



SUMMARY

- Global Overview of Dog and Cat well-being
- Argentina (Latin America) perspective
- Nutritional approach for Product Development
- Conclusions
- Q&A



Pet care industry (pet food)

Fundamentals:

- Rising pet ownership
- More pet owners treating their pets as family members
- They are more willing to spend on their pets



Pet ownership is on the rise arround the world for a variety of reason. Many markets -particularly in the developed world— are seeing their populations age. With children having left home, many of these consumers are turning to pets for companionship. On the other side of the age spectrum, younger consumers are staying single and/or childless longer and view pets as a more than viable alternative to a partner and/or children



Pet humanisation in turns, is causing pet owners to evolve into "pet parents", which means that they are spending on pets as they would on their own children.

Consumer attitudes to pet food are increasingly resembling those seen in the baby food and baby care industry.



Premiumisation has resulted, price has become a secondary consideration and consumers are more willing to pay a premium for products that increase longevity and improve the quality of a pet's life.



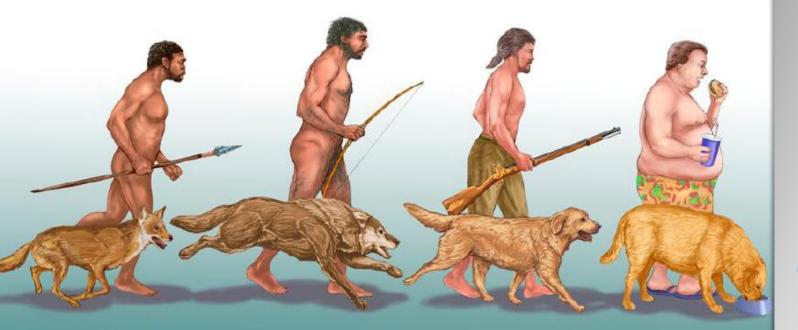
Hai BACKGROUND

- The human-animal bond is a mutually beneficial and dynamic relationship between people and other animals that is influenced by behaviours that are essentials to the health and well-being of both.
- This includes but is not limited to, emotional, psycological and physical interactions of people, other animals and the environment (J.A.V.M.A. 205(11)L: 1675, 1998).



CHANGING HABITS

Evolutionary Pressure to Conserve Fat



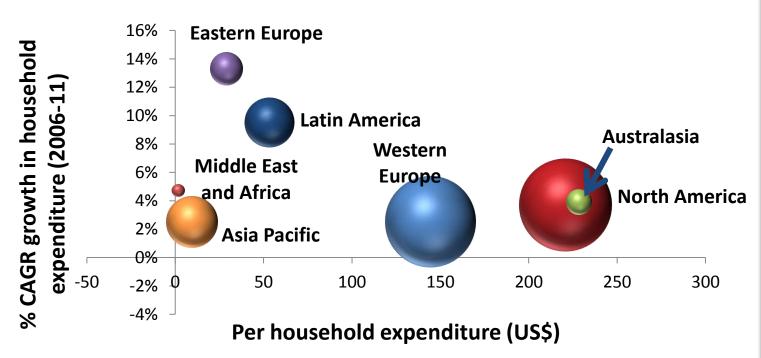


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OVERALL SALES GROWTH AND PER HOUSEHOLD SPENDING IN PET CARE 2011







ARGENTINEAN PETFOOD MARKET

 Measured by CAENA (Cámara Argentina de Empresas de Nutrición Animal)

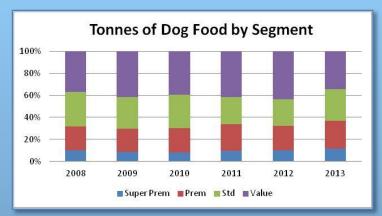
Voted by petfood companies, twice a year

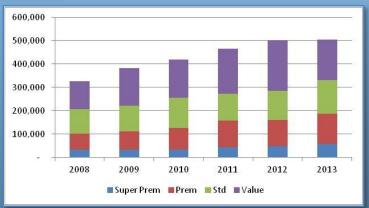
Data are clasified by price range

 Volume is adjusted for companies not affiliated with this trade organization



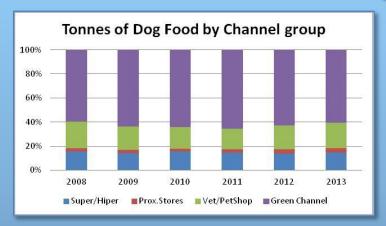
ARGENTINA: Dog food market







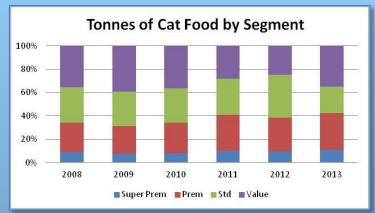
ARGENTINA: Dog food market

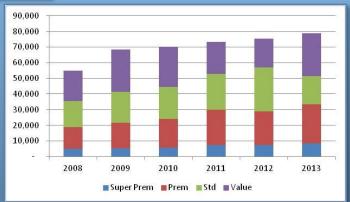






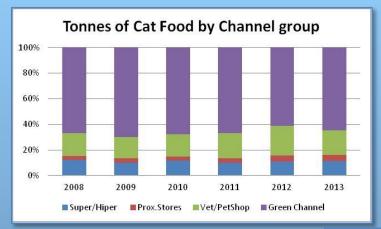
ARGENTINA: Cat food market

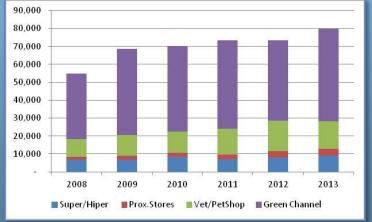






ARGENTINA: Cat food market







INGREDIENT CONSIDERATIONS



Proteins

- Bovine and poultry
- Soybean
- Corn gluten



Fats

- Poultry fat
- Beef tallow
- Vegetable oil

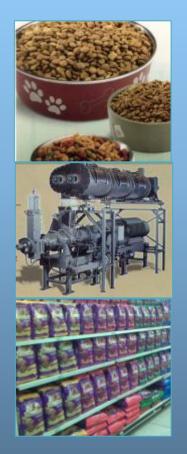


Carbohidrates

- Corn
- Rice
- Wheat



EQUIPMENT CONSIDERATIONS



Mainly dry petfood

Single shaft extruders

Flexible packaging



COMMERCIAL DISTRIBUTION



Dealers or Green Channel (Feeds and Farm stores)



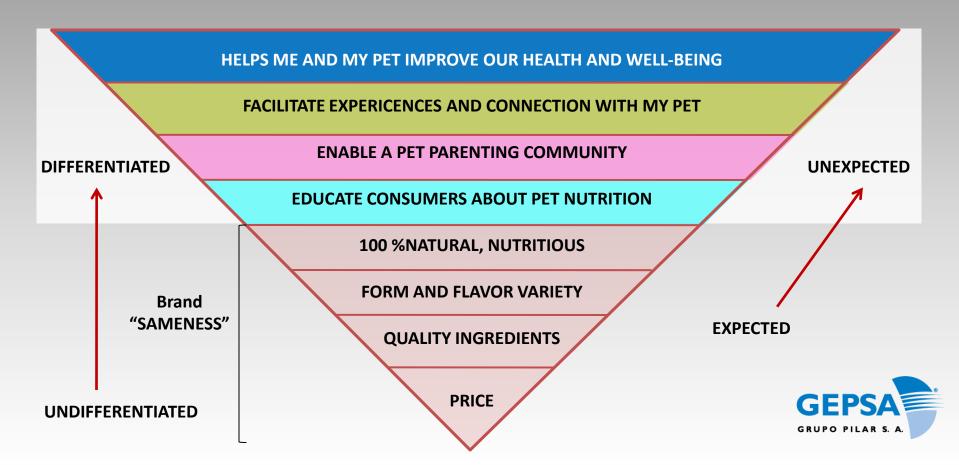
Grocery Channel (Hyper, Super and Proximity stores)



Petshop and Vets stores



PETFOOD BRAND VALUE PROPOSITION



AS FORMULATORS WE MUST....

Relevant communication creates engagement... and that means we're talking to consumers about something that's new, interesting and that they will care about...





Pompy, an almost 12-year-old Labrador suffered from arthritis.

She went from an aging hound in pain to joyful puppy after treatment...

without any evidence derived from clinical and nutritional theraphy



INTEGRATE HUMAN AND PET WELL-NEEDS...





Pet humanisation leads to specialised formulas addressing:

- Digestive Intestinal health
- Inmune response Longevity
- Wheight loss management
- Sensitive skin
- Arthritis relief
- Urinary tract health
- Heart health
- Hepatic protection

















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CONSIDERATIONS

- Food intake
- Level of nutrients (Min. / Max.)
- Balance and Relationship between nutrients
- Bio availability of nutrients
- Shelf life of the feed
- Feeding practices
- Well-being of the animals



DIGESTIVE - INTESTINAL HEALTH

- Combination of vegetables fibers such us: MOS, FOS, beet pulp
- High digestibility proteins and carbohidrates
- Use of toxic binding agents and adsorbants



INMUNE SYSTEM RESPONSE IN PUPPIES

- Natural antioxidants, such us Vitamin E and C
- Organic minerals mainly Se
- Lutein and other other alcoholes such us polifenoles
- Beta glucans from brewers yeast



WEIGHT LOSS MANAGEMENT

- Low calorie diets
- High fiber formulas
- Inclusion of L-Carnitin to avoid cell damage



COAT HEALTH - SENSITIVE SKIN

- Essential fatty acids such us Omega3 and 6
- Increased levels of many vitamins and organic minerals



ARTICULAR PROTECTION

 Use of chondro protection agents such us Chondroitin sulfate,
 Glucosamine chloridrate, Organic Mn



URINARY TRACT HEALTH

- Low levels of Ash
- Use of acidifiers to control urine pH
- Controled levels of Mg
- High caloric diets to reduce mineral intake



CARDIAC PROTECTION

- Formulas with controled levels of Na and P
- Inclusion of L-Carnitine and taurine
- Use of ingredients such us Green tea to provide polifenoles to control oxidative stress and tisular perfusion



HEPATIC PROTECTION

- Diets with low levels of Cu and increased levels of Zn to diminish the concentration of Cu in hepatocites
- Reduction of Na to diminish portal vein pressure
- Use of natural antioxidants to promote hepatocite health



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IN ARGENTINA AND LATIN AMERICA...

We expect:

- Pet owners to spend more on health and wellness products
- Pamper their pets more with treats, toys and accessories as well as grooming kits
- New formulas that address nutritional impairements





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