

Opportunities and  
Partnership for the  
Animal Protein Industry



**SEMINAR  
SOUTH KOREA -  
BRAZIL**



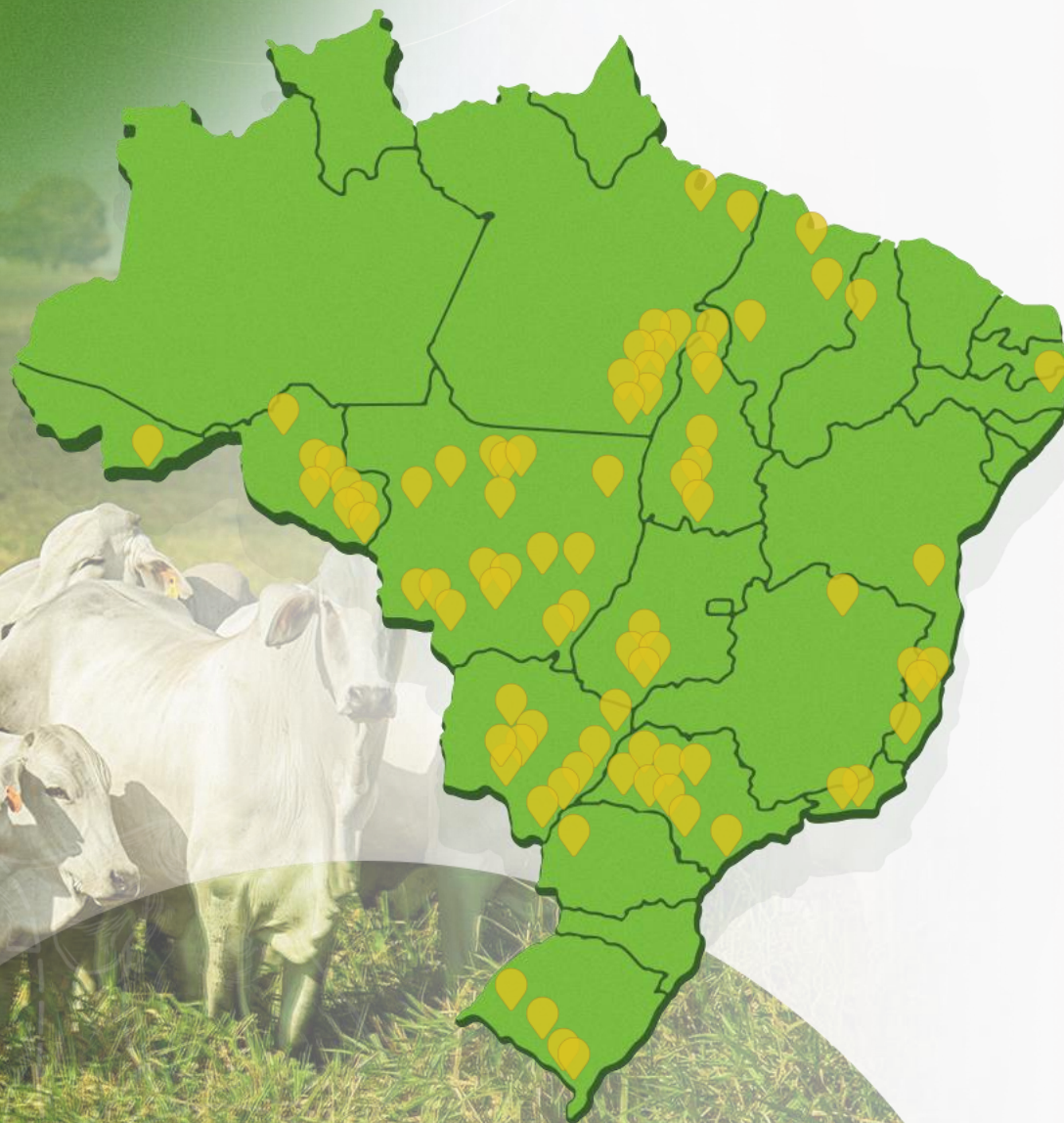


# ASSOCIATES






# ABOUT ABIEC



ABIEC



**162**

**Slaughterhouses  
under SIF in Brazil**

It represents

**81.3%**

**of the total  
slaughter in the  
country (SIF)**

Throughout

**135**

**municipalities**

Source: ABIEC/MAPA





THE BEEF  
SECTOR



# BRAZILIAN BEEF PROFILE 2022



PASTURE

**153.8**

MILLION hectares



HERD

**202.8**

MILLION heads



SLAUGHTER

**42.3**

MILLION animals

Source: IBGE/Athenagro/Abiec




# BRAZILIAN BEEF PROFILE 2022


## Beef Production

 **10.58**  
Million CWE

### Domestic Market

 **7.57** 71.48%  
Million cwe

### Exports

 **3.02** 28.52%  
Million cwe

**98%**  **abiec**



# EXPORTS MAIN MARKETS





# EXPORTS TOTAL



**2023**

**4.8**

Billion (US\$)



**1.0**

Million  
(Tonnes)

Jan to jun

**2022**

**12.9**

Billion (US\$)

**2.2**

Million  
(Tonnes)

**2021**

**9.2**

Billion (US\$)

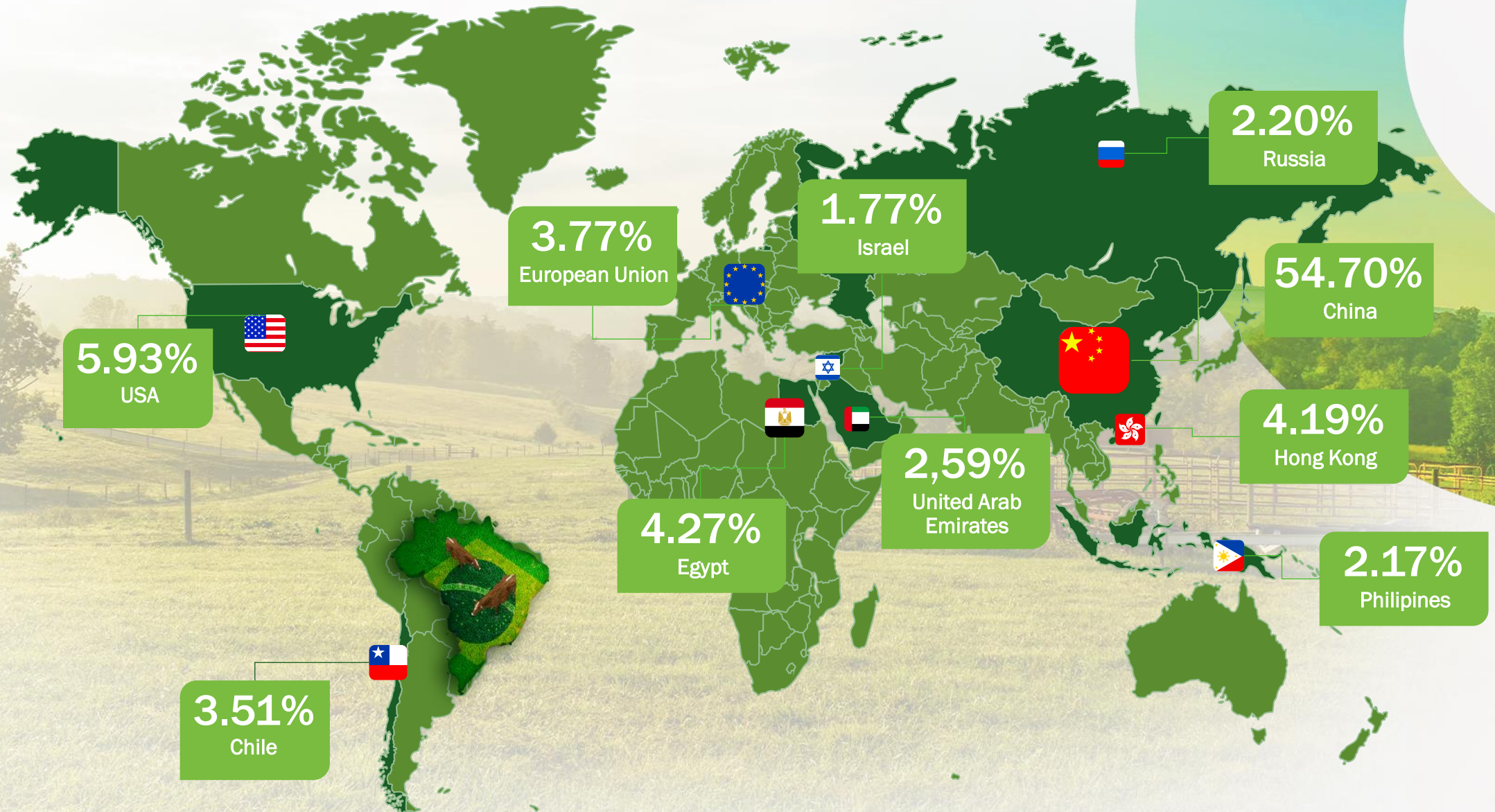
**1.8**

Million  
(Tonnes)

Source: Ministério da Economia / Comexstat / ABIEC



# TOP 10 DESTINATIONS FOR BRAZILIAN BEEF IN 2022 (VOLUME)







# BRAZIL

Importing countries  
Ranking (2022)



## Fresh beef:

**1° China:** 62.17%  
**2° USA:** 4.46%  
**3° Egypt:** 4.29%



## Processed:

**1° USA:** 40.7%  
**2° UK:** 18%  
**3° EU:** 13.02%



## Offals:

**1° Hong Kong:** 52.54%  
**2° Ivory Coast:** 9.29%  
**3° Russia:** 7.04%



## Salted:

**1° Angola:** 86.86%  
**2° USA:** 11.23%  
**3° Panama:** 0.48%



## Casing:

**1° EU:** 40.67%  
**2° Hong Kong:** 32.65%  
**3° Russia:** 8.45%



# THE BRAZILIAN BEEF





# THE BRAZILIAN BEEF

## Pasture raised

Brazil's location in the so-called green belt, tropical climate, area and water availability allow this **extensive and pasture production**

Brazil's pasture area occupies **18% of the total territory**

Occupancy rate of **1.32 heads per hectare**





# THE BRAZILIAN BEEF

80% of the Brazilian herd is Zebu

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Antimicrobials with growth promoting functions are prohibited in Brazil

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Prohibited the use of animal waste in feeding ruminants

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# TRACEABILITY OF **BRAZILIAN BEEF**

All transported animals are registered in the Animal Transit Guide - GTA, an official MAPA document that informs the destination, origin and number of animals between properties, in addition to gender and age.

Upon arrival at the slaughterhouse, the animals are kept in **separate batches** (batches of animals from different farms are not mixed)

In the industrial process, the carcasses are identified individually, and the SIF stamp guarantees the proper *ante* and *post-mortem* inspections.

Separation of batches and identification of carcasses proceeds to deboning.

**Primary** and **secondary** labels with information are placed on.

**MAPA** issues the **International Health Certificate - CSI**

Beef is exported, properly identified.



# THE SAFETY OF BRAZILIAN BEEF

The Federal Inspection System (SIF) was established in Brazil over 100 years ago, as well as Brazil's first beef export

MAPA has at least one official veterinarian at each industry who performs the *ante-mortem* and *post-mortem* inspection process and monitors the entire meat production process.

\*It is mandatory in Brazil at least one veterinarian for each SIF.

The Brazilian industrial park is one of the most modern in the world. It has 3477 establishments registered under the Federal Inspection service (SIF) among the various proteins and activities



# FOOD SAFETY

## Pre-slaughter, Humane Slaughter and approved stunning methods

### **SDA Regulation n° 365, from July 16th, 2021:**

Approves the technical regulations for pre-slaughter and humanitarian management and the stunning methods authorized by MAPA

## STEPS Program Humane slaughter of cattle

Although handling seems simple, it is necessary to know about animals, how they interact with the environment and how facilities and equipment can provide resources that help calm and efficient handling, reducing stress for both people and animals.



# THE BRAZILIAN BEEF

## FOOD SAFETY

### RASFF – NOTIFICATIONS FROM BRAZIL

Year	2019	2020	2021	2022
Exports of fresh beef to EU - tonnes	65.451	60.496	51.118	59.358
Notifications	10	3	6	7
% of notification	0.02%	0.00%	0.01%	0.01%

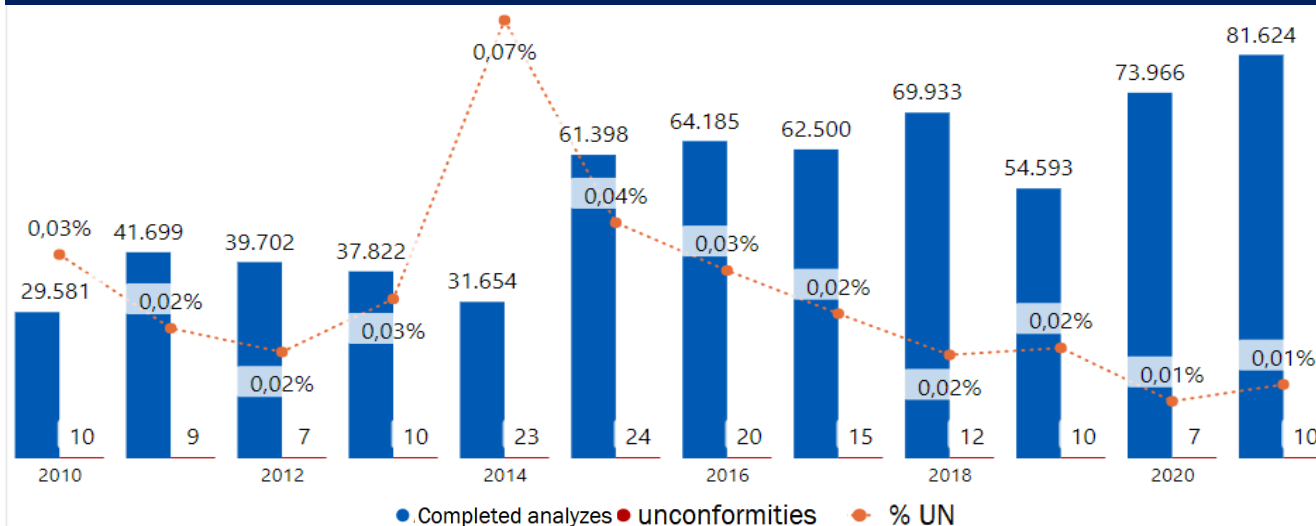


# SAFETY OF BRAZILIAN BEEF

PNCRC

2021

Total number of analyzes - completed and unconfirmities



CATEGORY	% UNCONFORMITIES
AGROTOXICS/ANTIPARASITIES	0,12%
ANTIPARASITIES	0,04%
BETAGONISTS	0,09%
INORGANIC CONTAMINANTS	0,14%
AGROTOXICS	0,0%
STEROIDAL ANTI-INFLAMMATORY	0,0%
NON-HORMONAL ANTI-INFLAMMATORY	0,0%
ANTIMICROBIALS	0,0%
CHLORINATES	0,0%
DIOXINS	0,0%
MYCOTOXINS	0,0%
SEDATIVES	0,0%
ANABOLIC ACTION SUBST.	0,0%

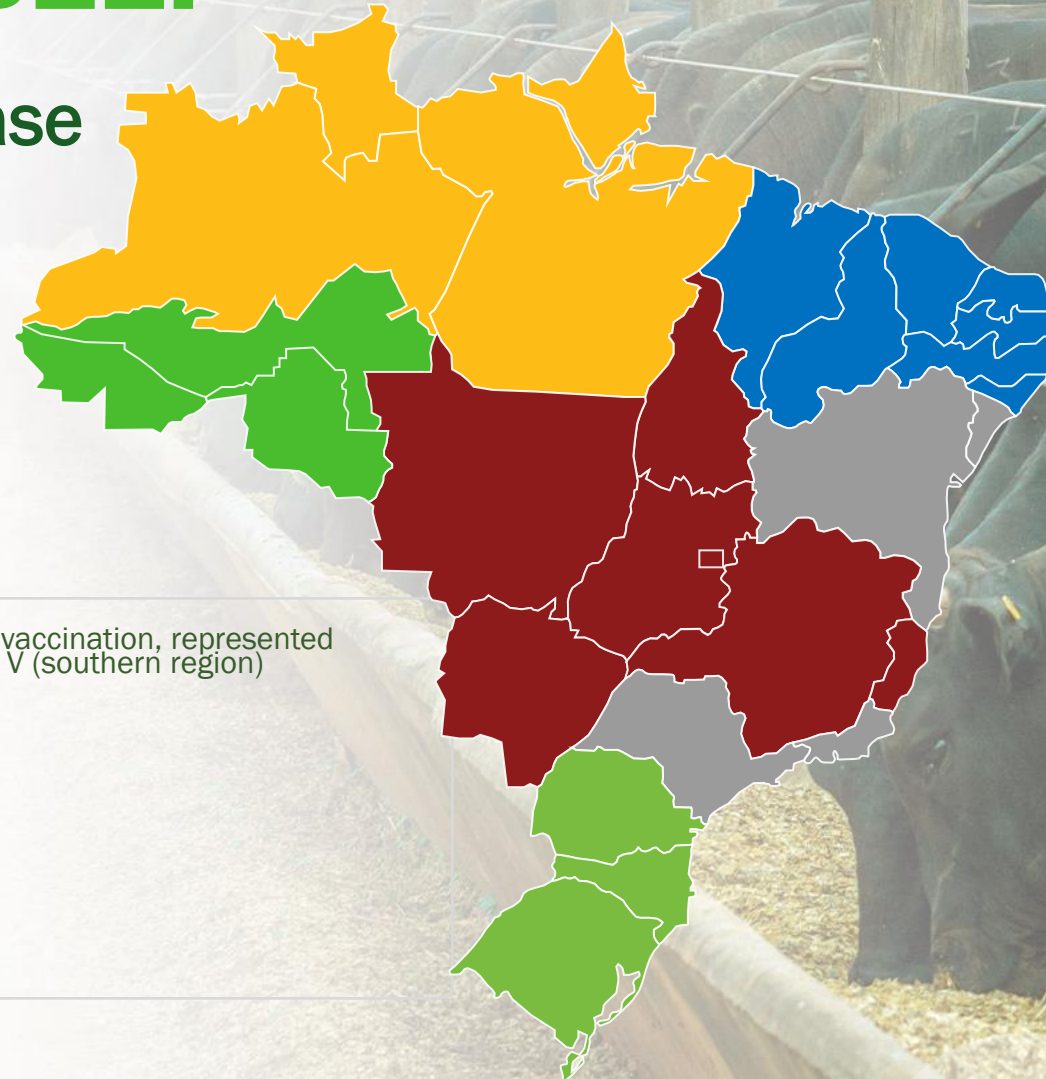







# ANIMAL HEALTH STATUS

## BRAZILIAN BEEF

### Foot and Mouth Disease

- Brazil is **free** from FMD
- Last occurrence in **2005**
- PNEFA since **1992**



-  Foot-and-mouth disease-free zones without vaccination, represented by Blocks I (part of the northern region) and V (southern region)
-  Block II
-  Block III
-  Block IV – states authorized to suspend vaccination after the November 2022
-  Block IV - other member states



# ANIMAL HEALTH STATUS

## BRAZILIAN BEEF

### BOVINE SPONGIFORM ENCEPHALOPATHY

Brazil has never recorded classical BSE

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Negligible risk - WOAHP

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PNEEB since 2013

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# BRAZIL VOCATION TO PRODUCE

**14%** of all drinking water in the world is in Brazil

Brazilian agribusiness feeds around **800 million people** around the world

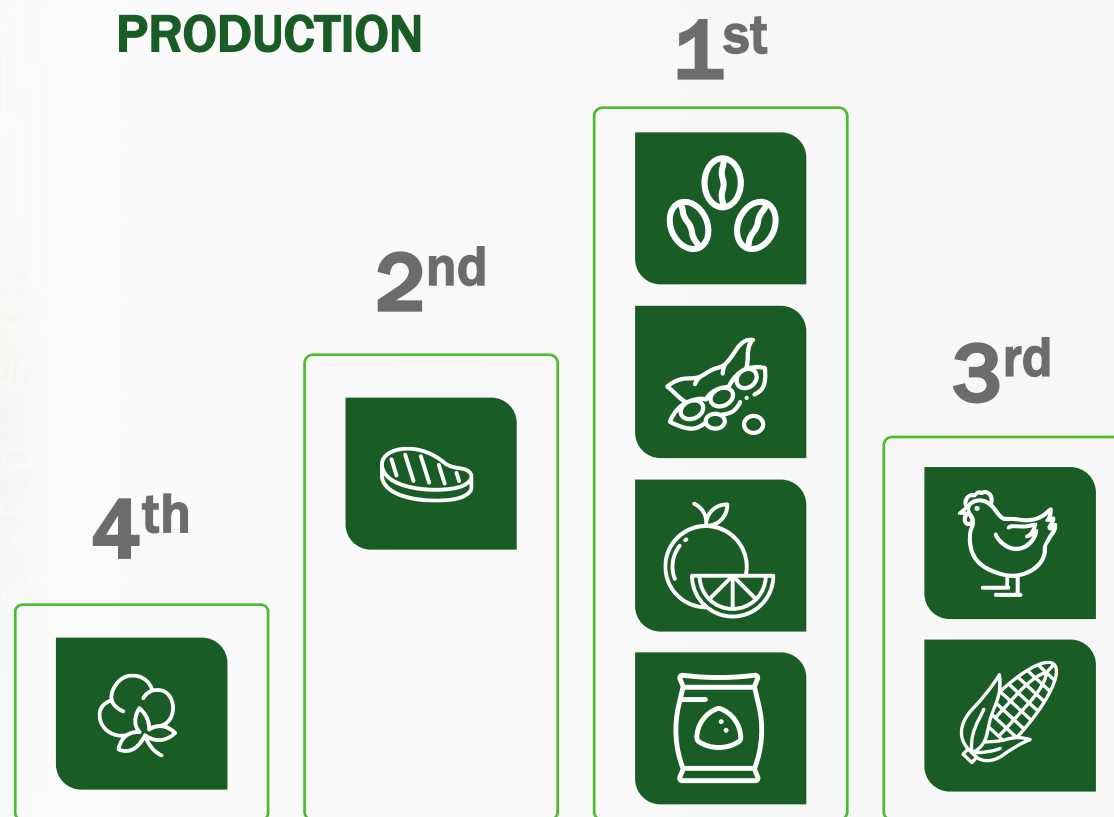
**98.7%** of the water used in livestock is rainwater



# BRAZIL

## VOCATION TO PRODUCE

### PRODUCTION



Source: USDA/PSD-Custom Query/ITC/Trade Map/Embrapa - 2021



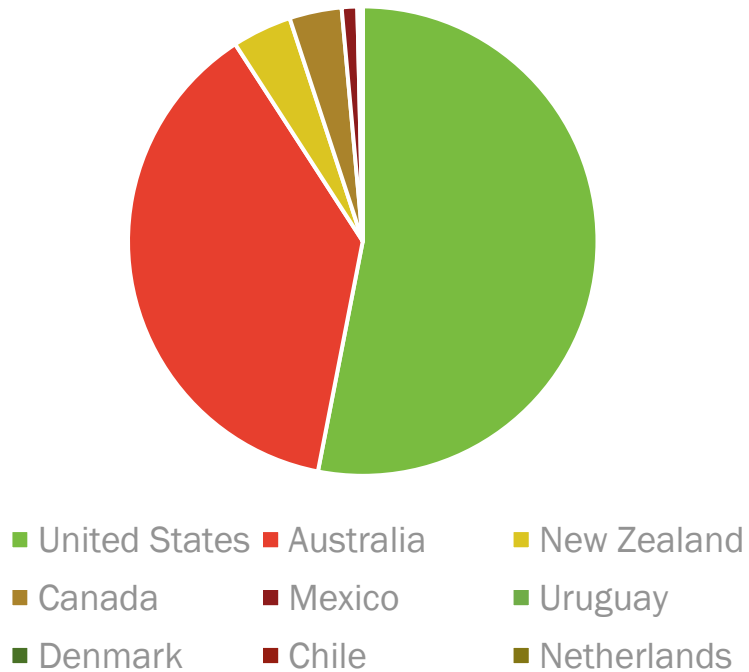
**BRAZIL x SOUTH KOREA**



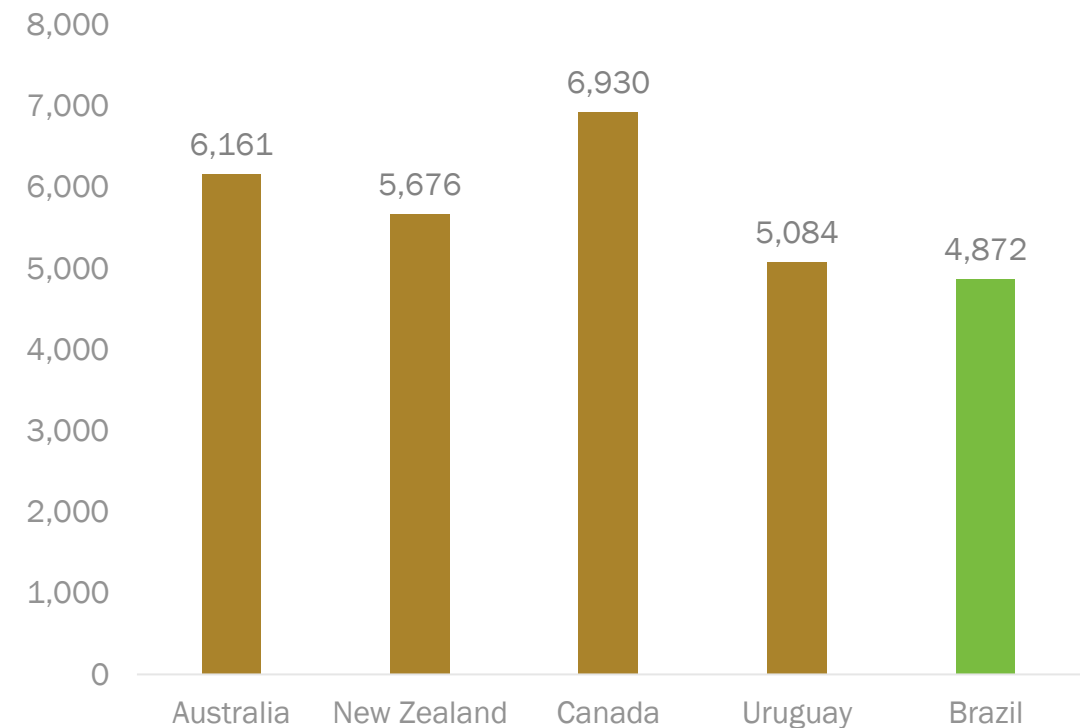


# SUPPLIERS OF FRESH BEEF - SOUTH KOREA IN 2023

Suppliers of fresh beef – South Korea 2023 (jan to jun)



Frozen boneless beef – USD/t





## Comunidade coreana celebra 60 anos da imigração no Brasil com cerimônia na Alesp

O ato solene contou com a presença de autoridades e ressaltou a cooperação dos imigrantes para o país e para São Paulo

13/02/2023 14:18 | Solenidade | Dalana Rodrigues - Foto: Bruna Sampaio

Among the authorities present who spoke was the president of the Brazilian Association of Koreans in Brazil, Dr. Augusto Kwon.

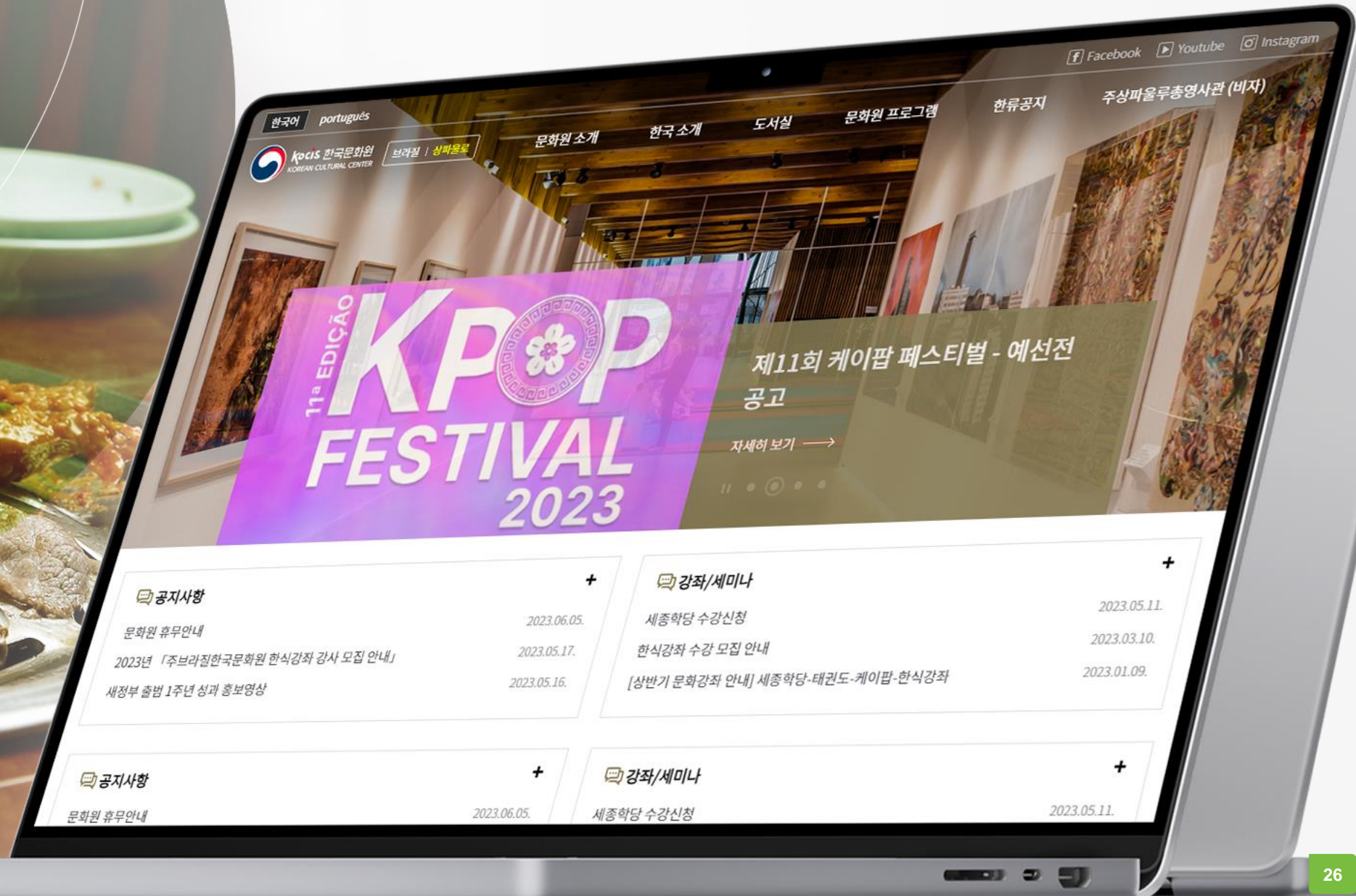
**"Immigrants faced many challenges, mainly with the language, but society and the Brazilian government welcomed them,"** he declared.

"Around 103 Koreans arrived in Brazil on February 12, 1963. It was a trip that lasted more than two months. Currently, there are more than 50,000 people belonging to the Korean community," said the Consul General of the Republic of Korea in São Paulo, Mr. Insang Hwang."

**Today there are about 50,000 Koreans in Brazil**











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