

(A free translation of the original in Portuguese)

# Ourofino Day

*IPO YEAR 1*

*Fábio Lopes Junior*  
*CFO and IRO*



We would like to thank all of you who, over the last year, supported the Ourofino project.

It is with great pleasure that we celebrate with you, stockholders, analysts, executives and employees, our **One Year Anniversary of IPO.**

Welcome to **Ourofino Day!**

# Ourofino Day

## Program

<b>10/28/15</b>	
7:30am	<b>Welcome Coffee</b>
8am	<b>Financial Results and 3Q15 9M15</b> Fábio Lopes Júnior (CFO and IRO)
8:30am	<b>Strategy and outlook for the Company</b> Dolivar Coraucci Neto (CEO)
9am	<b>R&amp;D Strategy</b> Sandra Barioni Toma (R&D director)
9:30am	<b>Coffee</b>
10am	<b>Companion Animals</b> <b>Market outlook</b> Guest Speaker  <b>Ourofino's strategy for companion animals</b> Veronica Martins (Commercial Director for Companion Animals)
11am	<b>Production Animals</b> <b>Market outlook (beef and dairy cattle)</b> Guest Speaker  <b>Ourofino's strategy to segment</b> Eduardo Gregio (Commercial Director for Production Animals)  <b>Customers in the industry panel: cooperative, reseller and farmer</b>
13pm	<b>Lunch</b>
14:30 pm to 17:30pm	<b>Site visit to the Veterinary Research Center – Experimental Farm</b> Beef cattle handling Dairy cattle handling Swine handling Training Center for Artificial insemination
<b>10/29/15</b>	
9am to 11:30am	<b>Site visit to Ourofino's facility</b> R&D and Quality Control laboratories Pharmaceutical Veterinary facility Vaccines facility

### USE OF IPO RESOURCES

- Launch of products
- Platform of Biotechnology
- Globalization
- Leverage reduction

### GOVERNANCE

### FINANCIAL RESULTS

- Resilience of results
- Performance of the Company's shares

The background of the slide features a dark blue gradient with a faint, semi-transparent financial chart. The chart includes a line graph showing an overall upward trend with some volatility, and a bar chart below it with bars of varying heights. The text is positioned on the right side of the chart area.

# USE OF IPO RESOURCES

### Pipeline

✓ 2014: Launch of 4 new products  
(October - December/2014)



✓ 2015: Launch of 7 new products  
(January - September/2015)

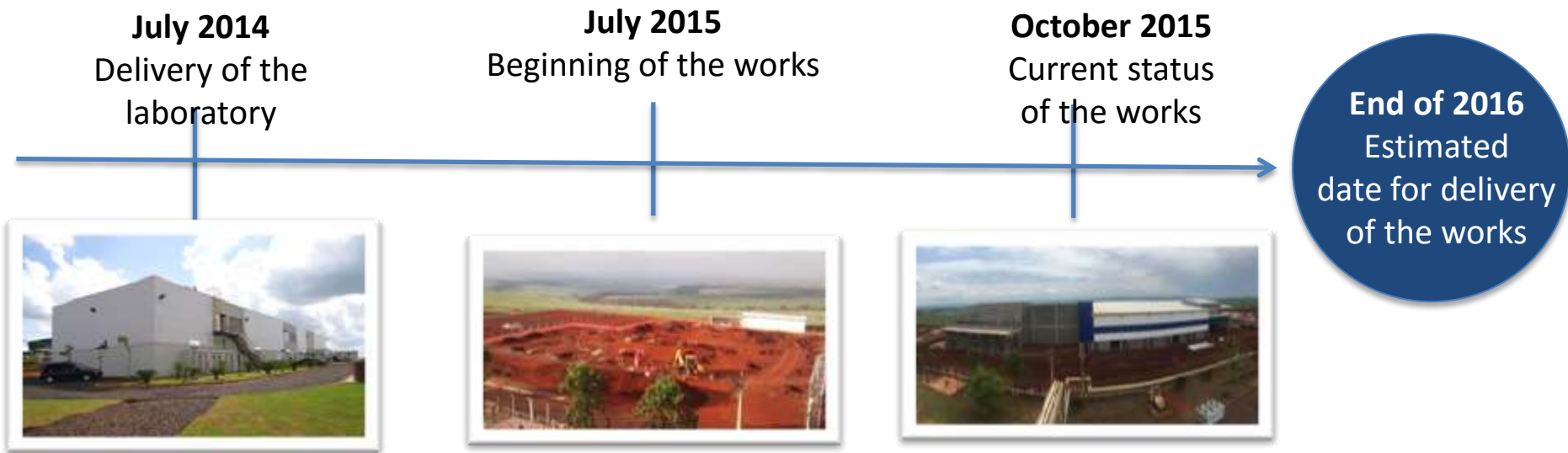


### Investments in RDI)

✓ R\$ 24.9 million invested in the past nine months

## Use of IPO Resources Platform of Biotechnology

### Delivery schedule



### DEVELOPMENT AND REGISTRATION OF PRODUCTS

## Use of IPO Resources Globalization



Mexico



Strengthening of our presence in Mexico with the expansion of the commercial team through the hire of ten new staff members, enlargement of the customer base and approximately 70% increase in sales.



Colombia

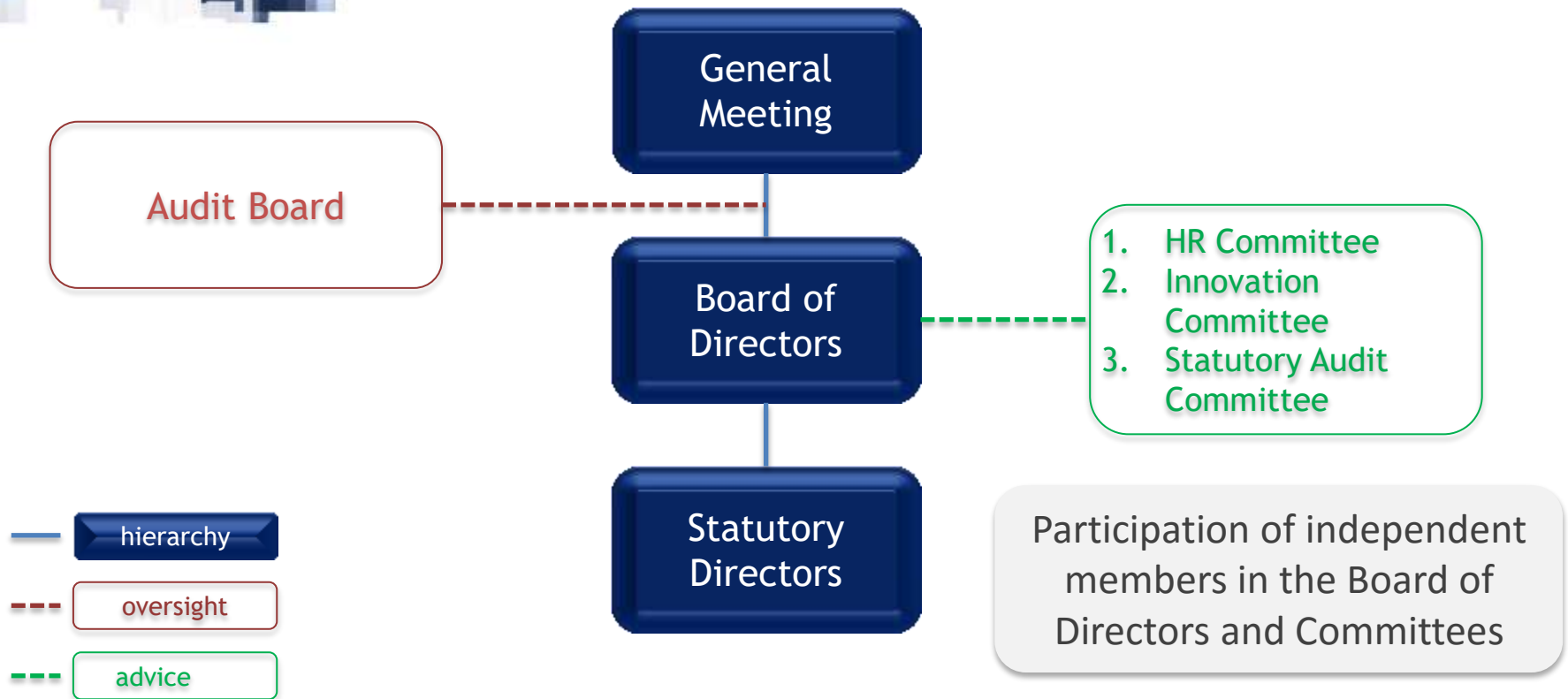


Acquisition of our local distributor in Colombia, for the purpose of expanding the company's presence in that country. Start of own sales in September 2015.



The background of the slide features a dark blue gradient. In the upper half, there is a faint, semi-transparent line graph with a grid, showing an overall upward trend with some fluctuations. In the lower half, there is a bar chart with various bars of different heights and shades of blue and white, also appearing semi-transparent. The word "GOVERNANCE" is prominently displayed in the center-right area.

# GOVERNANCE



## Audit Board

- Hugo Carvalho - Appointed by BNDES
- Luiz Baptista
- Cesar Campezz

## Deputies

- Gabriel Biscaia - Appointed by BNDES
- Lucio Faria
- Paulo César Lima

## Board of Directors

### Regular Members

1. Norival Bonamichi - Chairman
2. Jardel Massari - Vice-Chairman
3. Pedro Novis - Independent Board Member

4. Luiz Souto - Independent Board Member
5. Martin Escobari - GA

## Statutory Directors

- Dolivar Coraucci - CEO
- Fábio Lopes Júnior - CFO and IRO

## Statutory Audit Committee

### Members of the Committee

- Luiz Souto - Independent Board Member
- Frederico Carvalho - GA
- Eduardo Scarpellini - Auditor

## Innovation Committee

### Members of the Committee

- Dolivar Coraucci Neto - CEO
- Pedro Lichtinger - Regular Board Member
- Sandra Barioni - RDI Director

## HR Committee

### Members of the Committee

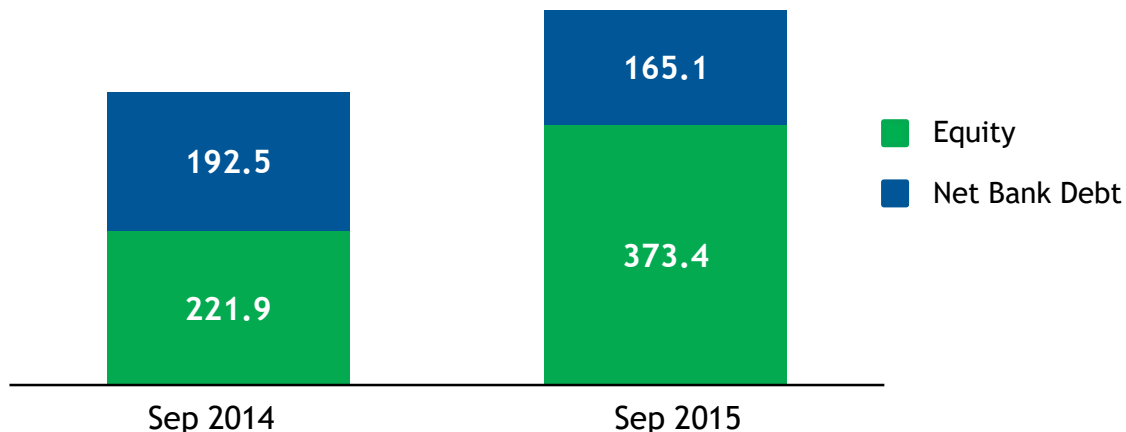
- Martín Escobari - GA
- Dolivar Coraucci Neto - CEO
- Carla Marçal - HR Director

The background features a dark blue gradient with a faint, semi-transparent financial chart. The chart includes a line graph showing an overall upward trend with some volatility, and a bar chart below it with bars of varying heights. The text 'FINANCIAL RESULTS' is overlaid on the right side of the image.

# FINANCIAL RESULTS

### Net Bank Debt x Equity

(R\$ million)



Net Bank Debt / Equity	0.89x	0.44x
Net Bank Debt/Adjusted EBITDA	3.02x	2.08x
Average cost of debt (year) <sup>1</sup>	7.03%	6.75%

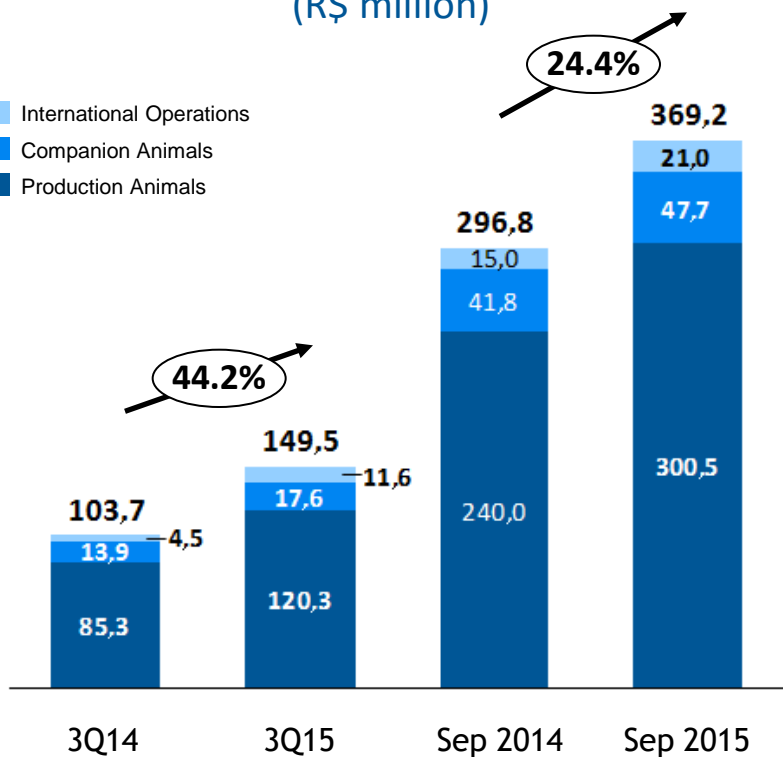
<sup>1</sup> Average cost determined on the net debt of derivatives

## Financial results Resilience of results

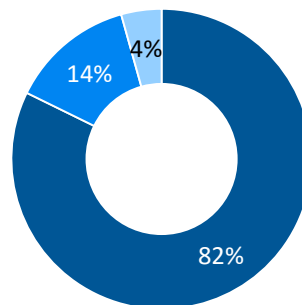
### Net Revenue - Contribution

### Net Revenue - Evolution (R\$ million)

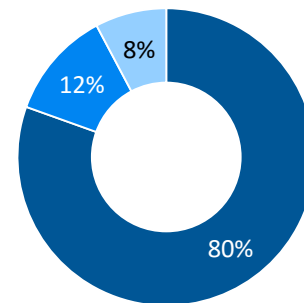
- International Operations
- Companion Animals
- Production Animals



### Net Revenue - 3Q14 contribution

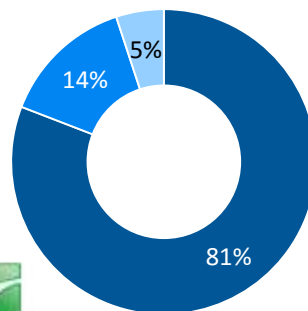


### Net Revenue - 3Q15 contribution

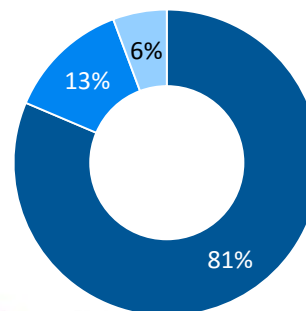


- Production Animals
- Companion Animals
- International Operations

### Net Revenue - 9M14 contribution



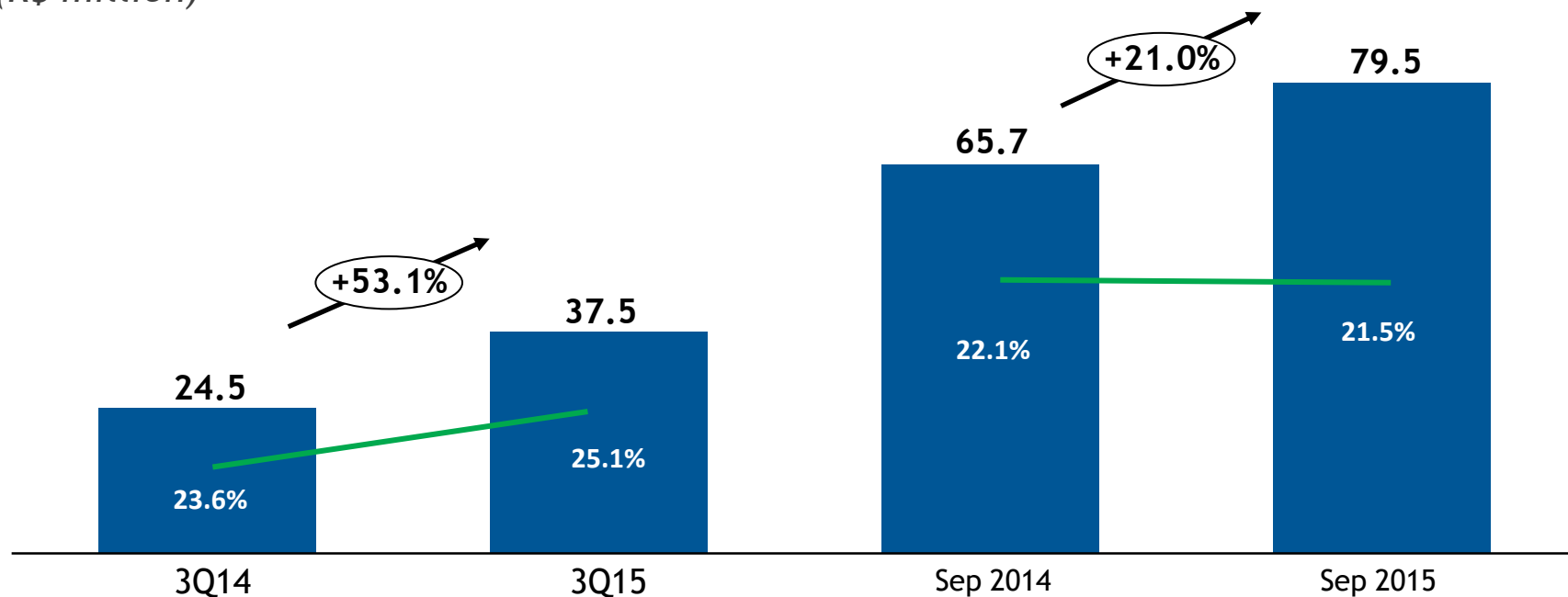
### Net Revenue - 9M15 contribution



- Production Animals
- Companion Animals
- International Operations

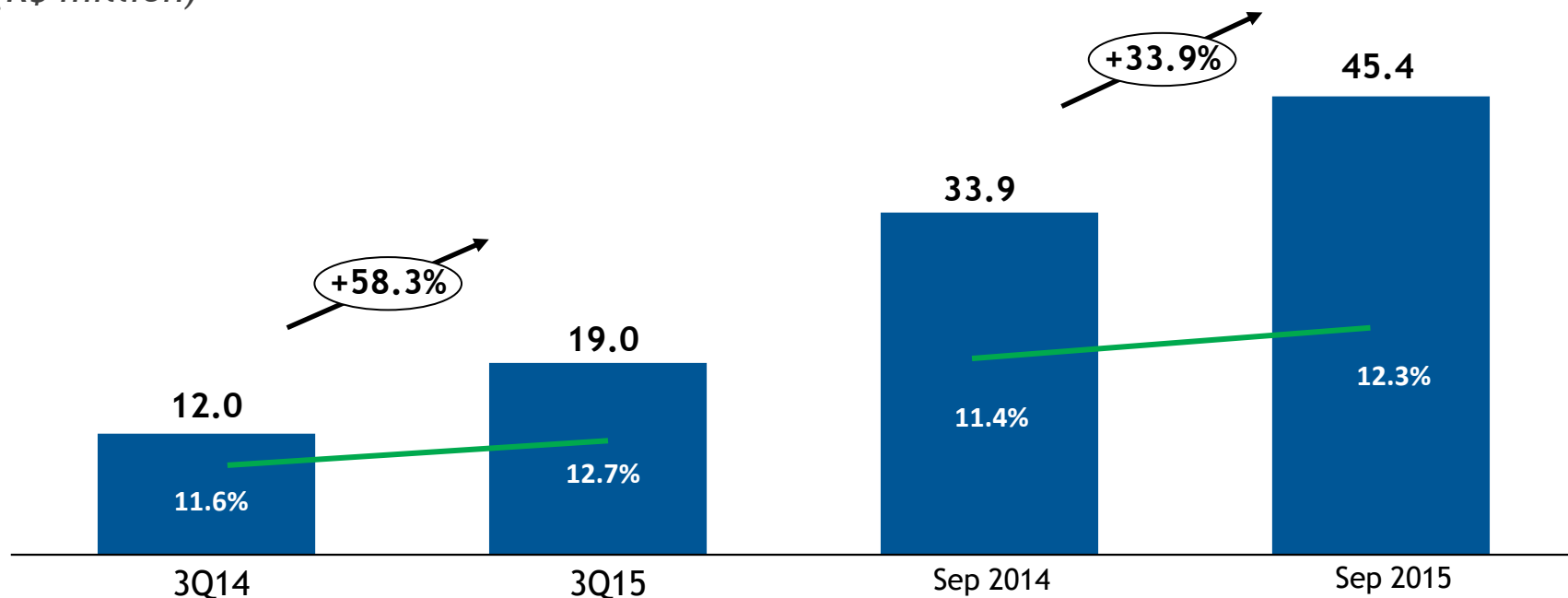
### Adjusted EBITDA - Evolution

(R\$ million)



### Profit from Continuing Operations

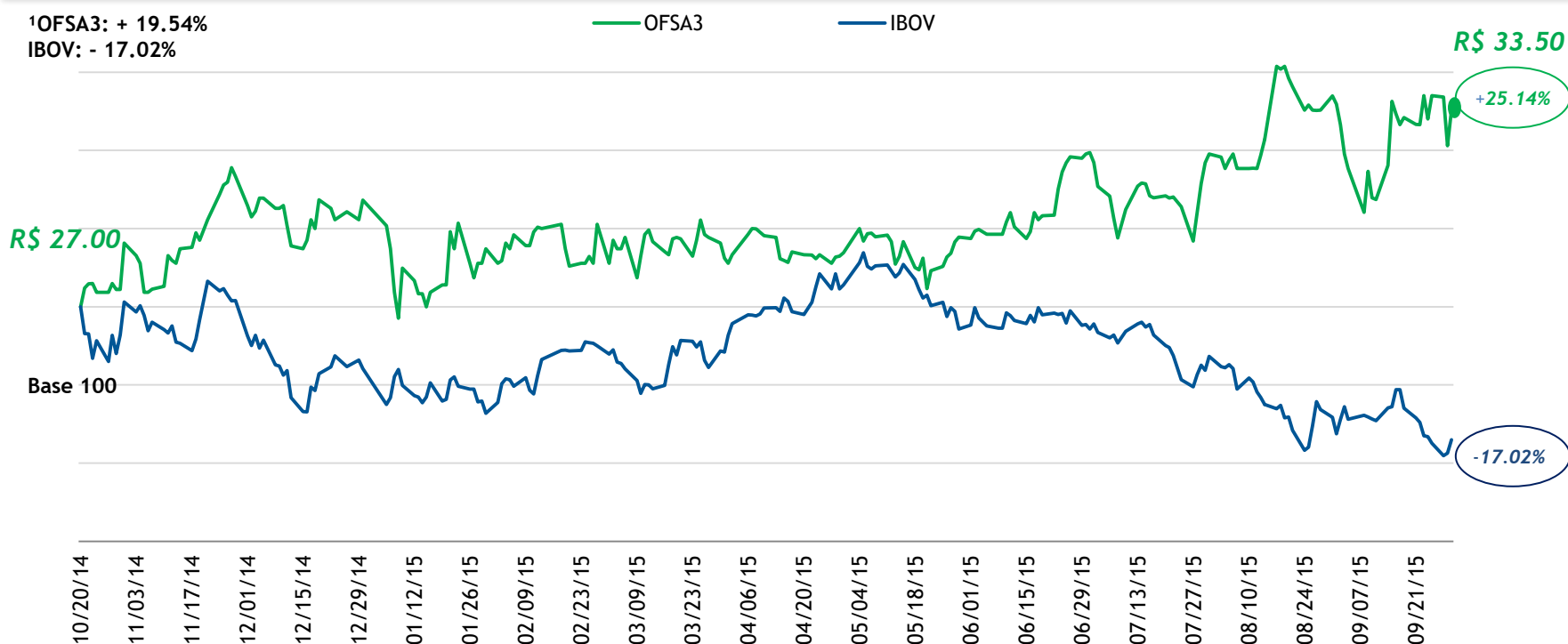
(R\$ million)





## Financial results Performance of the Company's Shares

### Performance of the shares above the market



<sup>1</sup> Average cost determined on the net debt of derivatives

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**THANK YOU!**

FÁBIO LOPES JÚNIOR

INVESTOR RELATIONS

[ri.ourofino.com](http://ri.ourofino.com)

[ri@ourofino.com](mailto:ri@ourofino.com)



# Ourofino Day

## *Company's Strategies and Prospects*

*Dolivar Coraucci Neto*  
**CEO**



- Current Business Growth
- Portfolio and RDI Growth
- Geographical Growth
- Assessment of M&A Opportunities

**WE SELL ANIMAL HEALTH, NOT VETERINARY PRODUCTS**

## Current business growth

✓ Pet

✓ Large Animals

## Portfolio and RDI Growth

✓ Pharmaceutical Products - Pets

✓ Pharmaceutical Products - Large Animals

✓ Biological Products - Pets and Large Animals.

✓ International Background

✓ Mexico

✓ Colombia

✓ Assessment of Opportunities

✓ Assessment of Partnerships

**ASSESSMENT OF M&A OPPORTUNITIES STRATEGICALLY ALIGNED  
WITH OUR BUSINESS**



# Current Business Growth



Megacities and rural exodus



Higher income



Ageing of the population



Fewer children (and more pets)



Higher demand for food



Food safety



- ✓ Launch of products in the coming years, including the Biological line and pharmaceutical products to fill in gaps in specific market segments
- ✓ Increase in market share - positive results from Points of Sale
- ✓ Closer rapport with the end customer
- ✓ Assessment of new methods of sale
- ✓ Technical qualification and training in the industry

## *Growth of Large Animals Line*



Growth in developing areas



Launch of products in the coming years, including the Biological line



Pipeline including innovative products



More effective participation in the integration of the protein chain



Closer contact with the rural producer

The background features a dark blue gradient with a faint grid. A white line graph with multiple peaks and troughs is overlaid on the grid. Below the line graph, there is a bar chart with numerous vertical bars of varying heights, some in white and some in light blue. The overall aesthetic is clean and professional, typical of a financial or data presentation.

# Portfolio and RDI Growth



Launch of products



RDI Projects - Pipeline



Assessment of opportunities



Open Innovation



Local and foreign partnership agreements

The background features a dark blue gradient with a faint grid. A white line graph with multiple peaks and troughs is overlaid on the grid. Below the line graph, there is a bar chart with various blue and white bars of different heights. The text 'Geographical Growth' is positioned on the right side of the image.

# Geographical Growth

- ✓ International background for the internal structure
- ✓ Consolidation in Mexico with the branch
- ✓ Acceleration of the process in Colombia with the branch
- ✓ Assessment of new markets and opportunities in Latin America
- ✓ Assessment of partnerships with companies already established in the segment, for distributing our line of products in other countries

The background of the slide features a dark blue gradient. In the upper left, there is a faint, semi-transparent line graph with a grid, showing an overall upward trend with some fluctuations. Below the line graph, there is a bar chart with various blue and white bars of different heights, representing data points. The word "Investors" is written in a clean, white, sans-serif font on the right side of the slide.

**Investors**

✓ Improvement in management indices with a focus on providing returns above those of the market to our investors

✓ Transparency and clear objectives



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**THANK YOU!**

DOLIVAR CORAUCCI NETO

INVESTOR RELATIONS

[ri.ourofino.com](http://ri.ourofino.com)

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# Ourofino Day

*Research,  
Development and  
Innovation - RDI*

*Sandra Barioni Toma*



The focus on searching, selecting and implementing RDI opportunities and projects is driven by Ourofino's *vision of the future* and *strategies*, which are translated into *technological corridors*.

*Our mission:* to translate Science and Research into solutions for animal health and business generation.

Over 115 RDI experts in animal health



An average of 6% of annual revenue invested in RDI by Ourofino Saúde Animal



Deep interaction with farmers and with companion animals and their needs



**Cooperation network**  
established with RDI  
institutions in America,  
Europe and Asia



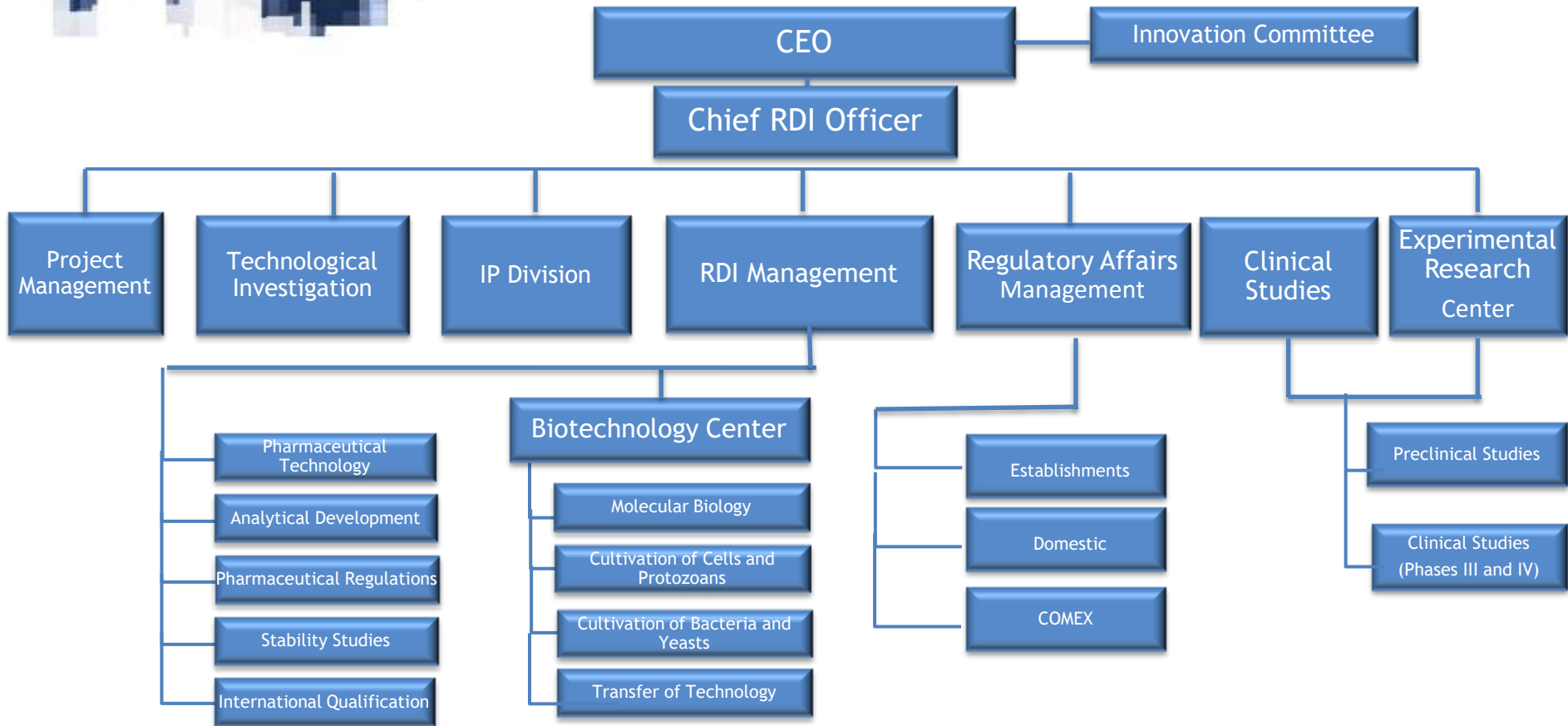
**Expertise** in a wide  
range of  
pharmaceutical  
formulations and  
vaccines



**Innovation Sources:**  
Suppliers, Customers,  
IP, RDI Partners,  
Employees, Road Map,  
analysis of  
technological gaps, and  
technological  
monitoring of  
competitors



# Organizational Structure



## *Open Innovation = Collaboration and Partnership*



Combine internal and external expertise

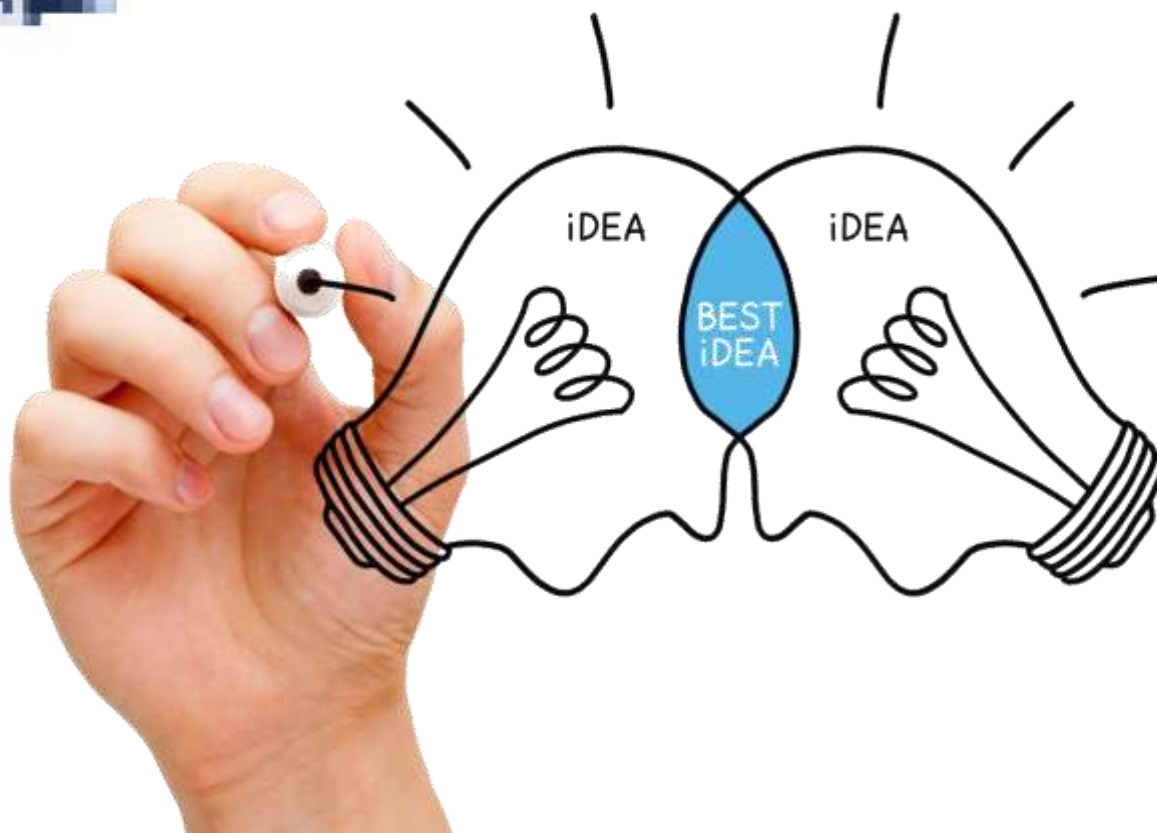


Streamline the process of translating Science, Research and Development into new products and business



Knowledge gain and qualification of internal team

## How to make it happen?







Strong culture of collaboration = better opportunities for innovation

## *Partnership/cooperation models*

**Various models** have already been used by Ourofino.

**Flexibility** ensures a good relationship with potential partners.

**Focus on closing the deal** and starting long-term and win-win relationships.



## Models of partnership/cooperation

INNOVATION MODELS	RDI EXPERTISE
✓ 1. Internal Development	Mostly Internal
✓ 2. Cooperation Agreements	Internal and External
✓ 3. Cooperation with the supply chain	Internal and External
✓ 4. Transfer of technology and know-how	> External*
✓ 5. Purchase of assets (local licenses)	> External*

\*Internal expertise required to internalize and take ownership of the models.

## Examples of application of the models Portfolio Composition

✓ Model 1



✓ Models 1 and 2



✓ Model 3



## Examples of application of the models Portfolio Composition



Models 1 and 2



Models 4 and 5



# Understanding of the RDI Management

## 2 MAJOR MACRO PROCESSES

1

ASSESSMENT OF OPPORTUNITIES

2

RDI PROJECTS: PIPELINE

## 1st Macro process: Assessment of opportunities

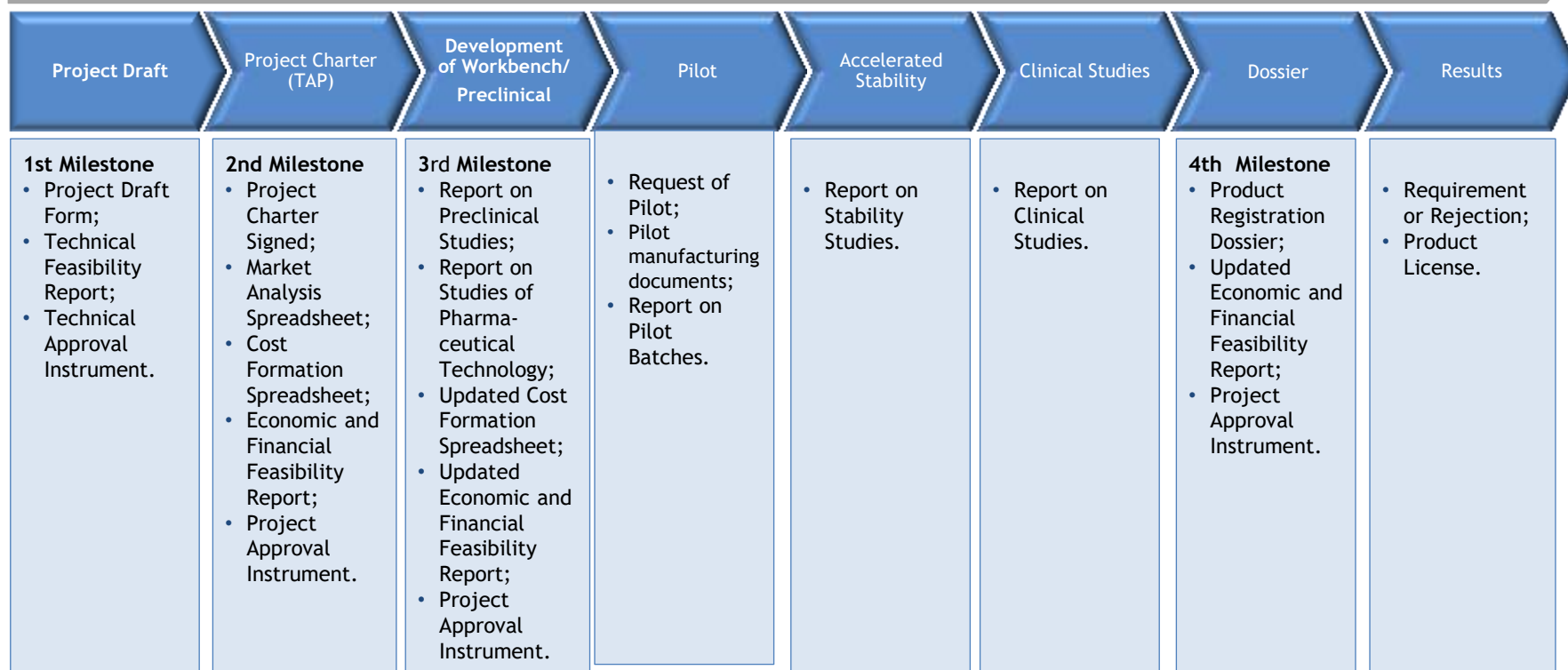


- Average rate of opportunities assessed/year: 130
- Evaluation by multidisciplinary committee (internal and external experts)
- Decision-making: Gates of assessment and business plan
- Well-designed flowchart - strategic evaluation of the RDI portfolio



## 2nd Macro process: Pipeline - Animal Health

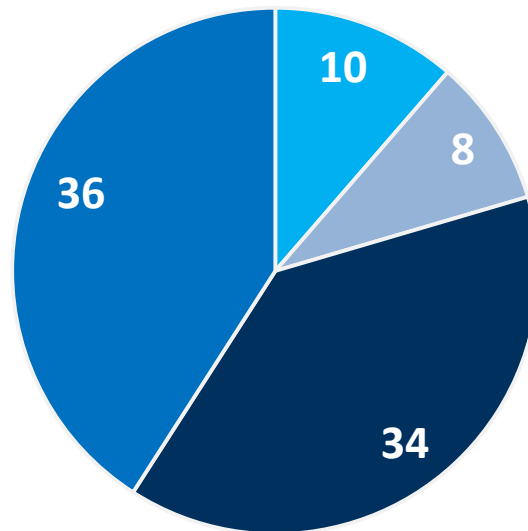
### Pipeline Project





## Main indicator: Launches:

### Pipeline- Time to market



- Launches in 2014
- Expectation for 2015
- Expectation for 2016 - 2018
- New wave of pipeline + 2019

## *Other indicators and RDI goals*

- Launch of products;
- Licensing of new products;
- Submission of dossiers;
- Implementation of pilot batches;
- Evaluation of projects;
- Assessment of opportunities; Capture and selection of projects;
- Financial Indicators (expenditures, budget by project and share of revenue);
- Mapping of Science, Technology and Innovation (CTI);
- RDI Agreements and Partnerships.

## *What to expect from the future?*

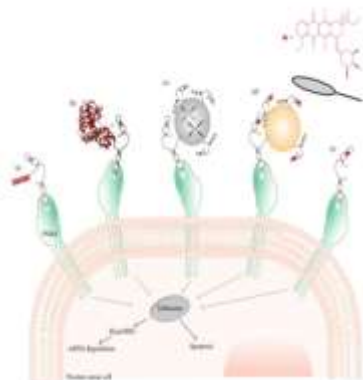
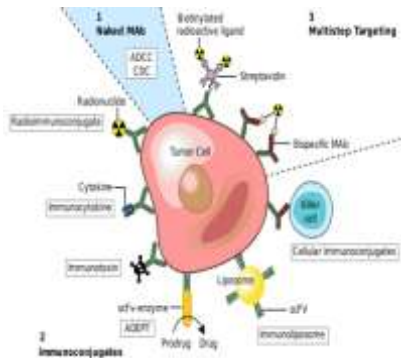
Megatrends, Road Map, Technological Surveillance,  
External Consultants, RDI and Strategic Marketing



## Vertical Farming: Can Urban Agriculture Feed a Hungry World?

By Fabian Kretschmer and Malte E. Kollenberg

Agricultural researchers believe that building indoor farms in the middle of cities could help solve the world's hunger problem. Experts say that vertical farming could feed up to 10 billion people and make agriculture independent of the weather and the need for land. There's only one snag: The urban farms need huge amounts of energy.



**GS&MD**

**Gouvêa de Souza**

# Pet Market Scenario

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## Market overview

Consumer's profile and habits

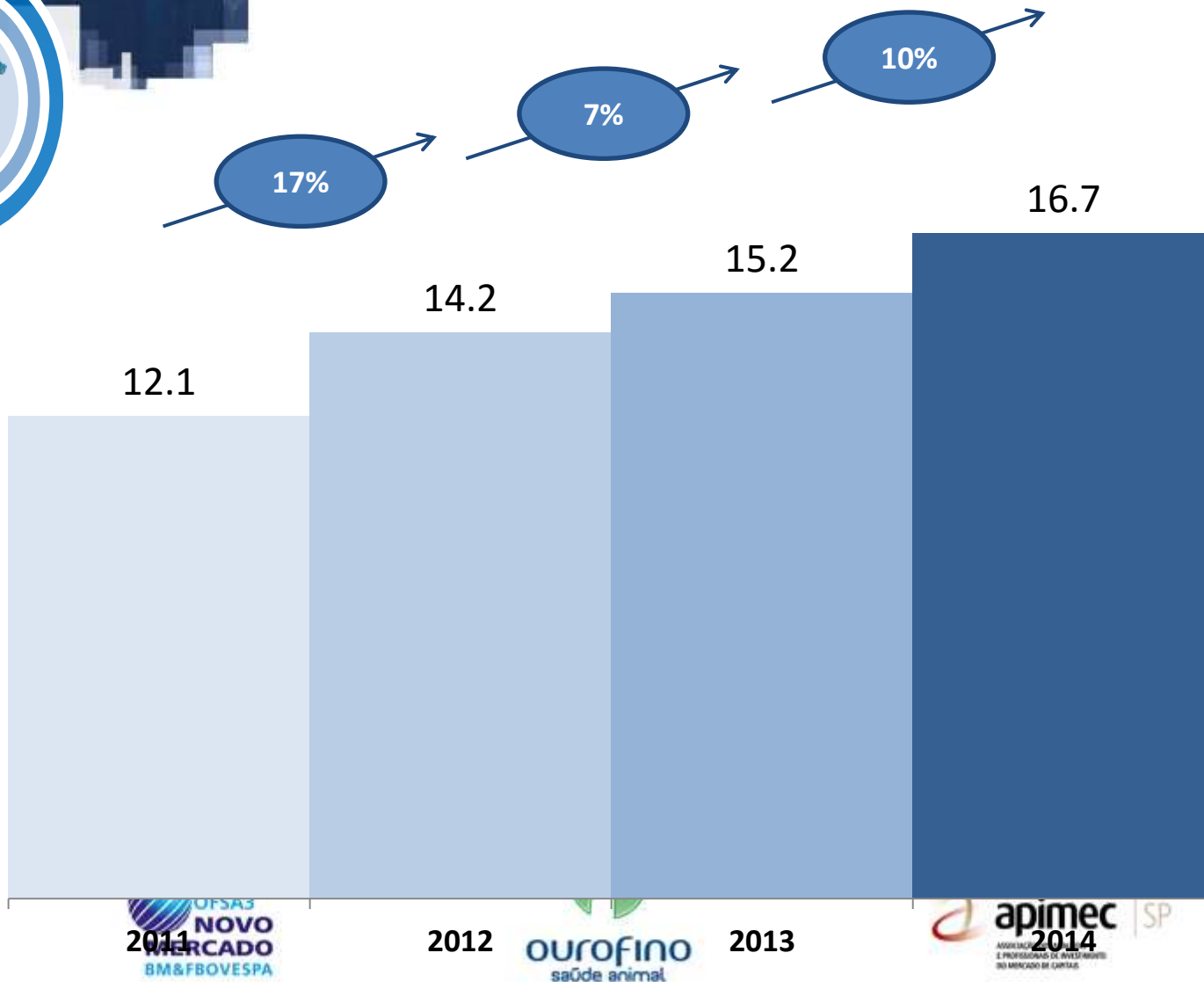
Distribution channel

Comparison with the USA market

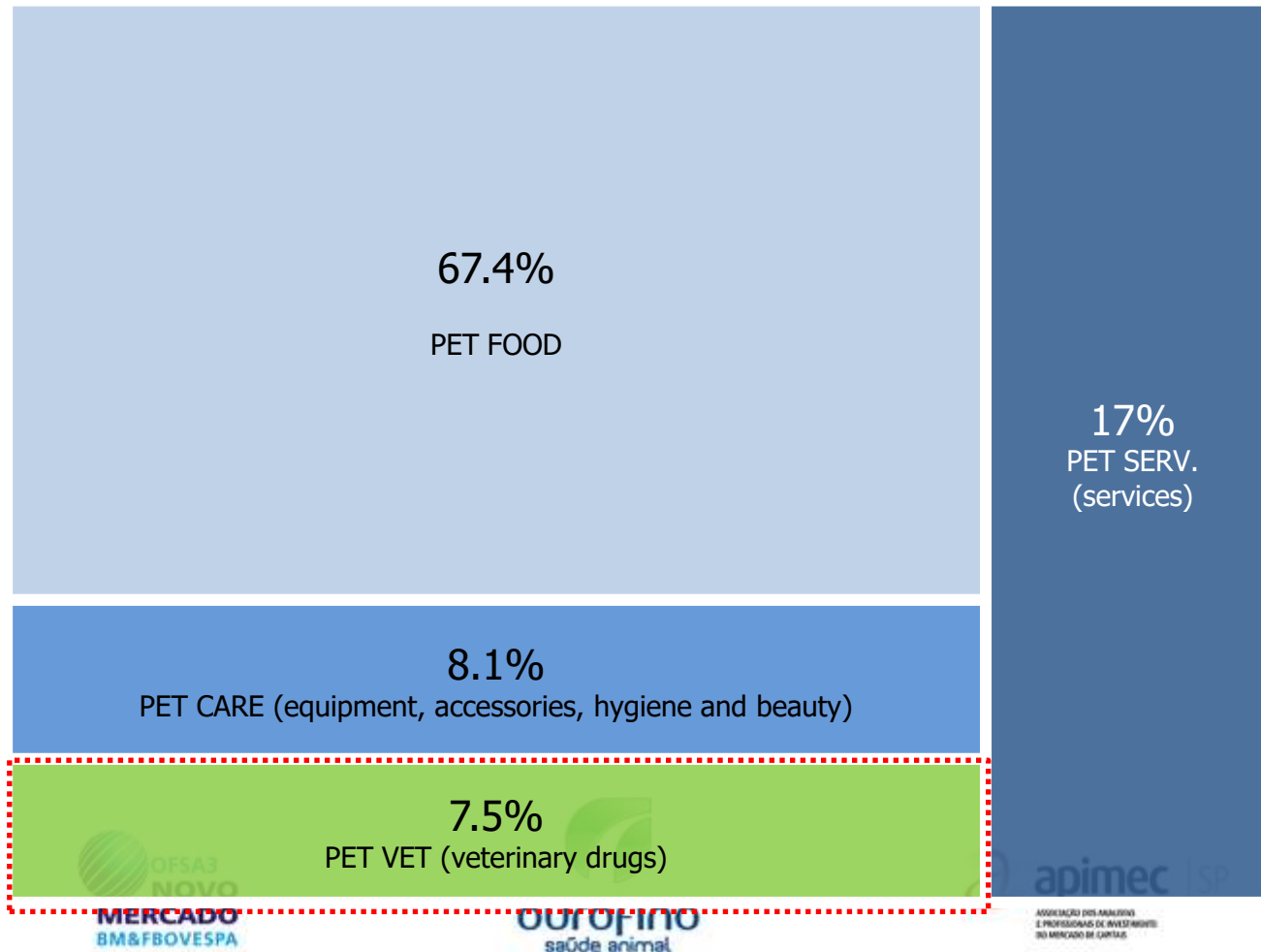
Challenges and Opportunities



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## Breakdown by category [%]

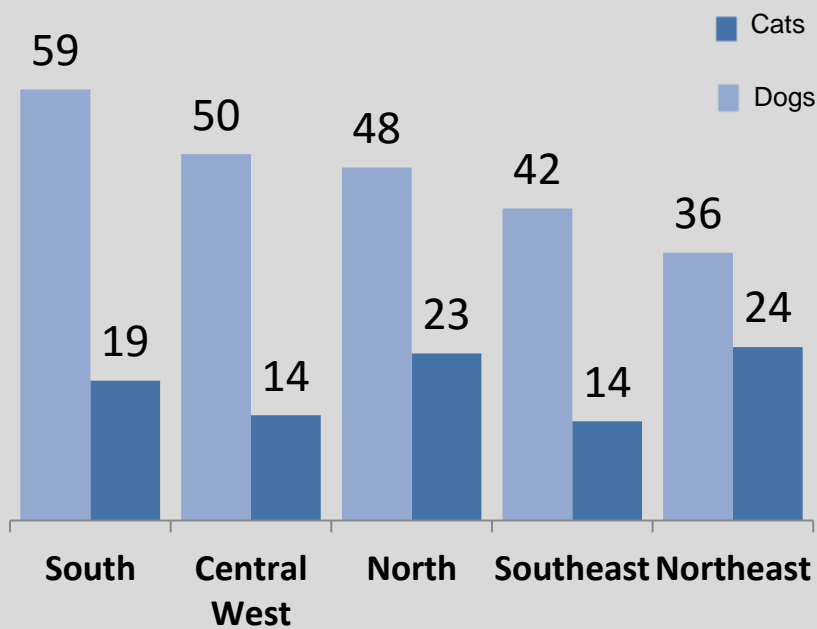
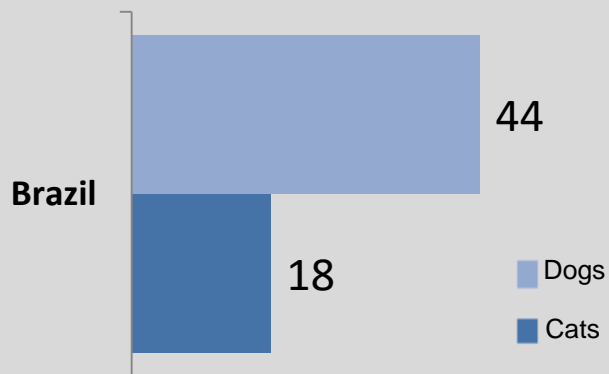




Over **74 million**  
of dogs and cats

Type of animal	Total animals
Dogs	52.2
Cats	22.1

## Percentage of households with dogs and cats – Brazil and Regions (2013)



# Ourofino Day

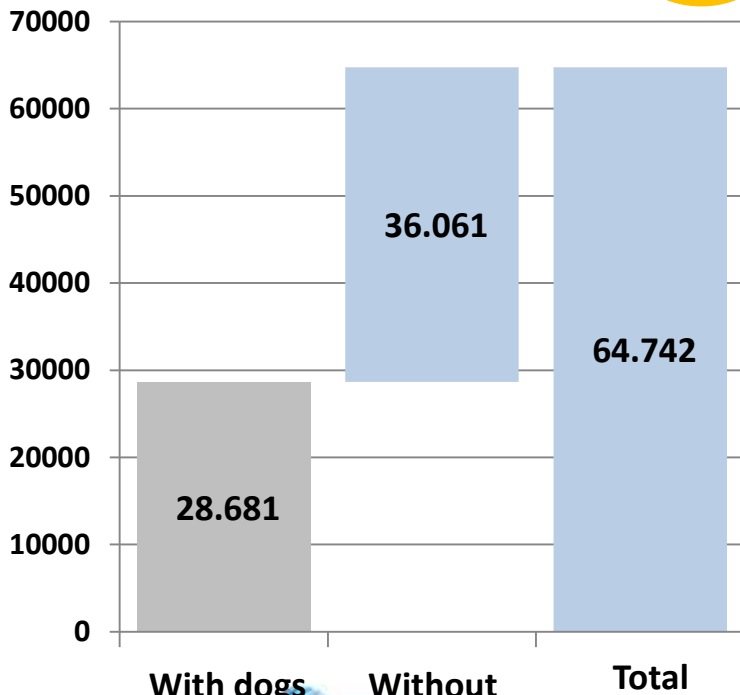


## DOGS

number of households with at least one animal

In thousands

Average  
1.8

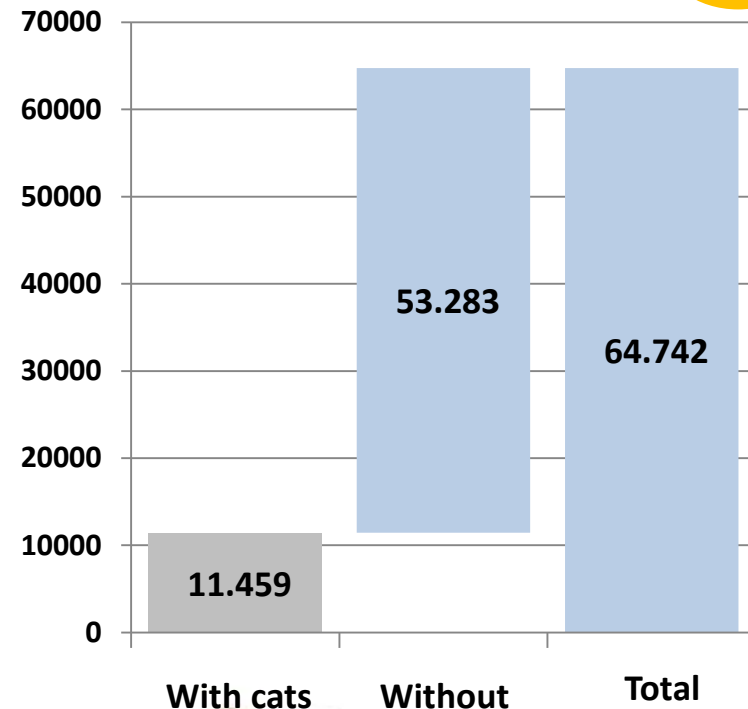


## CATS

number of households with at least one animal

In thousands

Average  
1.9



Market overview

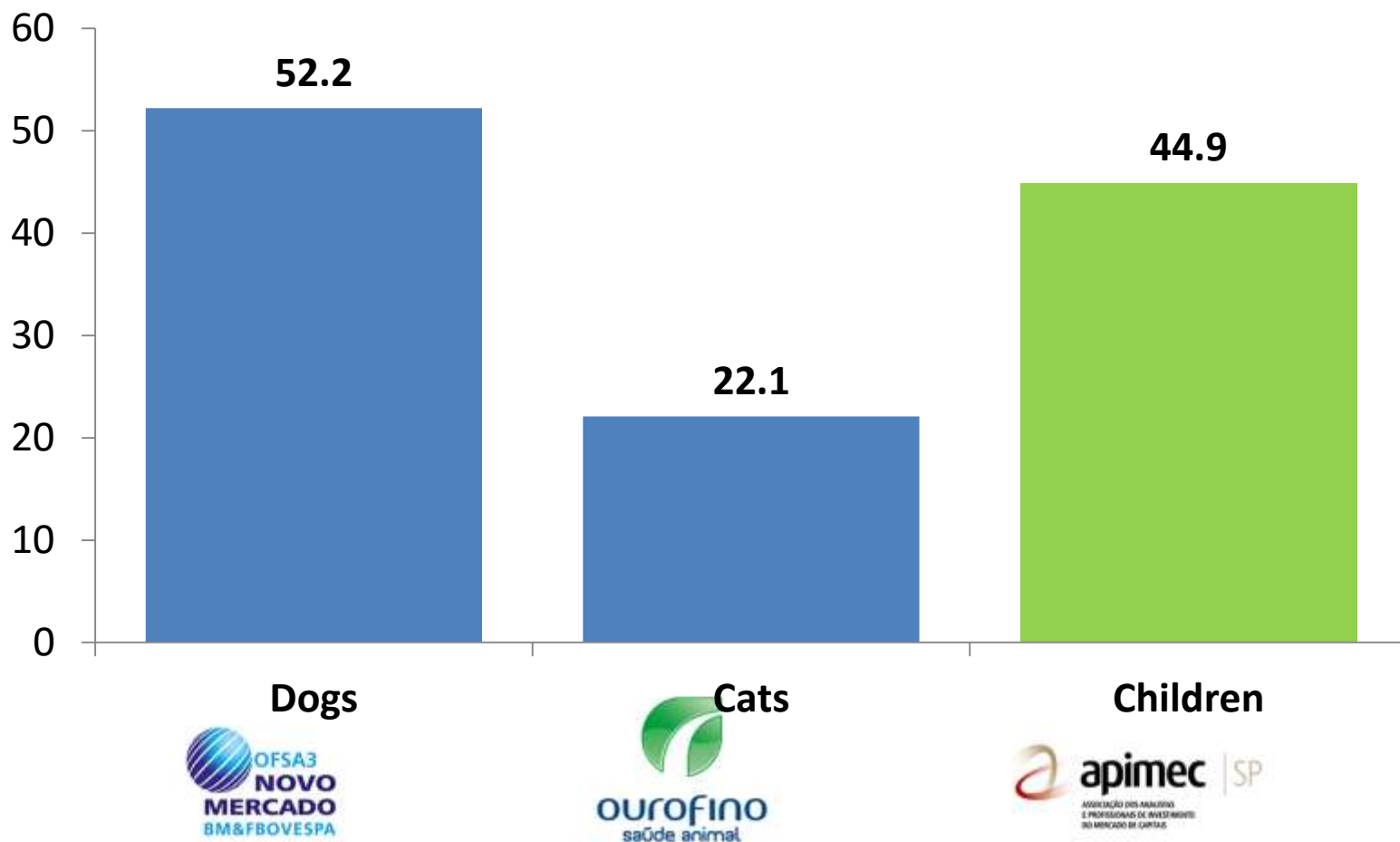
## Consumer's profile and habits

Distribution channel

Comparison with the USA market

Challenges and Opportunities

Absolute value – in millions





37



36



27



Friend



29

Child



37

Pet

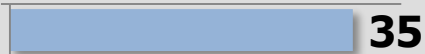


34



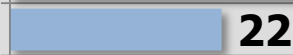
## Where the pet sleeps (%)

Backyard/Terrace



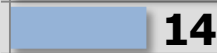
35

Bedroom



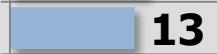
22

Laundry



14

Living room/Sofa



13

Porch/Balcony



12

Other rooms

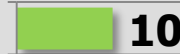


5

He is my son: 35%

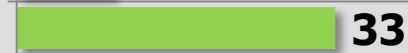
65%  
Inside the house

Backyard/Terrace



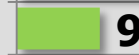
10

Bedroom



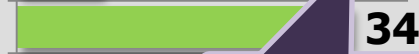
33

Laundry



9

Living room/Sofa



34

Porch/Balcony



10

Other rooms



5

He is my son: 43%

90%  
Inside the house





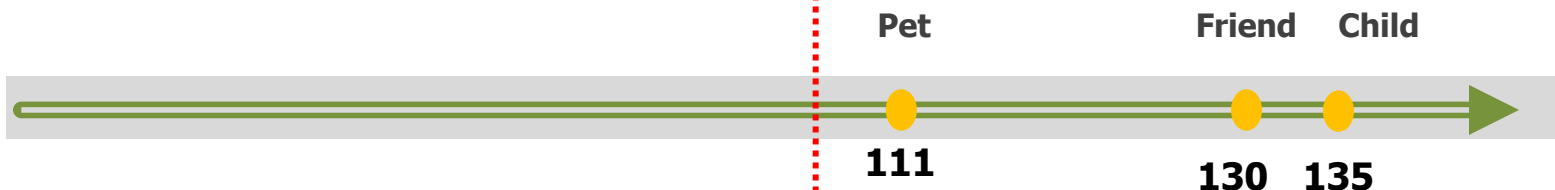
Average= base 100

R\$ 100

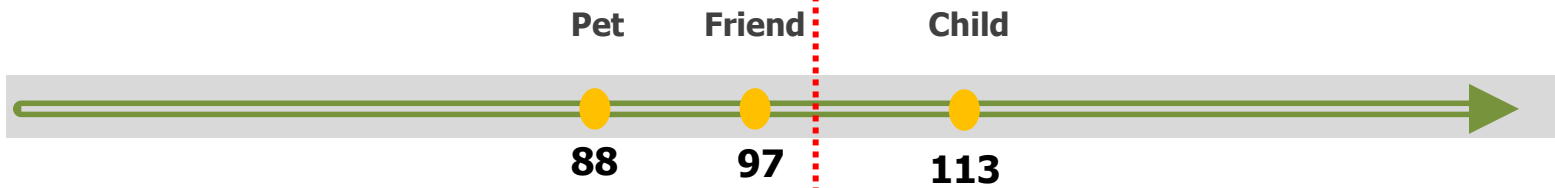
19%

38%

## Class A



## Class B



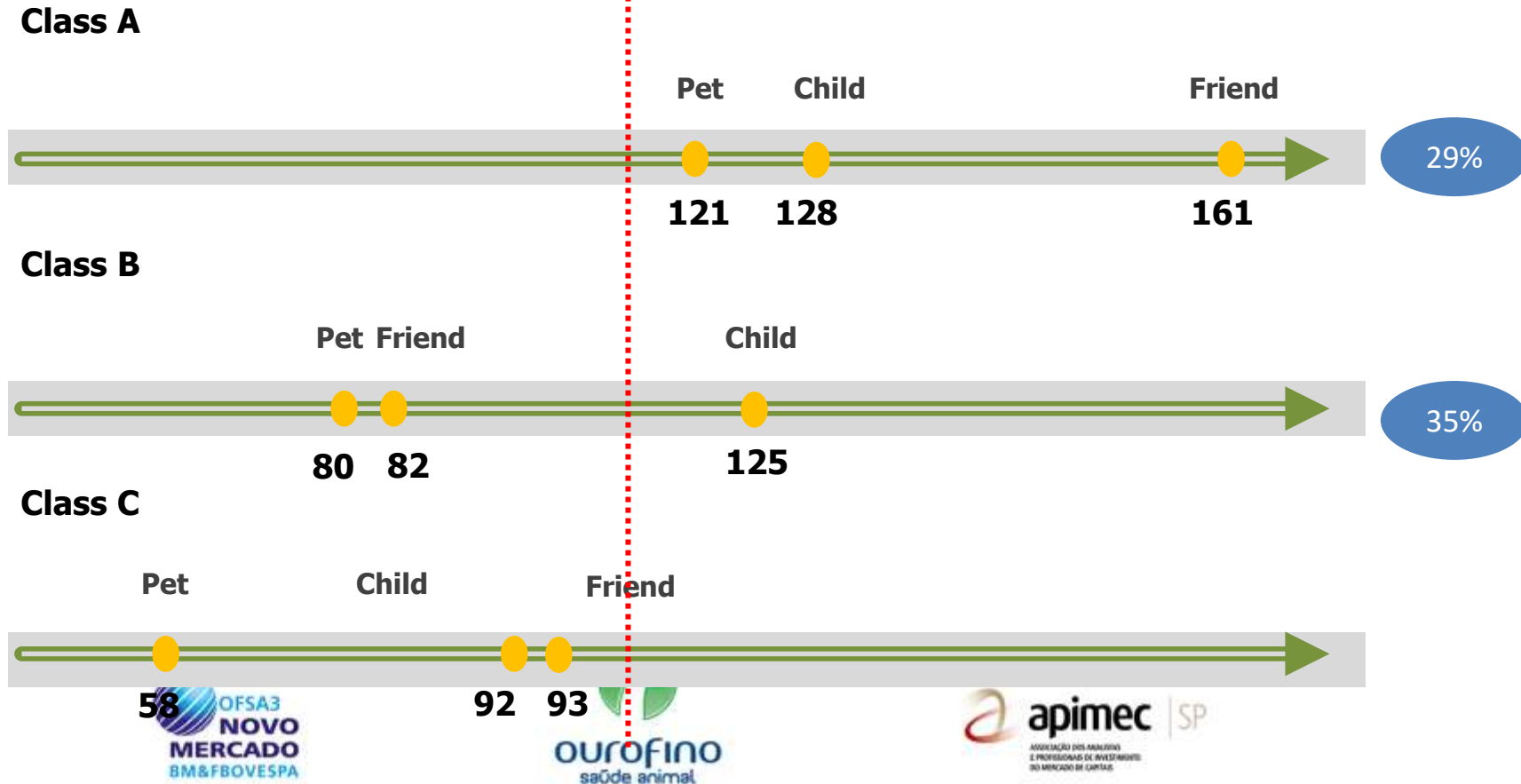
## Class C



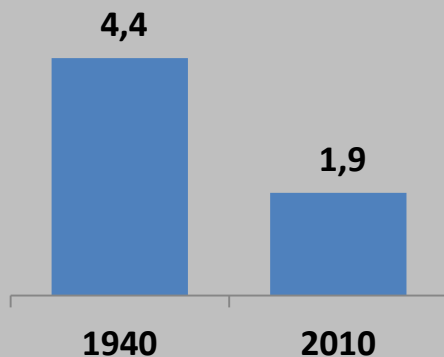


Average= base 100

**R\$ 100**



## NUMBER OF CHILDREN PER WOMAN

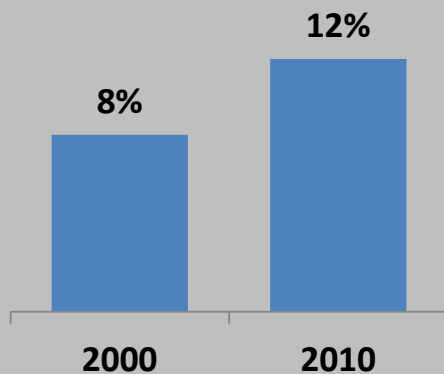


## WOMAN'S AVERAGE AGE TO HAVE A CHILD INCOME ABOVE 5 MINIMUM WAGES



**32 years-  
old**  
Average age

## PROPORTION OF ELDERLY

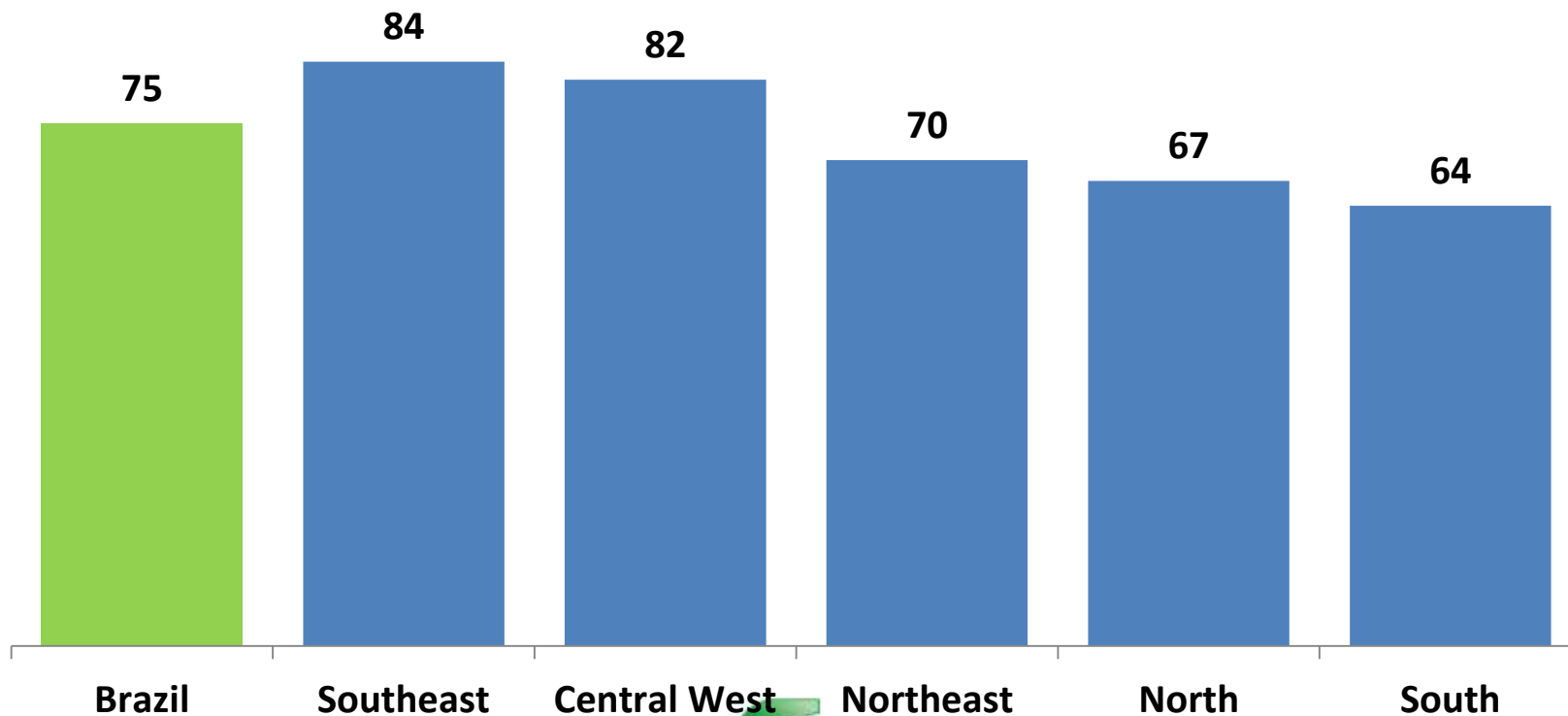


## HOUSEHOLDS WITH ONE PERSON



**+ 35%**  
From 2000 to  
2010

## Proportion of households with all the cats and dogs vaccinated against rabies last year - Brazil and Regions

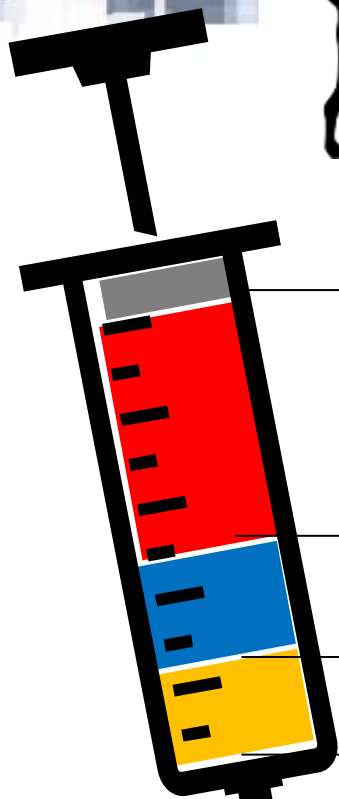




Dogs



Cats



NS/NR **10%**

Do not purchase vaccine **46%**

Imported **23%**

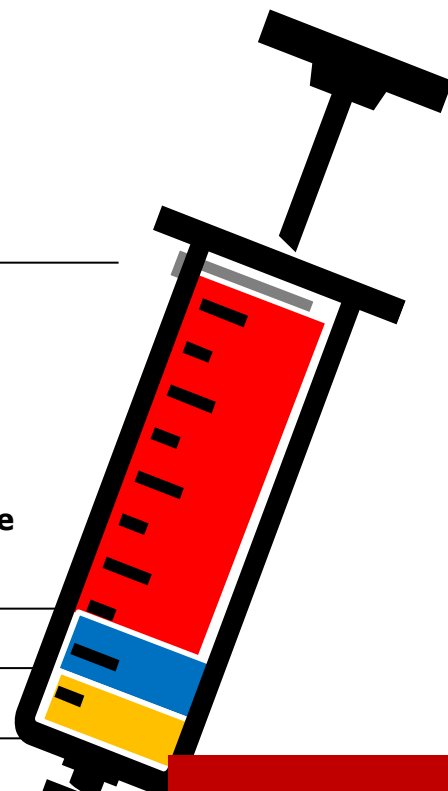
National **21%**

**3%** NS/NR

**76%** Do not purchase vaccine

**11%** Imported

**10%** National



Despite being compulsory, the penetration is low

Please note: data not comparable, different methodologies



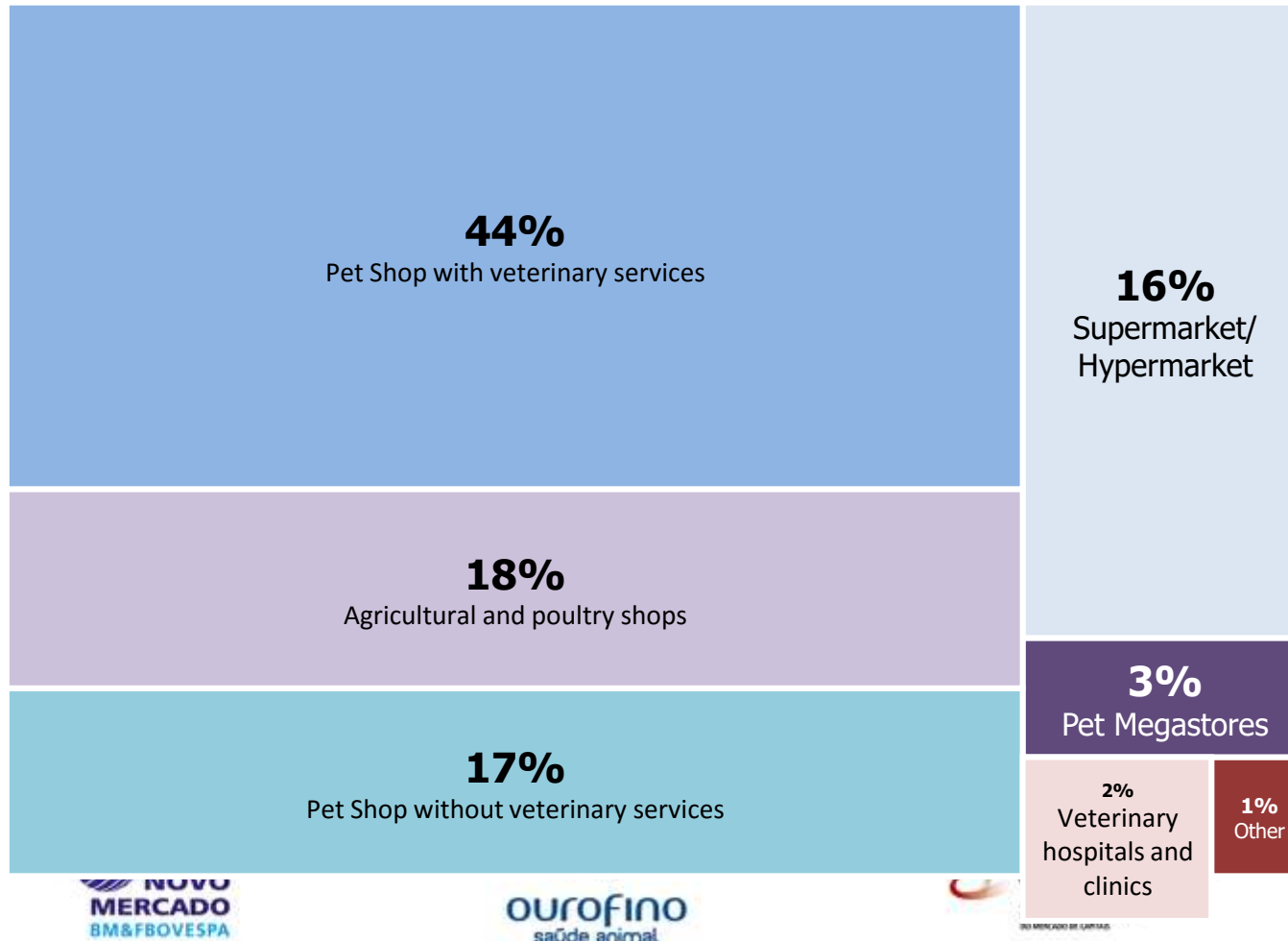


- Vaccines**
- Veterinary services**
- Flea control products**
- Tick control products**
- Worm control products**

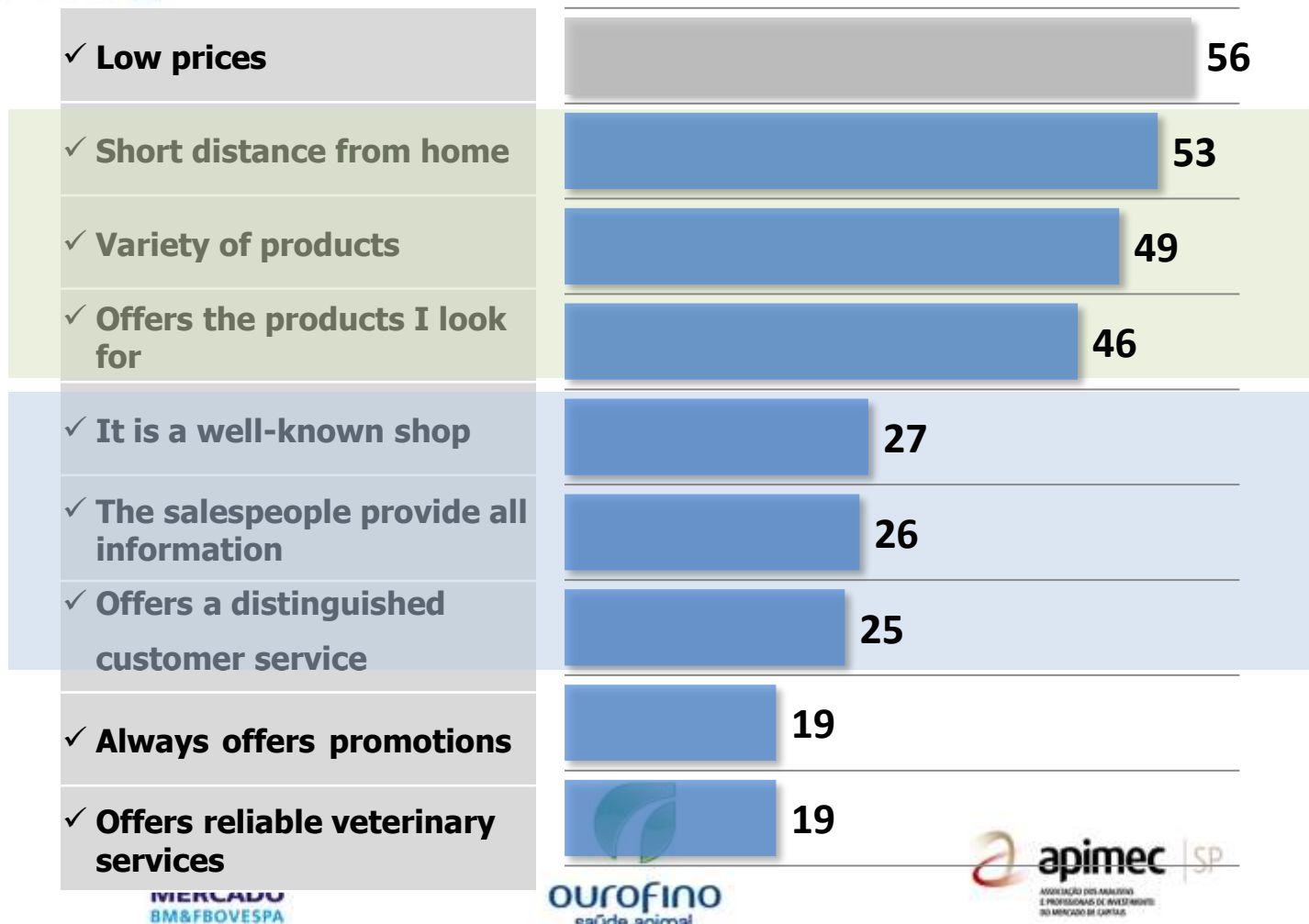
	Consumption	Frequency
Vaccines	49%	2x/year
Veterinary services	70%	5x/year
Flea control products	64%	5x/year
Tick control products	49%	5x/year
Worm control products	40%	4x/year

	Consumption	Frequency
Vaccines	22%	2x/year
Veterinary services	46%	2x/year
Flea control products	26%	6x/year
Tick control products	8%	5x/year
Worm control products	21%	5x/year

## Preferred type of store (%)



## Reason for the preference (%)



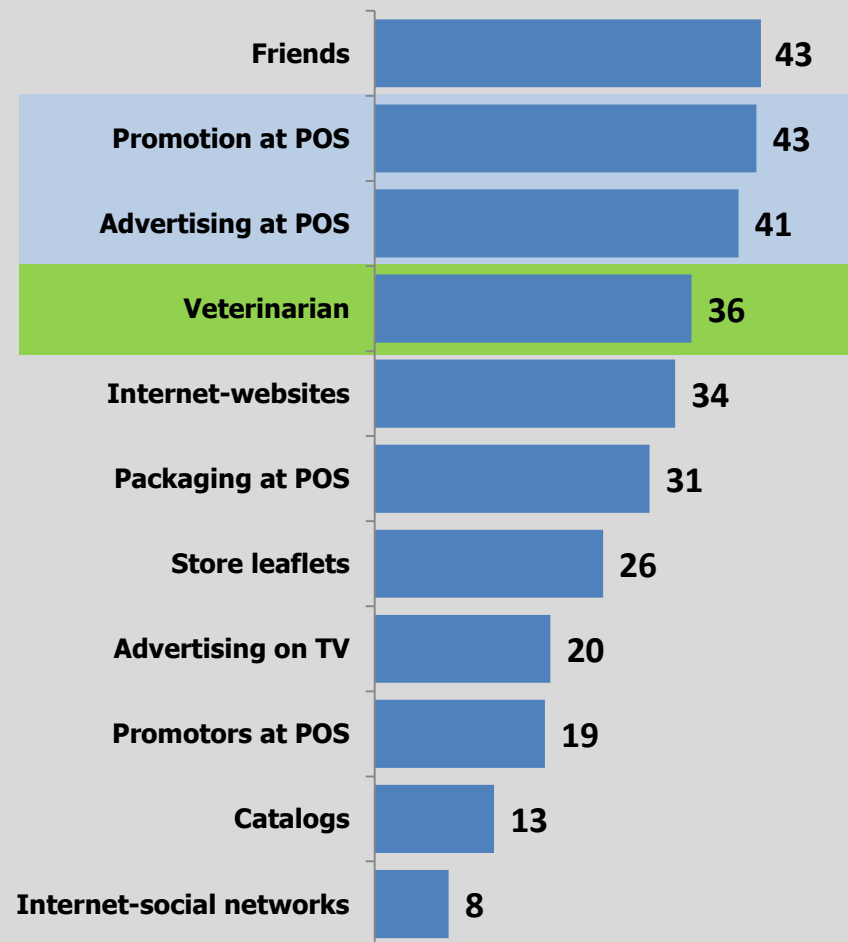


## A few consumers look for information before the purchase



**30%**

## Sources of information used (%)



**36%** consider the veterinarians as source of information

**This source is more often mentioned on the purchase of veterinary drugs by dog owners than by cat owners**



**37%**



**30%**



**48%**

**This source is also more often mentioned when the relationship with the dog is closer (the pet sleeps in the bedroom)**

**And by consumers with higher purchasing power**

**A**

**47%**

**B**

**35%**

**C**

**25%**

Market overview

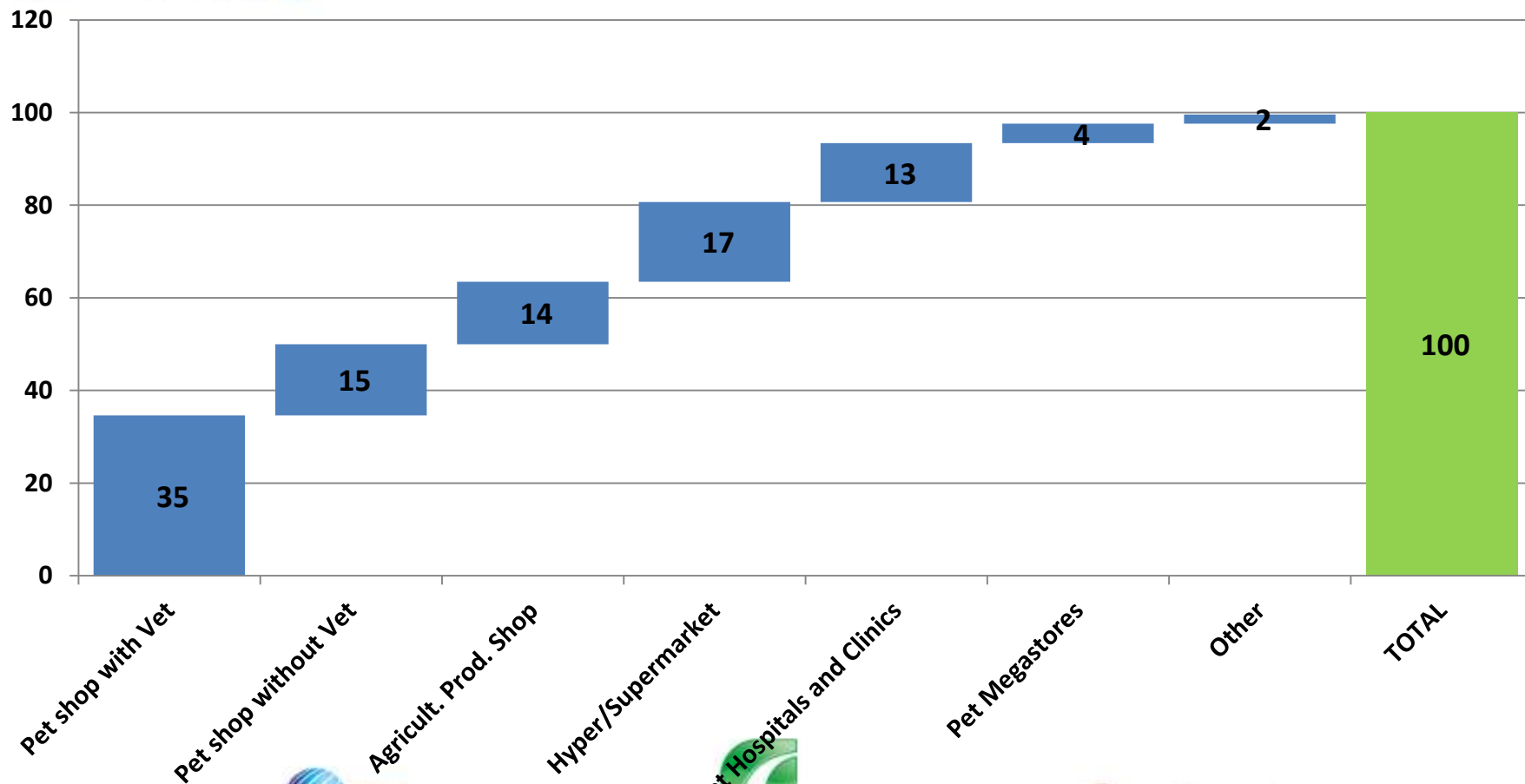
Consumer's profile and habits

**Distribution channel**

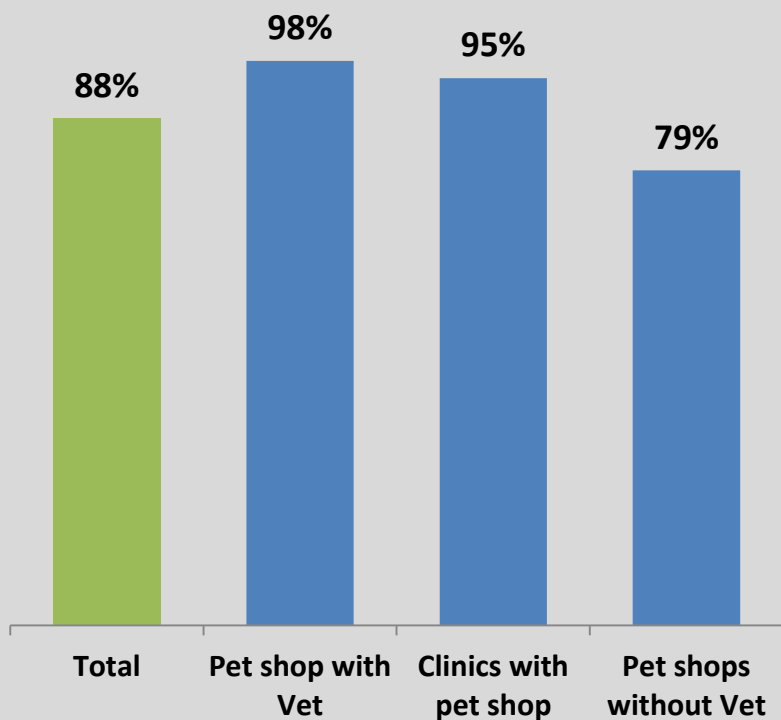
Comparison with the USA market

Challenges and Opportunities

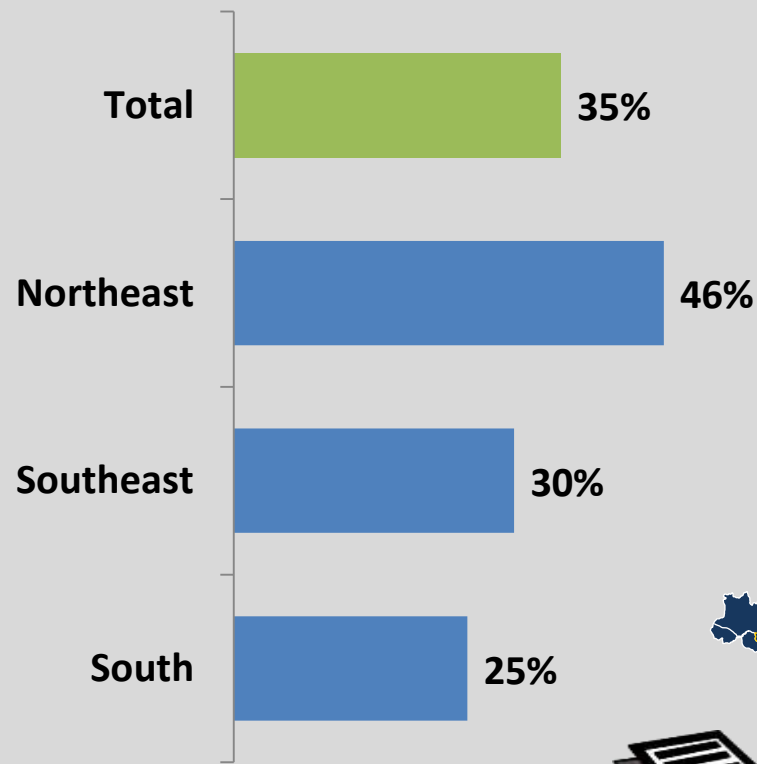
## Participation by channel [%]



## Sale of veterinary drugs by type of establishment



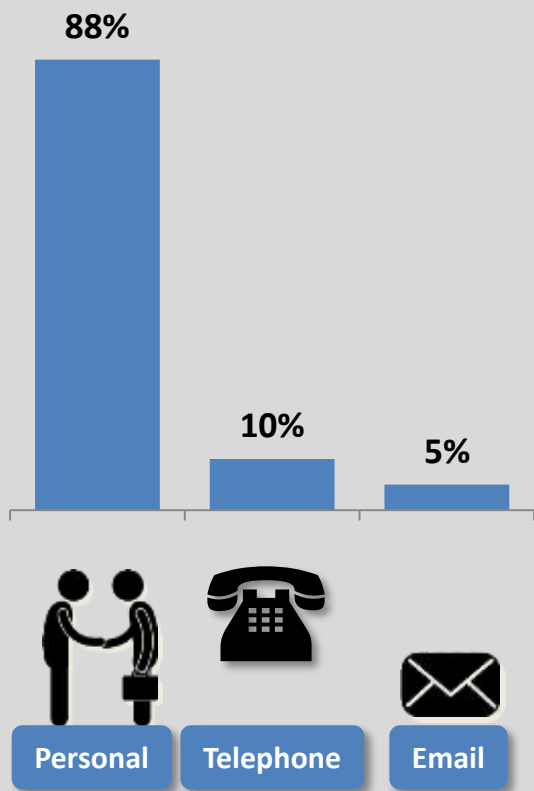
## Sale of veterinary drugs WITHOUT prescription



## Most important criteria in the choice of products sold at the shop ... (%)

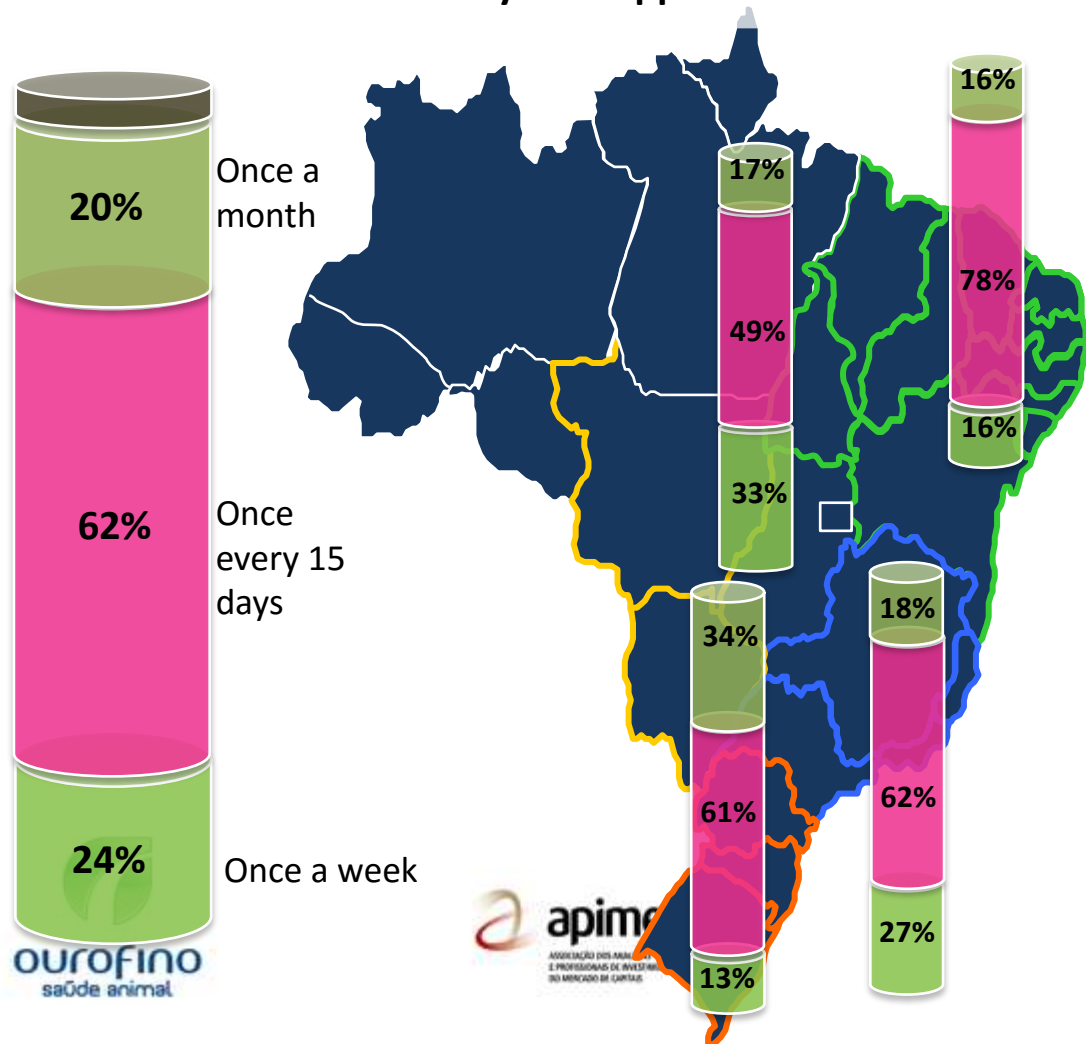


## Best contact method



BM&FBOVESPA

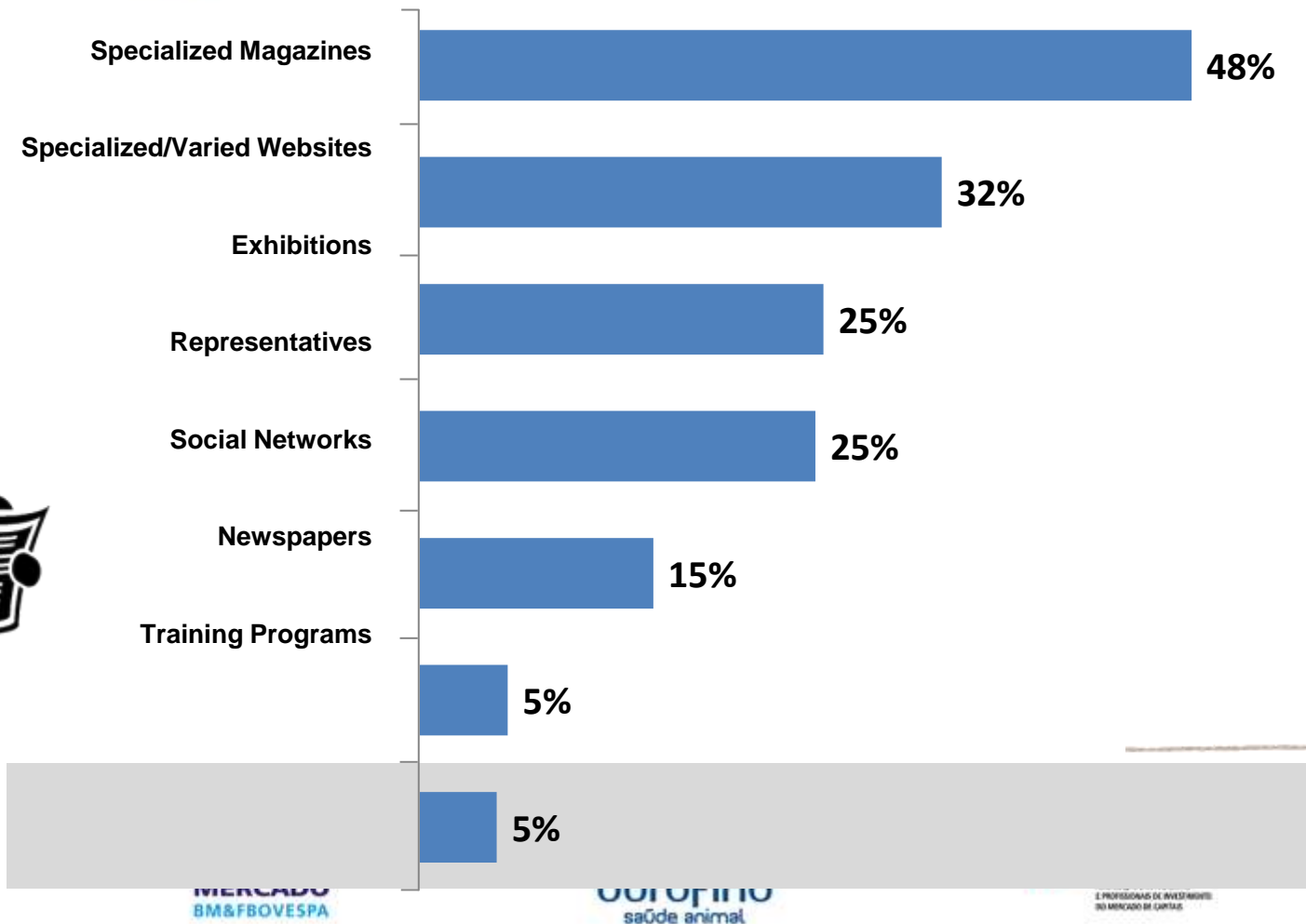
## Frequency in which the customer would like to be served by the supplier



ourofino  
saúde animal

apimex  
ASSOCIAÇÃO DOS ANIMAL  
E PROFISSIONAIS DE INVESTI  
DO MERCADO DE CAPTIV

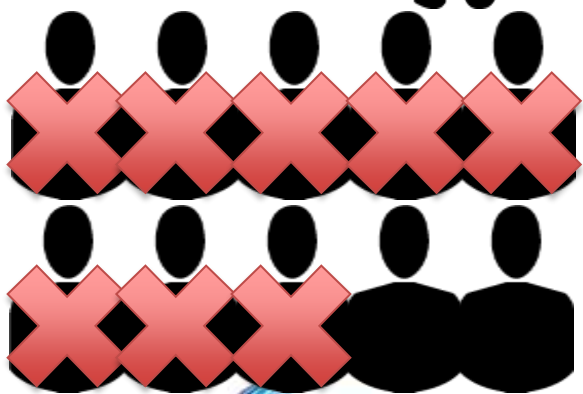
## Primary sources of information



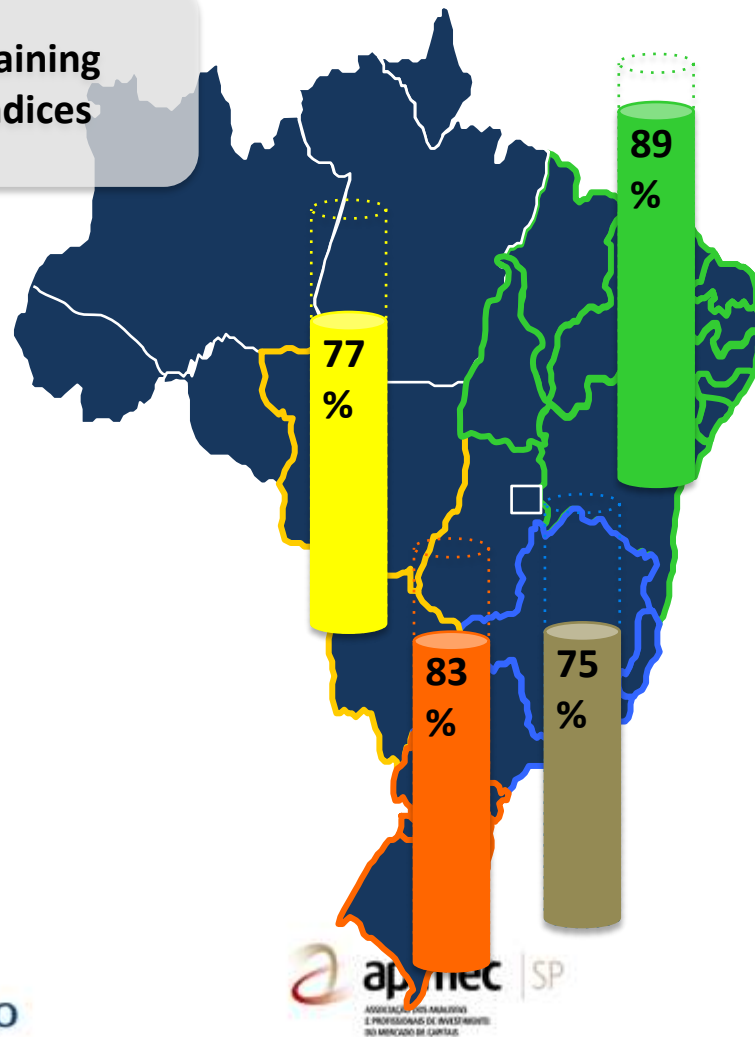


8/10

Have not attended any training program



## Training indices



Market overview

Consumer's profile and habits

Distribution channel

**Comparison with the USA market**

Challenges and Opportunities

Average 2003-2013

Total 2014

2015 YTD

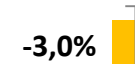
Restricted Retail



6,1%



2,2%



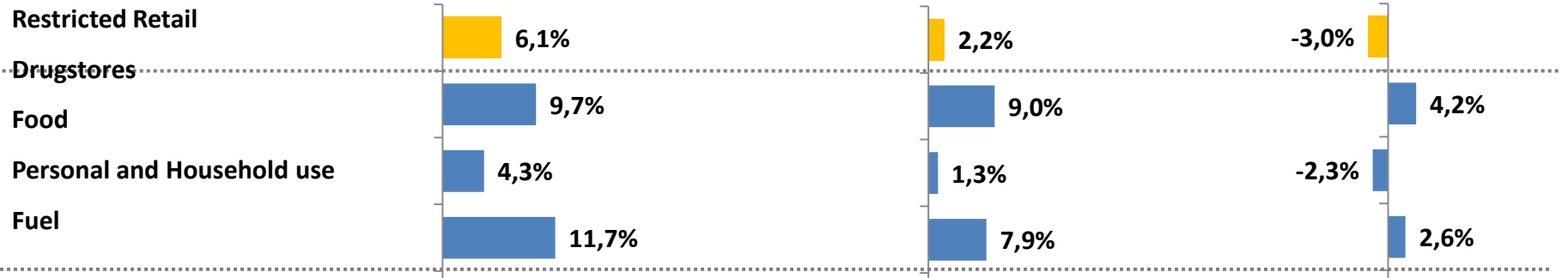
-3,0%

Drugstores

## Average 2003-2013

## Total 2014

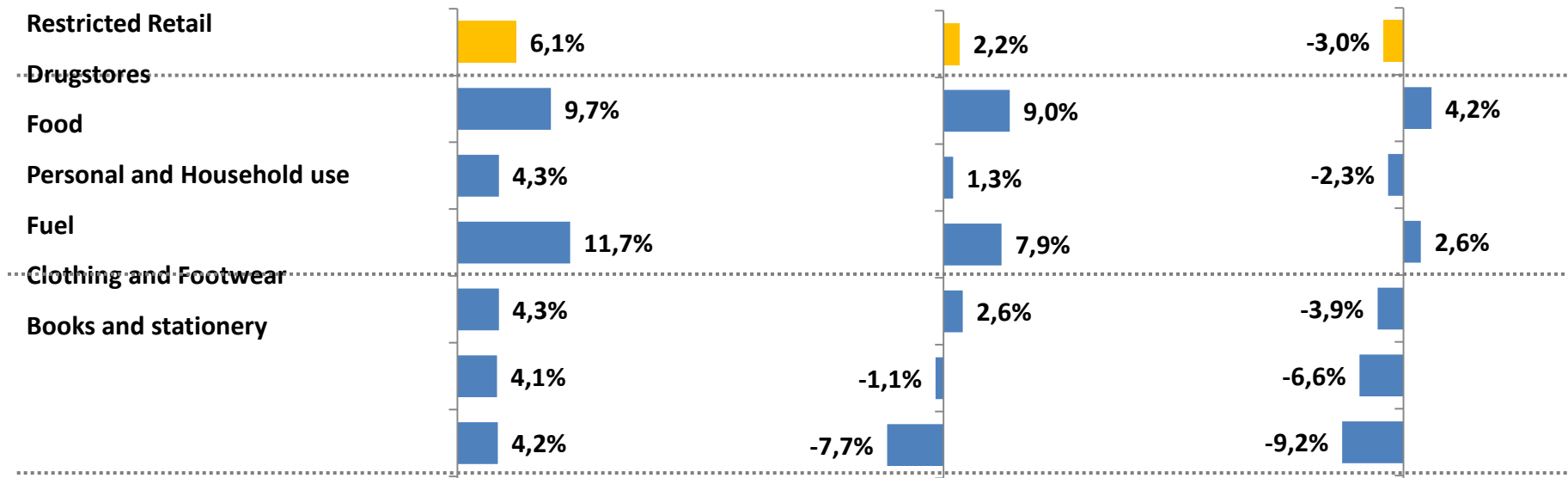
## 2015 YTD



## Average 2003-2013

## Total 2014

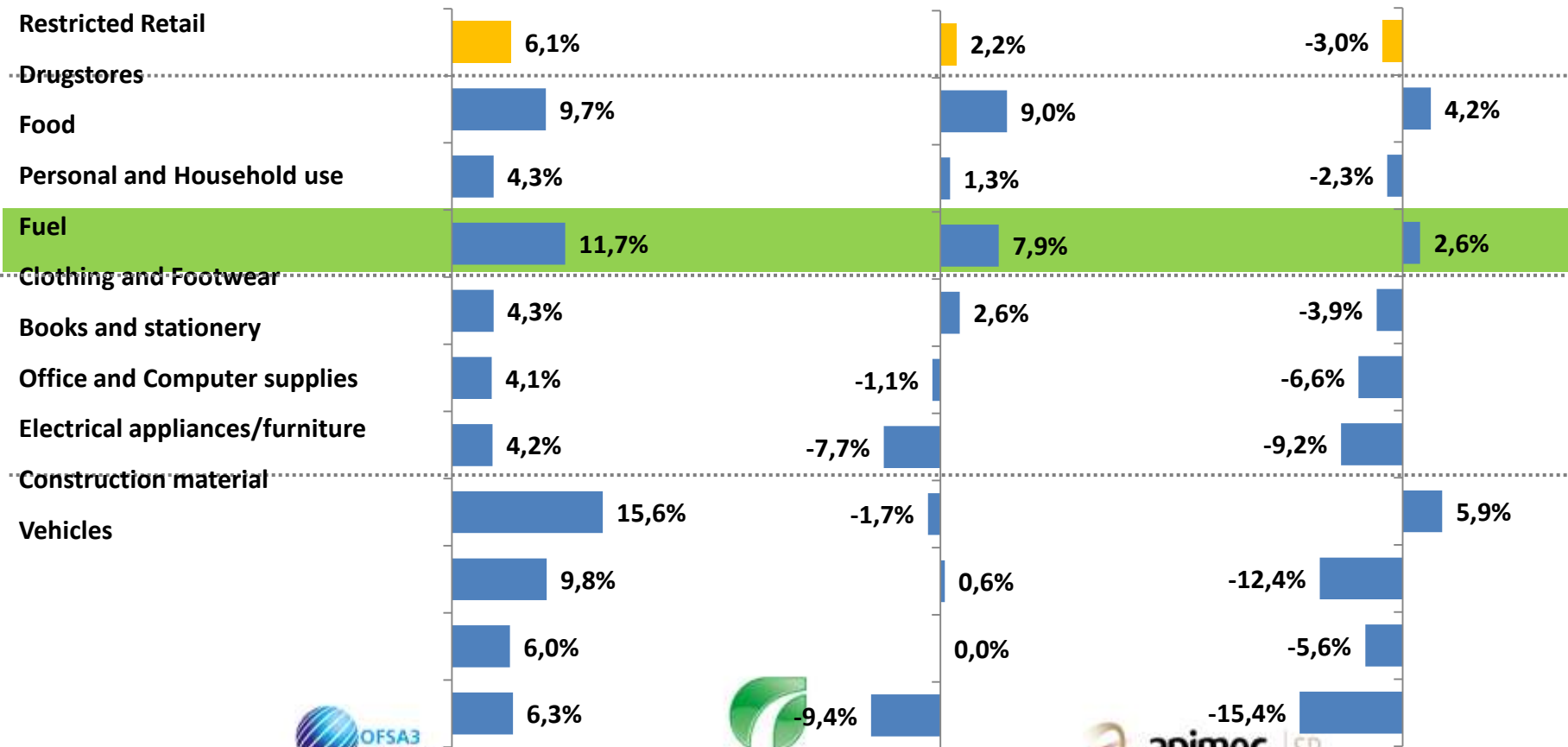
## 2015 YTD



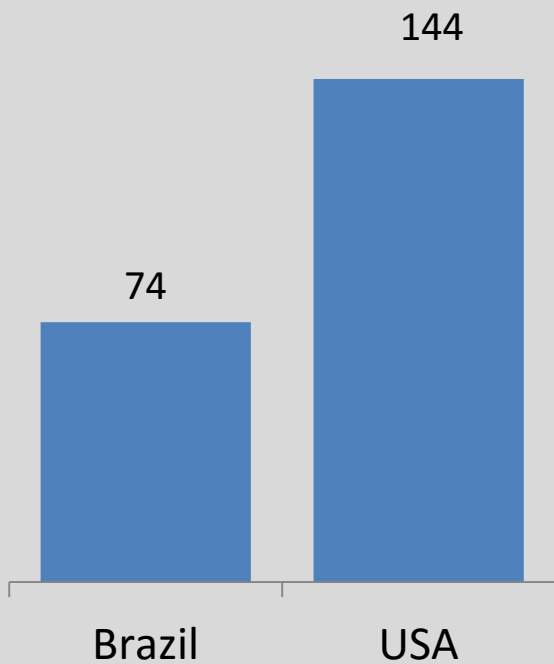
Average 2003-2013

Total 2014

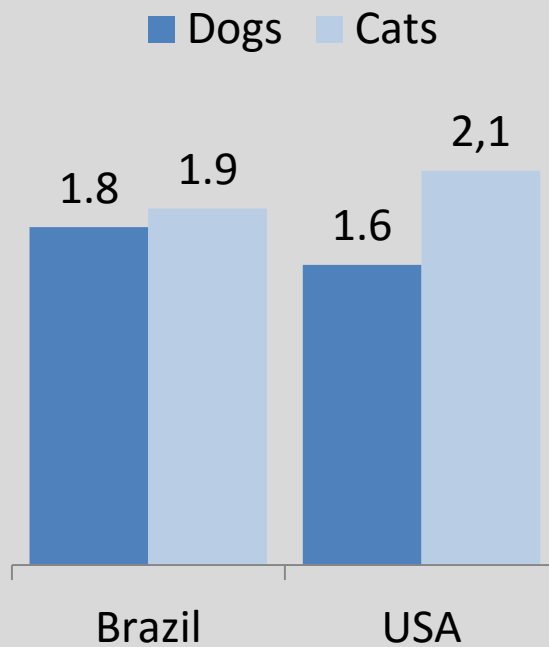
2015 YTD



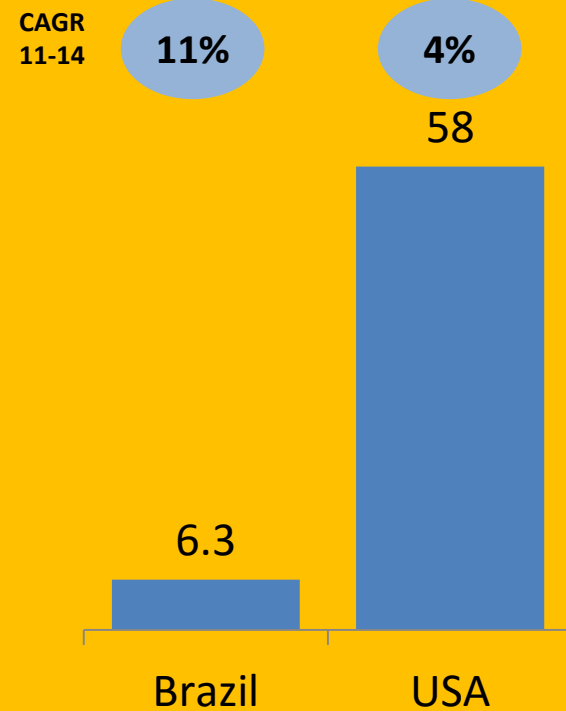
## Number of dogs + cats 2013



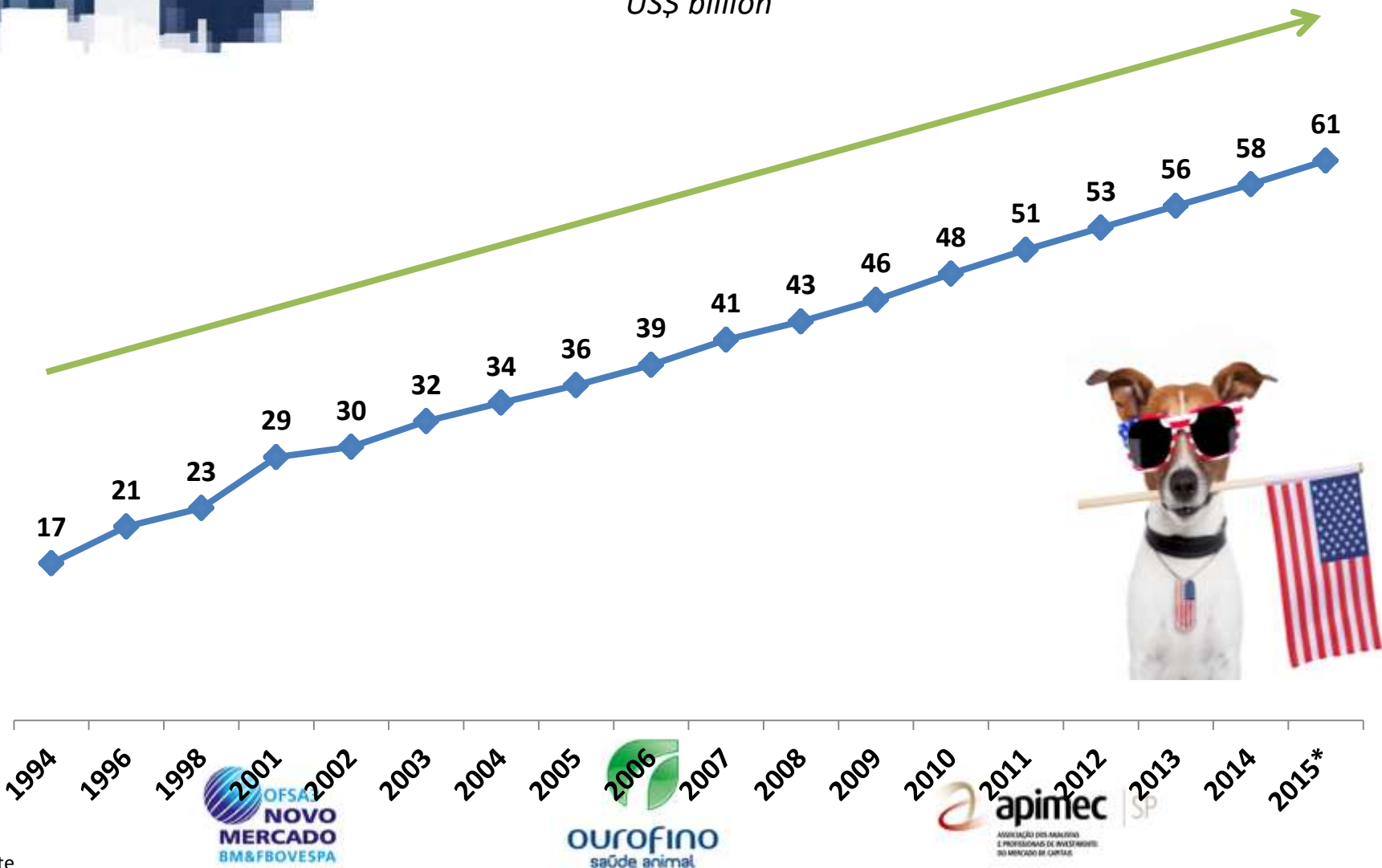
## Average number of dogs and cats per household - 2013



## Billings US\$ billion 2014



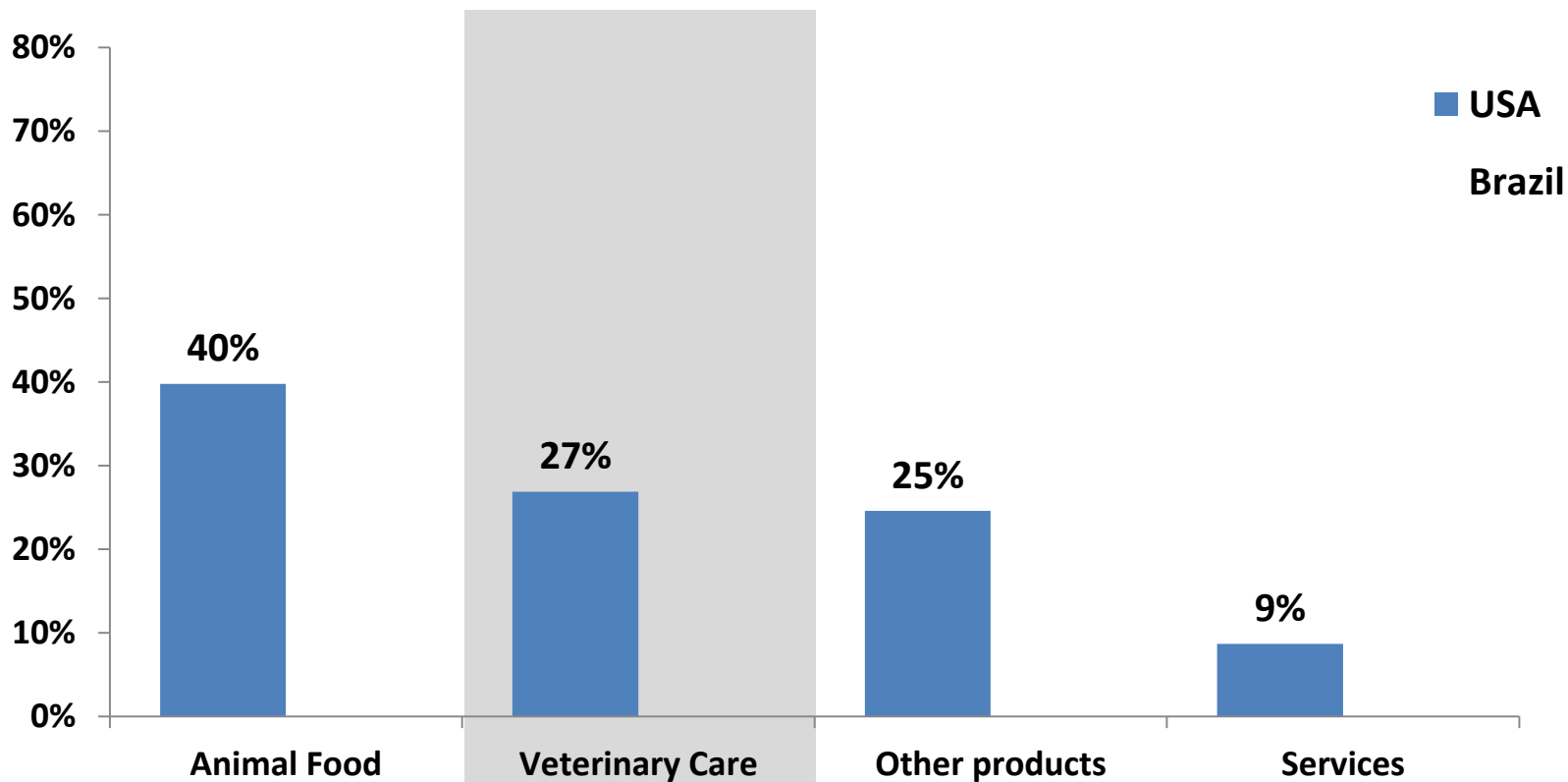
## Pet market consumption - USA *US\$ billion*



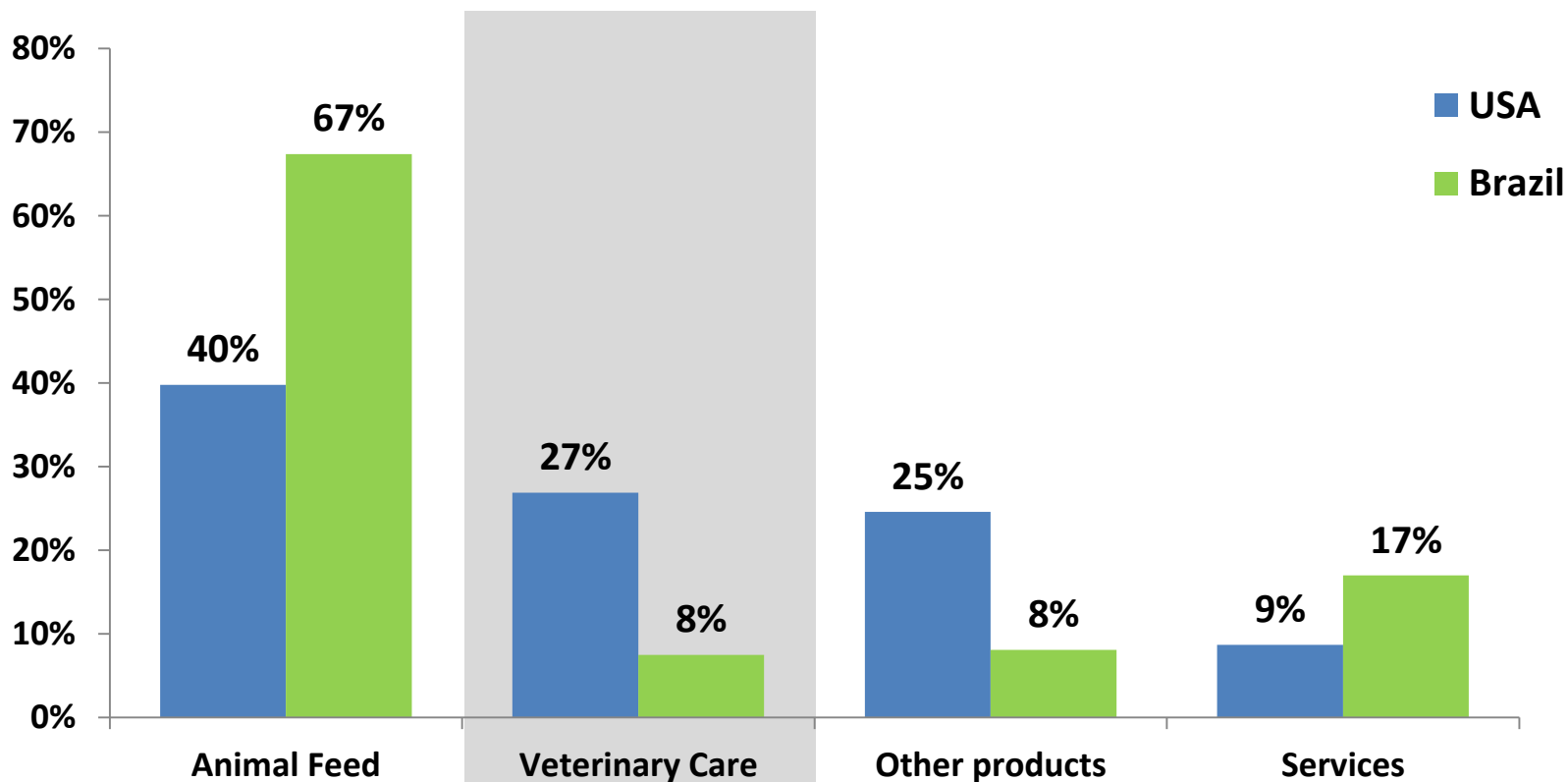
\* Estimate  
Source: Pet Products Association's annual report



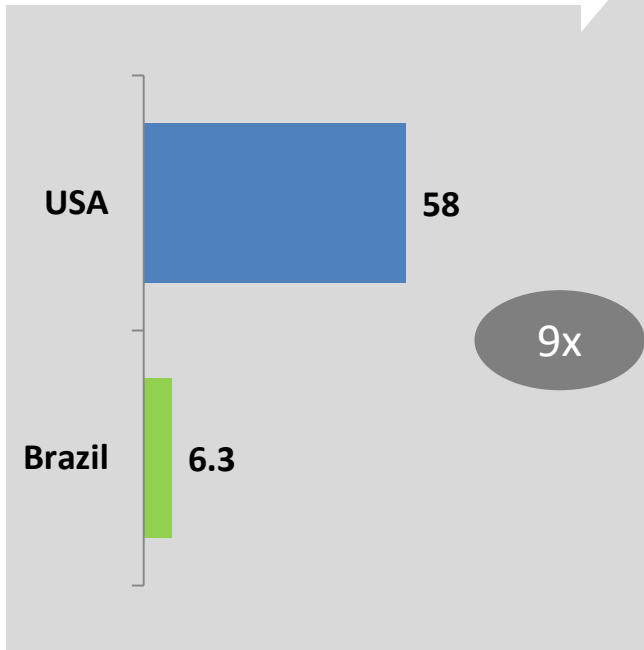
### Share of Pet market by category [%]



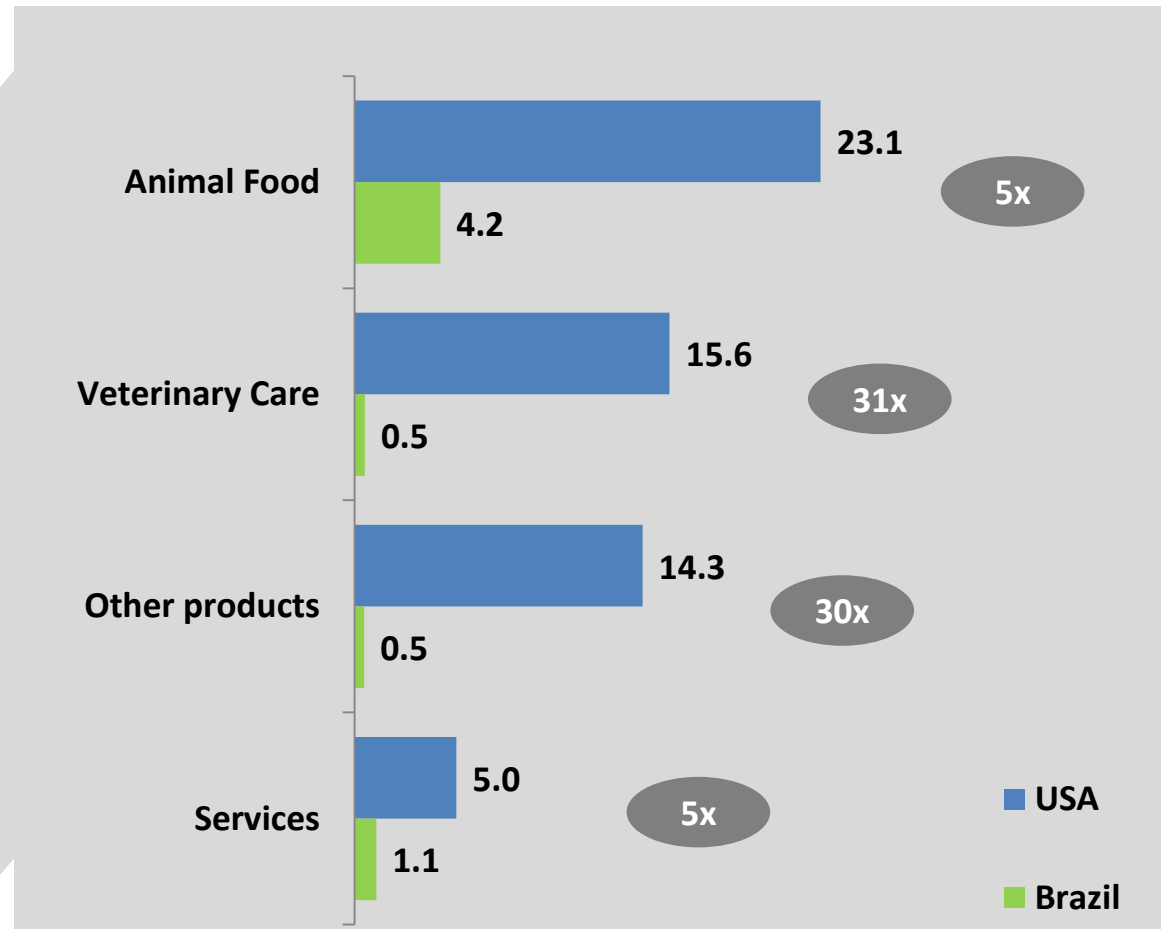
## Share of Pet market by category [%]



## Market size [US\$ billions, 2014]



## Market size by category [US\$ billions, 2014]



Market overview

Consumer's profile and habits

Distribution channel

Comparison with the USA market

**Challenges and Opportunities**

Brazil is the **second largest PET market** in the world

However, it still has **room for growth and maturation**

Mainly in the **diversification of the consumption categories**

The **consumers** still get **little information** before the purchase.

The **decisions** are mainly taken at the **point of sale**.

The **shop assistants and veterinarians** have **great influence** on the purchase

The **preferred channel** for purchasing products for pets is the Pet shop, either **with or without veterinarians**

The key factors for success at POS are the **presence of the industry, strength of the brand and merchandising**



Gouvêa de Souza

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gsmd-de@gsmd.com.br | www.mercadoeconsumo.com.br  
www.gsmd.com.br

**Ebeltoft Group**  
International Retail Experts



(A free translation of the original in Portuguese)

# Ourofino Day

*Companion Animals*

*Verônica Martins  
Commercial Director*





New status of pet animals in Brazil

## *The Core Idea of the Business*

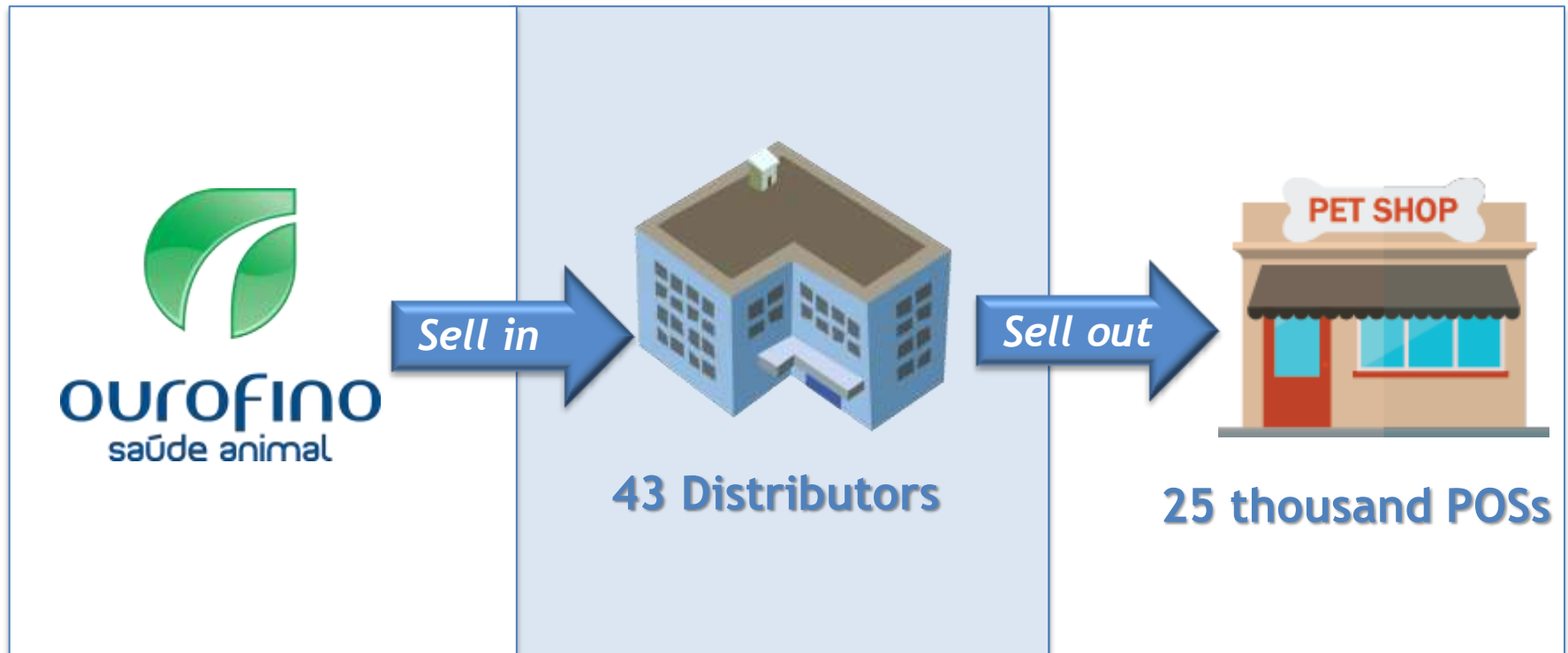
*It feels good to take care  
of this relationship.*



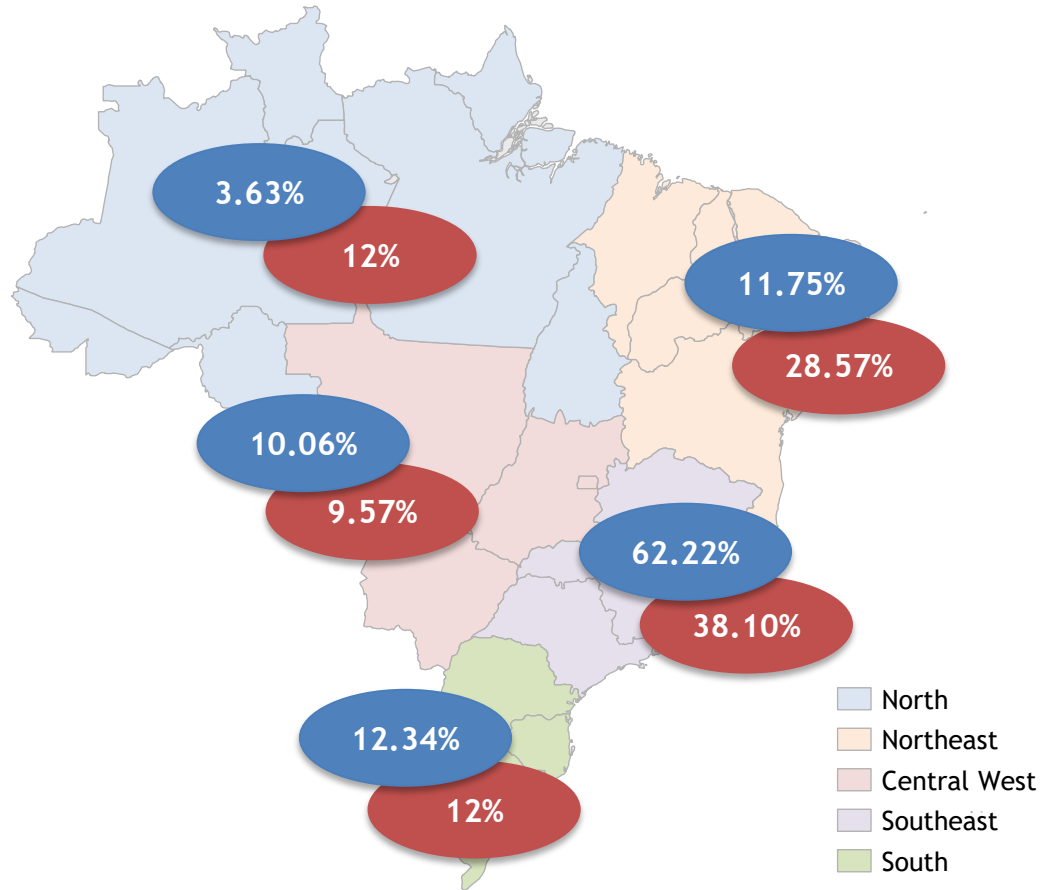
*Emotional drive*

- Change in the Brazilian families' profile
- Increased purchasing power of the Brazilian population
- Increase in life expectancy of people
- Developments in treatments and diagnoses in Veterinary Medicine
- Increase in life expectancy of pets

- Closer contact with the veterinarian
- Close relationship with the main customers and key opinion leaders in the sector
- Contribution to the creation and improvement of the entire chain
- Products well positioned in the market, in their respective therapeutic classes
- Commercial agility



## Operation Model Share by region - 9M15



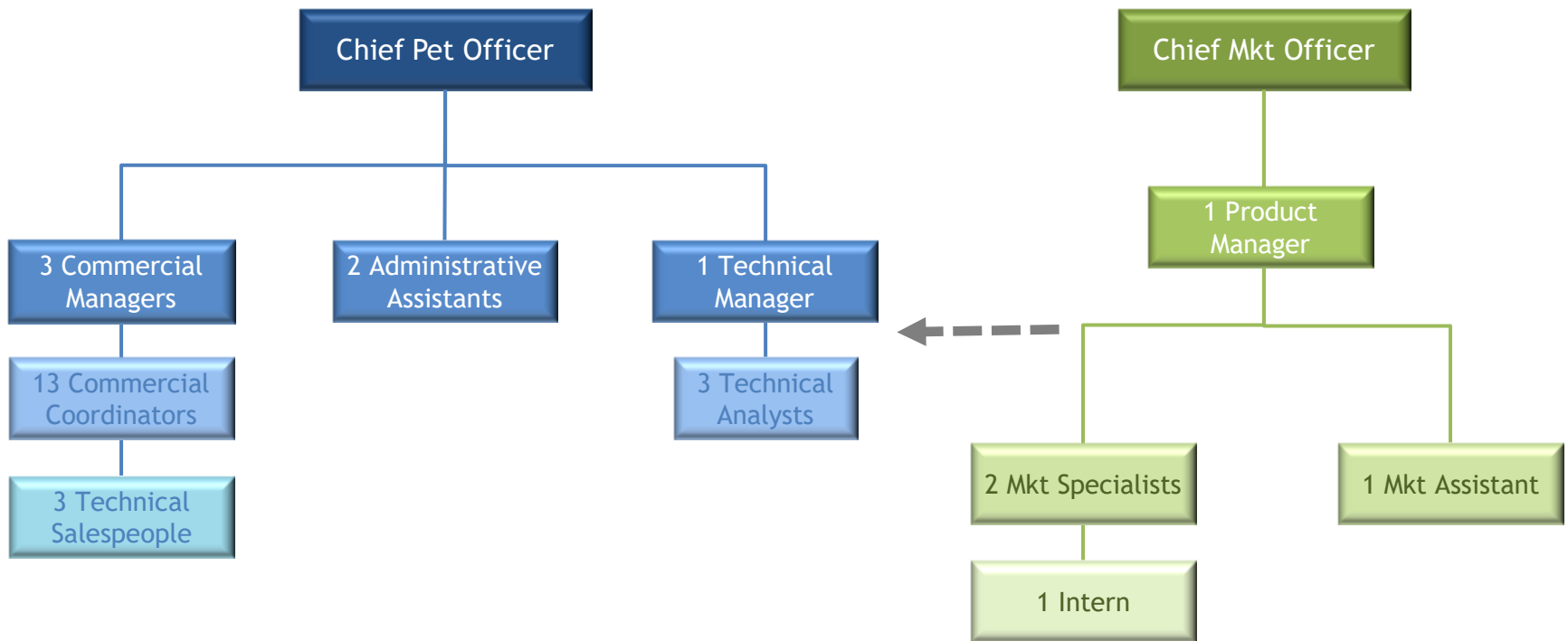
 Share in R\$  
 Share in number of distributors

- Coverage of 100% of the Brazilian territory: 22 States
- 95% of sales/distribution: closed and exclusive areas
- One single DS customer: Cobasi
- Major distributor has 7% share



- Average Ourofino Share: 62%
- Ourofino as Top supplier: 60% (25 distributors)
- 300 salespeople/supervisors
- 60 technical promoters to generate demand
- Growth of sell out: 22.5%

# Ourofino Pet - Organization Chart



 26 Commercial Brands

 36 Products

 82 SKUs

## Therapeutic Line



## OTC Line: Protection



## *Model of Interface with the influencers*

- Two major influencers
- Type of product

Prescription: Veterinarians

OTC: Shop assistants

## *Model of Interface with the end consumer*

- Dog or cat owner
- Recent relationship
- Decision at the POS
- Change in consumer's profile
- Great opportunities

## Marketing actions to reach the end consumer



Billboard in Ribeirão Preto



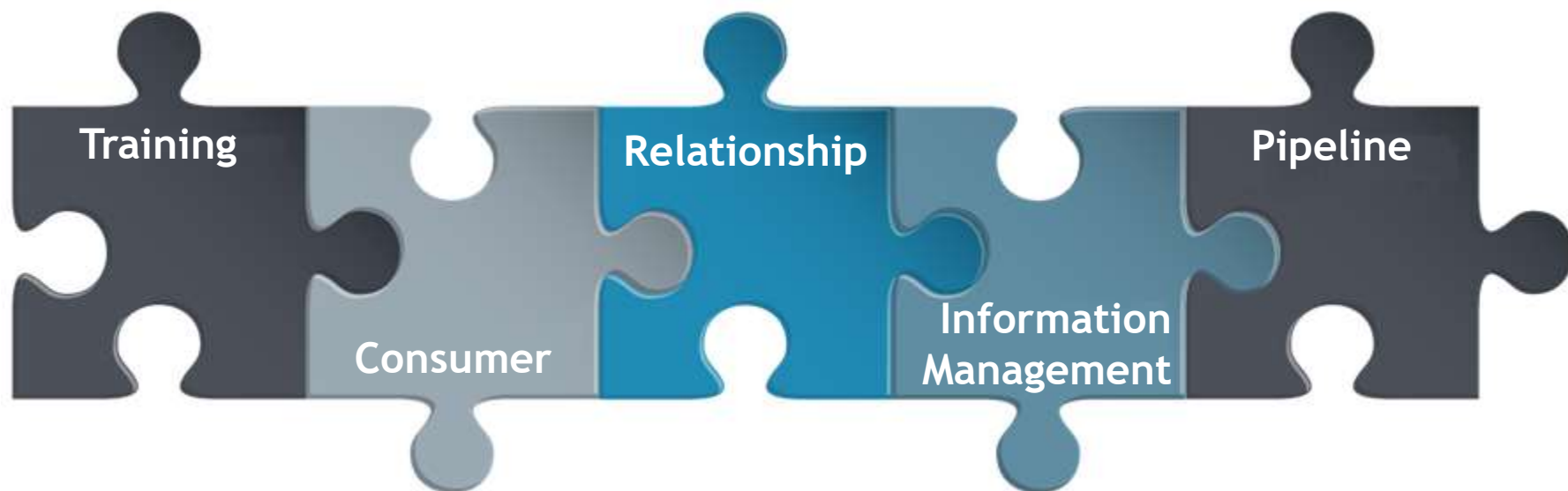
Bus advertising in MS



POS action with mascot Byte



POS action with sales promoter

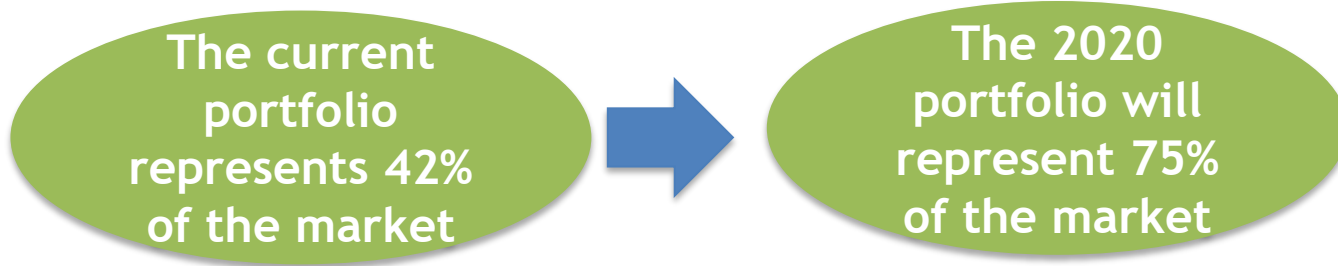




- Gain of market share in the line of ectoparasiticides
- Market coverage (pipeline)
- Tactical actions intended to increase the sales volume
- Actions to increase the product mix

### Trends:

- Products for cats
- Therapeutic
- Prevention: Biologicals
- Diagnoses



- Definition and monitoring of the business' KPIs
- Analysis of area vs. potential
- Easy Connect



GENERAL PROFILE

SALES ANALYSYS

AVERAGE PRICE

GEOGRAPHICAL ANALYSIS

INVENTORIES

SHARE

ANALYSIS BY SALESPERSON

GOAL X REALIZED

%

✓

CLEAN

SKU	✓
FAMILY	✓
DISTRIBUTOR	✓
SALESPERSON	✓
POS	✓
REGIONAL	✓
OPERATION TYPE	✓
SALES STATUS	✓

Active Distributors  
**38**

Sell Out (R\$)  
**9,669,969.96**

Positive results (POS)  
**44.94%**

Product Mix  
**11.99%**

Current Selections

PERIOD TYPE: CURRENT  
 YEAR\_PERIOD: 2015  
 MONTH\_PERIOD: SEP  
 CLASSIFICATION: ALPHABETICAL

YEAR

2012	2014
2013	2015

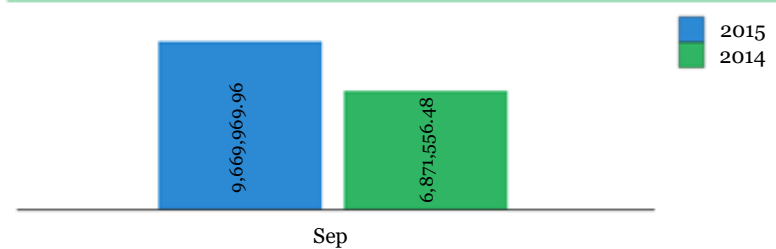
QUARTER

3Q	2Q
1Q	4Q

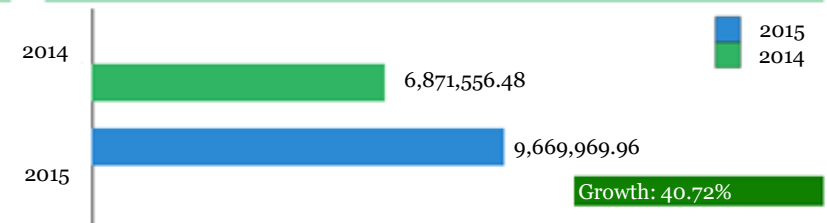
MONTH

Sep	Feb	Apr	Jun	Aug	Nov
Jan	Mar	May	Jul	Oct	Dec

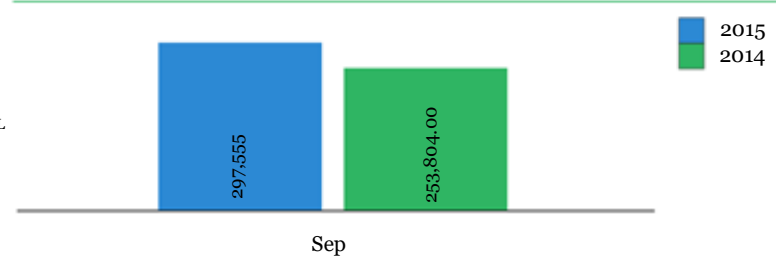
Monthly Sell Out Evolution (R\$)



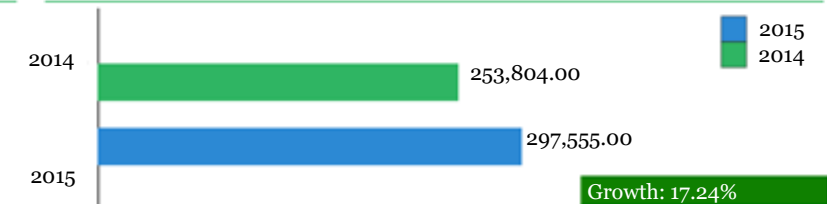
Sell Out Evolution (R\$)



Monthly Sell Out Evolution (Unit)



Sell Out Evolution (Unit)



EasyConnect



## *Characteristics of the Pet industry*

- Highly scattered chain
- Small and medium-sized companies
- Familiar management
- Lack of information
- Poor professional qualification and management

- Intensify relationship with the end consumer
- Specific training projects for the sector
- Studies of new Sales Models



Ourofino  
Day



**agroconsult**  
consultoria e projetos





# Cattle Raising

## Evolution and technological insertion

Maurício Palma Nogueira, Agronomist Engineer



**ourofino**  
saúde animal

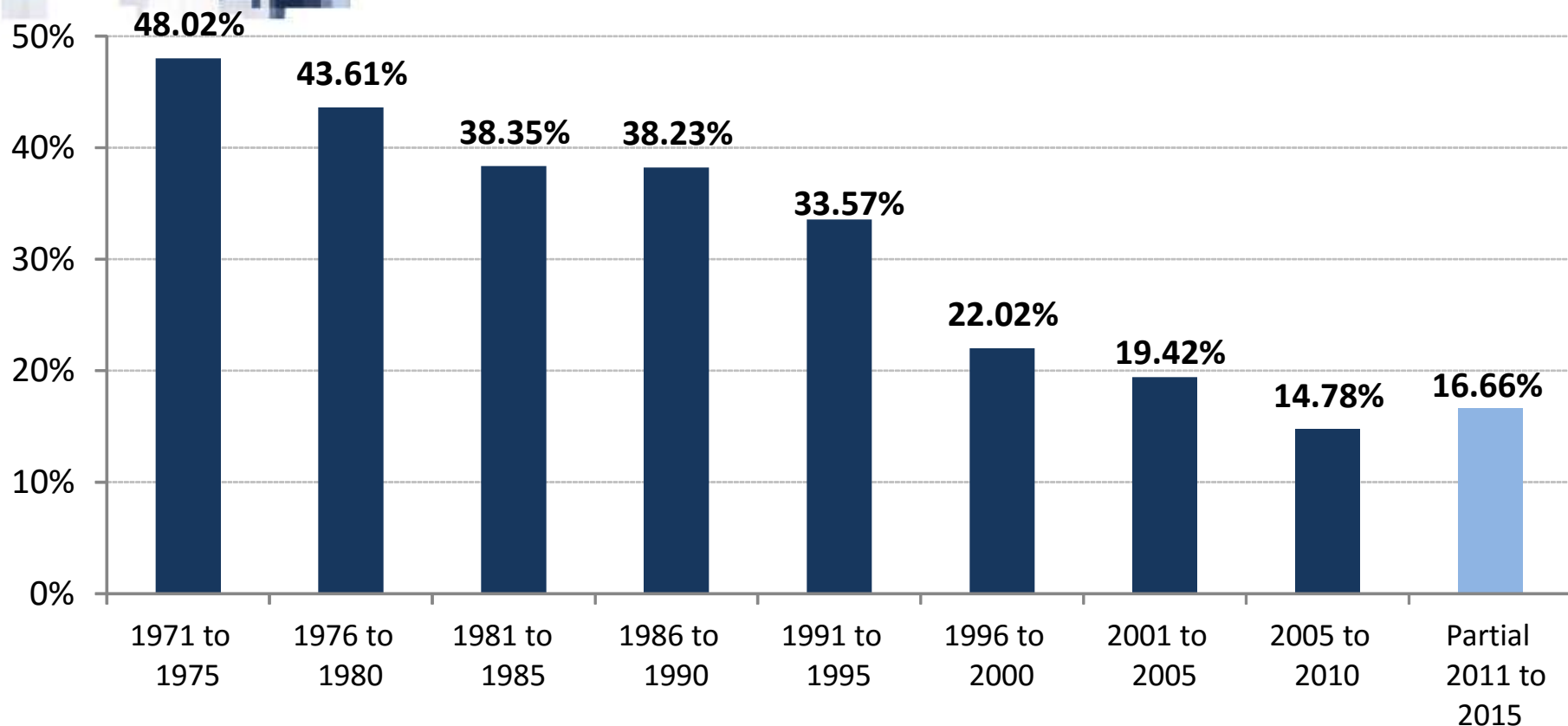


# BACKGROUND AND TRENDS IN CATTLE RAISING

- The calf market explains the history of cattle raising
- Gradual decrease in the margins of producers

# WHAT DRIVES THE TECHNOLOGICAL TREND

Evolution of the average profit margin for beef cattle - per arroba

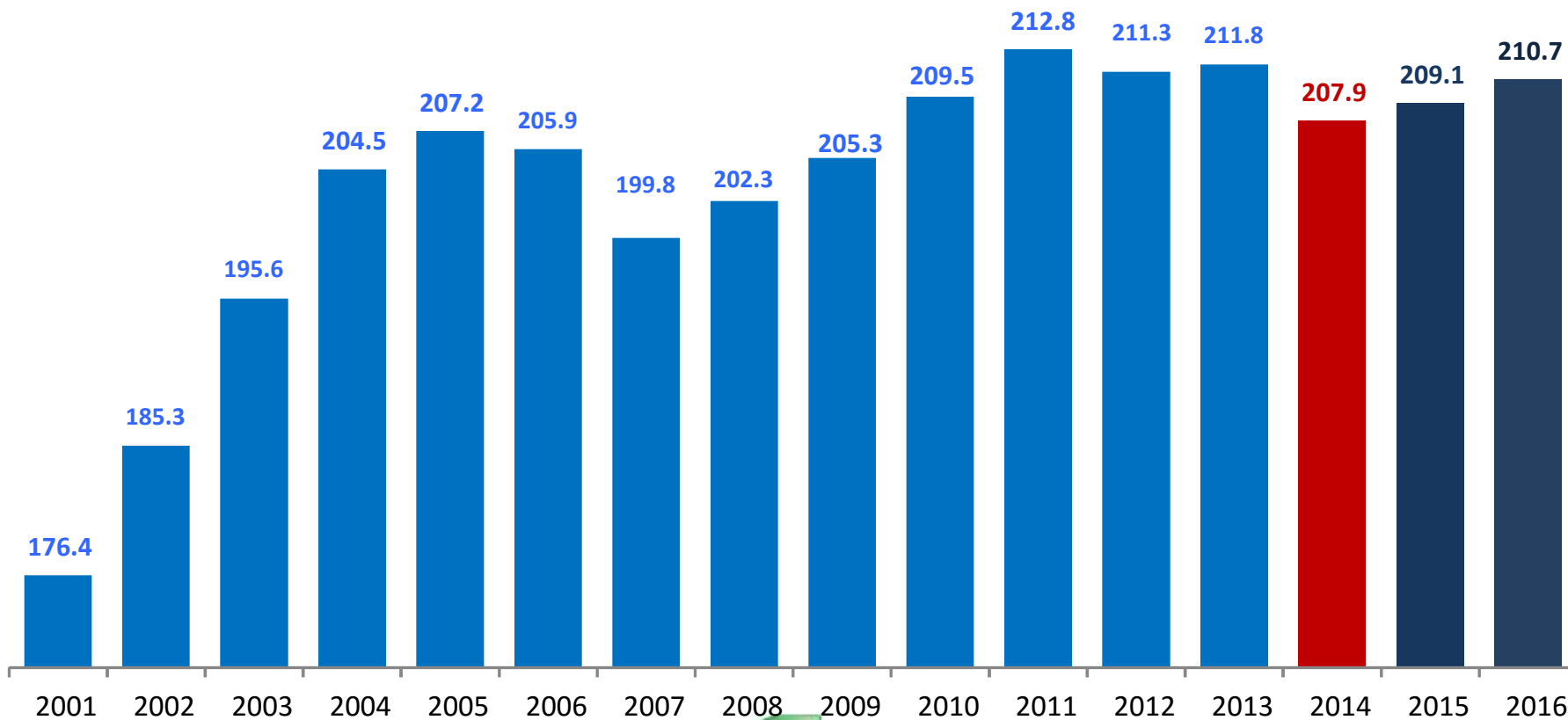


# BACKGROUND AND TRENDS IN CATTLE RAISING

- The calf market explains the history of cattle raising
- Gradual decrease in the margins of producers
- Dairy cattle raising suffers the influence of the beef cattle raising
- Starting in the 1990s, poultry and pig raising have incorporated technology faster
- Herd at the growing stage

# HERD REPLENISHING GROWTH

Million heads



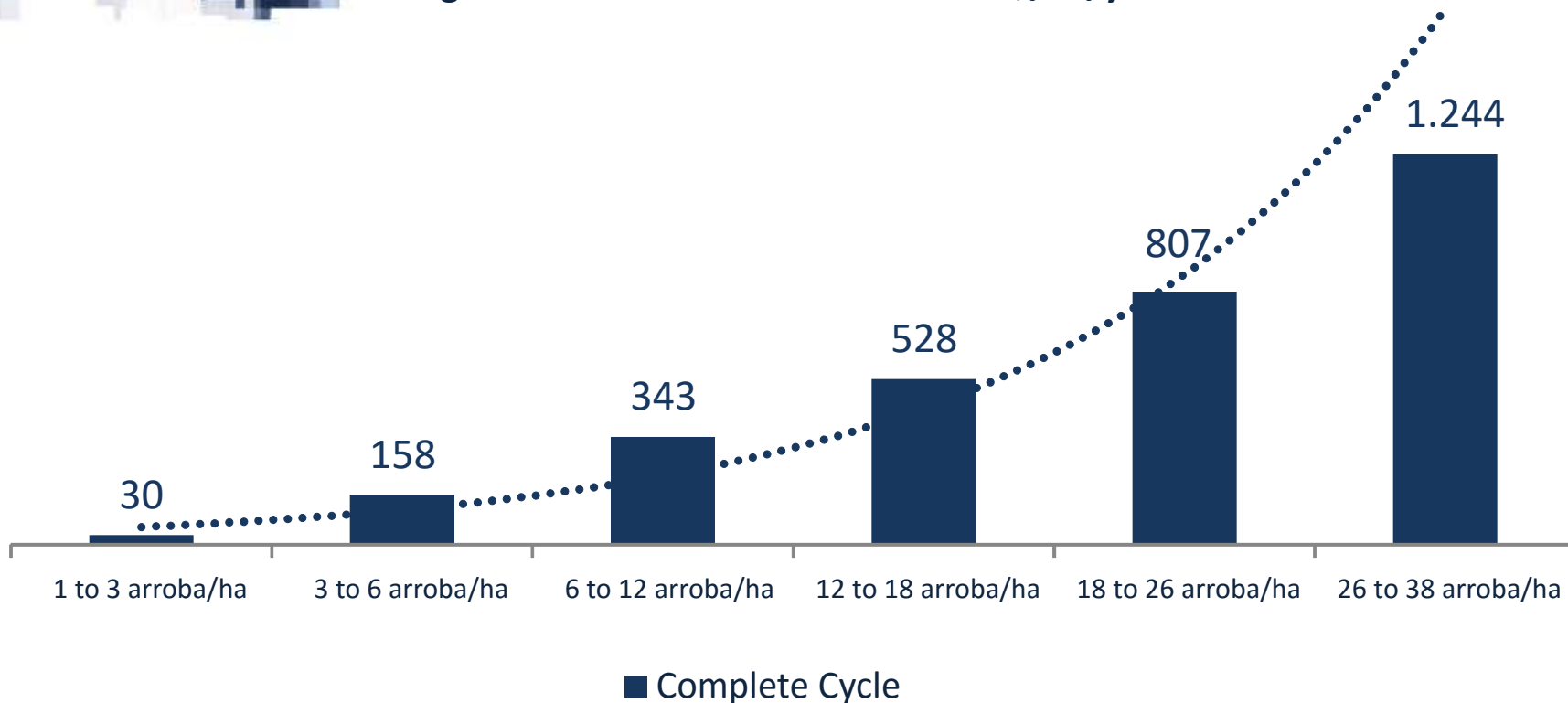
# BACKGROUND AND TRENDS IN CATTLE RAISING

- The calf market explains the history of cattle raising
- Gradual fall in the margins of producers
- Dairy cattle suffers the influence of beef cattle
- From 1990, poultry and pig farming incorporates technology faster
- Herd at the growing stage
- Brazil 2015: slaughter and meat production
- **Sustainability and permission from society: What is the truth?**
- Pressure for increasing the technology level

Does it pay off for the producer to invest in technology?

# DOES THE USE OF TECHNOLOGY PAY OFF?

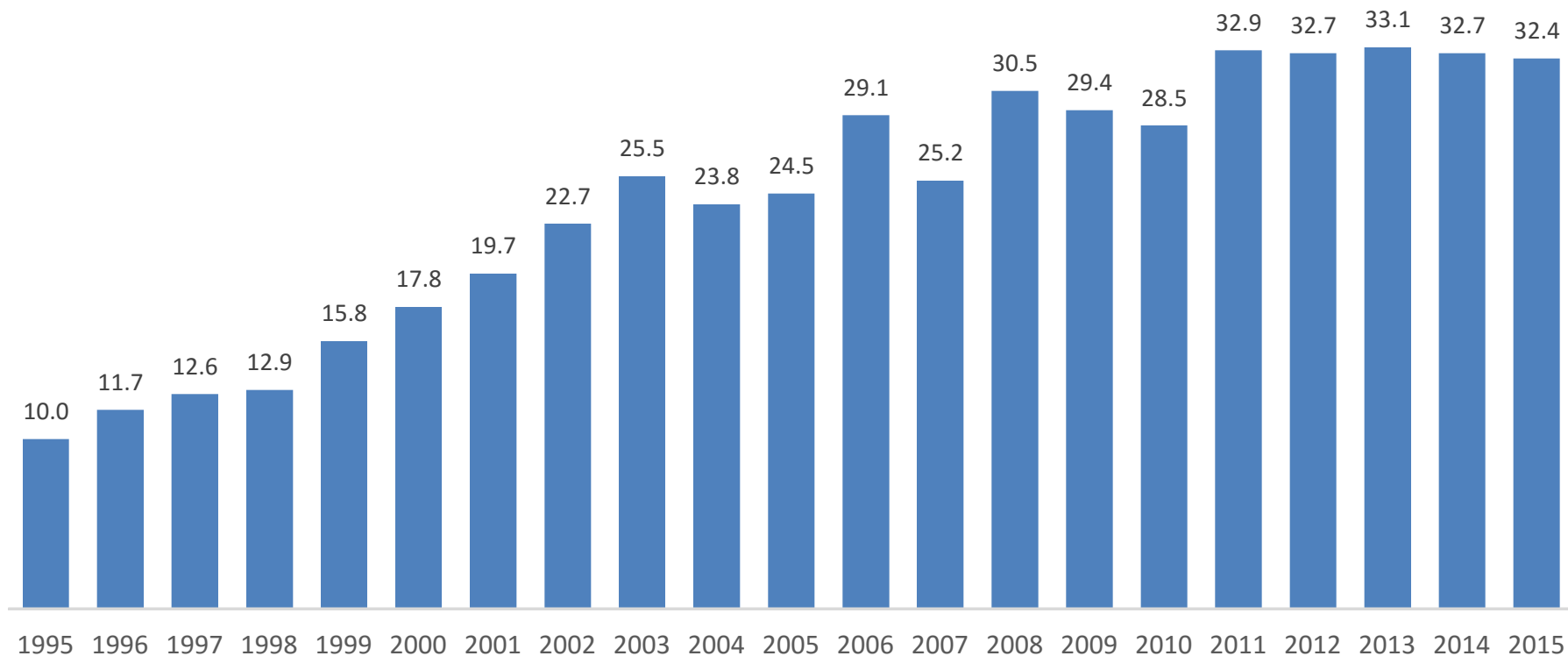
Analysis of operating profit /ha by technology level  
Average of 10 States Preview for 2015 R\$/ha/year





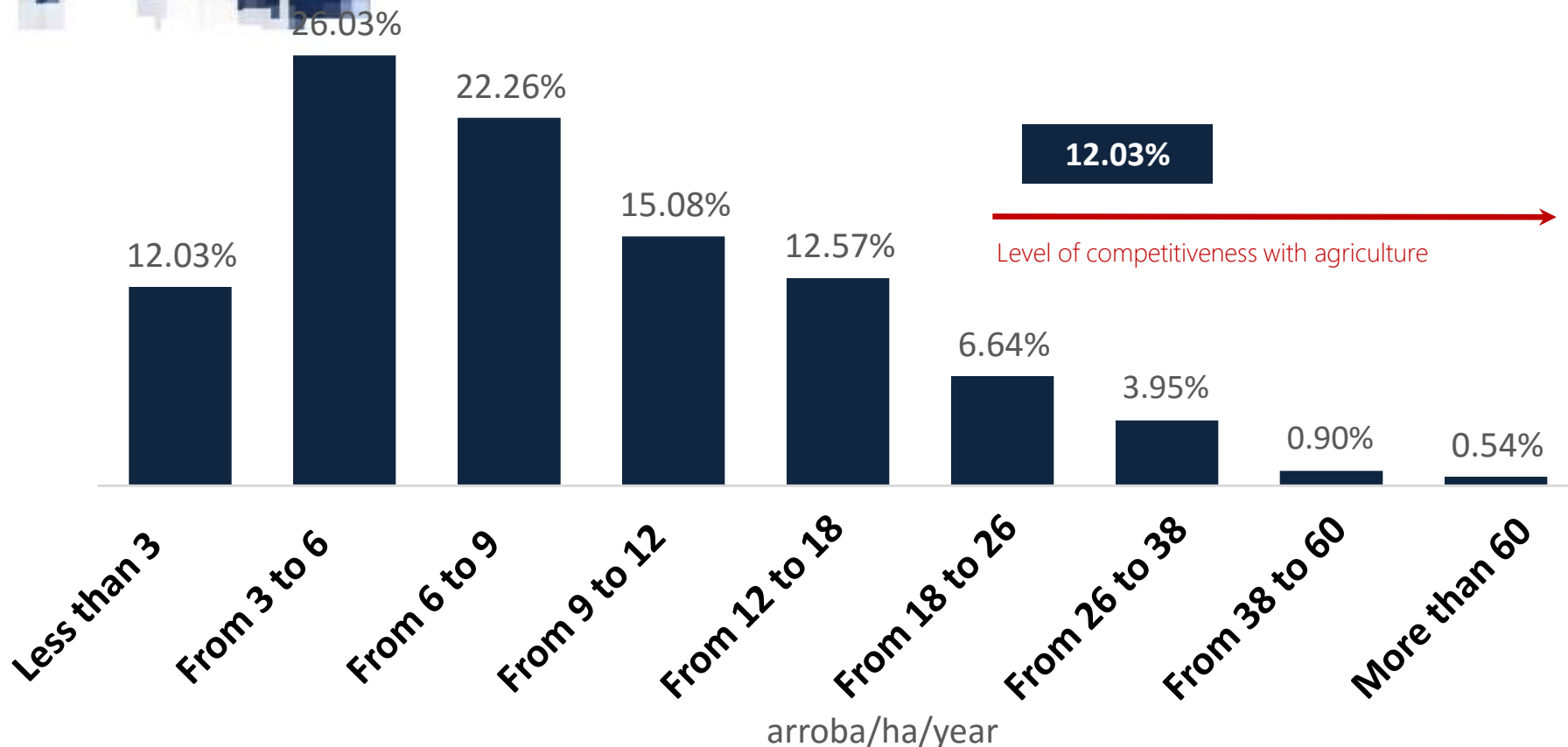
# PRODUCTIVITY IN DAIRY CATTLE RAISING

Demand for productivity per hectare to maintain the income achieved in 1995  
Thousand liters/ha/year



# PRODUCTIVITY - PRODUCERS IN THE CATTLE RAISING RALLY

Distribution of producers by productivity

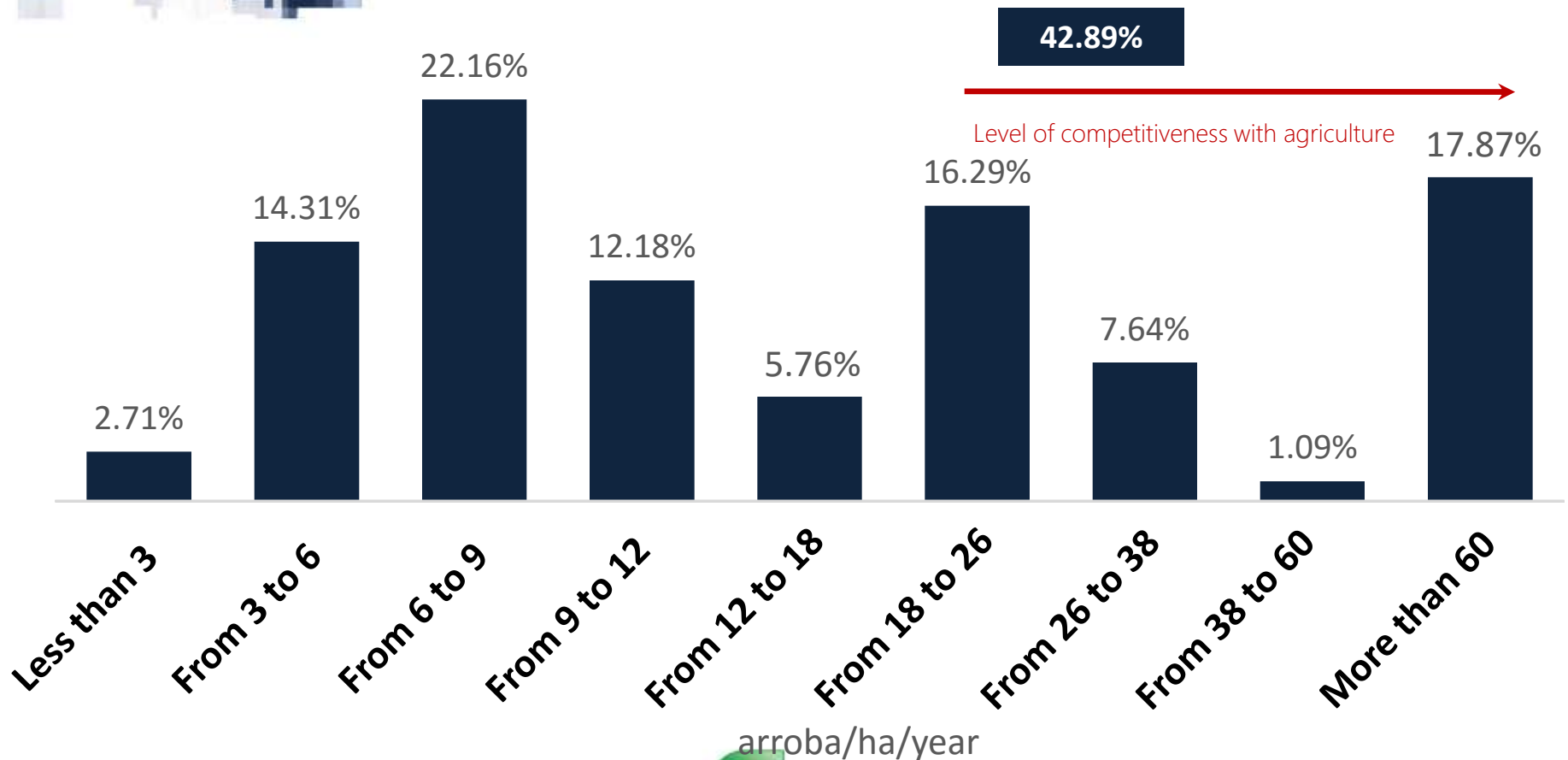


Rural producers are becoming increasingly aware



# PRODUCERS IN THE CATTLE RAISING RALLY

Distribution of slaughter in relation to productivity

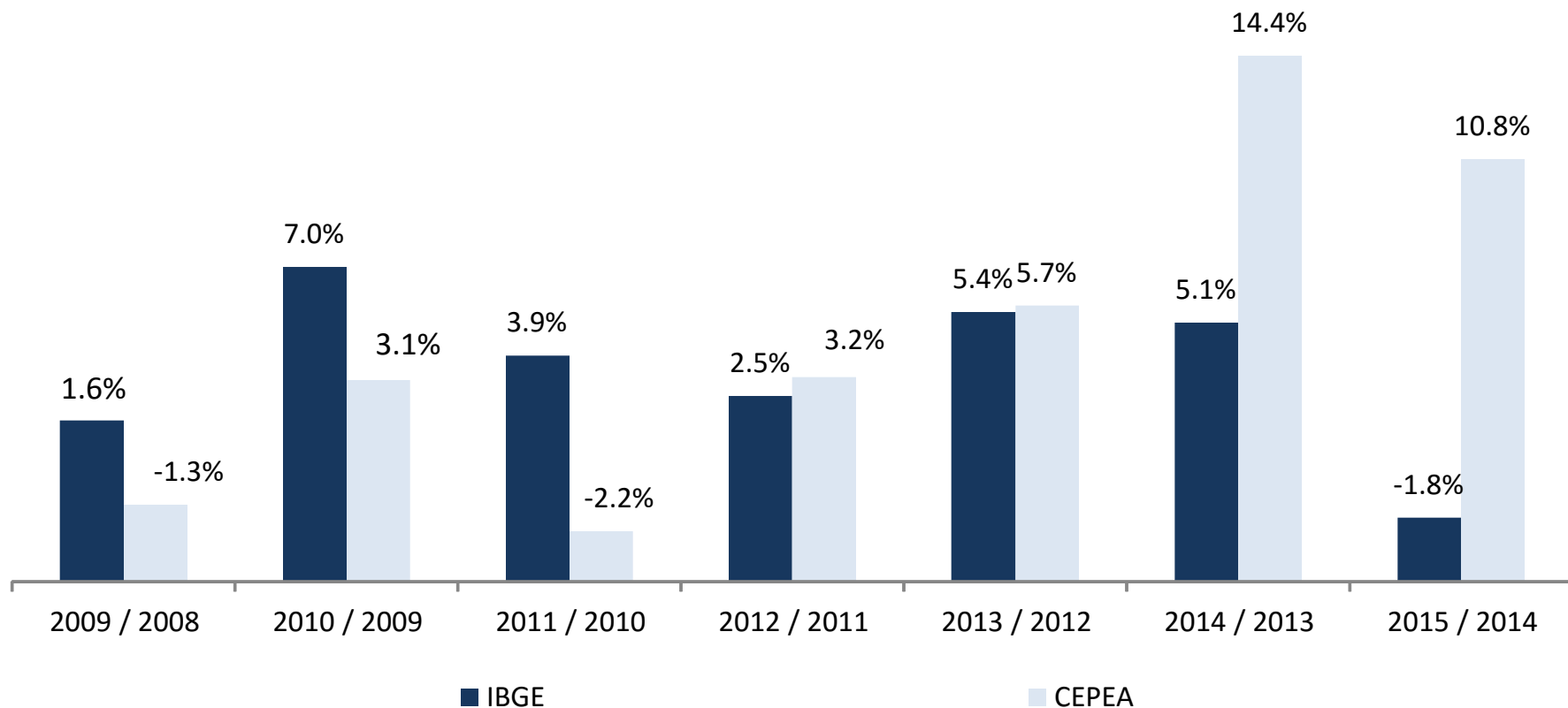


Rural producers are becoming increasingly aware



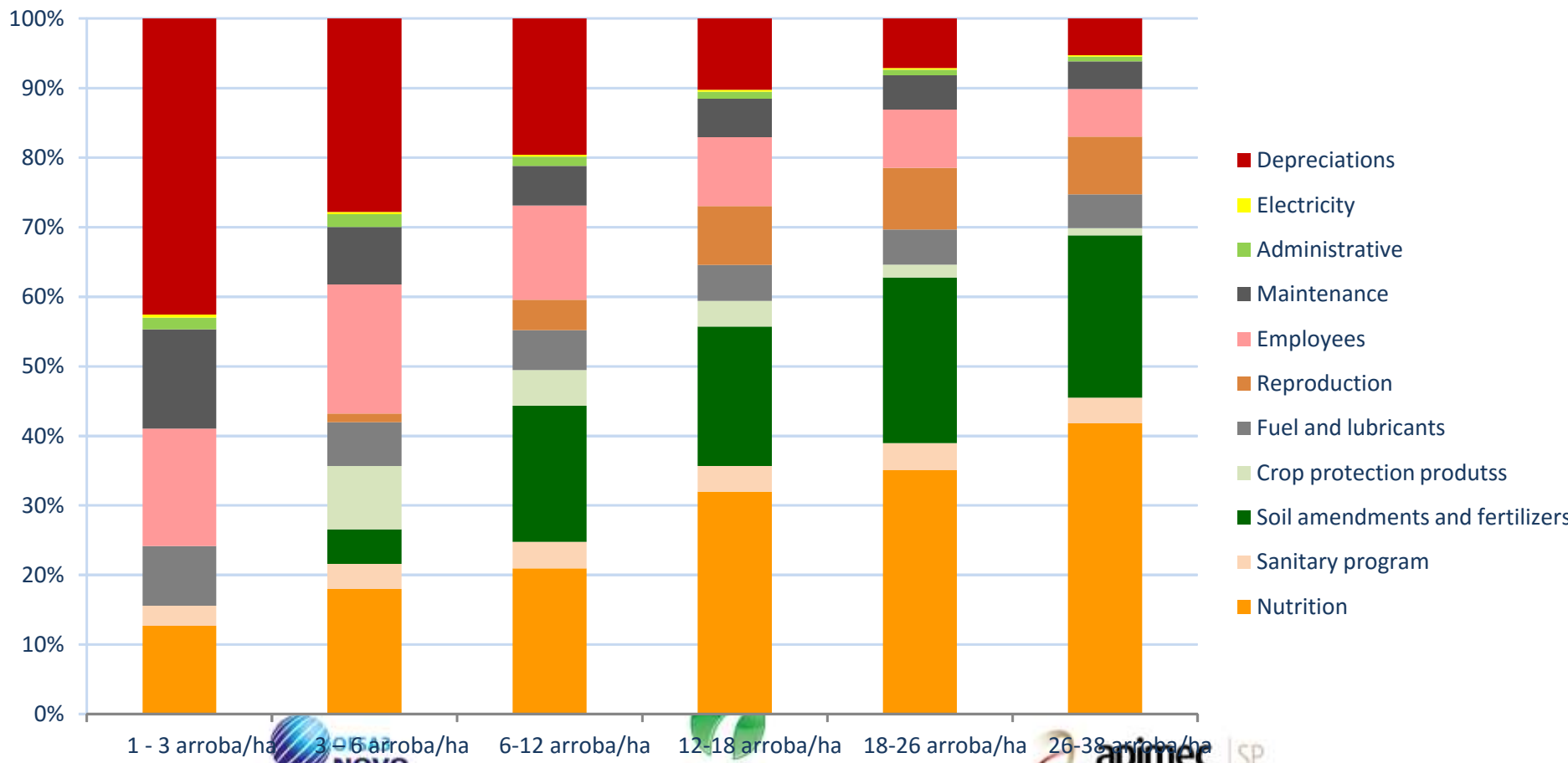
# PROFESSIONAL PROFILE OF THE DAIRY CATTLE RAISING GETTING BETTER?

Changes in milk supply as compared to the previous year



# Why is the industry of inputs interested in technology?

# WHY IS THE INDUSTRY INTERESTED IN INCREASING THE TECHNOLOGICAL PACKAGE?



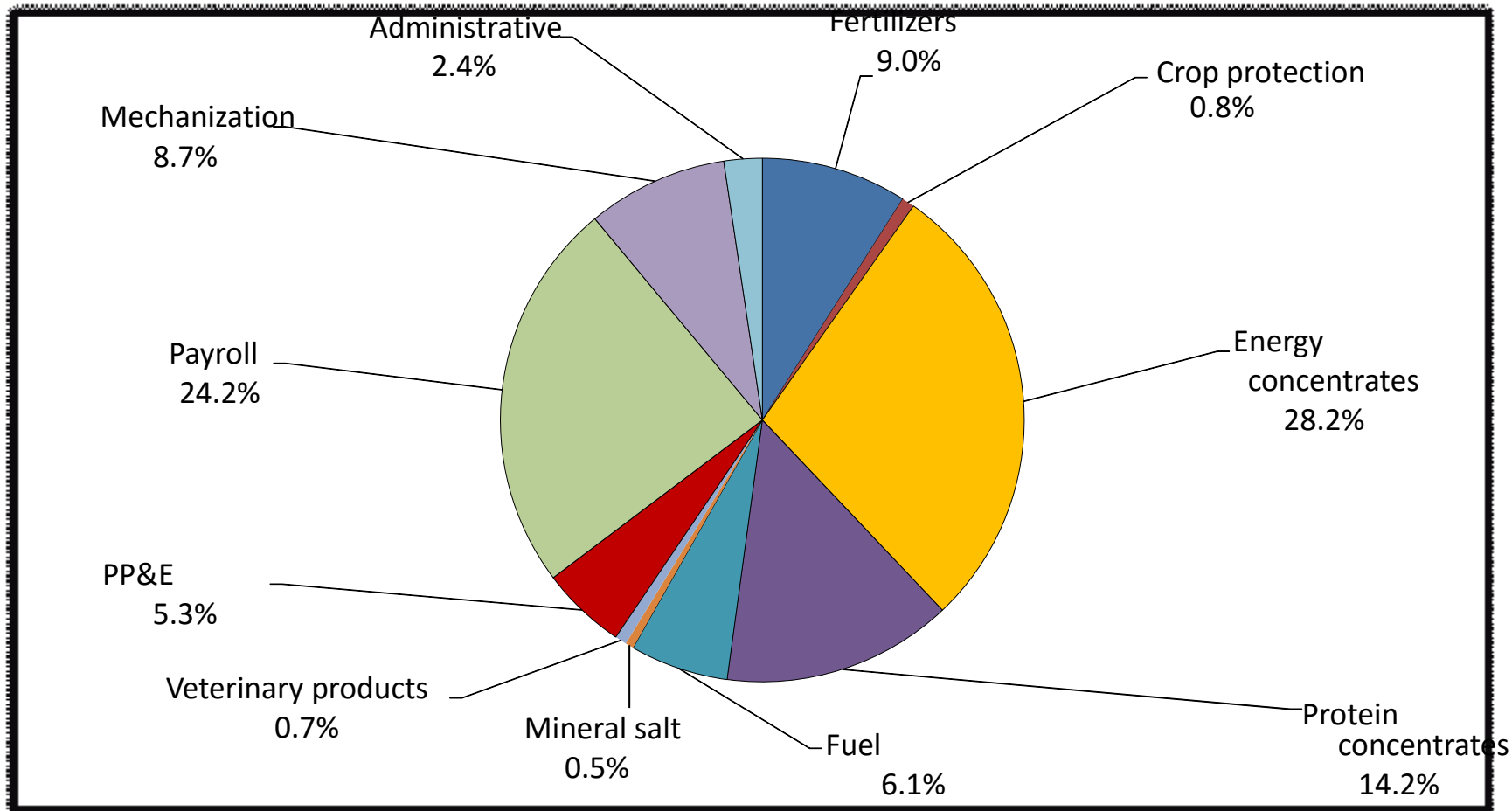
Source: Agroconsult



# IN DAIRY CATTLE RAISING

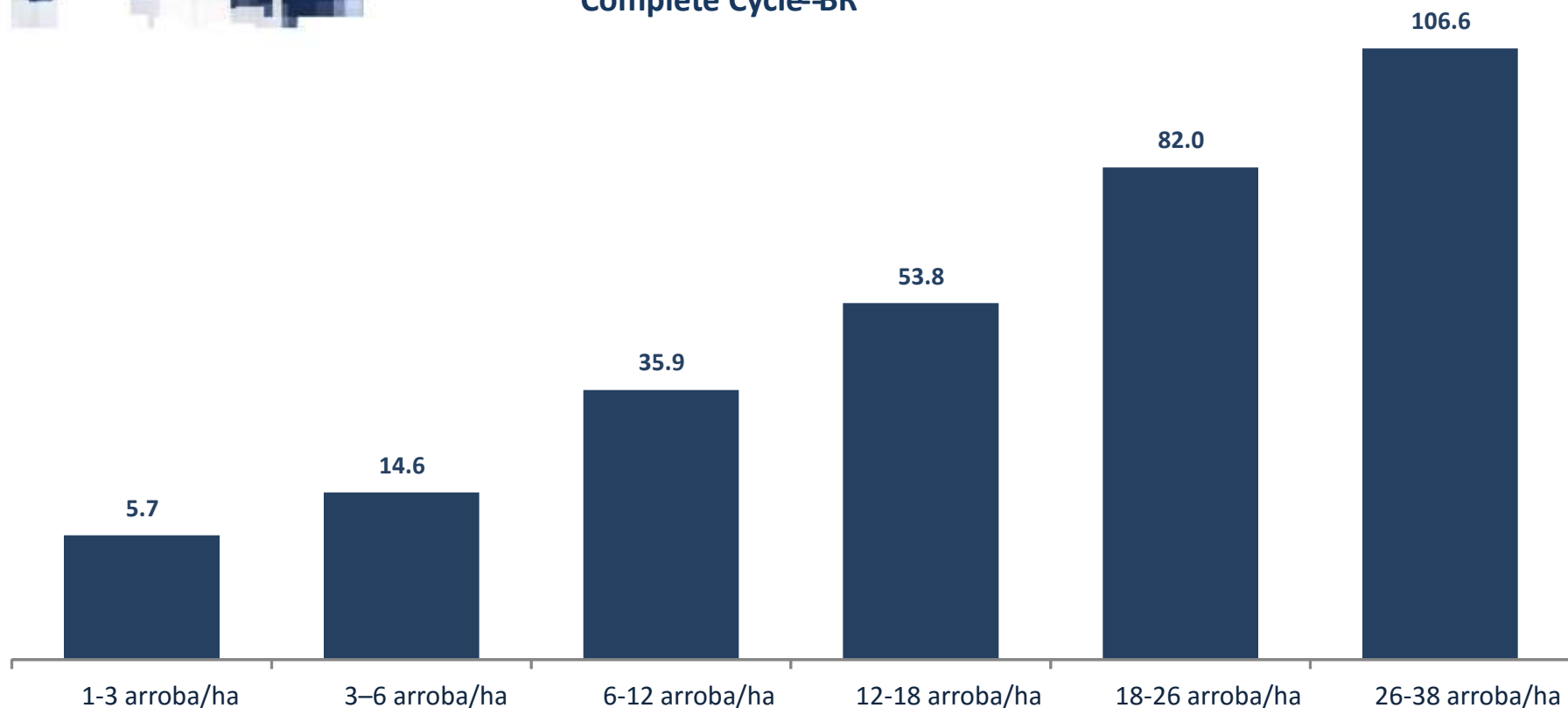
the reason is the same.

Breakdown of costs in dairy cattle raising



# BREAKDOWN OF COSTS IN THE INTENSIFICATION PROCESS

Market potential for veterinary products by technology (R\$/ha/year) - Complete Cycle-BR



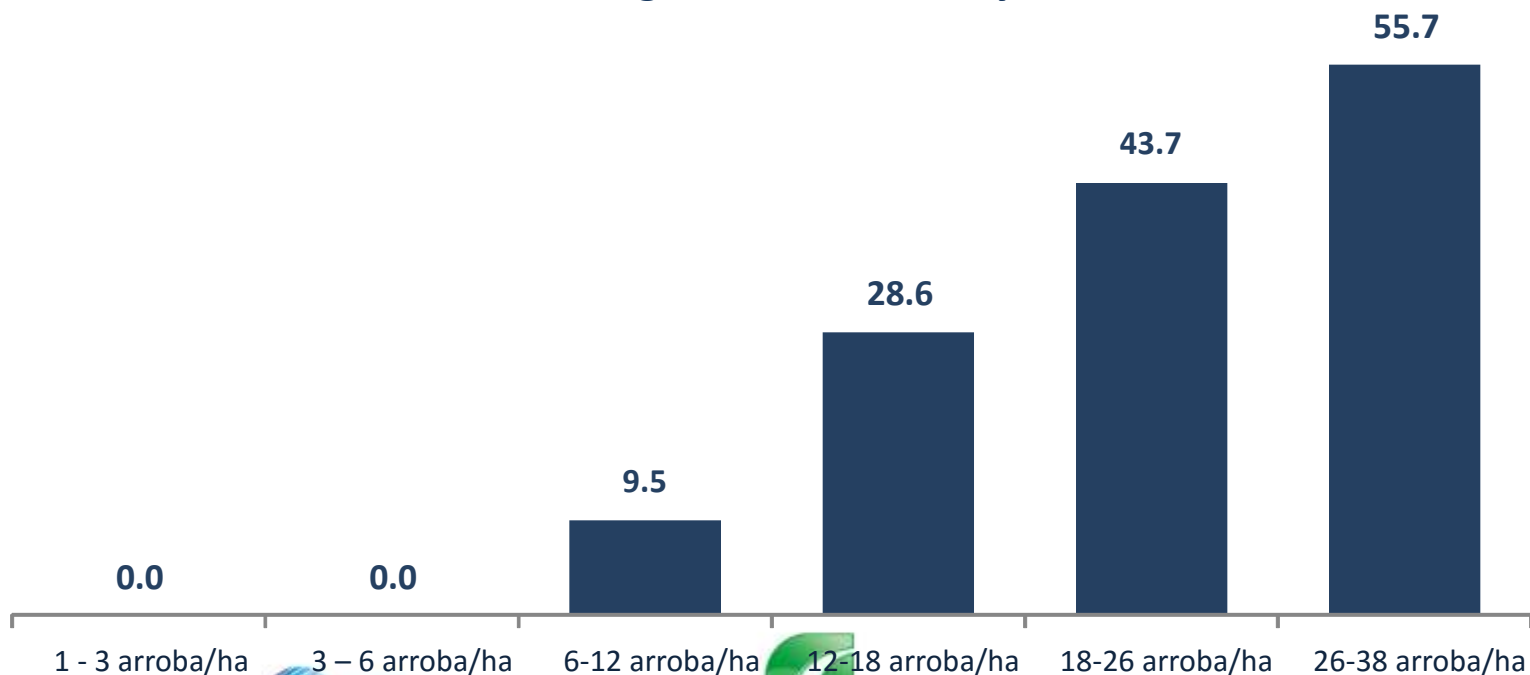
■ Sanitary program



Considering only the use of the protocols, not including the semen.

Estimate of costs per hectare by technology level in cattle raising

## Market potential of IATF protocols with increased technological level R\$/ha/year



# Scenario and projections

# WHAT TO EXPECT IN THE LONG TERM?

- Urbanization, population, GDP growth in developing countries, the case of China and commodities
- Demand for protein in the world and in Brazil
- Beef exports = > India risk; health status
- The cattle raising cycle and the introduction of a novelty: "crop failure"
- Pigs and Poultry
- Milk and dairy products

## WHAT TO EXPECT IN THE SHORT TERM?

- Lower margins for cold storage plants in the domestic market
- Profitability from exports in Reais. Decrease by 21.5% in US\$ and increase by 6.5% in R\$
- Pig and chicken market and opportunities for the coming weeks
- Impacts of overpricing trend in the calf market: on rebreeding/fattening and breeding
- Pastures in the first six-month period and the possibility of accelerating the preparation of animals as we approach year-end
- The demand will continue to exceed the supply
- Costs will exceed prices in 2016



Is the  
crisis  
making  
the  
producer  
insecure?

**“The best way to  
predict your future  
is to create it”**

Abraham Lincoln  
Peter Drucker  
Alvin Toffler  
Ilya Prigogine, Alan Curtis Kay

Ourofino  
Day

Cattle Raising Team



(A free translation of the original in Portuguese)

# Ourofino Day

## *Production Animals*

*Luís Eduardo T. Grégio*  
*Commercial Director*



- Livestock Farming and Sector Trends
- Marketing Strategy
- Product Portfolio
- Growth Strategy

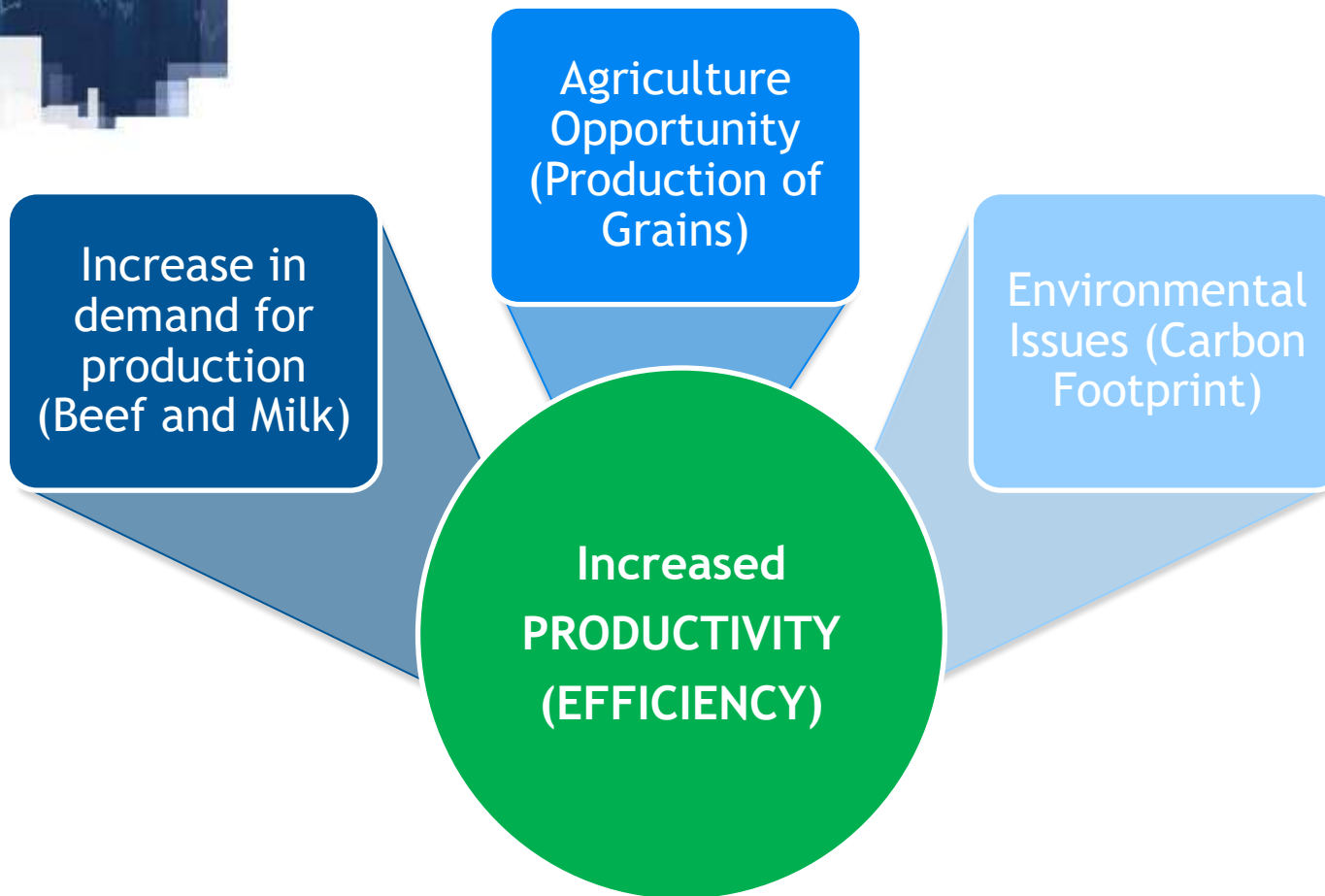


(A free translation of the original in Portuguese)

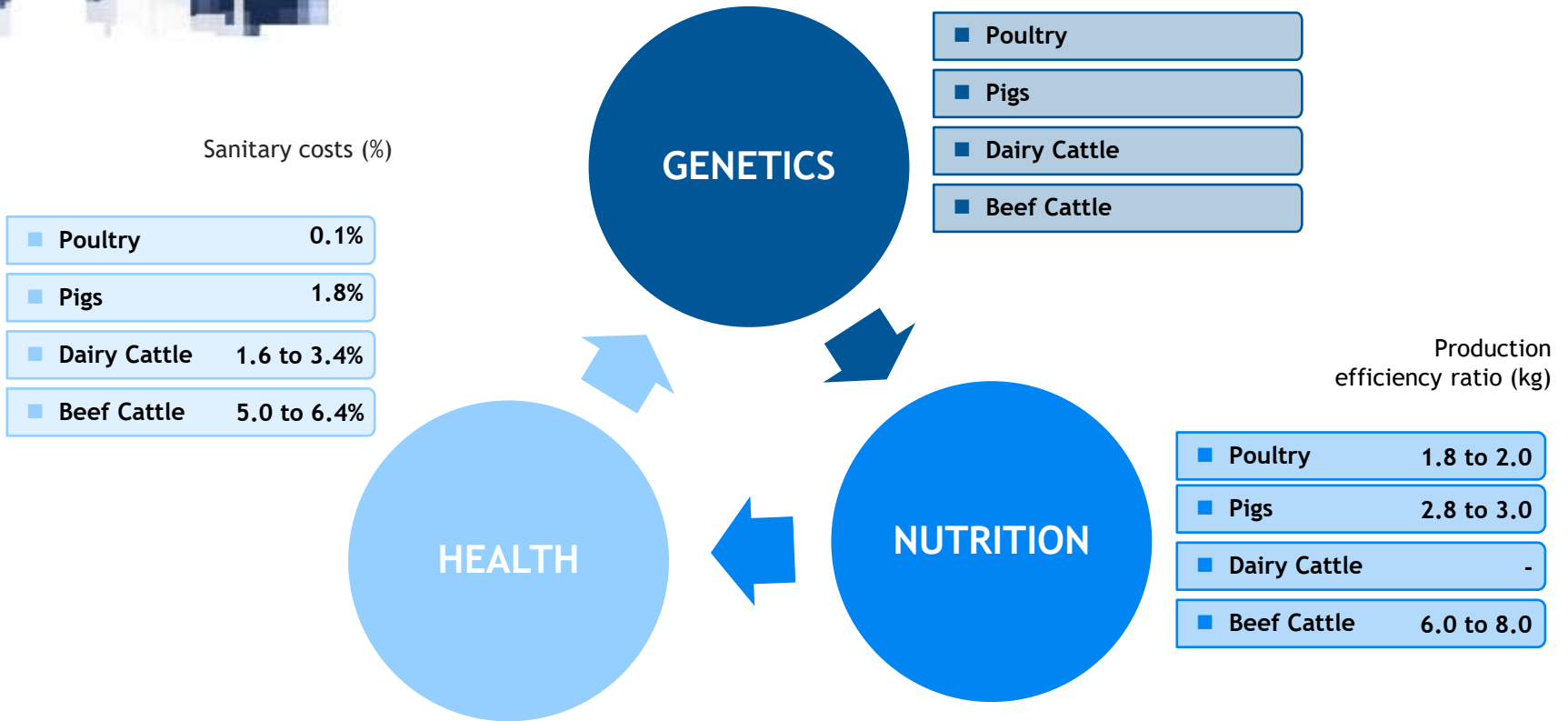


# Livestock Farming Sector and Trends

# Platforms of Productivity



## Platforms of Productivity

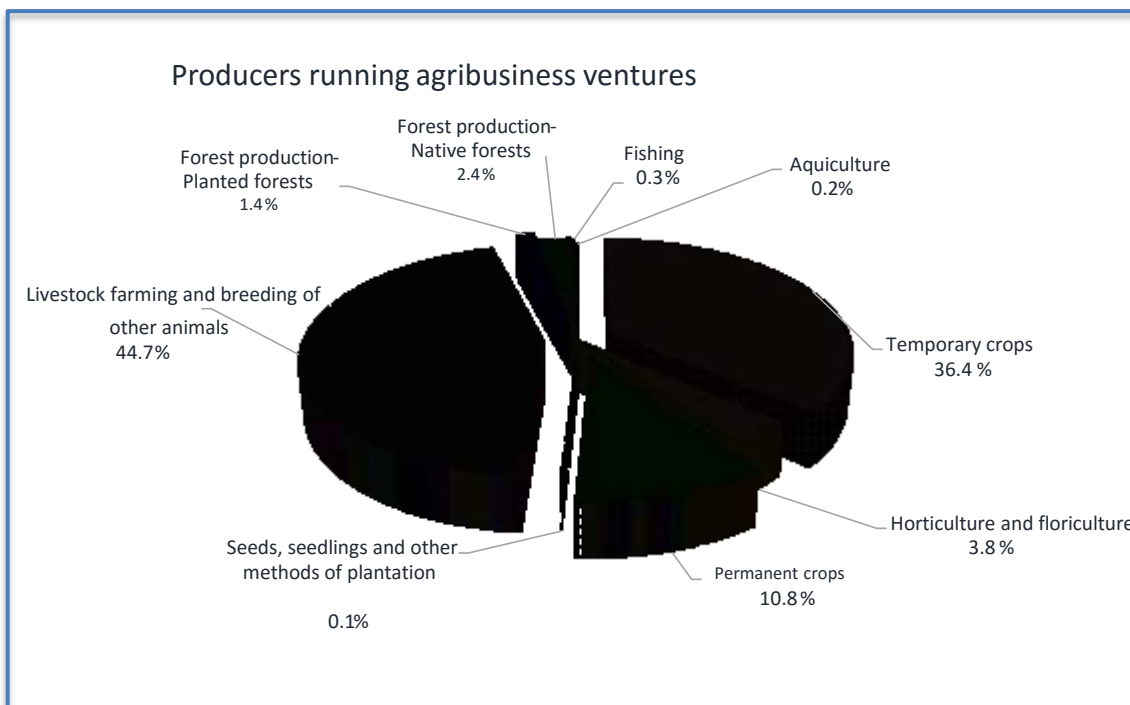




# Marketing Strategy

## Livestock farming in the agrarian structure

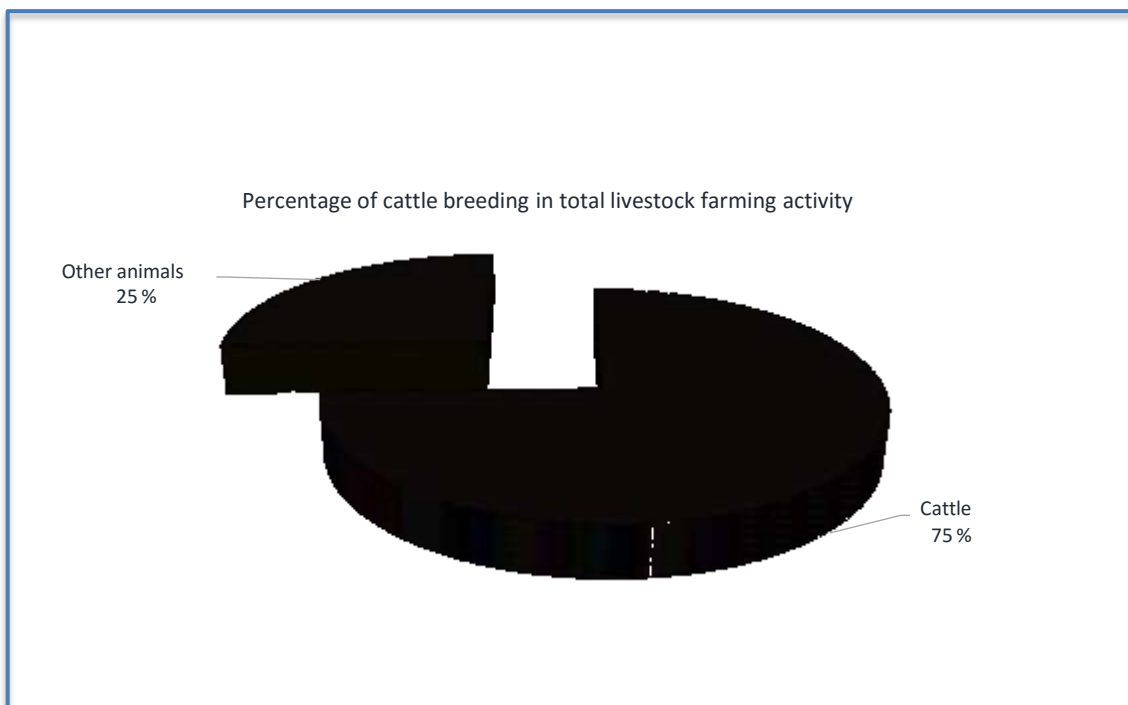
- In 2006, there were 5.18 million producers running agribusiness ventures.
- Most of these producers were involved in livestock breeding projects. The portion referring to 44.7% of the total represented 2.3 million establishments dedicated to livestock farming. Although the current proportion of establishments tends to be similar to that of 2006, changes in the use of land might have led to significant changes in the occupancy pattern, particularly in the States of Mato Grosso and Mato Grosso do Sul.



Source: Agroconsult

### Cattle breeding in livestock farming

- Of the 2.3 million establishments engaged in livestock farming, 1.73 million, or 75% of the total, are engaged in cattle breeding activities.
- For this reason, 'livestock breeder' has become a synonym for 'cattle breeder' and such generalization ends up confusing the analyses of market's statistics. Very often, general information on livestock farming is not clear and the understanding of an author's concept of livestock farming in a study or research may lead them to a subjective interpretation.
- Some cattle breeding farms may breed other animals as well for commercial purposes.

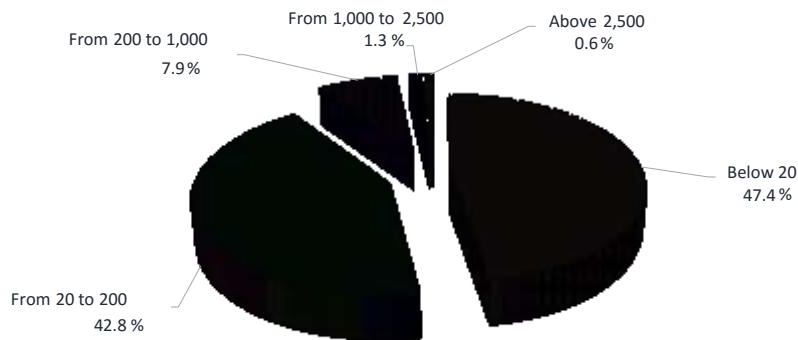


Source: Agroconsult

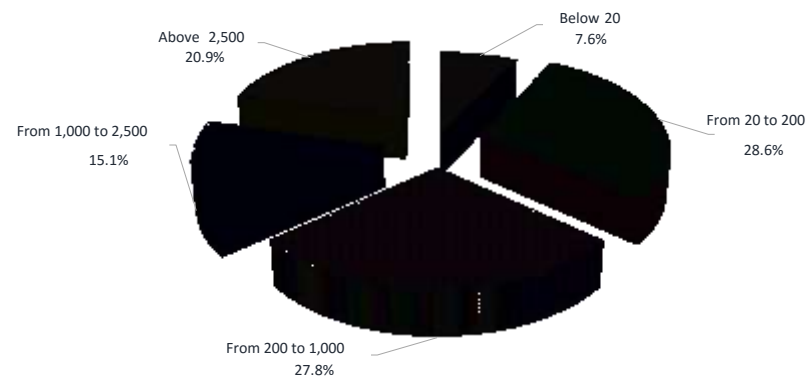
## Establishments and livestock by area - ha

- Approximately 90% of the farms are smaller than 200 hectares

Distribution of establishments by area - ha



Distribution of livestock by area - ha



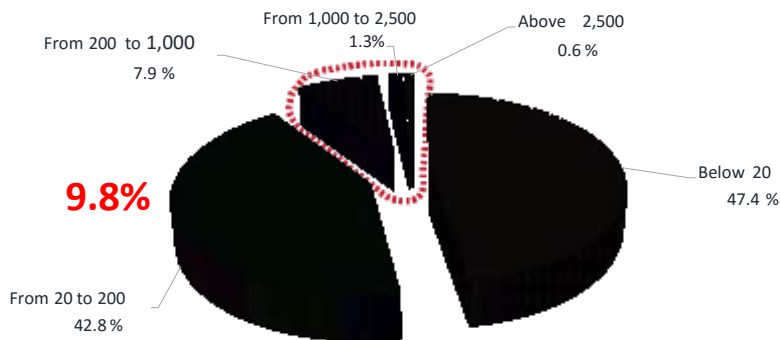
- Approximately 64% of the livestock is in farms smaller than 1,000 hectares
- Approximately 21% of the livestock is in 0.7% of the properties.
- The largest areas are located in the Amazon Biome.

Source: Agroconsult

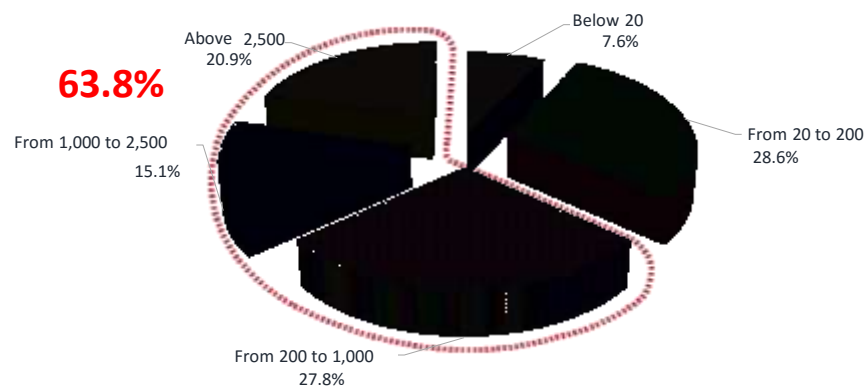
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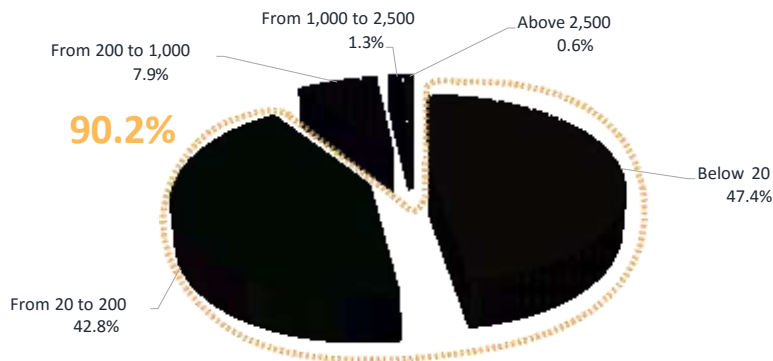
Source: Agroconsult



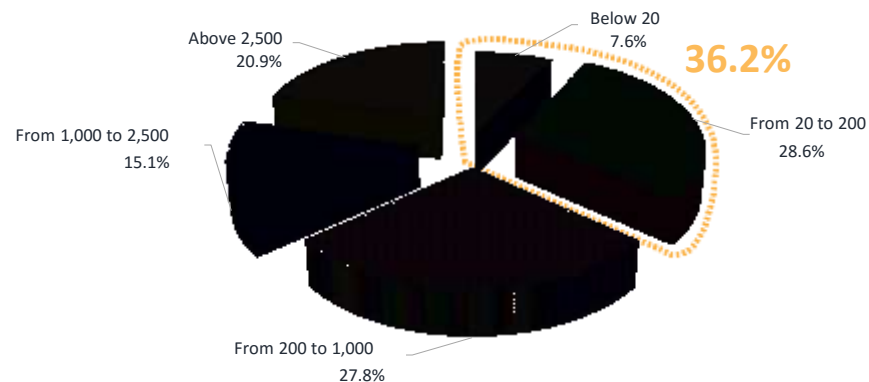
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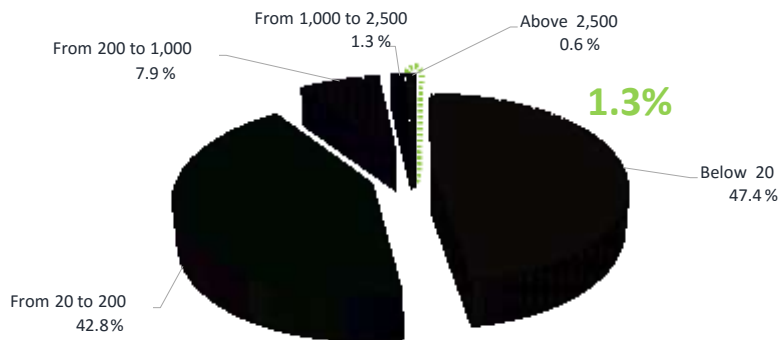
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- The largest areas are located in the Amazon Biome.

Source: Agroconsult

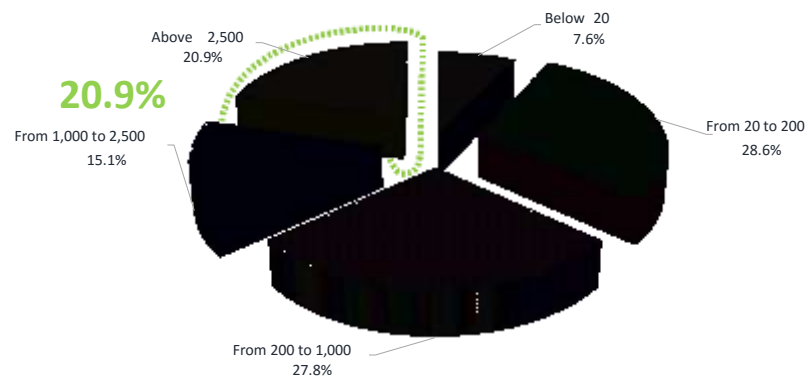
## Establishments and livestock by area - ha

- Approximately 90% of the farms are smaller than 200 hectares

Distribution of establishments by area - ha



Distribution of livestock by area - ha



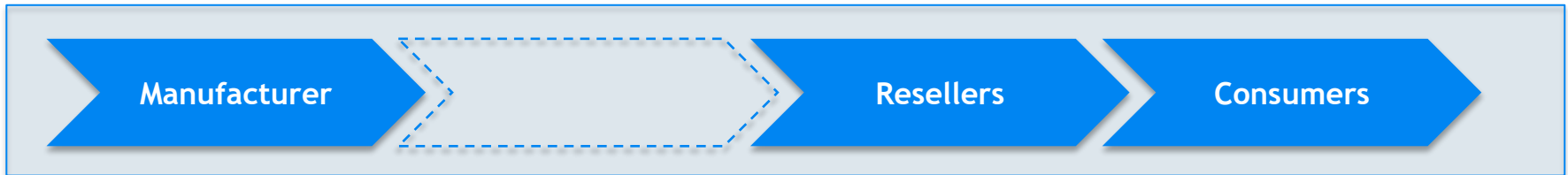
- Approximately 64% of the livestock is in farms smaller than 1,000 hectares
- Approximately 21% of the livestock is in 0.7% of the properties.
- The largest areas are located in the Amazon Biome.

Source: Agroconsult

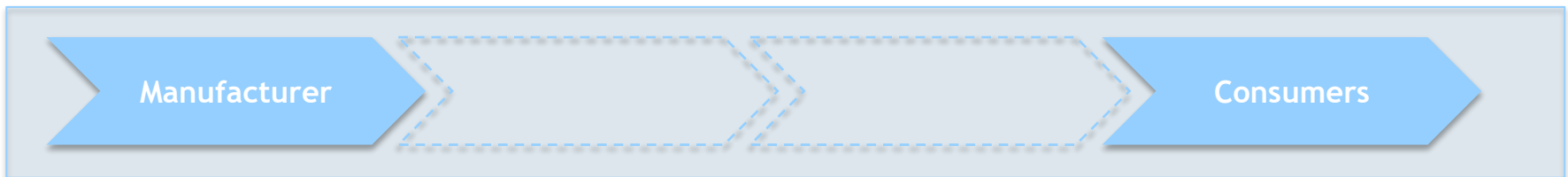
## *Straight Distribution*

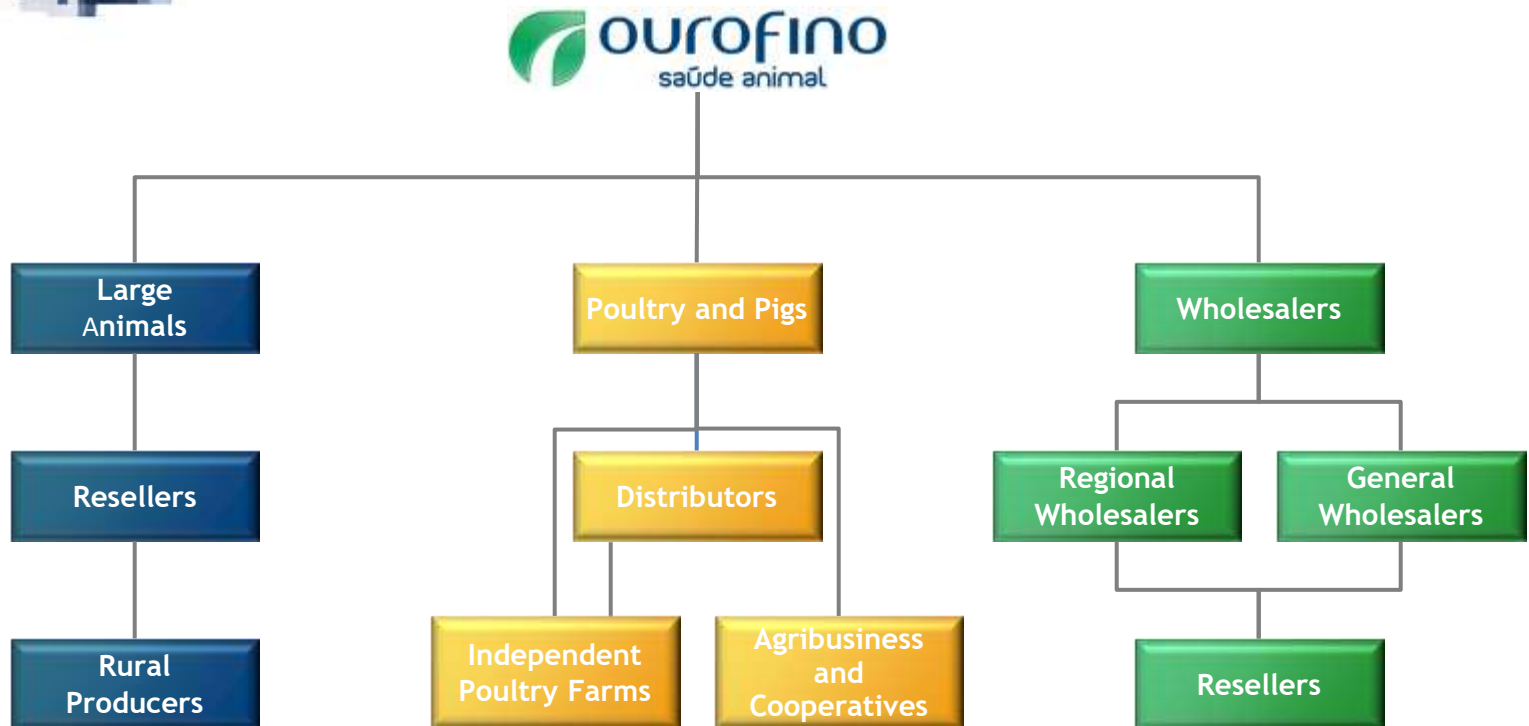


## *Distribution through Resale*



## *Direct Sales*





## Livestock Breeder's Needs

• *Specialized consulting*

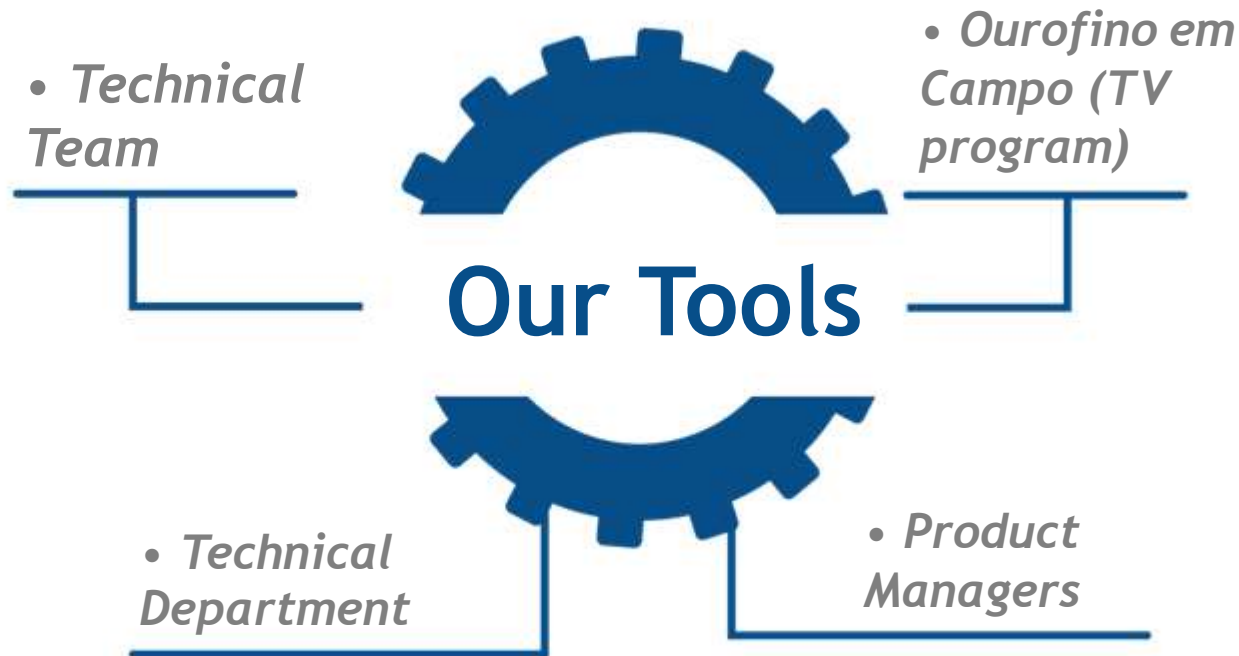
• *Technical support*



• *Knowledge of animal health*

• *Property management*





## Commercial Organization Chart - Sales Teams





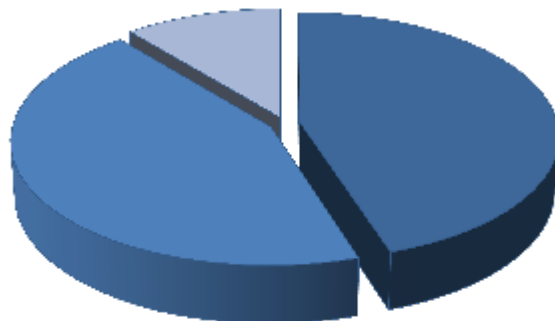
## Distribution of the Sales Force



*Directors and Managers:*  
11%



*Technical Consultants:*  
44%



*Sales Representatives:*  
45%

## Commercial Organization Chart - Support Teams



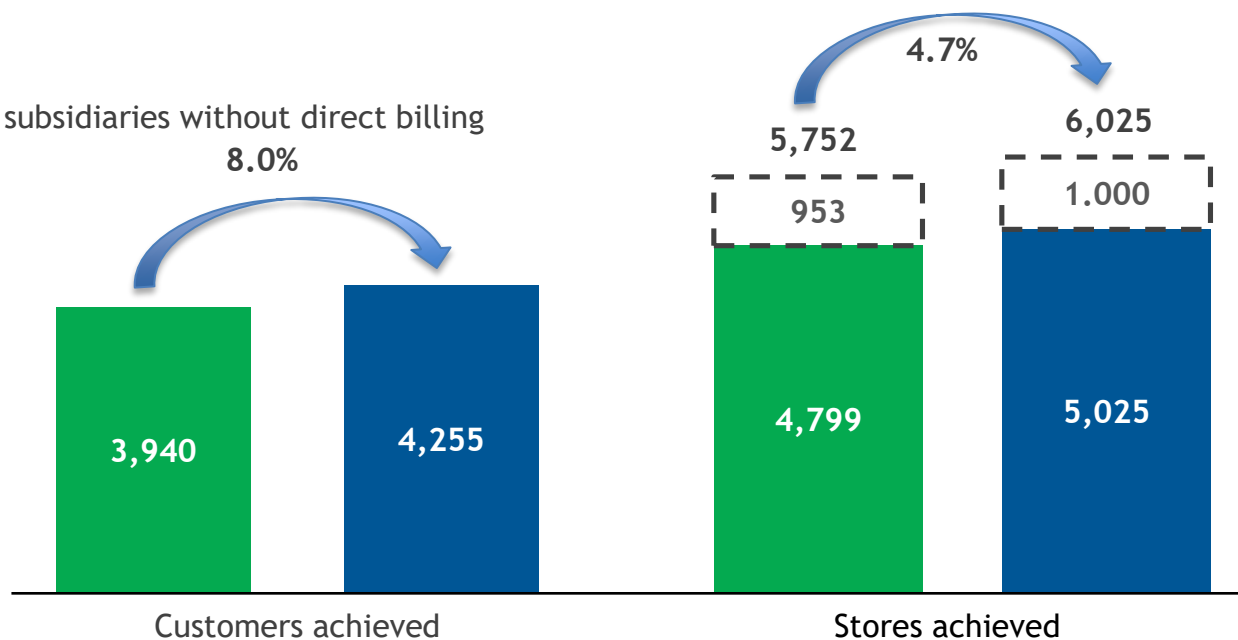
## Sales success rate - 2014 x 2015 (estimate)

■ 2014

■ 2015

□ Estimate for subsidiaries without direct billing

### Animal Health (Cattle, Poultry and Pigs and Wholesale)



## Control of Demand - End Consumers

Control of

40%

demand at the End  
Consumer

41 thousand

Visits to Production  
Units in the period  
from January to  
September 2015

13,712

Visits to Different  
Production Units in the  
period from January to  
September 2015

20,224

Successful visits to Production Units in  
the period from January to September  
2015

The background of the slide features a dark blue gradient. In the upper left, there is a faint line graph with a white line showing fluctuations. Below it, a bar chart is visible with bars of varying heights in shades of blue and white. The overall aesthetic is professional and data-oriented.

# Portfolio of Products

## Portfolio of Products

### Ectoparasiticides - Cattle



### Endectoparasiticides - Cattle





## Portfolio of Products

### Poultry and Pigs



### Equines



### Breeding Line

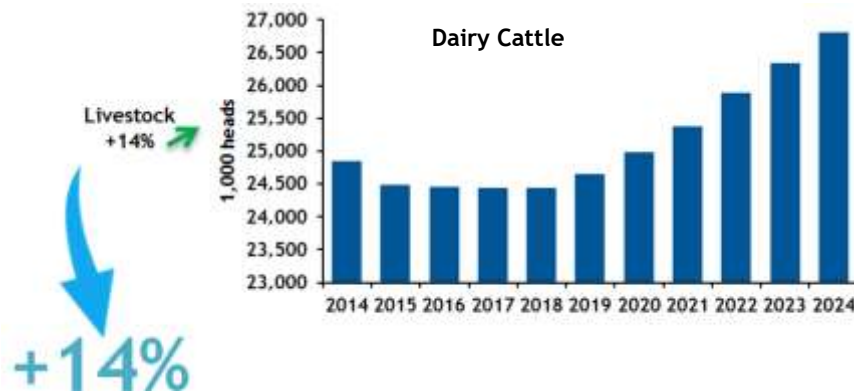
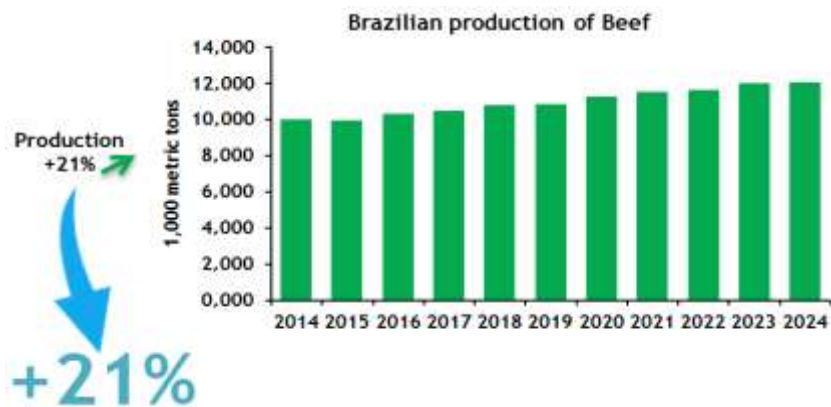
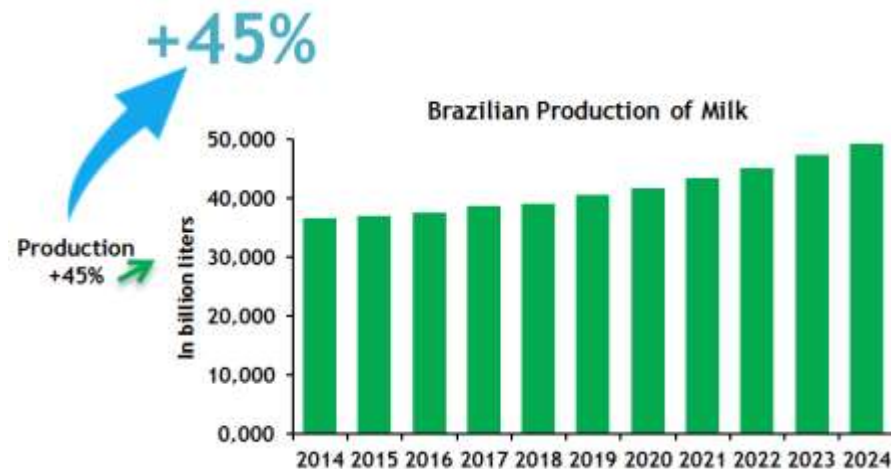
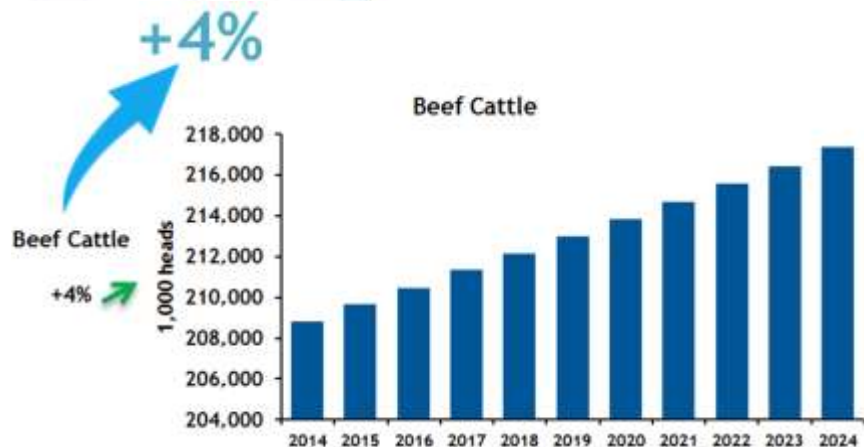




The background features a dark blue gradient with a faint, semi-transparent financial chart. The chart includes a line graph showing an overall upward trend with some volatility, and a bar chart below it with bars of varying heights. The text 'Growth Strategies' is overlaid on the right side of the image.

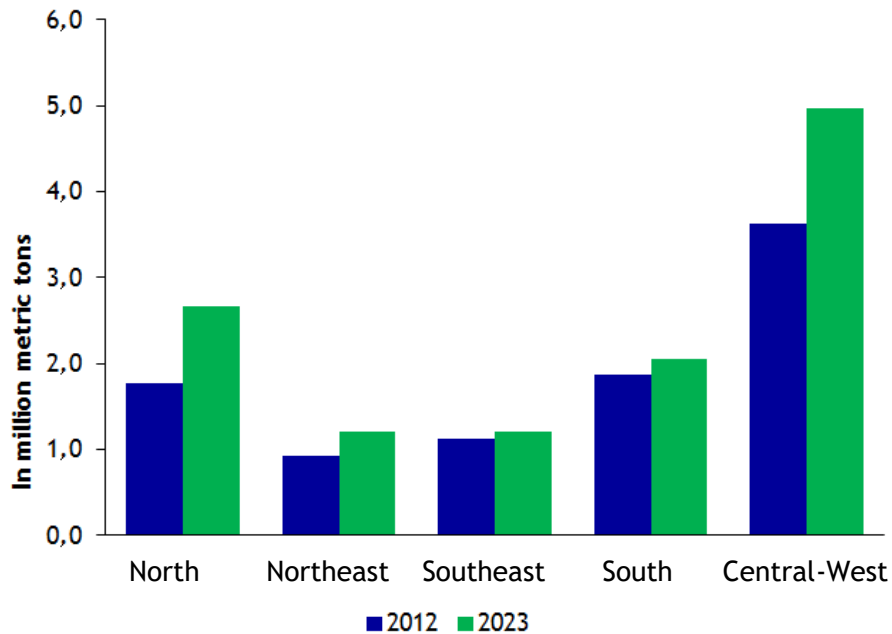
# Growth Strategies

## Productivity Projections Increase in Beef and Dairy Cattle

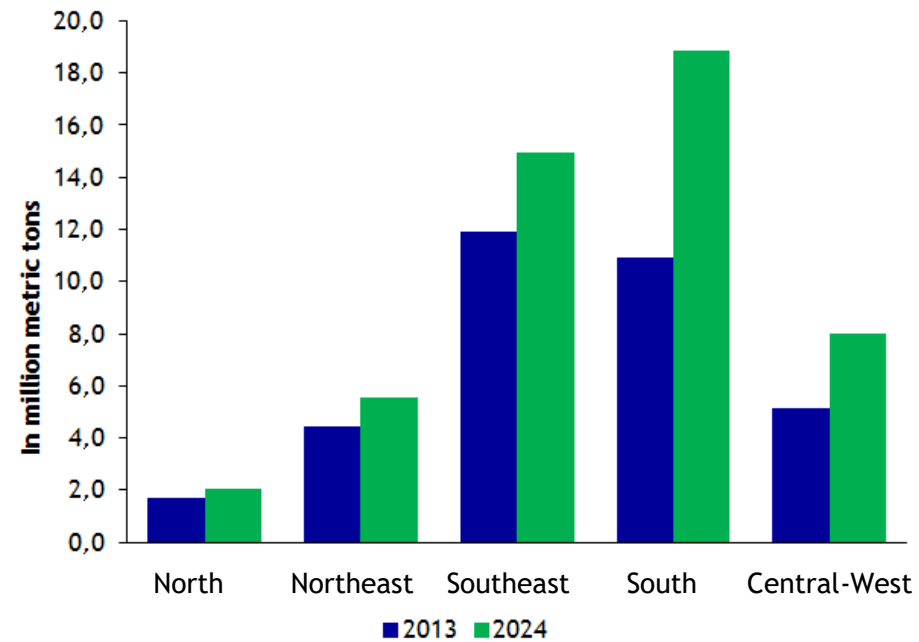


## Regional Projections of Beef and Milk Production

### Regional Share of Beef Cattle



### Regional Share of Dairy Cattle



## Evolution of Market Share



Focus on the  
occupation of  
areas under  
development

## Evolution of Market Share



Focus on the  
occupation of  
areas under  
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Focus on the occupation of areas under development



## Evolution of Market Share



Focus on the  
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development