



Pet Food Manufacturers' Association

23 September 2017

AGENDA

- Overview of UK/EU pet food industry Michael Bellingham (PFMA)
- Pet Food Exposed: Behind the scenes of Pet Food Industry:
 - ➢ Feeding the aging pets; nutritional needs of senior cats and dogs Richard Butterwick (WALTHAM Centre for Pet Nutrition)
 - ➢ Standardising the predictive equations to determine energy density in pet food - Thomas Brenten (Fediaf Nutrition & Analytical Science Working Group)
 - Manufactured Raw, sector-specific guidelines, approaches of different EU countries and national associations Claire Miller (PFMA Veterinary & Nutrition Committee and Raw Pet Food Group)
 - ▶ PARNUTS: Background and where we are Lisa Conboy (Fediaf PARNUTS Task Force)



Who we are

PFMA is a trade association representing the UK pet food industry.

- Established in 1970
- Has 76 member companies
- Accounts for over 90% of the UK pet food market



PFMA Aims & Objectives

- Promote pet/bird food products
- Promote responsible pet ownership
- Raise standards in the pet food industry
- Nepresent members' views
- Share knowledge & keep members well informed
- Stimulate the growth & reputation of the industry



PFMA Secretariat

Offices: Covent Garden, London

4 Permanent members of staff



- Michael Bellingham- Chief Executive
- Lynn Insall Technical and Brexit support
- Nicole Paley Communications
- Sarah Hormozi Veterinary and Nutrition



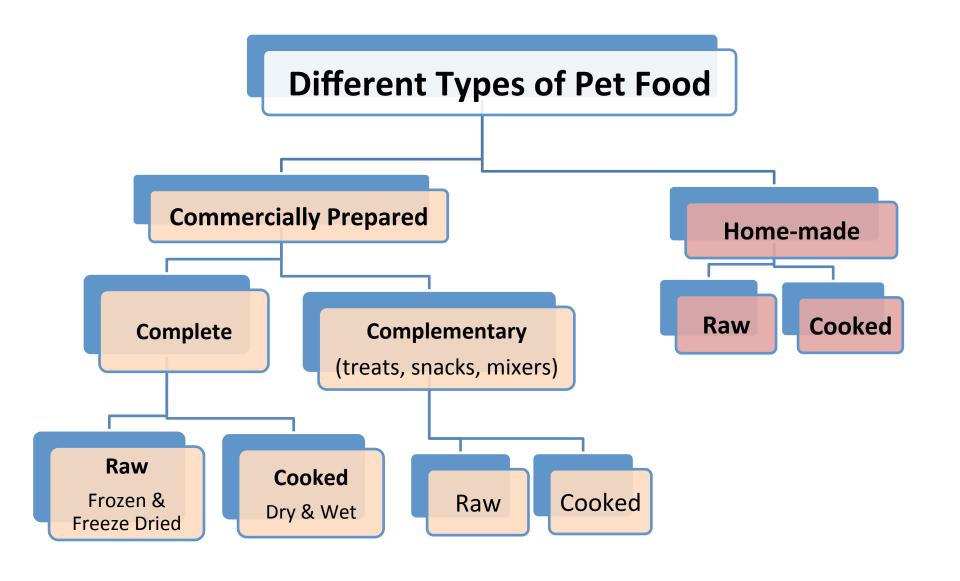




List of PFMA members

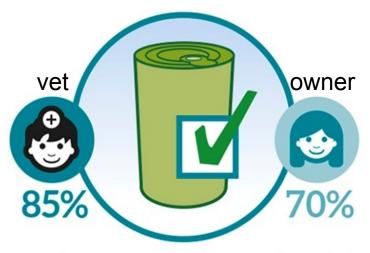


Link: www.pfma.org.uk/members-of-pfma/

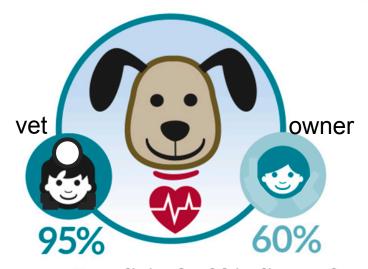


Benefits of Prepared Pet Food

- Nutritionally balanced and complete
- Breed specific and life stage diets
- Research and development
- Nutritional advantages (functional ingredients, dietetics)
- Environmental advantages

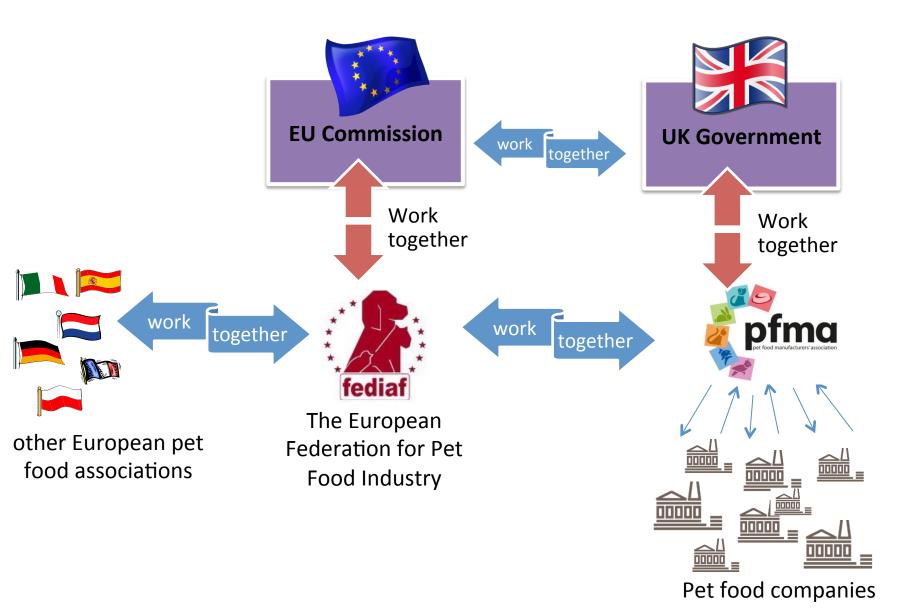


agree that commercially prepared pet food provides optimum nutrition when fed correctly



agree pets are living healthier lives and advanced nutrition played a key role

How is the industry regulated?



Pet Food Legislations

EUR-Lex Access to European Union law

Over 50 pieces of legislation on:

- Animal By-Products
- Labelling
- Additives
- Feed Hygiene
- TSE (Transmissible Spongiform Encephalopathies)
- **GM** (Genetically modified organisms)
- PARNUTS (Dietetics)
- Environmental issues
- Weights and Measures



REGULATIONS ION REGULATION (EU) No 142/2011





Industry Guidelines & Codes of Practice



Raising the standards for the manufacturers

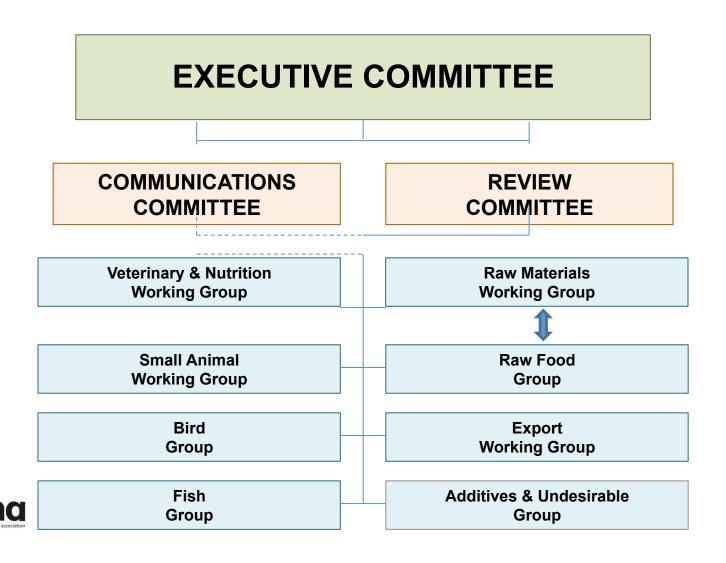
- Guide to Good Practice for the Safe Manufacture of Pet Food
- Code of Good Labelling Practice for Pet Food (communications)

FEDIAF Nutritional Guidelines

- for Cats and Dogs
- for Pet Rabbits



PFMA Committees & Groups





1	Fish in tanks	15-20 million	
2	Fish in ponds	15-20 million	*
3	Dogs	8.5 million	Car .
4	Cats	8 million	4
5	Rabbits	900,000	4
6	Indoor birds	700,000	A.
7	Domestic Fowl	600,000	Å
8	Guinea pigs	500,000	
9	Hamsters	300,000	ğ
10	Horses	300,000	





UK Pet Food Market







EUROPEAN MARKET





Annual sales of pet food products:

Volume: 8.5 million tons Turnover: € 19.5 billion

Total Europe: 102,739,280









Dog

Top 5 pets in Europe











Small mammal*





Reptile* Smell Babbic States





Who we work with

PFMA has frequent discussions with many other bodies and contacts

- FSA, Trading Standards
- Defra, APHA
- MPs, APGAW, PAC, Welfare Organisations (RSPCA etc)
- BPC, BMPA, FABRA, UKRA, BAFSAM, PFI, BRC
- BVA, BVNA, BSAVA
- Universities
- Industry experts





Important Issues

Current and future focuses of PFMA

- 🌃 Real truth about Pet Food
- Pet Obesity prevention
- Figure 2 to the second of the
- * Additive re-authorisation
- Tundesirable substances maximum levels
- This interpretation issues with regulations
- Timports/exports issues
- Nutritional guidelines & PARNUTS
- Tabelling **







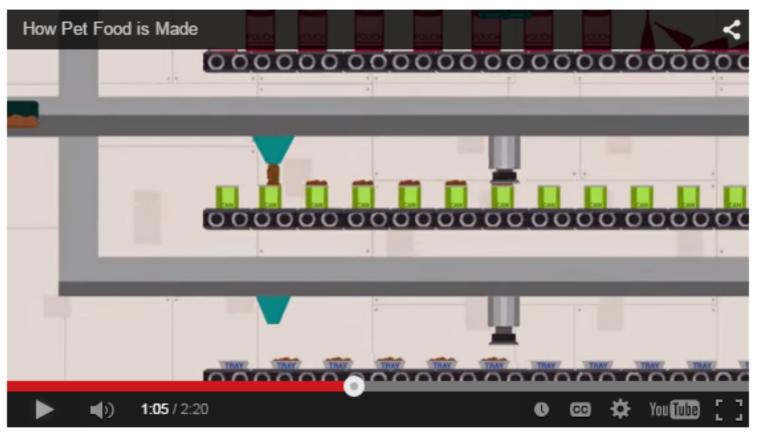
Pet Obesity Campaign



How is pet food made? What is in it?



Watch our short animated film



FACT SHEET

Pet food labelling fulls under EU legislation for animal feed. It doesn't have it's he rules for human food either, Some er than the pet owner.

> n key pieces of information including a Composition's, additives and a nutrition os'l along with feeding guidelines.



FACT SHEET

Pet Food Fact Sheets



d in both human and pet food to help ensure quality, safety,

ncy, appearance, odour or taste. Some additives are derived urring materials (usually plants) and others are manufactured



For some owners providing home prepared meals for their pet is an appealing idea. Shopping, hand selecting the ingredients and preparing the meal seems a goodway to show their love. While this counds caraight forward enough, the reality is different and unless you have developed a meal plan with a dedicated veterinary veterinary nutrition expens throughout Europe. nutritionist, there is a strong risk you won't be providing the necessary nucrition. A dog for inscance needs around 37 nucrients. in his daily diet for healthy bodily function and a car, over 40.

Are Homemade Diets a Viable Alternative?

Note recipes for homemade diess are nutritionally deficient

A study at the University of California, Davis School of Veterinary An occasional home prepared meal can be enjoyed by dog and Medicine analysed 200 different recipes for home prepared dog foods. Recipeswere selected from websites, veterinary rest books, and per care books. The findings highlighted that \$5% of the recipes. were deficient in at least one essential nutrient and 64% were lacking in multiple required nurrience. While: providing a numitionally balanced diet from home is not impossible, these results show it is a complicated task with very little margin for error. Caloria control can also be difficult.

Expert formulated diese

Most per food products on the market are designed to provide total. numbers for peer. These products will have the term 'complete' on the per food packet. "Complete" is a legal definition and the product must by law contain all the nutrients a pet needs in the right proportions. Relancing the right quantities of prosein, for, fibre and carbohydranecalising with the specific vitamins, minerals, fany acids. and amino acids is complex but that is the day in day out responsibility of per food manufacturers.

Members of the PEMA formulate their diess in line with the FEDIAF Nurritional Guidelines for Case and Dogs. These guidelines detail. the numitional needs of case and dags at the waying life-stages. from growth to centor and they are peer reviewed by independent

Providing a per with a 'complete' per food is akin to a person having their meals routinely put together by a human nutritionies.

Can I home-cook occasionally?

owner alike. If it is 'occasional' it won't inserrupt the nutritional. balance of the overall feeding regime but places be careful to avoid foods that are spic to peet.

Certain foods can be static for pessingluding-ordens, gartic, raising, grapes, chocolore, avocados, cercain nust and sylinal-sweetened



More advice on diets and nutrition can be found at www.plma.org.uk/

University of California, Casin Muhaul of Victoriany Medicine "Homewatersing hard majors can be a risily business, study final (10 July 2013)





pet food is strictly regulated

dditives

erates to stringent standards and complies ces of legislation to produce pet foods of the afety. As part of this, all prepared pet foods bers of the PFMA are required to comply with wes in pet food and enforce EU legislation.

ives on the grounds of safety, technical need risation process is rigorous and additives are As part of this process, if safety requirements es are not approved for use repardless of how the particular additive might be.

Examples of the use of additives in pet food

FOOD SAFETY AND LONGEVITY

Preservatives and antioxidants are two specific categories of additives that are very important for maintaining food safety as well. as extending the shelf life of a product. Spoiled foods if consumed lations 2015. These regulations cover the use carry the risk of food poisoning and both preservatives and antioxidants help prevent spoilage from bacterial contamination and stop fats from going rancid.

BENEFITS OF ANTIOXIDANTS

The use of antioxidants goes beyond maintaining food safety and shelf life. Over the years research has emerged highlighting the benefits of anticyldants. Some manufacturers may add nutritional antioxidants e.g. vitamins C & E to pet foods to help promote good health and combat free radical damage to

BLOGGO **APLETE PET FOOD FOR ADULT DOGS**

a varies according to size, age and guide only, more detailed information ar obtained from the contact numbers.

It bod got bannes itter without typical economical that these figures are of and the most is a Mills mix of dry

ad opposite biscolar values describ to be

Ottom or imprediently, must and a al derivatives (ATL chicken), coronals, a and Mrs. minerals, serious sugars a

tonal Addisso: Vitamin SS oy III. no Aug 10. Depart sulphete. matroles a mg. Eric suiphate

priced constituents (NJ, Protein St. ole Fibres 1.5, Fat contant 16. erylad Residue S.

Roat pet hooks are made from a recipe using neveral impredients. These reproducts will be listed under composition in descending order of weight. This can be indicated by category e.g. must and animal derivatives, which have been set by the regulations, or the label might provide a full individual ingredients listing which looks more like a human food label.

Mast and animal derivatives - This category describes primal based ingredients used in set foods from including dairy which has it's own category) which are by products of the human food industry. For instance, offst - a highly nutritious ingredient enjoyed by many people in other countries but not popular with the UK consumer. The ingredients come from animals slaughtered under witerinary

SEN obligated mass F

BUDBNISHA

Each pet had recipe includes a bland of different impredients which are all combined into a food which will meet, in part or antirely, the daily nutritional requirements of the pet. The 4% declaration is a legal labeling requirement which represents the minimum parcentage content of the named ingredient, for example chicken, that is quaranteed to be present by the manufacturer Other nutritions must and animal derivatives can also be present.

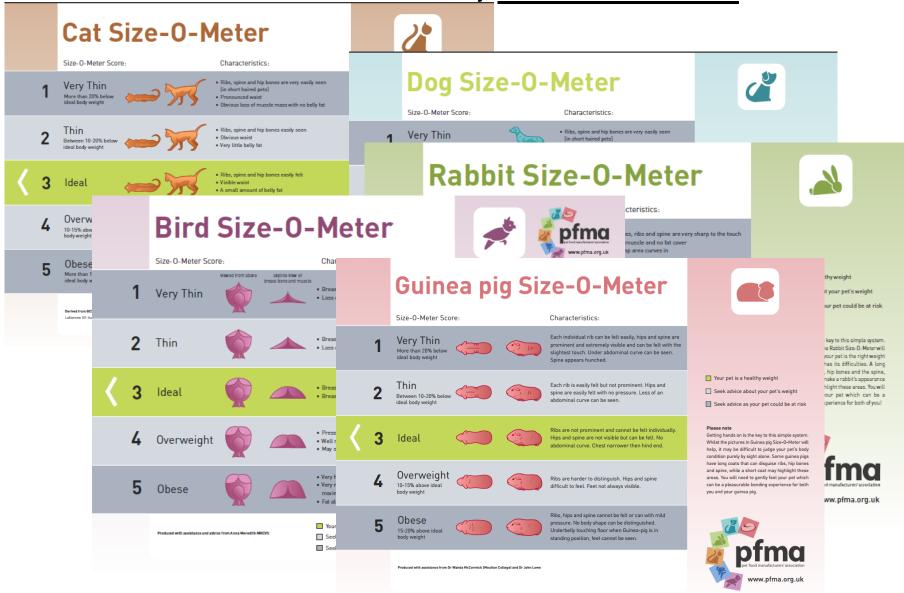


Learn more about our Fact Sheets: www.pfma.org.uk/fact-sheets/

Calorie Content of Pet Food Dogs & Cats Daily Energy Requirement (DER)



Tools and Recourses; Pet Size-O-Meters



http://www.pfma.org.uk/petometer.html