects (inc. allergens) only Feed safety, nutritional content and PARNUTS</td>
<td>Standards for feed materials as set out in the feed catalogue</td>
<td>Transmissible Spongiform Encephalopathies (TSEs)(^{23})</td>
<td>Food and feed additives, Contaminants, Food contact materials Chemical Safety of Feed</td>
<td>Genetically Modified (GM) food and feed</td>
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<tr>
<td><strong>Defra (and Defra Agencies)</strong></td>
<td>Animal By-Products Feed ban</td>
<td>Animal By-products</td>
<td>All - Beef Labelling &amp; protected food names Labelling General where not related to food safety or nutrition</td>
<td>Organic Products Composition &amp; Standards except for food for particular nutritional uses</td>
<td>TSEs</td>
<td>Medicated feed, Specified Feed Additives, Residues of Veterinary Products (VMD(^{24}))</td>
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<td><strong>Dept. of Health</strong></td>
<td>N/A</td>
<td>N/A</td>
<td>Foods for Particular Nutritional Uses Nutrition and Nutritional Health claims (England)</td>
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<td><strong>HSE (CRD)</strong>(^{25})</td>
<td>N/A</td>
<td>N/A</td>
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<td>Pesticide Residues Biocide products</td>
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\(^{23}\) In relation to specified risk material, mechanically separated meat and slaughtering techniques

\(^{24}\) Veterinary Medicines Directorate

\(^{25}\) Chemicals Regulation Directorate
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<th>General</th>
<th>Import Controls</th>
<th>Labelling</th>
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<td>FSAW</td>
<td>Traceability, Hygiene, Rapid Alert System for Food and Feed (RASFF)</td>
<td>Public Health aspects of food &amp; feed</td>
<td>All General Labelling, Food safety aspects</td>
<td>All except for organic products</td>
<td>Transmissible Spongiform Encephalopathies (TSEs)(^\text{26}) in relation to food for human consumption</td>
<td>Food and feed additives, Contaminants, Food contact materials Chemical Safety of Feed</td>
<td>Genetically Modified (GM) food</td>
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<td>Welsh Government</td>
<td>Animal By-Products Feed ban</td>
<td>Animal By-products</td>
<td>Nutrition and Nutritional Health Claims Foods for Specific Groups, (replaced Foods for Particular Nutritional Uses) Beef Labelling &amp; protected food names</td>
<td>Organic Products</td>
<td>TSEs in relation to animal disease</td>
<td>Medicated feed, Specified Feed Additives, Residues of Veterinary Products</td>
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\(^\text{26}\) In relation to specified risk material, mechanically separated meat and slaughtering techniques
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<td>N/A</td>
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<td>Pesticide Residues</td>
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27 In relation to specified risk material, mechanically separated meat and slaughtering techniques