



Sustainability

REPORT 2021





summary

- 3 Foreword
- 4 Agrária Overview
- 5 Agrária's Sustainable Development Goals Engagement Matrix
- 7 Zero Hunger and Sustainable Agriculture
- 8 Decent Work and Economic Growth
- 9 Industry, Innovation and Infrastructure
- 10 Sustainable Cities and Communities
- 11 Responsible Consumption and Production
- 12 Action Against Global Climate Change
- 13 Agrarian Matrix of Engagement to the Sustainable Development Goals
- 24 Commitment to the Future

Foreword

The year 2021 continued the trends of major challenges to be overcome in a global scenario. Still under the influence of Covid-19, even with the advent of vaccines, we face market instability in our daily activities.

Given this scenario, we understand that it is increasingly necessary to align Agrária's Strategic Planning with the Ten Principles propagated by the UN Global Compact - United Nations Organization.

For this, we have dedicated efforts to promote actions for the fulfillment of the Sustainable Development Goals – SDGs, focusing on: 2. Zero Hunger and Sustainable Agriculture; 8. Decent Work and Economic

Growth; 9. Industry, Innovation and Infrastructure; 11. Sustainable Cities and Communities; 12. Responsible Consumption and Production; and 13. Action Against Global Climate Change.

It is with great satisfaction that we reinforce our commitment to the cause of sustainability, reiterating our commitment to the Global Compact. We present the results of the activities we carried out in 2021 to promote the development of our Cooperative in balance and responsibility with the community and the environment. I invite you to know what Agrária is doing for a better future.

Enjoy your reading!


Jorge Karl Chairman and CEO



Agrária

o v e r v i e w

In 2021, Cooperativa Agrária Agroindustrial turned 70 years old. Currently, its staff counts on 680 cooperative farmers, and more than 1,600 employees, in the administrative and operational areas, and maintained entities.

Last year, the planting of barley, wheat, soybeans and corn resulted in the production of more than 800 thousand tons produced. These are grains and cereals that serve as the main raw material for the following industries: Agrária-Malt, Agrária Flours, Agrária Oil and Meal, Agrária Grits and Flakes, Agrária Animal Nutrition and Agrária Seeds.

In line with the Sustainable Development Goals - SDGs proposed by the UN Global Compact, the Cooperative's actions cover its members, employees, suppliers and cus-

tomers, but which are also aimed at the community in general, involving the entire ecosystem in which it is located.

Efforts in favor of a more balanced environment, where it is possible to obtain continuity in business and the prognosis of a future of prosperity, have been made in Agrária's daily operations.

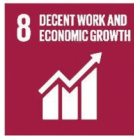
Last year presented the best financial results ever achieved by the Cooperative. This is a result of the commitment and dedication given to the cooperative members in technical guidance, in the research applied in practice by the Central Laboratory and by FAPA - Agrária Foundation for Agricultural Research, in the adoption of standards for the execution of operational and administrative processes, leading to the offer of quality products to the market.



S U S T A I N A B L E

development goals
Agrária's focus

development goal
Agrária's focus



Zero hunger and sustainable agriculture

Agrária works to disseminate sustainable practices to its cooperative farmers, who produce the grains used as raw materials in their industries. All farms are monitored by the Technical Assistance of the Cooperative, the department responsible for guiding agricultural production based on science and research validated by FAPA.

Since the beginning of the 2000s, Agrária has worked with its internal public to disseminate and encourage the pillars of sustainability. In 2015, these actions were compiled in the PAGR – Agricultural Rural Management Program. The PAGR follows a Sustaina-

ble Agriculture Code, which provides for the execution of actions related to the production of safe food, with respect to labor legislation, sustainable production and the preservation of natural resources. This Code is based on the premises of the SAI Platform, a global sustainable agriculture initiative, in which Agrária has been a member since 2016.

In 2021, we reached 125 rural properties participating in the PAGR. This represents 76% of the area cultivated by the Cooperative, which corresponds to more than 90 thousand hectares. These properties have unique practices to promote sustainability.

2 ZERO HUNGER



Decent work and economic growth

The Cooperative not only achieved, but surpassed the goals set for the year, reaching an EBITDA of US\$ 142 million and a Result of US\$ 109 million. The year also had the highest revenue in the history of Agrária: US\$ 1.3 billion. When analyzed, these numbers show the gradual improvement of the Cooperative's indicators over the years, proving the reliability of the actions devel-

oped by its financial management. Also noteworthy is the collection of taxes by Agrária, whose federal, state and local taxes exceeded US\$ 79 million. These values end up being reversed in actions by public authorities, promoting an improvement in the population's living conditions.

8 DECENT WORK AND ECONOMIC GROWTH



Industry, innovation and infrastructure

Employ the appropriate technology in production and offering top quality products to the market is Agrária's mission. For this, the Cooperative is constantly focused on its industrial units, seeking structural improvements and acquiring equipment that streamlines processes, making them more agile and guaranteeing the standards required by customers. Another significant point is that these continuous changes in industrial plants create safer work environments for employees.

In this context, in 2021, the allocation for investment projects and approved

improvements, and for the maintenance of Agrária's six industrial units, exceeded the amount of US\$ 16 million.

The Cooperative also made improvements in its Grain Receiving and Storage units, installing new equipment and modernizing the areas at locations Vitória, Guarapuava, and Pinhão.

In addition to investing in infrastructure, Agrária also paid attention to research in different areas, such as the use of biological inputs in agricultural practice, a trend that has intensified in recent years.



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



Sustainable cities and communities

Agrária has always been strongly connected to the community where it was established. Created to offer opportunities to Swabian families (of Germanic origin), refugees from the Second World War, the Cooperative has been acting over the years as a support for assistance, social, cultural, education and health activities.

In 2021, actions to maintain spaces in the five colonies that make up the Entre Rios District had an important impact on the community. Investments were made to conserve the Horto Florestal and also to revitalize the Nova Pátria and Nova Esperança squares. The Cooperative also carried out, alongside the municipal authorities, the maintenance of the central flower beds of the colonies.

With regard to security, Agrária assists the work of the Military Police detachment in the District, offering meals to the police officers who work in the unit and subsidizing the maintenance of vehicles. The Cooperative also installed new signposts on the roads that cross Entre Rios.

In the social area, constant support is provided for the actions carried out by ABSER – Charitable Association of Ladies of Entre Rios. The Association is responsible for assisting needy families in the district through Projection - Youth in Action Project. The Cooperative supports ABSER fundraising activities, such as the Swabian Bazaar.

Agrária is also responsible for biological control of insects, promoting the re-

population of local rivers and repopulation with native fish. The Cooperative's teams work in garbage collection along the PR-540 highway. It also offers support to ecological operators who collect recyclable waste in Entre Rios, with a subsidy for maintenance of the structure where these materials are allocated, and shopping vouchers to supplement the income of those families.

In the last year, these activities amounted to an investment of over U\$ 313 thousand. With the grants made by the Cooperative to Imperatriz Dona Leopoldina School, Swabian-Brazilian Cultural Foundation and Semmelweis Hospital, in 2021 over U\$ 2.1 million has been earmarked for community support.



11 SUSTAINABLE CITIES
AND COMMUNITIES



Responsible consumption and production

When it comes to Responsible Consumption and Production, it is inevitable not to think about the importance that natural resources have for this Sustainable Development Goal to come into being. In this sense, the attention that Agrária gives to the use of these resources begins in the properties of its members, passing through the other sectors of the Cooperative, and having a strong presence in its industrial units. Agrária's strategic planning proposes several actions to ensure that natural resources are being used in the best possible

way. Among these measures are the expansion of the use of renewable energy sources, the reuse and recycling of residues and the reduction in the consumption of electric energy. In 2021, the activities carried out within the Cooperative to reduce water consumption, which, as is well known, is an indispensable raw material for industrial production, had great prominence. The water consumption recorded at the industrial units was 8% lower than in the previous year. In the last three years, the water savings accumulated by

Agrária would be able to supply a city of 180,000 inhabitants for 11 days. An example of improvement in this regard was the change in the water treatment of one of the boilers in its industrial area. The equipment performed background discharges every 30 minutes. With the change implemented, this interval increased to 10 hours, significantly helping to reduce the unit's water consumption. More than that, the modification also reduced the effluent emission.

12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



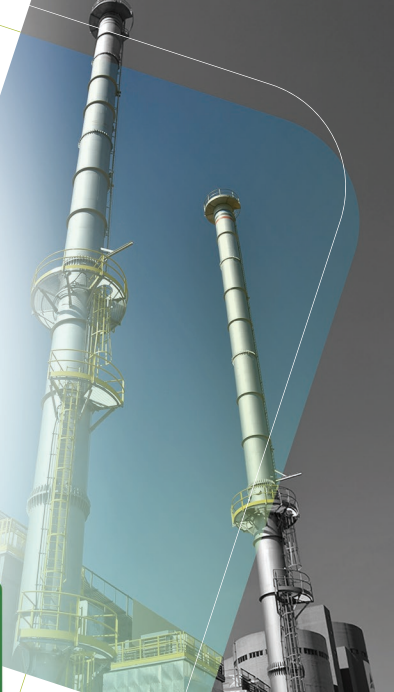
Action against global climate change

We operate in an ecosystem where economic, social and environmental factors are interconnected. This scenario makes the concern with global climate change increasingly relevant, after all, the development of agricultural crops depends directly on the preservation of the characteristics of the local climate. Understanding this situation, excessive emissions of carbon dioxide - CO₂ are the object of attention, due to the harmful effects they can cause to the environment. With this in mind, since 2007 Agrária has been promoting a series of changes in its energy matrix, with the aim of minimizing the environ-

mental impact caused by emissions. The first significant measure for this decrease was the replacement of part of its non-renewable thermal energy matrix with renewable energies. It is necessary to point out that the thermal energy used in the industries of Agrária has as main raw material the biomass produced in reforestation areas. Currently, Agrária has the goal of becoming self-sufficient in renewable electricity by 2024. To this end, it participates in hydroelectric and solar energy generation programs. The Cooperative continually develops new projects in the area.

In 2017, the Cooperative carried out the first inventory of greenhouse gases. Initially, the 'Malt' and 'Grits and Flakes' units served as pilots in this deployment. In 2019, the action was extended to the entire organization. Thus, the goal of reducing emissions by 75% by 2024 was established, based on the values prior to the replacement of the energy matrix by renewable sources. The numbers presented in 2021 are quite promising. So far, Agrária has reduced its emissions by 73%, contributing to the global goal of combating climate change.

13 CLIMATE ACTION





Agrária's Sustainable Development Goals

ENGAGEMENT
GOALS

Subjects and Initiatives		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
SDG		End Poverty	Zero Hunger and Sustainable Agriculture	Good Health and Well-being	Quality Education	Gender Equality	Clean Water and Sanitation	Affordable and Clean Energy	Decent Work and Economic Growth	Industry, Innovation and Infrastructure	Reduced Inequalities	Sustainable Cities and Communities	Responsible Consumption and Production	Climate Action	Life below water	Life on land	Peace, Justice and Strong Institutions	Partnership for the Goals
PROMEDICON Agrária Program of Continuing Medication	Benefit to employees who use continuous medication			✓														
People with Disabilities	Valuing human autonomy and dignity		✓						✓					✓				✓
Benefits to Employees	Meals Health Life Insurance Occupational Safety and Medicine Education Transport Recreational Association Share of Financial Results		✓	✓	✓				✓		✓		✓					
Succession Program	Leadership Development Leadership Positions Occupied by Internal Personnel					✓			✓									
Agrária Institute of Social Responsibility	Community development	✓	✓	✓	✓	✓					✓	✓					✓	✓

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SDG		End Poverty	Zero Hunger and Sustainable Agriculture	Good Health and Well-being	Quality Education	Gender Equality	Clean Water and Sanitation	Affordable and Clean Energy	Decent Work and Economic Growth	Industry, Innovation and Infrastructure	Reduced Inequalities	Sustainable Cities and Communities	Responsible Consumption and Production	Climate Action	Life below water	Life on land	Peace, Justice and Strong Institutions	Partnership for the Goals
Actions performed																		
Swabian-Brazilian Cultural Foundation	Preservation of Swabian traditions through cultural groups, encouragement to members, organization of events, encouragement to young people with the JugendCenter, dissemination of culture through the Universitária Entre Rios FM Radio, Entre Rios Magazine, and the Entre Rios Historical Museum				✓	✓						✓						
Imperatriz Dona Leopoldina School	Reference in education for children of cooperative members, employees and community in general Technical Course in Agriculture and Livestock Brewery Technical Course CEBAS - Certificate of Charitable Organization for Social Assistance	✓			✓	✓			✓		✓							
Semmelweis Foundation	Hospital and Pharmacy Consultations, Hospitalizations, Community Service			✓								✓						
PAIS Agrária Solidarity Integration Program	Campaigns to collect items for charity and donations to charities	✓	✓								✓							
Social Support	ABSER - Entre Rios Ladies Beneficent Association PROJEÇÃO - Youth in Action Project Canaã Association for the Protection of Children and Adolescents	✓	✓								✓							✓

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Actions performed																		
Partnerships for Sustainability	Global Compact SAI Platform NU Agrar ProTerra Foundation		✓										✓	✓				✓
Renewable Energy Sources	Hydropower Stations, Solar Energy, Reforestation Firewood							✓		✓		✓		✓				✓
Conservation of Native Forests	Agrária-owned Areas for Environmental Preservation Cooperative Farmers Areas for Environmental Preservation											✓		✓	✓	✓		
Sustainable Consumption of Electricity	Energy Capacity Optimization Strategic Goal of Reducing Electric Energy Consumption							✓		✓			✓	✓				
Sustainable thermal energy consumption	Biomass Boylers, Burning Waste from Industrial Process, Strategic Goal of Reducing Thermal Energy Consumption							✓		✓			✓	✓				

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Actions performed																		
Sustainable Water Consumption	Strategic Goal of Reducing Water Consumption Industrial Reverse Osmosis Systems						✓			✓			✓	✓				
Water and Energy Conservation	Committee on Energy and Water Conservation Water treatment plant for Malting Plant Investments in Effluent Treatment						✓	✓					✓	✓				
Reuse and Recycling of Waste	Strategic Goal for Industrial Waste Reuse in Boilers Categorization of Recyclable Waste and Destination for Recycling							✓		✓			✓	✓				
Carbon and GHG Management	GHG Emissions Inventory Reduction Specific Emission of CO ₂ e Investments in Combating air Pollution		✓							✓			✓	✓				

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Actions performed																		
Industrial Management	Area Owner Program Program Autonomous Maintenance Investment in Improvements in Industrial and Warehousing Units								✓	✓								
Our Behaviors Program	Restructuring the compliance program Code of Conduct Conduct Channel Risk matrix structuring Adequacy of processes to the General Law of Data Protection					✓			✓									✓
Agrária University	Agrária University Training for Employees, Cooperative Members and Family Members Scholarships				✓	✓			✓		✓							
Quality Programs	Lean, 6 Sigma and CCQ - Quality Control Circle									✓			✓					

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Actions performed																		
Infrastructure and Community	Donation for Police Detachment, Security Monitoring, Maintenance of Squares and Parks, Forest Garden"			✓								✓						✓
Selective Garbage Collection Support	Mata Verde Project, Selective Garbage Collection (support to the Cooperative of Ecological Operators of Guarapuava)	✓										✓				✓		✓
Women's Participation	Cooperated Women Center - Women in Leadership Positions					✓					✓							
New Generations	Young Apprentice Program, Trainee Program, Cooper Jovem Program	✓			✓				✓		✓							
FAPA Agrária Foundation for Agricultural Research	Agricultural research, new cultivated plant varieties, higher product quality, better management practices, soil conservation, efficiency in the use of phytosanitary products, spraying technology, optimization in the use of inputs		✓							✓			✓	✓				

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FAPA Radar	Climate Monitoring and Best Practices for Pest and Disease Prevention		✓							✓			✓	✓				
Bioinputs	Research and Management of Biological Inputs		✓							✓			✓	✓				
New Plant Varieties	Research Program in Assisted Breeding		✓							✓			✓	✓				
Prosolo Paraná Integrated Soil and Water Conservation Program	Training for farmers, and technical actions, for environmental preservation and yield improvement		✓										✓	✓		✓		
Central Laboratory	Quality Tests for Products from Agrária Industries		✓										✓					
By-products in the Animal Feed Industry	Raw material for animal feed industry, with origin in co-products		✓						✓	✓			✓					
Packaging	Replacement with Renewable Raw Material - Agrária Flours, Sewing Consciousness Project - reuse of packaging for transformation into new products									✓		✓	✓	✓				

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Actions performed																		
Sustainable Agriculture	Net margin, and additional net margin of the cooperative farmer Grain Production Non-GMO Grain Production		✓						✓				✓	✓				
Technology Diffusion Events	Summer Field Day, WinterShow, Technical Barley Rally, Technical Events, Agrária Malt International Technical Congress		✓									✓	✓					



Commitment to the future

More than machines, volumes or numbers, Agrária is made of people. They are cooperative members, employees and partners who work with love, thinking about the legacy that will be left for the future. And the commitment to those yet to come starts now.

The Cooperative has been striving to provide more and more security to its teams. Methodologies such as Safe Start® are changing the mindset of its employees and transforming work environments into preventive spaces. In 2021, the lowest rate of occupational accidents in the AGIR 500* Strategic Cycle was recorded. However, it is understood that this alone is not enough: Agrária remains relentless in its quest

for zero accidents.

In 2022, the Cooperative continues to pay attention to sustainable food production, encouraging good practices in both agriculture and industry. The conscious use of natural resources continues to represent an essential item to guarantee the continuity of business. Thus, projects for prioritizing renewable sources of thermal and electrical energy, and the conscious use of water are the focus of Agrária.

Regarding its social role, Agrária remains attentive to the demands of the community, in order to promote social well-being.

Agricultural research is an indispensable input for the development of the Co-

operative, always emphasizing the quality of the grains and the volume of production.

Governance is another topic that has guided the Cooperative's actions. The qualification of cooperative members through courses, trips and technical events, and the involvement of women and young people in activities has shown a considerable increase.

In view of all these factors, we can say that Agrária's commitment to the SDGs is materialized every day in practice, demonstrating itself as concrete actions in the promotion of citizenship and sustainable development.



Access the previous reports

2021 SUSTAINABILITY REPORT

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COORDINATION

Corporate Strategy
Marketing
Health, Safety and Environment

PHOTOS

Agrária

GRAPHIC PRODUCTION

Bulbo Design de Negócios



Love of one's work. Commitment to the future.