

BRAZIL BY MEANS OF SUSTAINABILITY

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POULTRY AND PIG FARMING IN BRAZIL BY MEANS OF SUSTAINABILITY

Brazil is present in more than 150 countries with chicken meat and in 70 countries with pork complementing the local supply. These products are committed to the specific product quality requirements of each country and contribuit towards constant technological innovation.

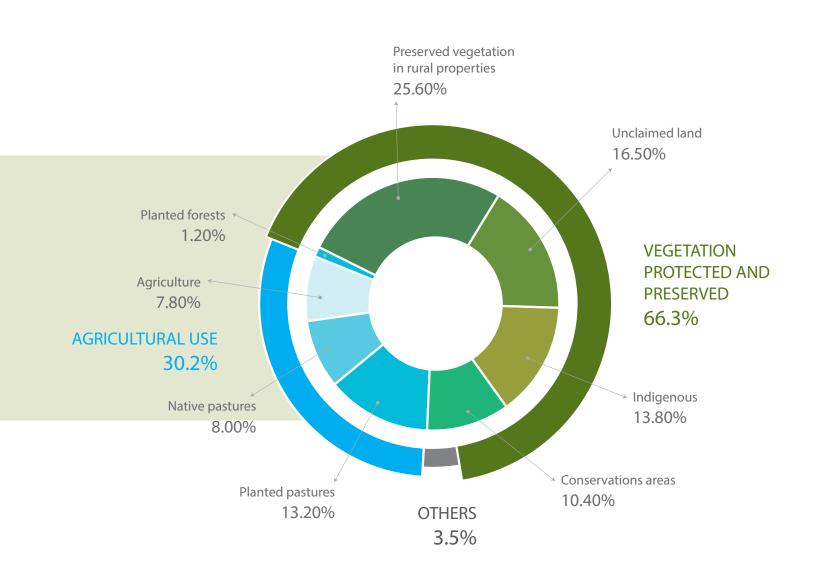
Either by supplying products for processing or supplying global restaurant chains, animal protein exports from Brazil contribute towards generating jobs and income of importing countries. Brazil also helps partner countries in meeting greater demands for specific cuts that are preferred by their populations with great quality and flavor.

AGRIBUSINESS: PRODUCES AND PRESERVES

The Brazilian production contributes for the reduction of carbon footprint. The favorable climate, in addition to investments in renewable energy sources and quality of its facilities, allow Brazil to produce poultry at a lower level of CO₂ than other markets.







Sources: SFV, SICAR, EMBRAPA, IBGE, MMA, FUNAI, DNIT, ANA, MPOG

BRAZIL'S POULTRY:

Lower CO₂ Emissions

t CO₂ - equivalent/tonnes

t CO₂ - equivalent/tonnes







Brazilian poultry 2.57

UK poultry 2.82

Brazilian poultry 1.2

Total emissions of Brazilian poultry industry are 9% less than UK, including transportation of products to the UK.

Source: DEFRA 2008

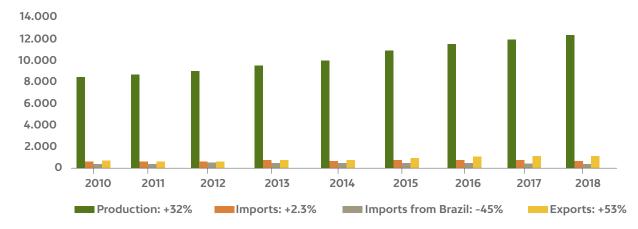
Total emissions per tonne produced are 45% less in Brazil than UK and 50% less. than France.

Source: JRC 2010

N.b.: CO₂eqv. figures based on Global Warming Potential measures using 100-yr forecast

BRAZILIAN CHICKEN MEAT

Complementing the Local Production - European Union (1,000 tons)*



94% of domestic consumption is produced locally

The Brazilian sustainable practices along with the versatility of Brazilian Chicken, Brazilian egg and Brazilian Pork industries in meeting client orders in the demands and particularities of

the five continents. This guarantee the Brazilian consolidation as the world leader in chicken exports and one of the top positions among world pork exporters.

INTEGRATED PRODUCTION LEADING TO QUALITY AND DEVELOPMENT

Based on production from smallholdings, poultry, egg and pork industries in Brazil provide a means of income stability for hundreds of thousands of farming families. They combine smallholdings and agribusiness in one large productive link that not only creates income but also excellent quality standards, with control of the process and complete traceability.

ENHANCED QUALITY



System **inspected** by Brazil's Ministry of Agriculture and **importing markets**



Constant training initiatives based on concepts demanded by several markets: Good Manufacturing Practices Traceability National Residues and Contaminants Program (PNCRC)



Over 1000 missions and private visits annually



International Certification from autonomous agencies: GlobalGap, BRC, IFS, AloFree, etc.

With this model internationally acknowledged as one of the world's most efficient, Brazilian agribusiness has become one of word's top food producers.

- Better quality and risk control.
- Links thousands of small local producers to the global agribusiness.

POULTRYINDUSTRY **2018**

PRODUCTION:

▶ 12.82 MILLION TONNES

• 14.5% OF WORLD PRODUCTION

EXPORTS:

▶ **4.1**MILLION TONNES

• 36% OF WORLD EXPORTS

DESTINATION OF POULTRY MEAT:

141 COUNTRIES IMPORT FROM BRAZIL

32% EXPORTS



2nd
LARGEST WORLD
PRODUCER



1St WORLD EXPORTER



PORK INDUSTRY 2018

PRODUCTION:

▶ **3.63** MILLION TONNES

• 3% OF WORLD PRODUCTION

EXPORTS:

645,500 TONNES

9% OF WORLD EXPORTS DESTINATION OF PORK:

72 COUNTRIES IMPORT FROM BRAZIL

18.5% EXPORTS



PRODUCER & EXPORTER

81.5%
DOMESTIC
MARKET

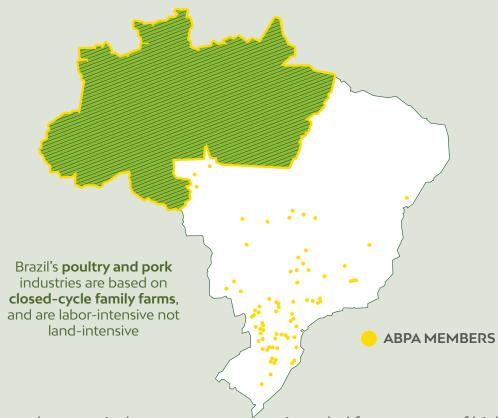
PRODUCTION & PRESERVATION

As one of the world's highlights in productivity, quality and excellence in sanitary status, Brazil's poultry and pork exporting agribusiness also boasts sustainability among its brands.

The entire production occurs outside of the Amazon Biome. Brazil is one of the countries with the world's largest area covered by preserved vegetation.

BRAZIL'S PORK & POULTRY

PRODUCTION AWAY FROM THE AMAZON BIOME



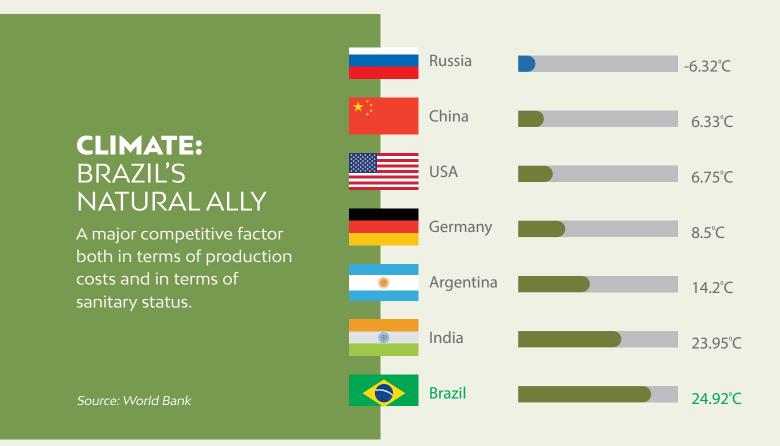
A Brazilian advantage is the water availability: Brazil has 14% of fresh water of the world (the largest reserve in the world), one of the reasons for the high productivity of Brazilian farms. Do you know that it is possible to save water globally if water- intensive commodity

is traded from an area of high water productivity to an area with low water productivity? Today, about 4% of the global water used in agricultural production is being saved through international trade. In this sense, Brazilian protein exports help save the world's reserve of water.

SUSTAINABILITY:A DIFFERENTIAL

Sustainability and environmental preservation is a sectoral policy, but it is also present under a broad array of actions in agribusiness. Companies

of different sizes adopt a number of actions with this purpose. Several of these are described below.

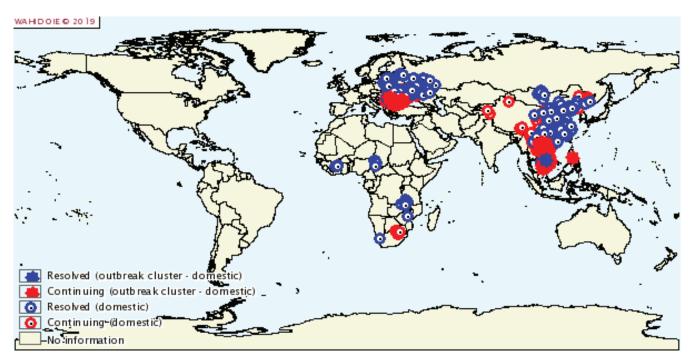


Besides, the climate conditions and preservation of forest have helped Brazil to stay free of serious animal diseases. The Areas of Permanent Protection (preserved forests on farms) are natural barriers against vectors of diseases. The average temperature is 25°C (77°F), good to avoid diseases like Avian Influenza. By the way, Brazil has

never had outbreak. This conditions including investments and monitoring work developed by industries and Ministry of Agriculture guarantee the success of Brazilian's Health Defense. Also because that, the Brazilian pork producers are free of Porcine Epidemic Diarrhea, Classical Swine Fever and other diseases.

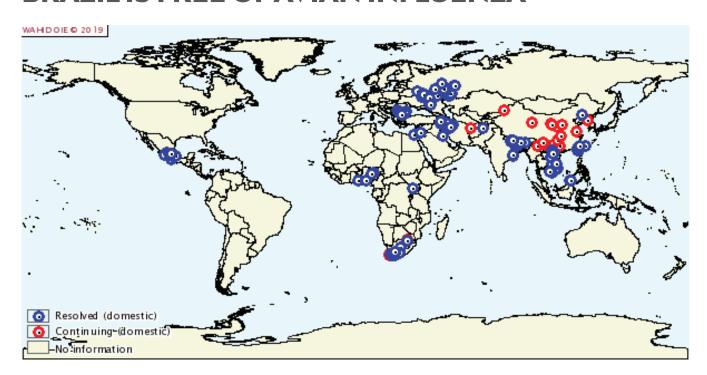
SANITARY STATUS

BRAZIL IS AFRICAN SWINE FEVER-FREE



Source: OIE (*Updated 10/10/2018)

BRAZIL IS FREE OF AVIAN INFLUENZA



Source: OIE (*Updated 10/10/2018)



DAY-OLD CHICKS AND FERTILE EGGS EXPORTING COMPANIES











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www.**hubbardbreeders**.com

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www.hyline.com.br







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www.plumaagroavicola.com.br

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CHICKEN MEAT EXPORTING COMPANIES







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EGG EXPORTING COMPANIES













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PORK EXPORTING COMPANIES









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ABOUT ABPA – The Brazilian Association of Animal Protein - ABPA is the world's largest animal protein association that represents the poultry and pork sectors politically and institutionally. The Association has over 140 member companies and organizations from various poultry and pork industry chain, which exports USD 8,5 billion.

ABPA, in partnership with Apex-Brasil, manages three industry brands for Brazilian poultry, egg and pork exports: Brazilian Chicken, Brazilian Egg and Brazilian Pork.

Through its industry brands, ABPA promotes special initiatives in target markets and highlights the competitive advantages of

Brazilian poultry and pork products - such as quality, its health status and sustainability in production, fostering new business for the egg, chicken and pork meat export chains.

www.abpa-br.org



ABOUTAPEX-BRASIL - The Brazilian Trade and Investment Promotion Agency (Apex-Brasil) works to promote Brazilian products and services abroad, and to attract foreign investment to strategic sectors of the Brazilian economy.

Apex-Brasil organizes several initiatives aiming to promote Brazilian exports abroad. The Agency's efforts comprise trade and prospective missions, business rounds, support for the participation of Brazilian companies in major international trade fairs, arrangement of technical visits of foreign buyers and opinion makers to learn about the Brazilian productive structure, and other select activities designed to strengthen the country's branding abroad.

Apex-Brasil also plays a leading role in attracting foreign direct investment (FDI) to Brazil, by working to identify business opportunities, promoting strategic events and lending support to foreign investors willing to allocate resources in Brazil.

www.apexbrasil.com.br

