



# SUSTAINABILITY REPORT 2020 · 2021

Executive summary

Leaders in agrifood  
industry





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## Innovation in agrifood

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# LETTER FROM THE PRESIDENT

This is a summary of our 3rd GRI Sustainability Report, which presents the highlights of our 2020/2021 management.

The years reported have been characterized by the effects of the pandemic that affected the activity at local and international level. With all due care, we have never stopped operating.

All difficulties have been overcome thanks to the leadership spirit that has always characterized us.

We had two years of a good harvest, the basis of all the company's business, which has allowed us to meet the social objectives, as well as the vision and strategic mission of the company, increasing our competitiveness as an agricultural products industry.

We increased our sustainability management, providing a more precise and formal framework for the environmental, social, and good governance management that we have been implementing.

We are confident that the objectives of growing prudently, complying with the commitments made with the innovative and integrating spirit of our business policy and the skills and knowledge of our people, will provide us with the added competitive capacity and productivity required for the achievement of the outstanding results and goals we have set for ourselves.

We are grateful for the collaboration and support provided by customers, producers, suppliers, financial entities and especially the personnel who are always by our side and who, without a doubt, make up a key factor of our business success.

**Elvio Lorenzati**  
President



# INNOVATION IN AGRICULTURAL PRODUCTS

We **produce, transform, and commercialize**, in a reliable and sustainable way, the best quality **peanuts, grains and oilseeds for the world**.

We aspire to be a world leader in the production of agricultural food products and, recently, renewable energy generation, in harmony with nature.



## Two years at a glance

More than **17,000** hectares sown with peanuts.



*Our main production is peanuts.*


*We produce **10%** of the peanuts in the province of Córdoba.*


*We export **61%** of our production.*

<b>67%</b>	<b>33%</b>
<i>of peanut is from our own production</i>	<i>from associated producers</i>

### People choose us

 **3.5%** new customers in the last two years.

 **78%** of the Peanut Plant's customers are large international companies.

 **100%** of our international customers approve of our management and would recommend us.

### Certified quality and safety of our products

FSSC22000 | KOSHER | HALAL

We are members of



We have been awarded a Bronze medal in Sustainability in ECOVADIS audit.



Good Agricultural Practices



FSA Certification

in the SILVER category on selected hectares.

We promote a sustainable value chain



All our suppliers at the Peanut Plant adhere to the Code of Conduct.

Juan Lorenzati Foundation



Supporting local education.



We contribute to quality employment



We generate renewable energy from Biomass



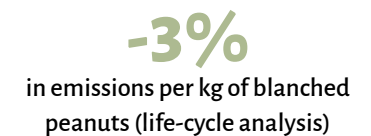
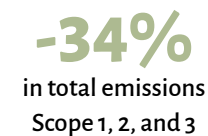
We revalue our waste



We measure our carbon footprint



Compared to 2017 (base year), we recorded:



# ENTREPRENEURIAL VOCATION IN AGRICULTURAL FOOD PRODUCTS



In **1967** the foundations of the company which nowadays occupies a preponderant place in the production and export of peanuts, cereals and oilseeds for Argentina and the world were laid.



# FACILITIES AND PRODUCTION CAPACITY

Our industrial plant and most of our operations and production are located in Ticino, province of Córdoba, Argentina, the heart of the country's peanut agro-industrial sector.

## Headquarters and Marketing

Ticino - Córdoba



## Peanut Plant

Ticino - Córdoba



## Grain and oilseed storage plant

Arroyo Cabral - Córdoba



## Agricultural Operations

Córdoba - San Luis - La Pampa



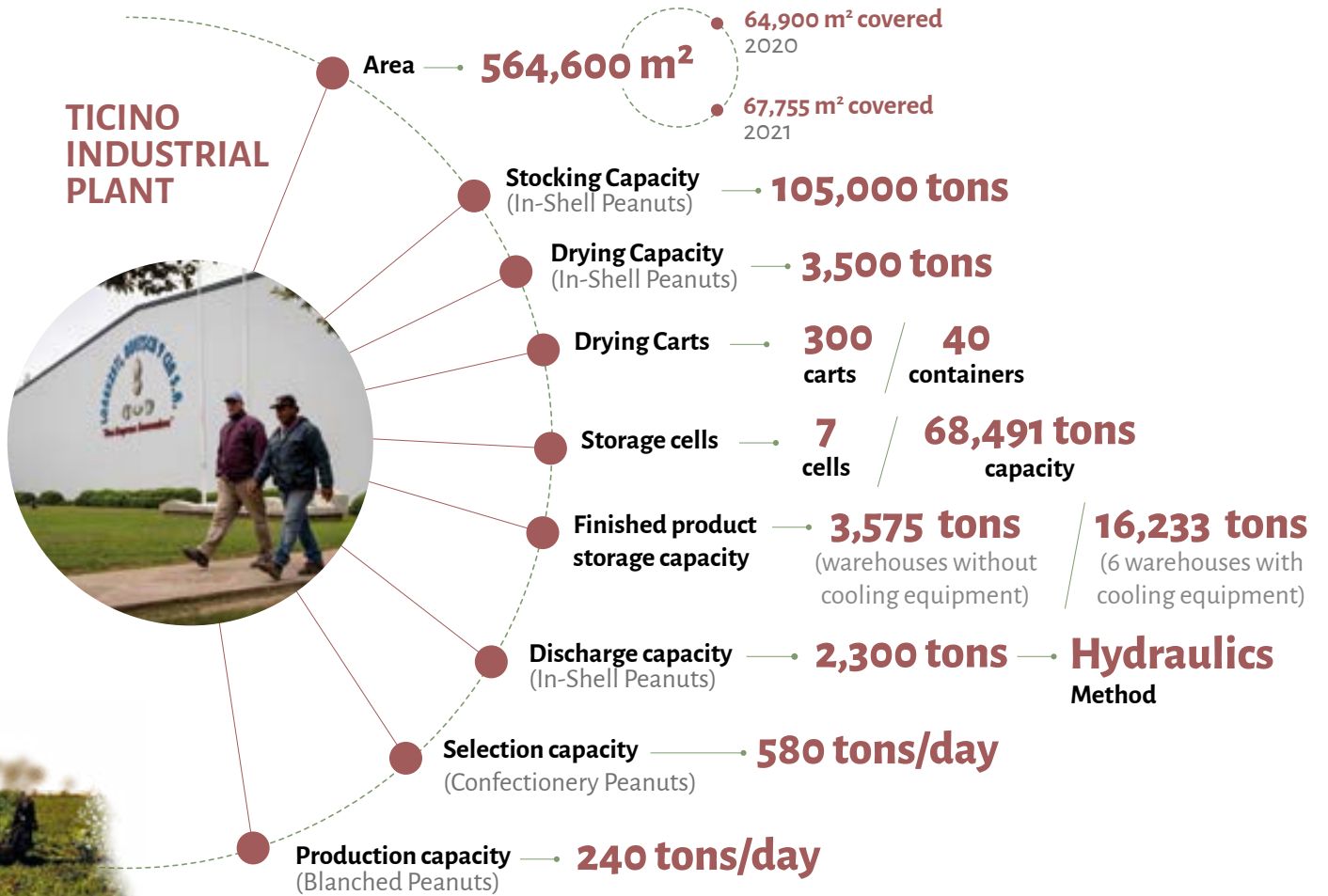
# TICINO INDUSTRIAL PLANT



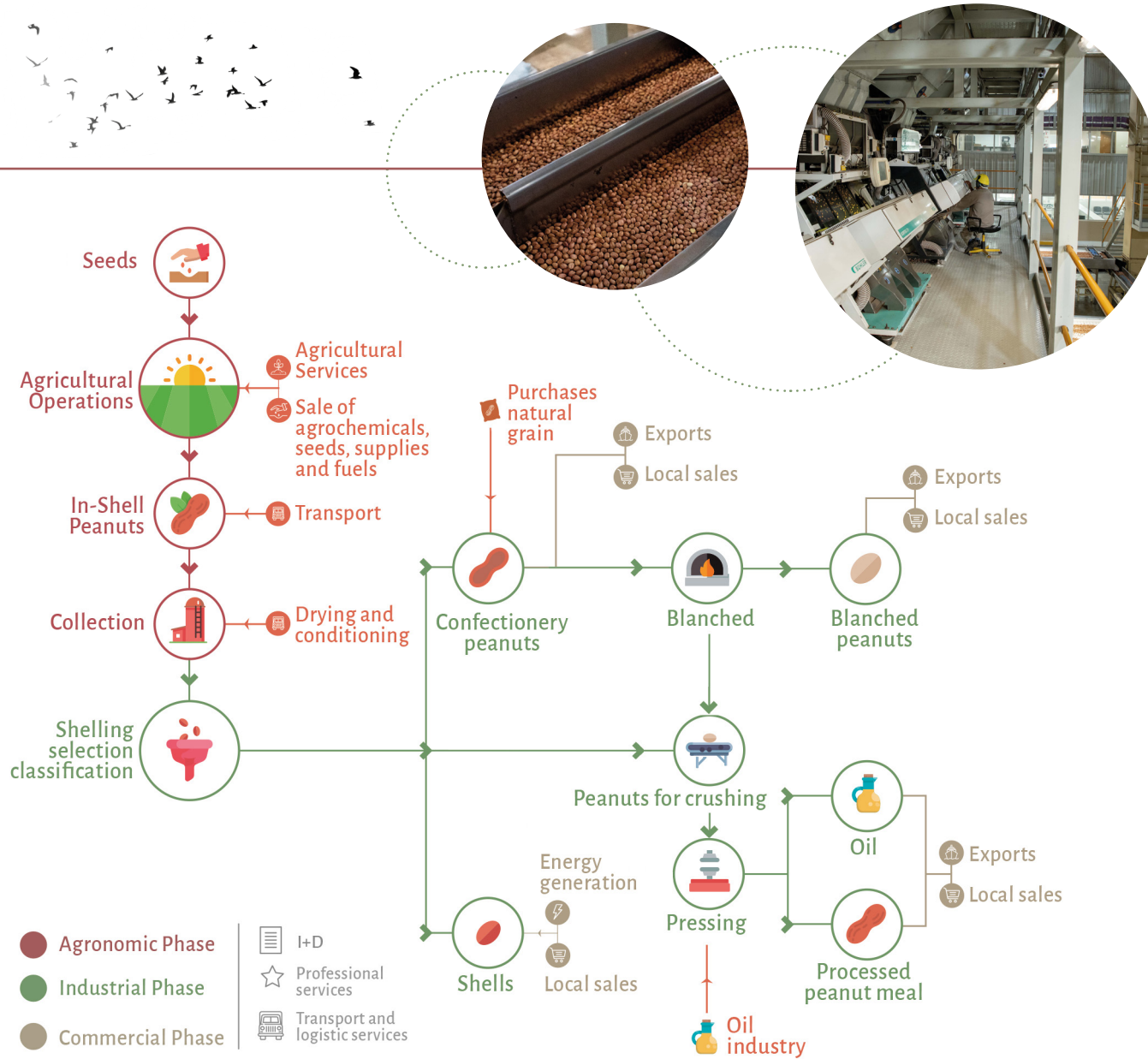
*We produce HPS confectionery peanuts, blanched peanuts and peanuts for industrial use.*

The industrial complex is located in a 65-hectare property with state-of-the-art technology and is in permanent transformation to meet the needs of high quality peanut processing.

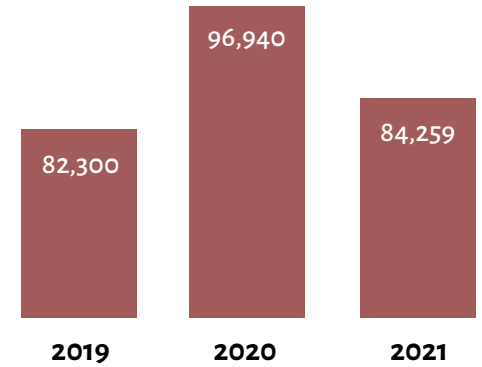
Our main business is vertically integrated, beginning with seed production and ending with marketing the products in the domestic and international market.



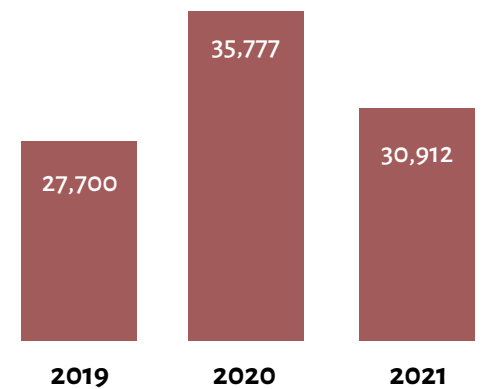




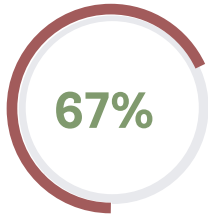
## In-shell peanuts



## Blanched peanuts



# AGRICULTURAL OPERATIONS



*of the in-shell peanuts that were received at our facility were from our own production in rented fields.*

*Remaining*

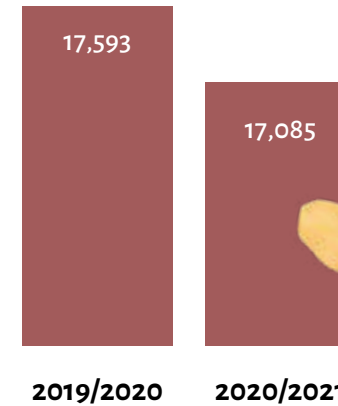


*was supplied by associated farmers33*

Production is carried out under strict control of agricultural practices applied to crops, the selection of agrochemicals and harvesting methods, in order to obtain a controlled quality of our raw material.

The Agricultural Department has a staff of agronomists dedicated to monitoring production in order to secure a quality-controlled raw material.

## Hectares Sown with Peanuts









# ARROYO CABRAL INDUSTRIAL PLANT









The Industrial Cereals and Oilseeds Storage and Drying Plant is located in ARROYO CABRAL, a few kilometers away from TICINO.



## Industrial **grain** storage and drying plant (characteristics and capacity 2021)

 <b>AREA</b>	 <b>M<sup>2</sup> COVERED</b>
<b>16,150 m<sup>2</sup></b>	<b>3,665 m<sup>2</sup></b>
 <b>STOCKING CAPACITY</b>	 <b>DRYING CAPACITY</b>
<b>16,000 tons</b>	<b>80 tons/h</b>
 <b>DISCHARGE CAPACITY</b>	 <b>DISCHARGE METHOD</b>
<b>90 tons/hour</b>	<b>Hydraulics</b>

## Industrial **peanuts** storage and drying plant (characteristics and capacity 2021)

 <b>AREA</b>	 <b>M<sup>2</sup> COVERED</b>
<b>77,590 m<sup>2</sup></b>	<b>11,900 m<sup>2</sup></b>
 <b>DRYING CAPACITY</b>	 <b>STOCKING CAPACITY</b>
<b>300 tons/h</b>	<b>10,270 tons</b>
 <b>DISCHARGE CAPACITY</b>	 <b>DISCHARGE METHOD</b>
<b>65 tons/hour</b>	<b>Hydraulics</b>



# SUSTAINABLE MANAGEMENT

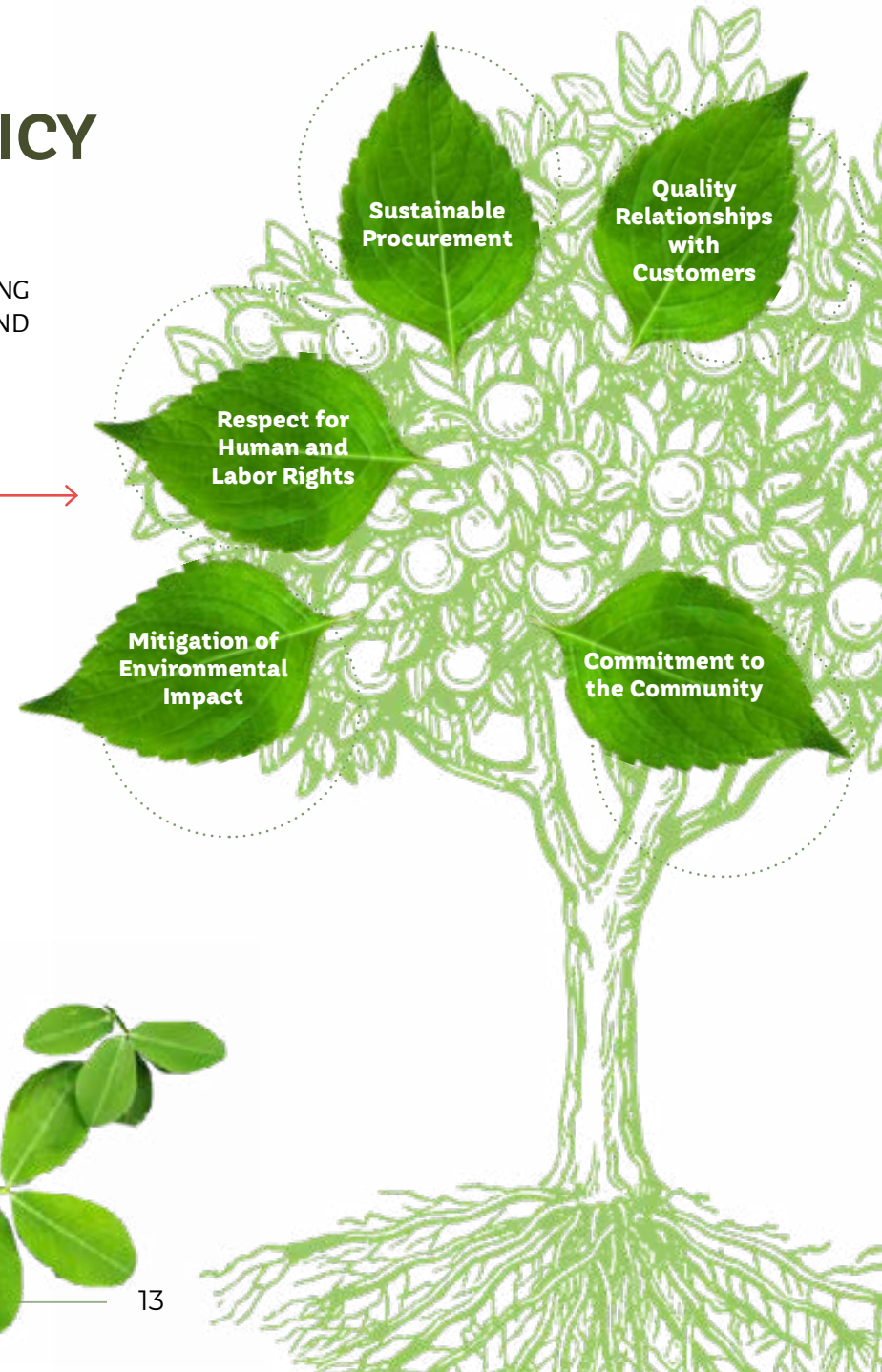
To us, sustainable management is a way of being a company.



# SUSTAINABILITY POLICY

WE CREATE VALUE, for the company and the community TAKING CARE OF OUR IMPACT ON PEOPLE, THE ENVIRONMENT AND SOCIETY.

Our **Sustainability Policy** is comprehensive.



# ISSUES OF MATERIAL IMPACT ON SUSTAINABILITY MANAGEMENT <sup>1</sup>



<sup>1</sup> Issues audited by international customers through SEDEX and ECOVADIS platforms, affidavits required by national customers, internal company analysis, as well as material issues for agricultural industry management for Environmental, Social and Corporate Governance (ESG) reports were taken into account. Those listed as materials for the agricultural industry in the Sustainability Accounting Standards Board (SASB) and Global Reporting Initiative (GRI).



# WE CONTRIBUTE TO THE SUSTAINABLE DEVELOPMENT GOALS (SDGs)



SDGs are a set of **global priorities for sustainable development** by 2030. They were promulgated by the United Nations and call for the participation of governments, civil society and the private sector to get involved in their fulfillment.



Employee Health and Safety.



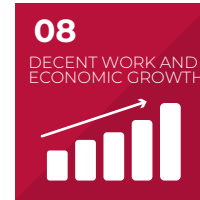
Employee Training and Development.  
Support to Education Juan Lorenzati Foundation



Biomass Energy Generation.



Peanut and Oilseed Production.  
Good Agricultural Practices.



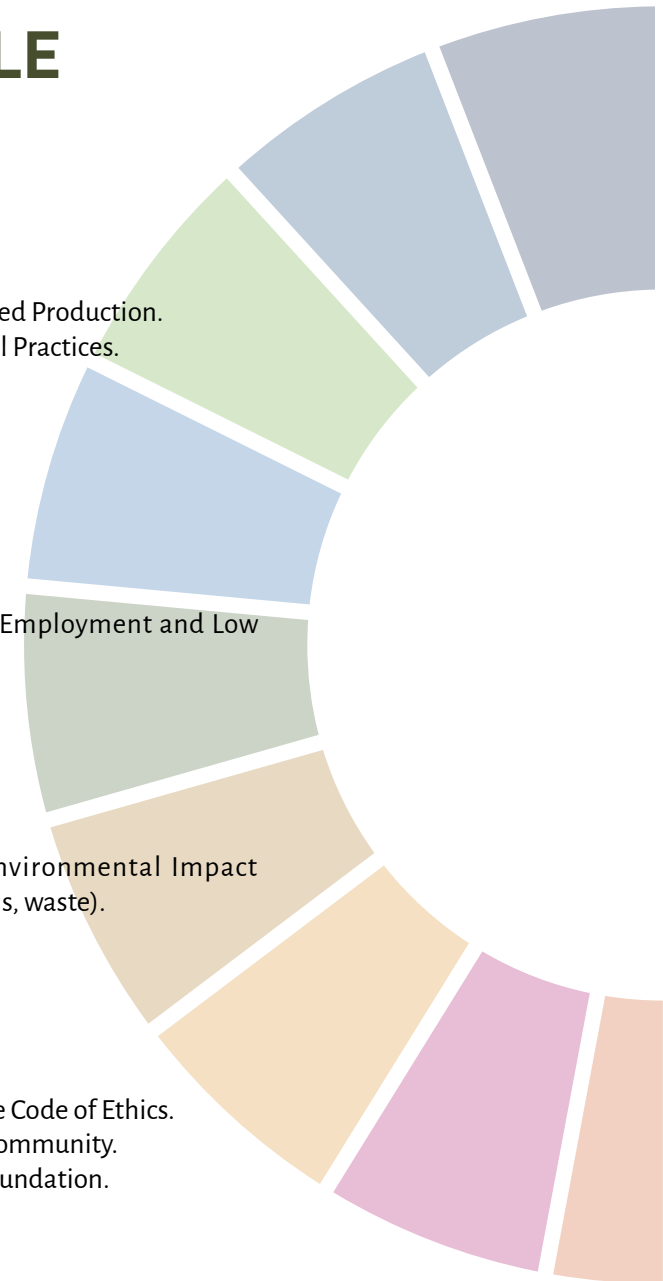
Maintenance of Employment and Low Turnover Rates.



Mitigation of Environmental Impact (energy, emissions, waste).



Application of the Code of Ethics.  
Involvement in Community.  
Juan Lorenzati Foundation.



# GOOD GOVERNANCE






Business Model and Innovation | Leadership and Governance



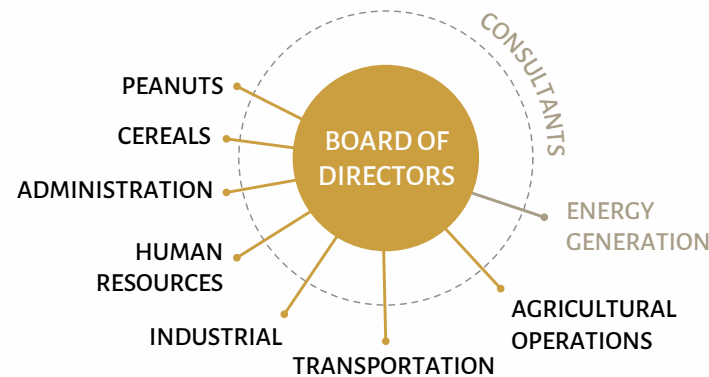


# MANAGEMENT AND STRATEGY

## Board of Directors

-  *Elvio Lorenzati*  
**President**
-  *Dardo Lorenzati*  
**Vice President**
-  *María Renata Lorenzati*  
**Director**
-  *Liliana Ruetsch*  
**Director**
-  *Matías Carrera Ruetsch*  
**Director**

## Functional Organization Chart



## Mission

We are an innovative agricultural products company dedicated to reliably and sustainably producing, transforming and marketing the best quality peanuts, grains and oilseeds for the world.

## Vision

To be leaders in the production of agricultural food products and energy, in harmony with nature.

## Values

**Integrity · Innovation · Commitment · Quality · Sustainability**

# Relations with Stakeholders

## Main Stakeholders

- Shareholders
- Related companies
  
- Controlled companies
- Customers
  
- Local and national suppliers
- International suppliers
- Professional associations
  
- Sector associations
- Internal audience
  
- Trade union organizations
- Regulatory entities
- Competitors
  
- TICINO and ARROYO
- CABRAL Communities

## Common Communication Channels

- [www.lorenzati.com/empresa](http://www.lorenzati.com/empresa)
- Corporate e-mail
- Sustainability Report
- Informative magazine
- Press releases
- Social media
- [comunicación@lorenzati.com](mailto:comunicación@lorenzati.com)
- Ethical Line: [etica@lorenzati.com](mailto:etica@lorenzati.com)
- Suggestion boxes
- Proveedores de Bienes de Capital y Servicios de Logística

# Integrity and Compliance

## Codes and Policies approved by the Board of Directors

- Code of Ethics
- Code of Conduct for Suppliers
- Sustainability Policy
- Sustainability Policy of the Supply Chain
- Human Resources Policy
- Environmental Policy
- Policy to prevent, address, and eradicate violence and harassment in the workplace
  
- Ethical Line: [etica@lorenzati.com](mailto:etica@lorenzati.com)





# ECONOMIC PERFORMANCE

Business Model · Innovation



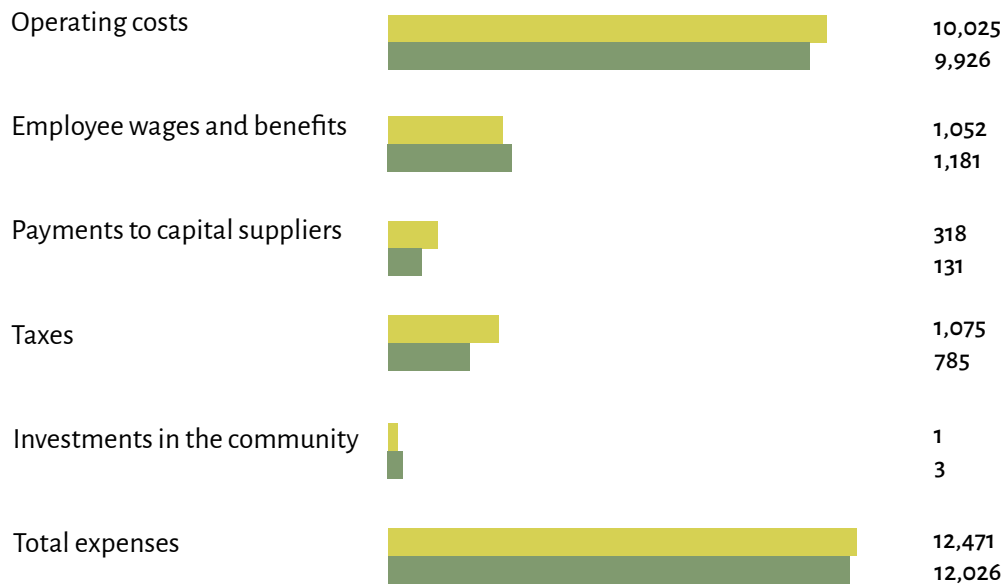
# Economic Value Generated and Distributed

/ Expressed in millions of AR\$

## Direct economic value created



## Distributed economic value



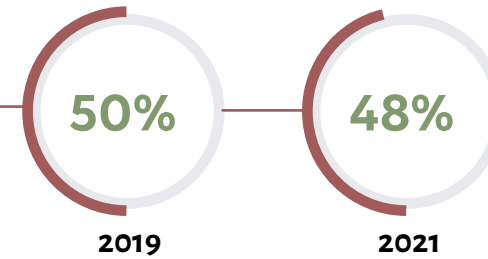
## Retained economic value



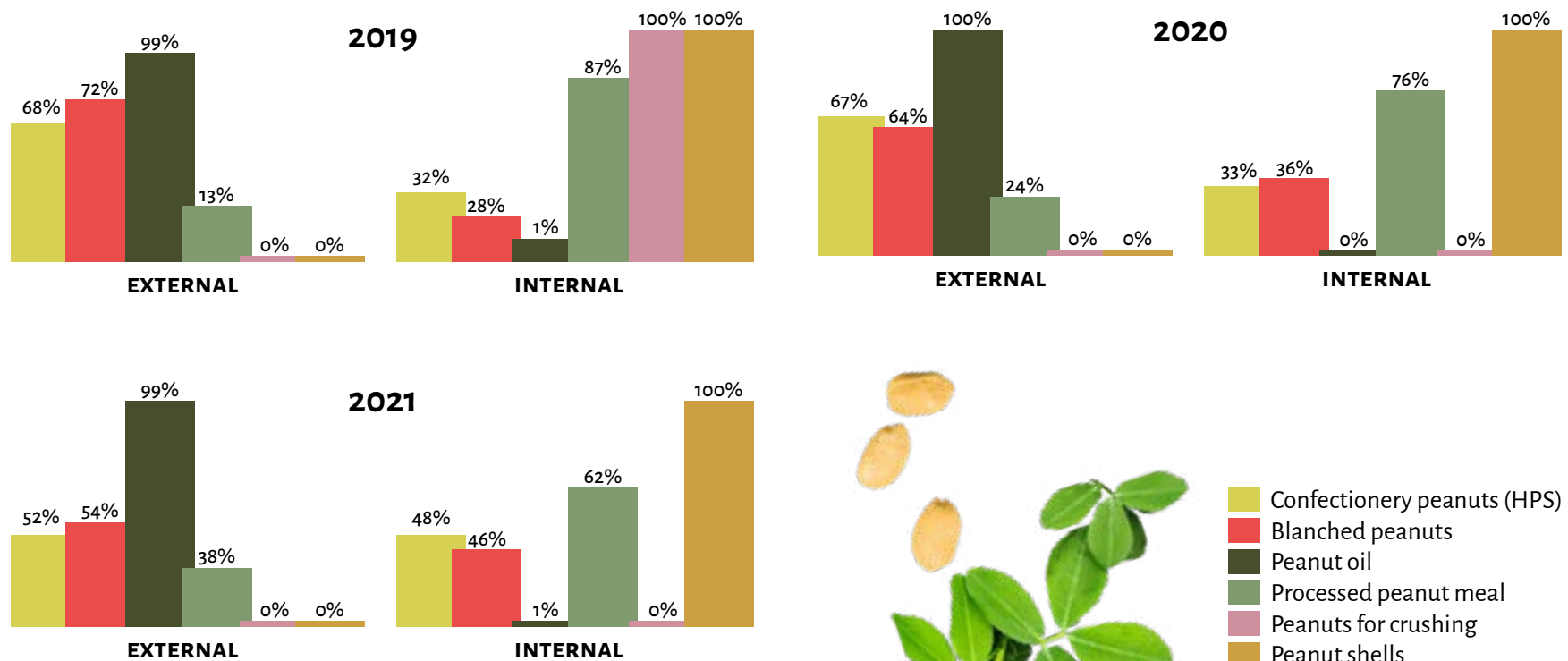
# Sales and Exports

## Foreign sales as a percentage of total sales

/ According to sales revenues in AR\$



## Share of peanut product by market and percentage of total sales



- Confectionery peanuts (HPS)
- Blanched peanuts
- Peanut oil
- Processed peanut meal
- Peanuts for crushing
- Peanut shells

# Peanut exports

Exports of peanut products and their highest value-added industrial derivatives (oil and blanched peanuts in particular) accounted for approximately 61% of total exports of peanuts and peanut derivatives.

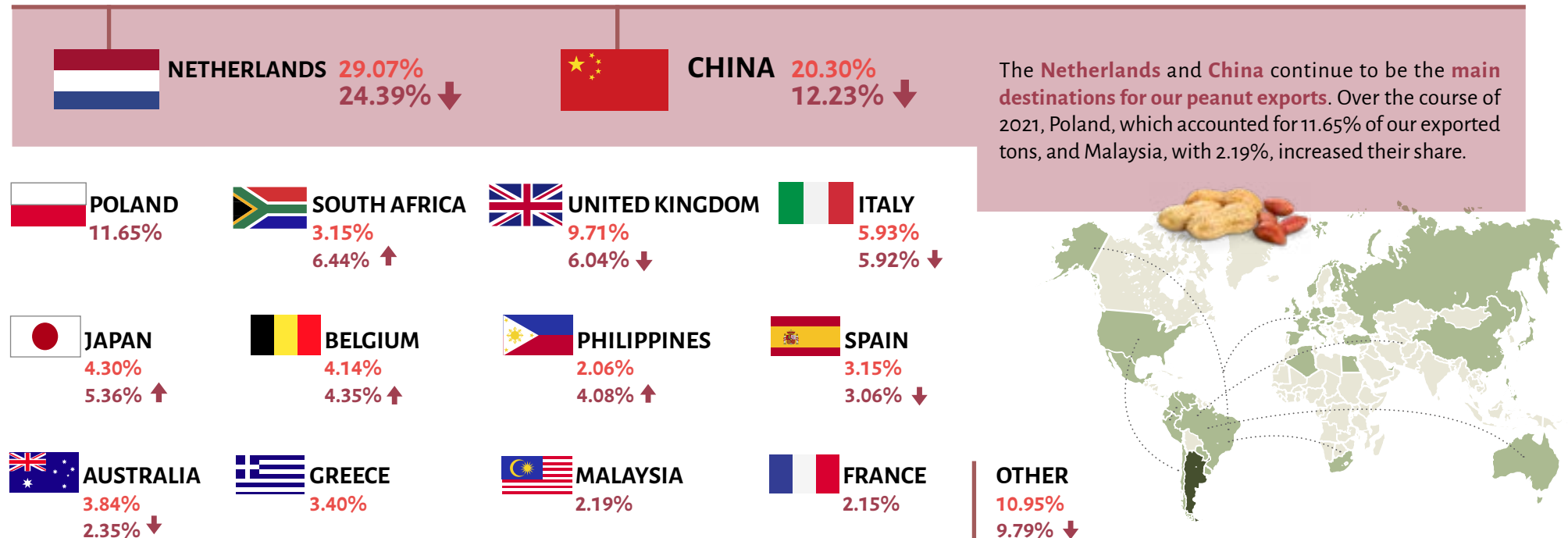
The international market continued to be the main destination for deliveries of products made by the Company.

For 2022, we expect a slightly lower harvest due to climatic conditions, while maintaining significant volumes of in-shell peanuts (main raw material) as the basis for the development of the activity.

There are also similar projections for other grains, such as soybeans and corn.

We will continue to develop traditional peanut products, those with higher added value and some specialties, all of them intended for conventional and potential markets of the agricultural products industry at a global and local level.

## Foreign sales: Destinations by percentage of tons sold ■ 2020 ■ 2021





# CUSTOMERS

Quality Relationships





Customers are the fundamental reason for our existence.

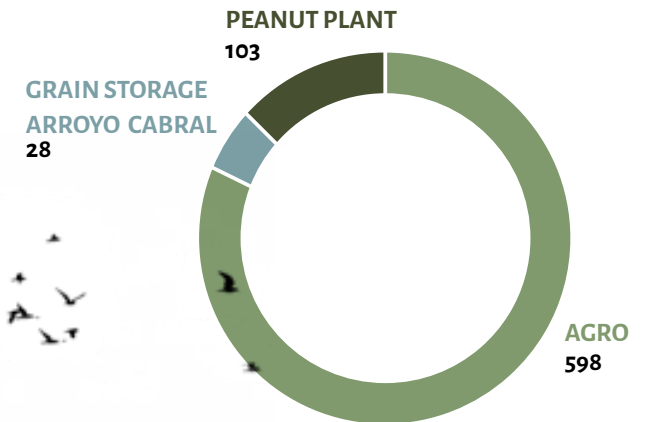
## Our Commitment

- We always seek excellence in the goods and services we offer in order to satisfy our customers' expectations.
- We guarantee the products and services offered.
- We respond quickly and efficiently to customers' needs, seeking their satisfaction beyond mere compliance with the regulations in force.
- We treat all our customers ethically and in accordance with current laws.

## Progress Made in 2021

- We conducted satisfaction surveys with international customers.
- We implemented a complaints record to keep statistics and expedite resolution.
- We invested in the continuous improvement of our production quality.
- Our new Code of Ethics and Sustainability Report, including the Carbon Footprint report, are available on our website.
- We made ourselves available for SMETA and ECOVADIS audits.

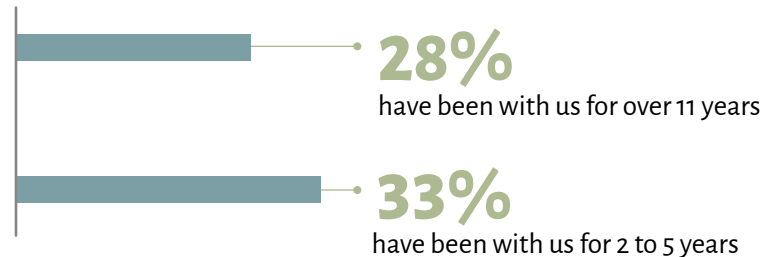
Customers by business as of 12/31/21



## Portfolio Characteristics

**729**  
active customers

**9%**  
more than in the previous year.





## Cultivating quality relationships

### Peanut Sales

*We participate in local and international fairs, planning visits to local and foreign customers.*

*We are present in international platforms that provide information required by customers, such as SEDEX and ECOVADIS of which we are members, and we are open to their audits.*



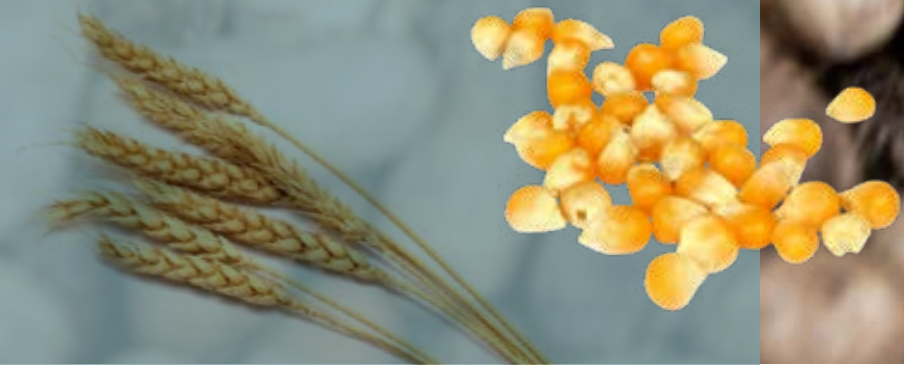
*We have specific brochures with updated information about our products to promote them among international and local customers.*

### Grain Sales

*We work directly with customers by visiting their facilities or through brokers.*

### Sale of Agrochemicals, Seeds, Grain Conditioning and Agricultural Services

*We visit small and medium agricultural farmers providing information, experience, and knowledge to consolidate the established relationship.*



- Our website provides updated information about the company, its products and services, facilitating our presence in any part of the world: [www.lorenzati.com](http://www.lorenzati.com).
- We promote communication at all levels and through the channels best suited to your needs.
- You can find us on Facebook, Instagram, LinkedIn and Twitter with our latest news.



## Your opinion is always important

Every year we conduct a satisfaction survey of our international peanut customers.



The latest survey for 2021 crop was filed by 70% of our customers for blanched and raw peanut.

**100%**  
would do business with us again

**100%**  
would recommend us



## Prompt response

New complaints record . We keep track of all complaints, identified by type and by the corrective action implemented. We control the efficiency in satisfying customers' interests.

# Certified Innovation and Quality

## • Certifications

Food Safety System Certification 22000  
Issued on 09/03/2021

Kosher Quality Certificate  
Valid through 12/31/2022

Halal Quality Certificate  
“Halal Certification”  
Valid through 10/16/2022

## • Food Quality and Safety Policy

## • Laboratory Facility





# VALUE CHAIN

Business Model: Sustainable Management of the Supply Chain



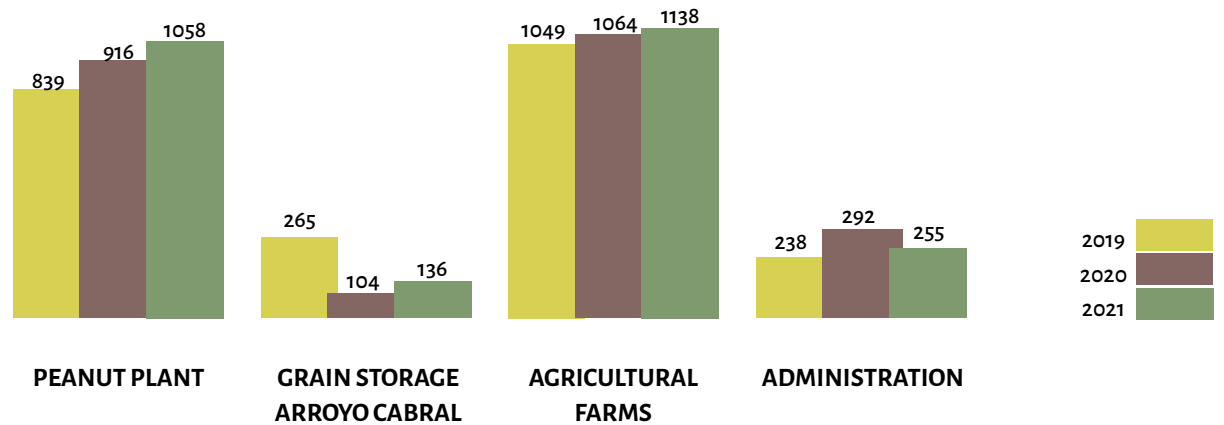
# Our Commitment

*To develop solid relationships with our suppliers of goods and services, based on trust, honesty, ethics and fair treatment.*



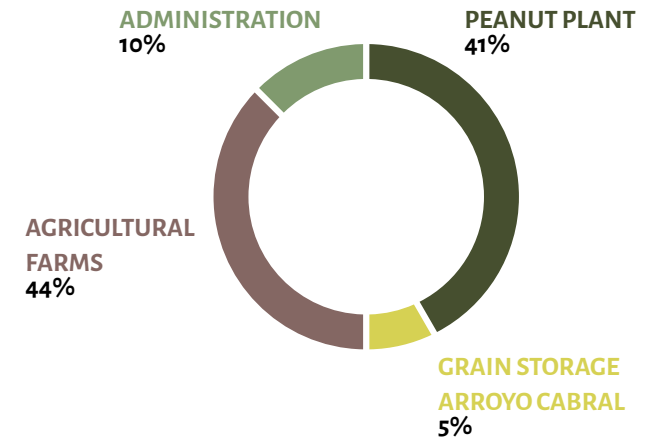
# Chain Characteristics

Active suppliers by year and site ————— • **2,587** active as of December 31, 2021



## Suppliers by site

**211** more suppliers compared to 2020





# Commitment to Sustainability

Since the company's main activity is the production, processing, and commercialization of peanuts, we decided to focus on the suppliers of the Peanut Plant, the most critical ones, and then extend to the entire chain.



## Progress Made in 2021

- New Quality Area Process for Procurement Management and Assessment of Input Suppliers.
- Renewal of the quality criteria and forms for approving suppliers of inputs and materials for the peanut chain.
- New Code of Conduct for Suppliers and its corresponding Letter of Support.
- Approval of the Supply Chain Sustainability Policy.
- Renewal of the available reporting channels: by mail [etica@lorenzati.com](mailto:etica@lorenzati.com) and via web at [www.lorenzati.com/contacto](http://www.lorenzati.com/contacto)
- Definition of the terms for risk mapping.
- We implemented a Sustainability Self-Assessment Form, as an affidavit for national and international suppliers.



# TEAM

Good Labor Practices



# Our Commitment


We have a strong commitment to our people . We want everyone to be respected and to find a space suitable for both professional and personal development.

We align organizational objectives with those of professional and personal development to achieve the highest standards of productivity.


We invest in the training and development of our people. We care for their health and safety at work, as well as for their well-being and that of their families. We share values, dedication to work and the same code of conduct.


**We are the largest employer in Ticino and the surrounding area.**


 **586 people** working in the company as of **DECEMBER 2021**.


 **68%** work at the Ticino Peanut Plant.

 We have created **31 new jobs** between 2019 and 2021.

 **49%** are in the age range of 31 to 50 years old.

 **39%** are between 18 and 30 years old. **There are no employees under 18 years of age.**

 **0%** is the turnover rate last year. **90%** are permanently employed.

 **27%** are women. Most of them are in the Administration (**54%**), Board of Directors (**40%**) and Management Units (**31%**).



## Progress Made in 2021

- We promoted the **Code of Ethics**.
- The Board of Directors approved and promulgated the **HR Policy** and its internal promotion.
- Improvements in the functioning of the **Ethics Committee** with the participation of employees.
- **Improvements in the operation of the complaints channel** mail [etica@lorenzati.com](mailto:etica@lorenzati.com).
- **We multiplied the hours of training.**
- **We worked during the pandemic with safety measures, taking care of each other.**

## Launching the Comprehensive Human Resources Policy

The policy expresses our purpose of ensuring the entire work cycle in accordance with the company's values: **respect for cultural diversity, human rights and equal opportunities, as well as training for development, encouragement, motivation, good working environment, safeguarding of information, care and protection of occupational health, internal communication, and compliance with labor and social security legislation.**

### New Structure of the Ethics Committee

We broadened the participation base with company representatives and collaborators from different areas and modified its structure.



## Main results of the new organization:

- The **Human Rights Committee** drafted the **Policy to Prevent, Address, and Eradicate Violence and Harassment** in the workplace, which was approved by the Board of Directors in 2022.
- The **Anti-Corruption Committee** created the **Conflict of Interest Policy** and the **Environment/H&S Committee**, which, based on the policies already in place, is working on extending its scope to the entire organization.
- The protocols to be followed in the event of noncompliance and potential complaints were established in order to ensure correct treatment and safeguard the rights of potential complainant(s).

## COMMUNICATION OF POLICIES AND VALUES

100%

of all team members have learned the new rules and adhered to them.

answered the questionnaire that was implemented as a strategy for dissemination and survey of the level of knowledge.

60%

## Selection Procedures for New Employees

HR Management is in charge of the process of calling and selection of new employees, being totally free of charge for the applicants and for those who are selected for the requested positions. The company does not work with third-party companies for the selection of its personnel.



Whenever possible, senior positions are filled by promoting those already working within the company.

## Freedom of Association and Collective Bargaining Agreements



**99%** of the employees are covered by collective bargaining agreements.

The Peanut Plant has a union delegate who represents the workers, and it should be noted that in the reported period there have been no days lost due to labor disputes.



## Benefits Exceeding Legal Obligations

- Flexible schedule for non-residents in Ticino and to participate in personal training.
- Transportation for non-residents in Ticino.
- Annual bonus for middle managers.
- Work clothes.
- Special celebrations: New Year's Eve party.
- Presents for the employee.
  - Gifts: End of year.
  - Workers' Day.
  - Business Employee Day.

Support for the local day care center, which is used by employees, and for the Housing Cooperative, which aims to address the local housing shortage. Housing units are provided by the company for employees who do not live in Ticino and who need them.

## Training and Development

### LR Training Center

There are several areas that provide training in areas that are key to the company's development:

- Good Agricultural Practices (GAP).
- Laboratory techniques or new technologies.
- Quality.
- Environment.
- Hygiene and Safety.
- Production tools (new technologies and preventive actions).
- Maintenance (automobile/electrical and mechanical).
- Equipment management tools.



**148% increase**  
of training hours compared to 2019

**3.4 trainings**  
attended per employee

**2 times increase**  
in average training hours per employee compared to 2019

# Occupational Health and Safety

**100%** of permanent, temporary and third party workers employed by the company **are covered by the health system.**

Only  
2

**accidents with recorded occupational injuries per year among temporary workers.**



## Occupational Health and Safety Management System

It is based in the Occupational Hygiene and Safety Department, which has expanded the integration of its team of professionals. This Department also receives external advice from an H&S Consultancy Firm.

The System includes:

**Annual Work Plan, Annual Measurement Plan, Training and Drills, and internal audits are carried out.**

Risk studies and job evaluations, preparing a matrix by sector called **Hazard Identification and Risk Evaluation (HIRE).**

Provision of **Personal Protective Equipment (PPE)** and work clothes.

**Hygiene and Safety Committee**, made up of those responsible for each sector of the company, where concerns and problems to be solved are discussed every two months. Workers' representatives participate in inspections carried out by the Ministry of Labor in relation to Hygiene and Safety, as well as in audits and investigations of health and safety accidents.

**Occupational Risk Insurance Company (ART)**

**Occupational Health and Health Promotion Services**

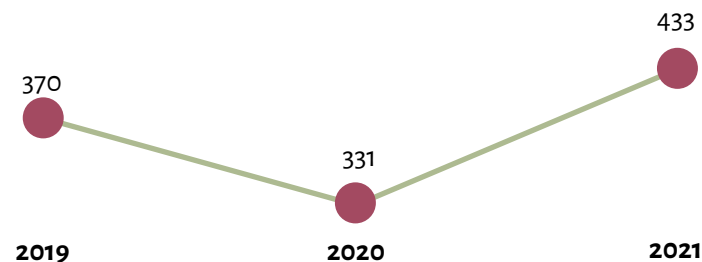
The Medical Service - occupational physicians or nurses -

is in charge of promoting health and preventing diseases that may be caused by the work activity itself and its environment and provides advice so that the staff can access their health insurance assistance (Prepaid insurance, Trade Union Welfare Fund or the ART) depending on whether the condition is of an inculpable nature or an occupational contingency.

**COVID-19 Preventive Actions**

**#takingcaretogether** 

**Health and Safety Training - hours per year**





# ENVIRONMENT

Mitigation of Environmental Impact



## Our Commitment

To permanently seek the means to reduce environmental impact through the continuous improvement of processes, emissions control, waste management, water treatment, energy saving and renewable energy generation, as well as any other element that could potentially affect the environment.

## Progress in 2021

- Environmental Management Policy defined.
- Investments aimed at reducing and making a more efficient use of resources.
- Analysis of the results of GHG and LCA measurements and communication of their results.
- First steps towards certification of the company's carbon footprint.
- Progress on the road to Good Agricultural Practices certification.



## Environmental Management System and Policy

The **Environmental Policy** approved in 2021 highlights the commitment to respect, protect, take care of and mitigate the environmental impacts, throughout the production process and other activities, meeting the requirements of stakeholders and legislation, as well as promoting the environmental care and rational use of resources among our employees and value chain.

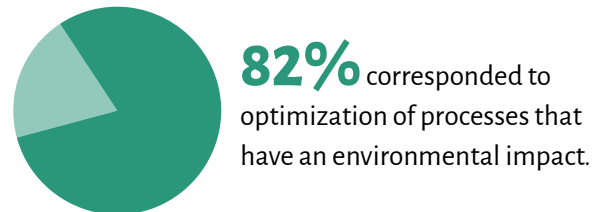
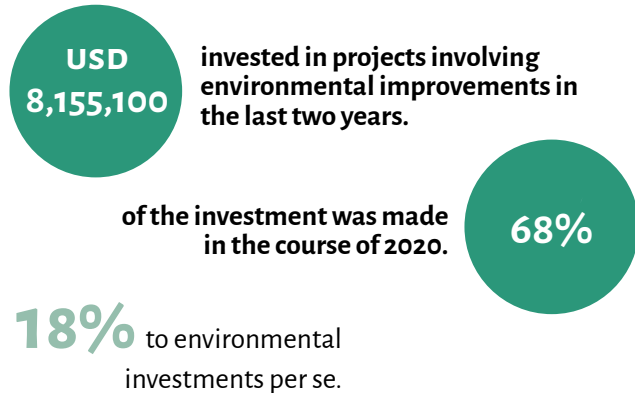
The Comprehensive Management Department provides comprehensive environmental management with the support of a specialized external consultancy firm. We have an Environmental License to operate issued by the competent authority. In the period covered by this report, there have been no violations of environmental laws or regulations and no warnings or sanctions have been received.

Our Environmental Management Plan is being implemented in order to obtain an ISO 14001 certification in the near future.

We monitor our environmental indicators by means of an environmental impact matrix for all areas of the production process.



# Environmental Investments Made



# Energy Management

## Renewable electrical energy generation

The renewable energy generated has a direct impact on the energy sustainability of Ticino city and the Peanut Plant, since its electricity consumption comes from this source via the Ticino Public Utilities Cooperative.

It also has an impact on the management of peanut industrialization waste since the peanut shells become a resource for energy generation.

## Installed capacity

Equivalent to energy for **8,000 homes**, 10 times the number of homes in Ticino.

**4.63 MW**  
**37,000 MWh/year**

**40.000 tons**  
of peanut shells per year approximately

## GENERADORA TICINO BIOMASA S.A.

(Company Controlled by Lorenzati Ruetsch y Cia SA)



**2018**  
INAUGURATION



**90 million**  
AR\$ IN INVESTMENTS

## Revaluation of peanut shells

From production waste to input for renewable energy generation.

According to the plant's performance and gross generation capacity of 4.63 MW installed and 37,000 MWh/year, approximately 40,000 tons of peanut shells are used per year to generate energy.





# Total energy management of the operation

The most remarkable aspect corresponds to the change in the percentage of renewable energy used as a percentage of total electricity consumption.

**8% LESS**

in total energy consumption in 2021 compared to 2019



The main energy consumptions comprise electric power and natural gas.

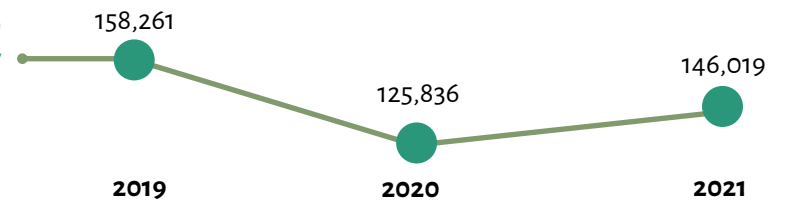
**98%**

of electricity consumed in 2021 is renewable.

**↑ 4%**

increased by 4% compared to 2020.

Evolution of the Company's total energy consumption in GJ

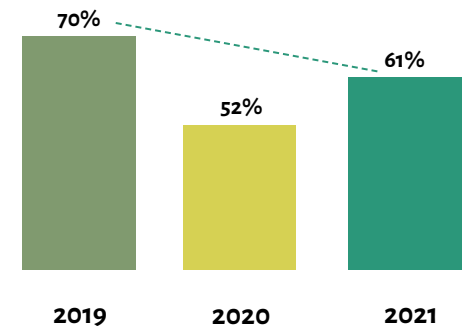


# Share of the Peanut Plant in the company's total energy consumption

**19% ↓**

The Peanut Plant presents a 19% decrease in its total company energy consumption with respect to 2019.

Percentage share of the Peanut Plant in total energy consumption



# Waste Management

## Reduce, Reuse, Recycle and Recover

We have had a Waste Treatment Policy since 2017. Waste segregation is done at source, using color-coded signage for on-site treatment until their final disposal.

TYPE OF WASTE GENERATED IN KG	2020	2021	Municipal Collection	Revalue for Energy Generation	Final Disposal with Certification	In-plant Recycling	Third-party Recycling
Paper and Cardboard	19,140	16,950			●		
Glass	10	10	●				
Metallics (Metals + Aluminum)	140	120					●
Waste Containing Hazardous Substances	2,733	9,790			●		
Plastic Containers	950	23,170			●		
Soil	8,313,030	5,329,450				●	
Sticks	5,583,030	4,501,980		●			
Peanut shell	24,965,000	20,657,000		●			
Scrap (Other)	3,800	14,952					●

In accordance with the principles of the **Circular Economy**, the **Power Plant transforms the peanut shell waste into energy**, annually consuming all the main waste from the industrial process.

**Pallets are reused**, undergo a reconditioning stage, and return to the production circuit.

**Soil and sticks are also managed in the field.**

After a conditioning process, the **Big Bags** for internal use are also reused in the storage of industrial peanuts and seeds to be sent to the fields. The Big Bags that cannot be reused are removed by a company providing certified treatment and recycling.



# Water and Effluents

**Water is used for human consumption, hygiene and disinfection of personnel who must access the production plants.** Water from runoff or wells is used for the fire network.

**The company's activity does not generate industrial effluents.** The only effluents are those related to the use of office toilets in the different sectors of the plant, which are treated by the municipal sanitation system.



## Consumption Indicators

PEANUT PLANT	2019	2020	2021
Piped water consumption per year (m3)	2,727	3,858	6,368
<b>Comparison of Plant consumption with the consumption of a typical family (4 people) in the city of Cordoba.</b>			
The average annual m3 consumed by a typical family in Cordoba according to data from the drinking water distribution company in the city of Cordoba is 514 m3.	5 families	8 families	12 families



# Control of Greenhouse Gas (GHG) Emissions

**SINCE 2017**

We have been measuring our carbon footprint since 2017. We are pioneers in the Latin American market in measuring the environmental footprint of peanut production.



The highest emissions are recorded in Scope 3, which includes raw materials, transportation and distribution, waste, and travel (along the way and corporate).

## Whole Company (comparison to base year)

Total company footprint



VARIATION % (2017-2021)

**-34%**

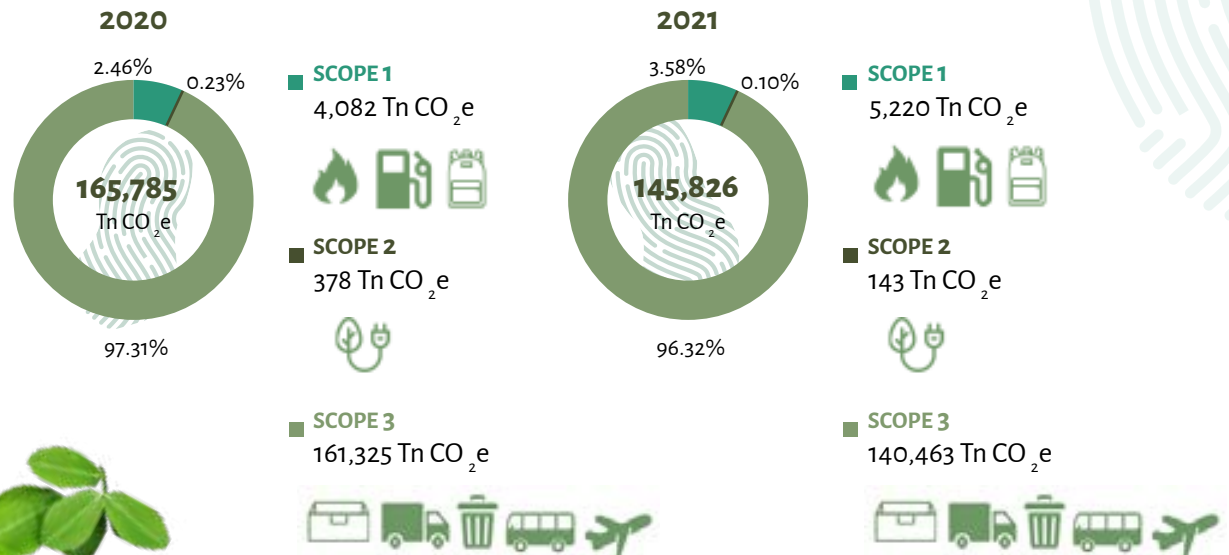


## Key results by Scope (year-over-year comparison)

**13% LESS**

of emissions recorded in 2021 compared to 2020 for the whole Company.

Year-on-year comparison of total ton CO<sub>2</sub>(e) by the organization



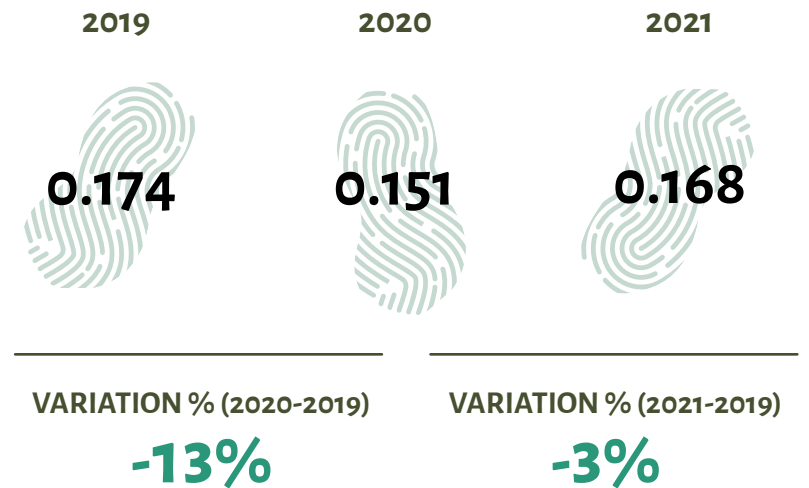
# Life-Cycle Analysis (LCA) of Peanuts and Peanut Emissions Intensity

The report comprises the LCA of one kilogram of blanched peanuts produced and processed, based on own and suppliers' data, for the 2020 and 2021 production cycles.



## Comparative results with previous report

Emissions kg CO<sub>2</sub> e/kg of peanut blanching process in the Production Phase, Agronomy Phase and Peanut Plant Phase





## Good Agricultural Practices

In 2021, we started the process to certify our Good Agricultural Practices with the FSA methodology, with the objective of evaluating, improving, and verifying sustainability performance.



### Summary of Good Practices Identified

- Soil management (compaction, crop rotation, cover crops, use of organic matter).
- Waste management and disposal.
- Seed selection for production and propagation.
- Occupational Hygiene and Safety System.
- Integrated pest management.
- Correct treatment and application of phytosanitary products.
- Protocols for handling machinery and equipment.
- Handling of harvest, post-harvest period, and transportation of products.
- Management of wastes and contaminants.
- Management quality.
- Good labor conditions.
- Training plan.
- Environmental impact measured through the Carbon Footprint and LCA study.
- Ethical and sustainable labor and business practices linked to compliance with the Code of Conduct. Anti-corruption and anti-bribery measures, respect for human rights (prohibition of child labor, abuse and harassment, and non-discrimination, among others).
- Improvement plan that includes biodiversity impact studies.

As a conclusion of this process, in mid-2022, **we obtained FSA certification in the SILVER category** for the areas and hectares analyzed, after achieving the necessary and advanced score in the criteria to meet the FSA requirements.





# COMMUNITY

Relationship with the community



# We actively participate in the community



We are driving engines of the local economy.

The company **is the leading employer in town and surrounding area.**  
The largest generator of indirect employment.  
We support the development of local suppliers.

We contribute to sustainability by providing renewable energy.

We generate enough renewable energy from biomass to supply around **8,000 homes**, which is 10 times the number of homes in Ticino.

We strengthen democratic institutions.

We interact with public authorities and institutions in a lawful and respectful manner, not accepting or offering bribes, gifts, or commissions.  
We promote the volunteerism of our people to strengthen the functioning of local institutions.

We are part of the social fabric of the community.

Since its creation in October 2004, it has been dedicated to promoting education as a pillar for the economic and social development of the town.





- To access the full SUSTAINABILITY REPORT 2020/2021

[www.lorenzati.com/sustentabilidad](http://www.lorenzati.com/sustentabilidad)

- POINT OF CONTACT FOR MORE INFORMATION

[sustentabilidad@lorenzati.com](mailto:sustentabilidad@lorenzati.com)



**Central Office**

Diagonal Mitre 40  
Ticino · Córdoba · Argentina  
Tel.: (+54 353) 4886015  
Fax: (+54 353) 4886048  
[admticino@lorenzati.com](mailto:admticino@lorenzati.com)

**Arroyo Cabral**

Administration: 25 de Mayo N° 681  
Arroyo Cabral · Córdoba, Argentina  
Tel/Fax: (+54 353) 4877241  
[admcabral@lorenzati.com](mailto:admcabral@lorenzati.com)



[www.lorenzati.com](http://www.lorenzati.com)



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