Quarterly Financial Report

September 30, 2022

Release
Quarterly Financial Information
Selected Explanatory Notes
Independent auditor´s report

www.tupy.com.br

Consistent results and strong operating cash generation

Highest Revenue, Adjusted EBITDA, and Net Income in Company´s history

Earnings Conference Call

Date: 08/11/2022

Portuguese/English

11:00 a.m. (Brasília) / **09:00** a.m. (EST)

Dial in Brazil: +55 11 4090-1621
Dial in Brazil: +55 11 3181-8565
Dial in USA: +1 412 717-9627
Toll free USA: + 1 844 204-8942
Code: TUPY
Website: www.tupy.com.br/ir

Investor Relations

Thiago Fontoura Struminski
Chief Financial and
Investor Relations Officer

Hugo Zierth
IR Manager

Rafael Felipe Junckes

dri@tupy.com.br
+55 (11) 2763-7844

- **Revenues:** R$2.7 billion (+47% vs 3Q21).
- **Physical sales volume:** 177 thousand tons in 3Q22 (+34% vs 3Q21).
- **Cash Conversion Cycle and Operational Generation:** 18-days decrease in relation to the previous quarter (2Q22), contributing to the generation of R$230 million cash flow from operating activities.
- **Adjusted EBITDA:** R$358 million, with a margin of 13.3%, similar to the first half of 2022
- **Net Income:** R$192 million in 3Q22, *vs* a net income of R$125 million in 3Q21.
- **Indebtedness:** Net debt/LTM adjusted EBITDA ratio of 1.3x. Debt issuance in local currency (debenture), in the amount of R$1 billion, at a CDI rate of +1.5% p.a., in which proceeds will be used to pay for the acquisition of MWM.
- **Approval of MWM acquisiton:** The General Superintendence of the Administrative Council for Economic Defense (SG/CADE) approved without restrictions the acquisition of MWM's assets and business. The closing of the deal is expected for the fourth quarter of 2022.

MESSAGE FROM MANAGEMENT

The results achieved in 3Q22 reflect our advances in operational efficiency and in capturing synergy, mitigating the effects of bottlenecks in our customers' supply chain. We reviewed our corporate structure, improved operational indicators, and reduced our fixed costs and administrative expenses. With this, we are also building an even more flexible production model to increase our level of competitiveness. We continue to advance with the integration process of the Aveiro and Betim plants, which contribute with the Company's entire efficiency, and the process of capturing synergies is going strictly according to plan. In this sense, we are making investments and applying working methods that will increase the efficiency and profitability of these plants as of 2023.

These management initiatives have been contributing with the increase in results. In the quarter, we recorded the highest levels of net revenue and adjusted EBITDA in the Company's history. Net income, in turn, reached R$192 million, also our highest historical level. These are indicators are significant, especially since we still had stoppages in customer production, and volumes were lower than their potential, and pre-pandemic levels – 3Q19 – due to bottlenecks at production chains, leading to the formation of backlogs. These factors, plus the need to renew fleet, will have a favorable impact on volumes, thus mitigating the adverse impacts from the rise in interest rates and inflation.

Our disciplined investment profile contributed to the rise in ROIC, which reached approximately 14% in 3Q22 (vs 12% in 3Q21), despite the increase in invested capital with the acquisition of new plants. Our debt is at very comfortable levels, with net debt at approximately 1.3x of LTM Adjusted EBITDA.

We significantly reduced the cash conversion cycle in relation to the previous quarter (2Q22), with the first half of the year marked by an increase in this indicator, mainly due to (i) the increase in sales volume and cost pass-through in previous quarters, reflecting the accounts receivable amounts and (ii) increase in inventories, caused by occasional stoppages of our customers. Among the several actions carried out by the Company, we highlight the temporary reduction in the activities of certain operations. Although this had an occasional impact on our margins due to the lower dilution of costs, it contributed to the generation of R$230 million in operating cash.

Aiming at obtaining funds to pay for the acquisition of MWM, announced in April of this year and subject to approval by the Brazilian antitrust entity (CADE), we issued a local market debt instrument (debentures) in the amount of R$ 1 billion, at a CDI rate of 1.5% p.a. The strong demand for these debentures demonstrates the capital markets' confidence in the Company's strategy and its ability to generate value.

New business

Tupy's plants are located in countries that have competitive costs and availability of energy. This combination allows us to offer new products and services. We also have a solid pipeline of foundry and machining projects that will help increase the Company's revenue and profitability in the coming years. We continue to advance with the integration process of the Aveiro and Betim plants, which contribute with the efficiency of the entire Company.

In addition to these initiatives, we envision many opportunities arising from the acquisition of MWM. With this move, our Company will be uniquely positioned in the industry, capable of offering complete solutions in casting, machining, assembly, technical validation, and associated engineering activities. The transaction also contributes with Tupy's penetration and new growth opportunities in low carbon economy sectors adjacent to our current model, such as the generator sets market, low carbon transport, and power generation in farms. In addition, we will advance in revenue diversification and increase our exposure to countercyclical sectors, such as spare parts, reinforcing our resilience to market fluctuations.

Tupy, which is increasingly focused on contributing to viable decarbonization, has invested in other fronts of its sustainability strategy. In recognition of our initiatives in environmental, social and corporate governance aspects, we had an important advancement in our ASG rating issued by Morningstar Sustainalytics: we are now classified as a “low risk” company.

All our actions have been leading us to the construction of a New Tupy: a larger, competitive, diversified and even more efficient company, with a unique positioning in the market and which dedicates its knowledge to meeting its customers’ needs and the challenges of society towards a sustainable development.

SUMMARIZED RESULTS

	Consolidated (R$ Thousand)					
SUMMARY	**3Q22**	**3Q21**	**Var. [%]**	**9M22**	**9M21**	**Var. [%]**
Revenues	**2,694,013**	**1,833,810**	**46.9%**	**7,587,326**	**5,023,518**	**51.0%**
Cost of goods sold	(2,158,931)	(1,489,915)	44.9%	(6,132,683)	(4,204,756)	45.9%
Gross Profit	**535,082**	**343,895**	**55.6%**	**1,454,643**	**818,762**	**77.7%**
% on Revenues	*19.9%*	*18.8%*		*19.2%*	*16.3%*	
Operating expenses	(258,644)	(126,619)	104.3%	(683,016)	(368,047)	85.6%
Other operating expenses	(57,715)	(26,669)	116.4%	(108,385)	(126,166)	-14.1%
Income before Financial Result	**218,723**	**190,607**	**14.8%**	**663,242**	**324,549**	**104.4%**
% on Revenues	*8.1%*	*10.4%*		*8.7%*	*6.5%*	
Net financial income (loss)	(9,959)	(1,236)		(101,839)	(116,411)	-12.5%
Income (Loss) before Tax Effects	**208,764**	**189,371**	**10.2%**	**561,403**	**208,138**	**169.7%**
% on Revenues	*7.7%*	*10.3%*		*7.4%*	*4.1%*	
Income tax and social contribution	(16,515)	(64,221)	-74.3%	(115,582)	(66,404)	74.1%
Net Income	**192,249**	**125,150**	**53.6%**	**445,821**	**141,734**	**214.5%**
% on Revenues	*7.1%*	*6.8%*		*5.9%*	*2.8%*	
EBITDA (CVM Inst. 527/12)	**300,512**	**276,323**	**8.8%**	**927,090**	**590,470**	**57.0%**
% on Revenues	*11.2%*	*15.1%*		*12.2%*	*11.8%*	
Adjusted EBITDA	**358,142**	**288,980**	**23.9%**	**1,017,361**	**673,770**	**51.0%**
% on Revenues	*13.3%*	*15.8%*		*13.4%*	*13.4%*	
Average exchange rate (R$/US$)	**5.25**	**5.23**	**0.3%**	**5.14**	**5.33**	**-3.7%**
Average exchange rate (R$/€)	5.28	6.16	-14.3%	5.46	6.38	-14.4%

PHYSICAL SALES VOLUME

	Consolidated (metric tons)					
	3Q22	3Q21	Var. [%]	9M22	9M21	Var. [%]
Domestic Market	**54,759**	**30,420**	**80.0%**	**156,731**	**85,382**	**83.6%**
Transportation, Infrastructure & Agriculture	51,838	27,033	91.8%	147,398	75,175	96.1%
Hydraulics	2,921	3,386	-13.7%	9,333	10,207	-8.6%
Foreign Market	**122,163**	**101,348**	**20.5%**	**367,191**	**302,496**	**21.4%**
Transportation, Infrastructure & Agriculture	118,483	98,180	20.7%	356,453	292,520	21.9%
Hydraulics	3,680	3,168	16.2%	10,738	9,974	7.7%
Total Physical Sales	**176,922**	**131,767**	**34.3%**	**523,922**	**387,876**	**35.1%**

Volumes have been recovering and increasing over the previous quarter (2Q22) and also in relation to the same period of the previous year (3Q21).

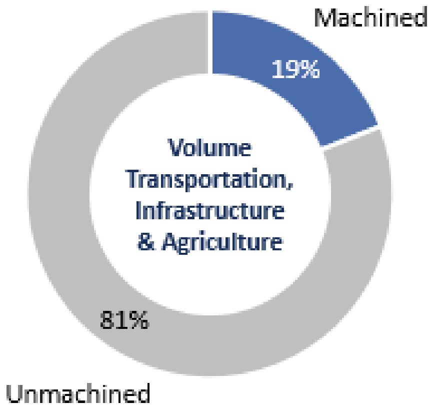
- Sales in the Transportation, Infrastructure & Agriculture segment increased by 92% in the domestic market, reflecting a greater share of products from the Betim plant aimed at this segment;
- The 21% growth in the foreign market was due to volumes from the Transportation, Infrastructure & Agriculture segment, arising from the demand for commercial vehicles and off-road equipment, in addition to volumes from the new plants;
- A 16% growth in foreign market volume in the Hydraulics segment due to higher demand in North America.

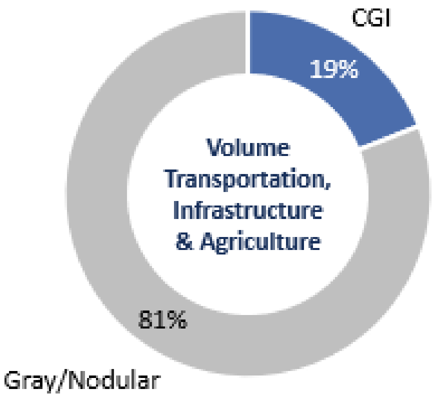
Despite the positive indicators and strong end-user demand, our customers were affected by supply chain restrictions, especially with the reduced supply of semiconductors. This phenomenon continues to cause operational interruptions at automakers, consequently reducing the volume of engine production, and impacting the Company's results, mainly for light commercial vehicles and trucks.

If, on one hand, these bottlenecks did not allow the production of capital goods to fully reflect the performance of the economy, on the other hand, pent-up demand and the need to replenish inventories will contribute with the rise in volumes as global chains normalize.

Share of CGI (Compacted Graphite Iron) and machined goods:

Partially or fully machined goods accounted for 19% of the portfolio of the Transportation, Infrastructure & Agriculture segment (25% excluding volumes from the Betim and Aveiro plants). In terms of product distribution, by type of material, CGI accounted for 19% of volume (25% excluding the new plants).





REVENUES

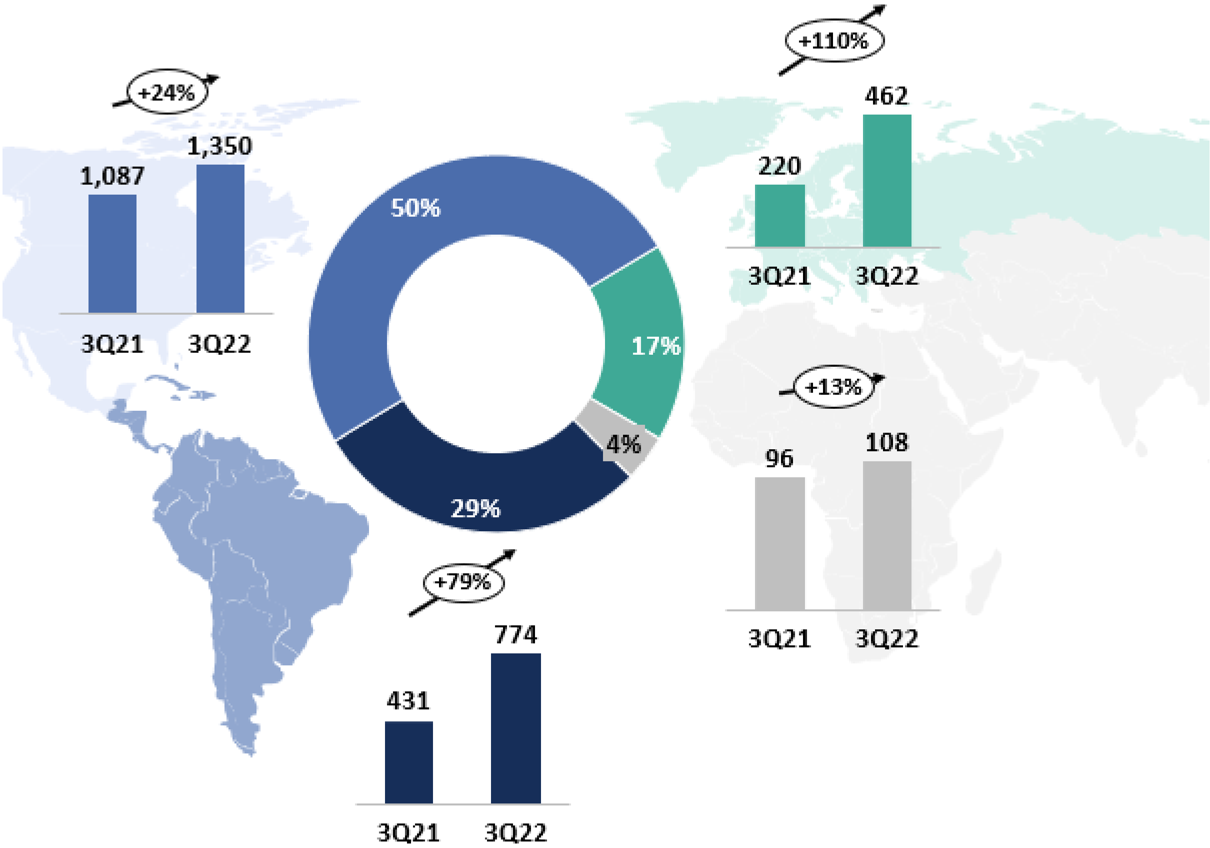
Compared to the same period of the previous year, revenues increased by 47%, with **revenue/kilo rising 9% over 3Q21**.

	Consolidated (R$ thousand)					
	3Q22	3Q21	Var. [%]	9M22	9M21	Var. [%]
Revenues	**2,694,013**	**1,833,810**	**46.9%**	**7,587,326**	**5,023,518**	**51.0%**
Domestic market	751,988	413,443	81.9%	2,024,476	1,043,046	94.1%
Share (%)	*27.9%*	*22.5%*		*26.7%*	*20.8%*	
Foreign market	1,942,025	1,420,367	36.7%	5,562,850	3,980,472	39.8%
Share (%)	*72.1%*	*77.5%*		*73.3%*	*79.2%*	
Revenues by segment	**2,694,013**	**1,833,810**	**46.9%**	**7,587,326**	**5,023,518**	**51.0%**
Transportation, Infrastructure & Agriculture	2,596,365	1,741,386	49.1%	7,308,017	4,781,228	52.8%
Share (%)	*96.4%*	*95.0%*		*96.3%*	*95.2%*	
Hydraulics	97,648	92,424	5.7%	279,309	242,290	15.3%
Share (%)	*3.6%*	*5.0%*		*3.7%*	*4.8%*	

Revenues by market and performance in the period

In 3Q22, 50% of revenues originated in North America. The South and Central Americas accounted for 29%, and Europe for 17% of the total. The remaining 4% came from Asia, Africa and Oceania, and the acquired plants contributed to a higher exposure to the Brazilian and European markets.

It is worth noting that multiple clients in the North America export their goods to other countries. Therefore, a substantial portion of sales to that region meets the global demand for engines, commercial vehicles, machinery, and off-road equipment.



Consolidated (R$ thousand)

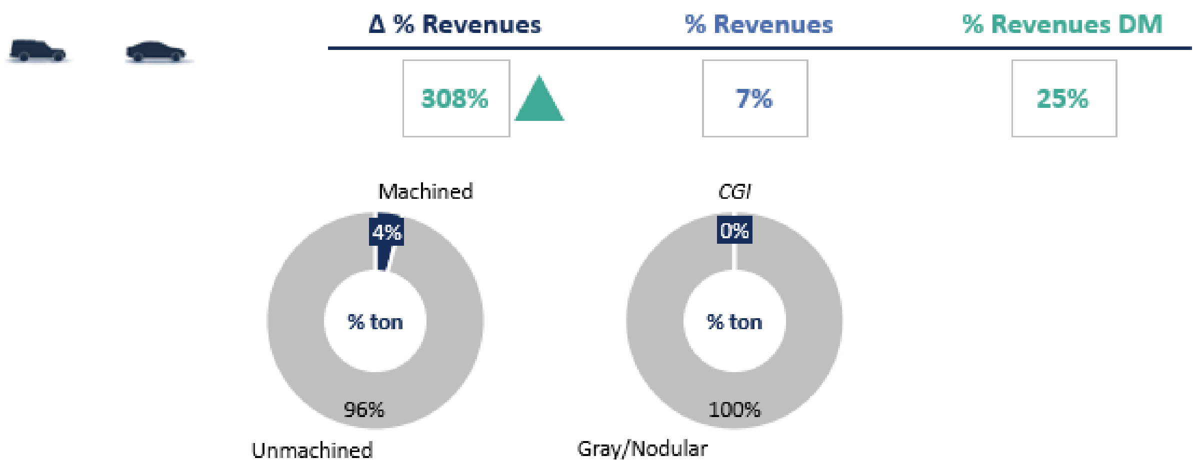
	3Q22	3Q21	Var. [%]	9M22	9M21	Var. [%]
Revenues	**2,694,013**	**1,833,810**	**46.9%**	**7,587,326**	**5,023,518**	**51.0%**
Domestic Market	**751,988**	**413,443**	**81.9%**	**2,024,476**	**1,043,046**	**94.1%**
Transportation, Infrastructure & Agriculture	**698,789**	**362,611**	**92.7%**	**1,865,338**	**908,878**	**105.2%**
Passenger cars	191,516	46,994	307.5%	552,089	119,668	361.4%
Commercial vehicles	397,598	254,853	56.0%	1,001,864	621,647	61.2%
Off-road	109,676	60,764	80.5%	311,385	167,563	85.8%
Hydraulics	**53,198**	**50,832**	**4.7%**	**159,138**	**134,168**	**18.6%**
Foreign Market	**1,942,025**	**1,420,367**	**36.7%**	**5,562,850**	**3,980,472**	**39.8%**
Transportation, Infrastructure & Agriculture	**1,897,576**	**1,378,775**	**37.6%**	**5,442,679**	**3,872,349**	**40.6%**
Passenger cars	109,535	61,248	78.8%	350,368	185,200	89.2%
Light commercial vehicles	697,018	544,444	28.0%	1,979,172	1,580,649	25.2%
Medium and heavy commercial vehicles	461,783	334,084	38.2%	1,375,784	956,380	43.9%
Off-road	629,240	438,999	43.3%	1,737,355	1,150,120	51.1%
Hydraulics	**44,449**	**41,592**	**6.9%**	**120,171**	**108,123**	**11.1%**

Note: The division among applications considers our best assumption for cases in which the same product is in two applications.

Revenues for the period were impacted by the factors mentioned in the sections below.

DOMESTIC MARKET (DM)

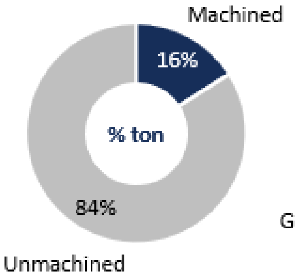
Passenger cars

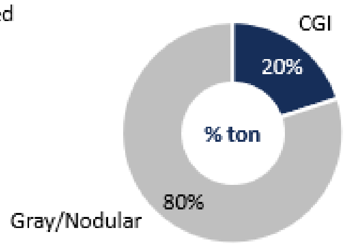


Revenues from the Light Vehicle segment were impacted with the rise in production in the Brazilian market and higher representativeness of the Betim operation in the segment.

Commercial vehicles

Δ % Revenues	% Revenues	% Revenues DM
56% ▲	15%	53%

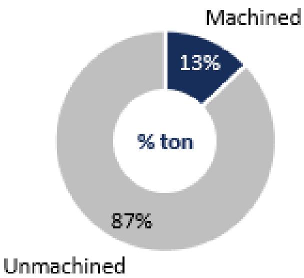


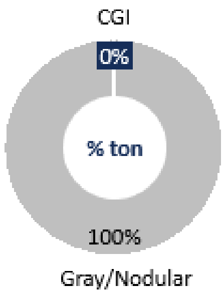


Revenues from the Commercial Vehicles segment increased versus the same period of the previous year, mainly impacted with volumes from the Betim plant, despite the stoppage of vehicle manufacturers due to the lack of semiconductors and other components.

Off-road

Δ % Revenues	% Revenues	% Revenues DM
80% ▲	4%	15%

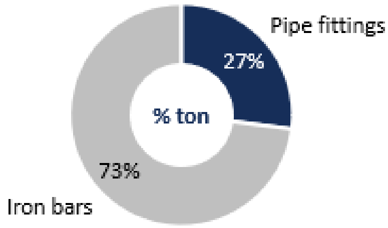




Tupy's revenues from machinery and off-highway vehicles were impacted by increased demand in the domestic market for these applications, in addition to the contribution from the Betim plant in this segment.

Hydraulics

Δ % Revenues	% Revenues	% Revenues DM
5% ▲	2%	7%

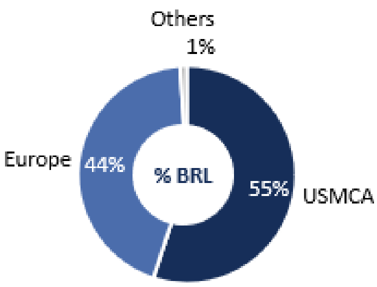


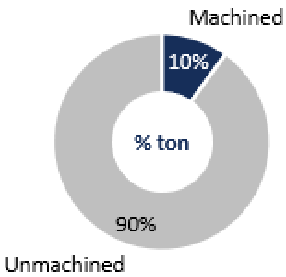
Revenues from sales in the Hydraulics segment rose by 5% over the third quarter of 2021, and drops in volumes were offset by price readjustments.

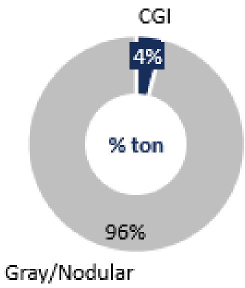
FOREIGN MARKET (EM)

Passenger cars

Δ % Revenues	% Revenues	% Revenues FM
79% ▲	4%	6%

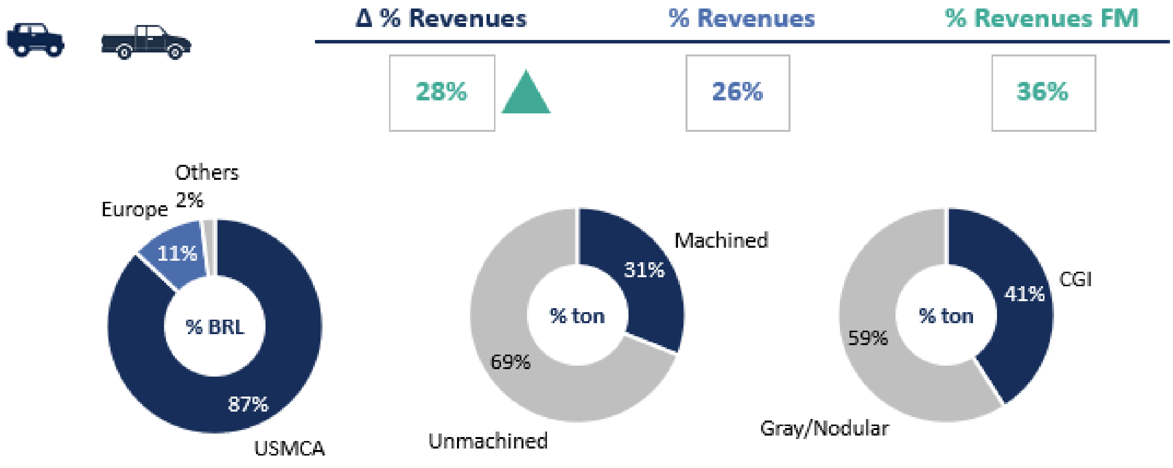






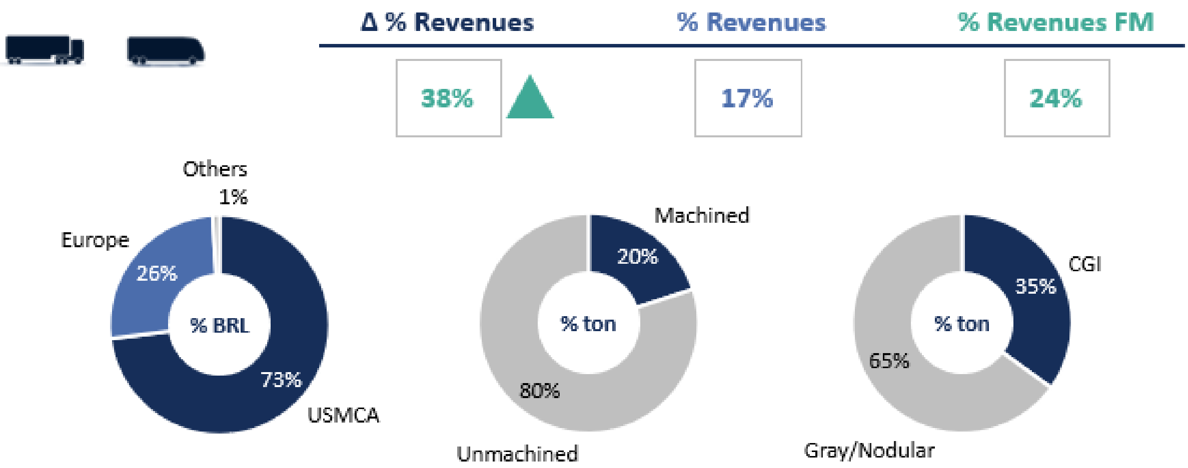
Despite stoppages at our customers' plants due to lack of semiconductors and maintenance, which impacted volumes, this segment's revenues grew with the additional volumes from the Portugal operation, in addition to ramp-up of products.

Light commercial vehicles



Production for the Light Commercial Vehicles segment was positively impacted by the growth in demand for this type of application, representing more than 79% of sales in the light commercial vehicles segment in the North American market (*vs* 76% in the same period of the previous year). However, customers continue to be affected by disruptions in supply chains for semiconductors and other inputs.

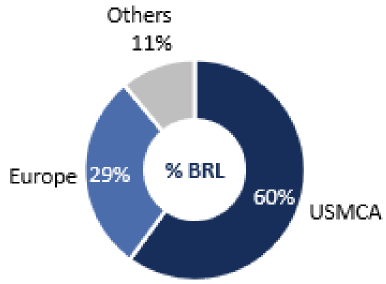
Medium and heavy commercial vehicles

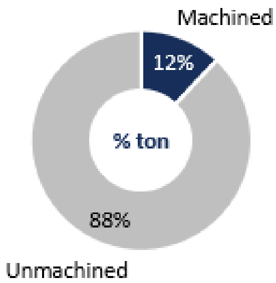


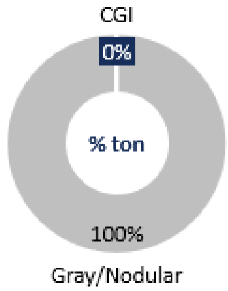
Despite the shortage of semiconductors, revenues from medium and heavy commercial vehicles increased due to the growth in demand in several markets and ramp up of products, in addition to volumes from the acquired plants.

Off-road

Δ % Revenues	% Revenues	% Revenues FM
43% ▲	23%	32%



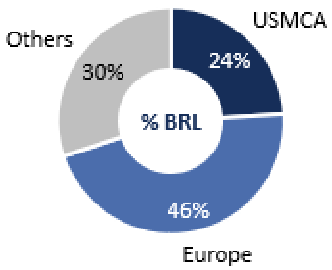


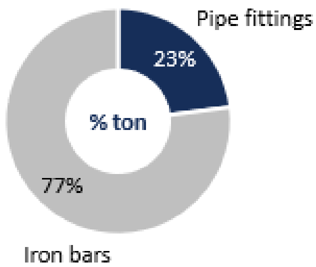


In 3Q22, sales for off-road applications were impacted by the ramp-up of products and the increase in demand for machinery and equipment, in addition to the recomposition of inventories.

Hydraulics

Δ % Revenues	% Revenues	% Revenues FM
7% ▲	2%	2%





During the third quarter of 2022, net revenues from the Hydraulics segment increased by 7%, due to a higher demand in the North American market and price readjustments.

COST OF GOODS SOLD AND OPERATING EXPENSES

The cost of goods sold (COGS) totaled R$2,159 million in 3Q22.

Raw material costs and freight expenses remained at elevated levels, due to supply chain disruptions. These effects were mitigated by several management initiatives we implemented since last year, in addition to gains from productivity and synergies captured from the new operations.

During the quarter, we carried out occasional and scheduled stoppages in our operations to reduce inventories, resulting in a positive effect on working capital and operating cash generation. These stoppages also caused a drop in produced volumes, leading to lower dilution of costs and impacting several COGS lines.

			Consolidated (R$ thousand)			
	3Q22	3Q21	Var. [%]	9M22	9M21	Var. [%]
Revenues	**2,694,013**	**1,833,810**	**46.9%**	**7,587,326**	**5,023,518**	**51.0%**
Cost of goods sold	**(2,158,931)**	**(1,489,915)**	**44.9%**	**(6,132,683)**	**(4,204,756)**	**45.9%**
Raw material	(1,315,586)	(911,585)	44.3%	(3,702,201)	(2,504,572)	47.8%
Labor, profit sharing, and social benefits	(456,825)	(312,132)	46.4%	(1,316,161)	(902,366)	45.9%
Maintenance supplies	(142,680)	(98,916)	44.2%	(416,308)	(282,237)	47.5%
Energy	(136,062)	(80,422)	69.2%	(385,154)	(233,557)	64.9%
Depreciation	(77,752)	(68,557)	13.4%	(234,069)	(213,527)	9.6%
Other	(30,026)	(18,303)	64.1%	(78,791)	(68,497)	15.0%
Gross profit	**535,082**	**343,895**	**55.6%**	**1,454,643**	**818,762**	**77.7%**
% on Revenues	*19.9%*	*18.8%*		*19.2%*	*16.3%*	
Operating expenses	**(258,644)**	**(126,619)**	**104.3%**	**(683,016)**	**(368,047)**	**85.6%**
% on Revenues	*9.6%*	*6.9%*		*9.0%*	*-7.3%*	

Besides the impact in the **annual comparison with the addition of the Betim and Aveiro plants**, costs for the period were affected by the following factors:

- Increases in raw material cost, mainly due to inflation for these materials in the last 12 months. The substantial increase in costs, reflects the global economic recovery and bottlenecks in the production chain, impacting prices and availability of materials. These effects were partially offset by synergies among the operations, as well as several initiatives aimed at optimizing and substituting the use of materials, and the renegotiation of contracts with suppliers;

- Labor costs were impacted mainly by the annual pay rise negotiation, as well as overtime;

- Increase in the maintenance and third-party services account due to the impact of inflation and higher production volume in the period;

- Increase in energy expenses, mainly due to higher production volumes and the rise in distribution tariffs compared to 3Q21;
- The increase of 13% in depreciation costs was mainly due to the addition of assets originated from the acquisitions of the Aveiro and Betim plants;
- The R$12 million increase in other operational costs includes product and material handling, rents, health and safety, among other items.

Operating expenses, including selling and administrative expenses, reached R$259 million. In addition to the growth in volume, the result was mainly impacted by the significant rise in freight expenses, which are passed-through according to contractual clauses, as well as the annual pay rise negotiation.

OTHER OPERATING INCOME (EXPENSES)

Other net operational expenses came in as an expense of R$58 million in 3Q22, compared to an expense of R$27 million in 2Q21.

	Consolidated (R$ thousand)					
	3T22	3T21	Var. [%]	9M22	9M21	Var. [%]
Depreciation of non-operating assets	(85)	(154)	-44.8%	(330)	(469)	-29.6%
Amortization of intangible assets	-	(13,858)	-	(17,784)	(42,397)	-58.1%
Other	(57,630)	(12,657)	355.3%	(90,271)	(83,300)	8.4%
Other operating expenses	**(57,715)**	**(26,669)**	**116.4%**	**(108,385)**	**(126,166)**	**-14.1%**

In May 2022, the amortization ended for intangible assets originating from the acquisition of the Mexican subsidiaries, in 2012.

The “Others" account is comprised by (i) expenses referring to the write-off of tax credits related to the Reintegra benefit, in the amount of R$53 million; (ii) expenses in the constitution and updating of provisions, in the amount of R$11 million, and (iii) revenue from the sale of unusable assets, in the amount of R$6 million.

The Company recognized credits arising from the benefit to exporting companies (Reintegra), applied to non-exempt tax residue in the production chain under current legislation. Considering reports from external audit firm that prove their existence, the Company recognized credits in 2019 (for the periods of 2015 to 2018) and in 2020, a non-cash effect.

Considering the recent unfavorable decisions by the Federal Supreme Court (STF) in similar cases, it is understood that the registered asset becomes contingent, written-off against Other Operating Income (Expenses).

NET FINANCIAL INCOME (LOSS)

Net Financial Result came in as an expense of R$10 million, against an expense of R$1 million in 3Q21.

	Consolidated (R$ thousand)					
	3Q22	3Q21	Var. [%]	9M22	9M21	Var. [%]
Financial expenses	(52,499)	(35,093)	49.6%	(139,813)	(159,498)	-12.3%
Financial income	22,741	7,692	195.6%	52,902	37,679	40.4%
Net monetary and exchange rate variations	19,799	26,165	-24.3%	(14,928)	5,408	-
Net Financial Result	**(9,959)**	**(1,236)**	705.7%	**(101,839)**	**(116,411)**	-12.5%

The increase in financial expenses in 3Q22 *vs* 3Q21 was mainly due to the rise in gross debt, referring to the liabilities assumed with the acquisition of the Betim and Aveiro operations, the debentures issue of R$ 1 billion, which will be used to pay for the acquisition of MWM, and the rise in the SELIC rate, which directly impacts the interests on loans in Brazilian reais.

Financial income reached R$23 million in the period. The increase was due to higher cash balance in Brazilian reais and the interest rates that remunerate financial investments *vs* 3Q21.

Income from net monetary and exchange variations totaled R$20 million and was comprised by (i) a positive variation in the balance sheet accounts in foreign currency, in the amount of R$18 million, resulting from the depreciation of the Brazilian real during the quarter, a non-cash effect, and (ii) the result of mark-to-market of hedge operations, corresponding to an income of R$2 million in the period, with a positive cash effect of R$1 million in the settled operations.

EARNINGS BEFORE TAXES AND NET INCOME

The Company's Net Income was R$192 million, due to the growth in operating income, the reduction in depreciation of intangible assets, and the tax benefit on payment of Interest on Equity (IOE).

	3Q22	3Q21	Var. [%]	9M22	9M21	Var. [%]
Income (Loss) before Tax Effects	**208,764**	**189,371**	**10.2%**	**561,403**	**208,138**	**169.7%**
Tax effects before currency impacts	(16,965)	(51,938)	-67.3%	(133,759)	(61,796)	116.5%
Income (loss) before exchange rate effects on the tax base	**191,799**	**137,433**	**39.6%**	**427,644**	**146,342**	**192.2%**
Currency effects on the tax base	450	(12,283)	-	18,177	(4,608)	-
Net Income	**192,249**	**125,150**	**53.6%**	**445,821**	**141,734**	**214.5%**

The tax bases of the assets and liabilities of companies located in Mexico, where the functional currency is the U.S. dollar, are held in Mexican pesos at their historical values. Fluctuations in exchange rates affect the tax bases and, consequently, the currency effects are recorded as deferred income tax revenues and/or expenses. In 3Q22, a revenue of R$0.5 million was recorded, with non-cash effect (vs an expense of R$12 million in 3Q21).

EBITDA

The combination of the aforementioned factors resulted in CVM EBITDA of R$301 million. EBITDA adjusted for tax credits, the constitution/update of provisions and sale of property, plant and equipment reached R$358 million, with a margin of 13.3%.

	Consolidated (R$ thousand)					
RECONCILIATION OF NET INCOME WITH EBITDA	3Q22	3Q21	Var. [%]	9M22	9M21	Var. [%]
Net Income for the Period	**192,249**	**125,150**	**53.6%**	**445,821**	**141,734**	**214.5%**
(+) Net Financial Result	9,959	1,236	705.7%	101,839	116,411	-12.5%
(+) Income Tax and Social Contribution	16,515	64,221	-74.3%	115,582	66,404	74.1%
(+) Depreciation and Amortization	81,789	85,716	-4.6%	263,848	265,921	-0.8%
EBITDA (according to CVM Instruction 527/12)	**300,512**	**276,323**	**8.8%**	**927,090**	**590,470**	**57.0%**
% of revenues	*11.2%*	*15.1%*		*12.2%*	*11.8%*	
(+) Other net operating expenses, net*	57,630	12,657	355.3%	90,271	83,300	8.4%
Adjusted EBITDA	**358,142**	**288,980**	**23.9%**	**1,017,361**	**673,770**	**51.0%**
% of revenues	13.3%	15.8%		13.4%	13.4%	

The adjustments made to EBITDA are to offset the effects from items less related to the business, that are non-recurring, or that have a non-cash effect. These expenses totaled R$58 million in 3Q22 and refer to (i) expenses due to the write-off of tax credits, related to the Reintegra benefit, in the amount of R$53 million; (ii) expenses for the constitution/updating of provisions, in the amount of R$11 million, and (iii) revenue from the sale of unusable assets, in the amount of R$6 million.

The Company recognized credits arising from the benefit to exporting companies (Reintegra), applied to non-exempt tax residue in the production chain under current legislation. Considering reports from an external audit firm that prove its existence, the Company recognized credits in 2019 (for the periods of 2015 to 2018) and in 2020, a non-cash effect.

Considering the recent unfavorable decisions by the Federal Supreme Court (STF) in similar cases, it is understood that the registered asset becomes contingent, written-off against Other Operating Income (Expenses). **Excluding this effect, the CVM EBITDA totaled R$353.3 million, with a margin of 13.1%.**

During the quarter, we carried out occasional and scheduled stoppages in our operations to reduce inventories, resulting in a positive effect on working capital and operating cash generation. **Despite the positive impact on working capital and operating cash generation, the reduction in volumes resulting from these adjustments impacted the EBITDA margin in the period, due to lower cost dilution.**

In addition to the new plants, which still operate with lower margins, the comparison against 3Q21 was also affected by the pass-through of relevant costs in that period, related to the strong increase in costs in the first half of 2021, as well as contractual negotiations. Despite these factors, the Company recorded its highest historical Adjusted EBITDA, demonstrating the resilience of our business model and the gains in operating efficiency. **In turn, the synergies captured with the new operations, acquired in October 2021, are absolutely in line with our business plan.**

In this sense, we are making investments and applying working methods that will increase the efficiency and profitability of these plants as of 2023.

INVESTMENTS IN PROPERTY, PLANT AND EQUIPMENT AND INTANGIBLE ASSETS

Investments in property, plant, and equipment and intangible assets totaled R$106 million in 3Q22, compared to R$62 million in 3Q21, with the comparison base affected by the entry of the Aveiro and Betim operations.

	Consolidated (R$ thousand)					
	3Q22	3Q21	Var. [%]	9M22	9M21	Var. [%]
Property, Plant, and Equipment						
Strategic investments	47,617	24,291	96.0%	82,390	60,229	36.8%
Maintenance and renovation of operating capacity	40,901	30,623	33.6%	112,410	59,575	88.7%
Environment	7,183	1,859	286.3%	15,336	8,645	77.4%
Interest and financial charges	1,643	739	122.3%	4,350	1,542	182.1%
Intangible assets						
Software	6,877	3,328	106.6%	15,397	7,958	93.5%
Projects under development	1,399	996	40.5%	2,443	2,810	-13.1%
Total	**105,620**	**61,836**	**70.8%**	**232,326**	**140,759**	**65.1%**
% on Revenues	*3.9%*	*3.4%*		*3.1%*	*2.8%*	

The amounts refer mainly to new foundry and machining programs, increase in operating efficiency, the capturing of synergies, and the implementation of a new ERP (Enterprise Resource Planning) system in Mexico, in addition to initiatives related to safety and the environment.

WORKING CAPITAL

	Consolidated (R$ thousand)				
	3T22	2Q22	1Q22	4Q21	3Q21
Balance sheet					
Accounts receivable	1,994,902	2,046,607	1,511,386	1,251,097	1,203,582
Inventories	1,589,339	1,706,324	1,347,450	1,487,934	997,192
Accounts payable	1,266,979	1,523,747	1,086,964	1,239,828	838,137
Sales outstanding [days]	63	82	65	58	70
Inventories [days]	62	83	68	81	69
Payables outstanding [days]	50	72	55	63	57
Cash conversion cycle [days]	**75**	**93**	**78**	**76**	**82**

There was a 18-days reduction in the cash conversion cycle compared to 2Q22, impacted by many initiatives carried out by the Company. The main lines presented the following variations:

- Average receivable period reduced by 19 days of sales. This reduction was mainly due to the receipt, according to contractual terms, of amounts recognized in previous quarters, and the correction of delays in customer communication and billing with the implementation of a new ERP in Mexico;

- Inventories decreased by R$117 million, representing 21 days in relation to Cost of Goods Sold. The reduction is due to, among other actions implemented by the Company, the scheduled production stoppages to adjust inventories of products being produced and raw materials;

- Reduction of R$257 million in the Accounts Payable line, due to, among other factors, the settlements linked to the implementation of the ERP in Mexico and lower purchase volume of materials, aimed at reducing inventories.

CASH FLOW

	Consolidated (R$ thousand)					
CASH FLOW SUMMARY	**3Q22**	**3Q21**	**Var. [%]**	**9M22**	**9M21**	**Var. [%]**
Cash and cash equivalents at the beginning of the period	**838,441**	**1,265,877**	**-33.8%**	**1,272,445**	**1,425,113**	**-10.7%**
Cash from operating activities	229,601	(29,316)	-	(24,518)	23,631	-
Cash used in investing activities	(103,917)	(61,375)	69.3%	(227,061)	(146,614)	54.9%
Cash provided by (used in) financing activities	995,041	(144,180)	-	962,494	(270,768)	-
Currency effect on the cash for the year	8,875	60,717	-85.4%	(15,319)	60,361	-
Decrease in cash and cash equivalents	**1,129,600**	**(174,154)**	**-**	**695,596**	**(333,390)**	**-**
Cash and cash equivalents at the end of the period	**1,968,041**	**1,091,723**	**80.3%**	**1,968,041**	**1,091,723**	**80.3%**

The Company registered an operating cash generation of R$230 million, compared to a cash consumption of R$29 million in 3Q21. This result was due to the positive variation in working capital compared to the previous quarter (2Q22).

In terms of investment activities, we consumed R$104 million in 3Q22, 69% higher than in the same period of the previous year, due to additions to property, plant, and equipment and intangible assets related to programs and projects for new products, information technology systems, machining, safety, and the environment.

In terms of financing activities, we generated R$995 million in 3Q22, resulting from the conclusion of the 4th debentures issue, in the amount of R$1 billion, and net amortization of other financing, in the amount of R$13 million. The comparison was affected by the amortization of debts in local currency, in the amount of R$120 million in 3Q21, arising from loans made in 1Q20 (start of the COVID-19 pandemic).

The combination of these factors, and the exchange rate variation on cash, which had a positive effect of R$9 million, increased our cash and cash equivalent balance by R$1,130 million in the period. Therefore, we ended the third quarter of 2022 with a cash balance of R$1,968 million.

INDEBTEDNESS

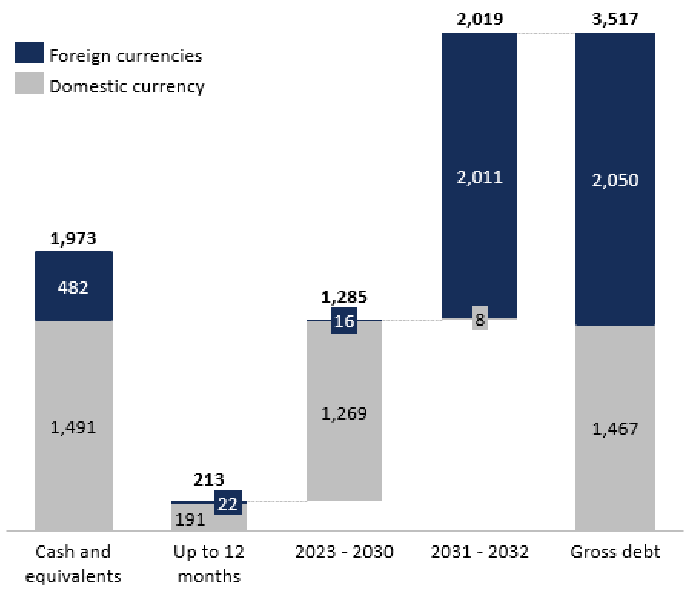
The Company ended 3Q22 with net debt of R$1.5 billion, corresponding to a **net debt/LTM Adjusted EBITDA ratio of 1.27x.**

On September 2022, we issued a debt instrument in local currency (debenture), in the amount of R$1 billion (net amount of R$994 million after fees), which will be used to pay for the acquisition of MWM. The cost of debt is CDI +1.5% p.a., with semi-annual interest payments and amortization in two installments (September 2026 and 2027).

Liabilities in foreign currency accounted for 58% of the total amount (1% short-term and 99% long-term debt), while 42% of total debt was denominated in Brazilian reais (13% short-term and 87% long-term debt). As for the Company's cash balance, 76% of the total amount is denominated in Brazilian reais and 24% in foreign currency.

	Consolidated (R$ thousand)				
INDEBTEDNESS	**3Q22**	**2Q22**	**1Q22**	**4Q21**	**3Q21**
Short term	213,008	188,354	241,374	508,889	39,370
Financing and loans	209,723	184,673	241,374	507,486	35,204
Derivative financial instruments	3,285	3,681	-	1,403	4,166
Long term	3,304,338	2,292,076	2,107,347	2,103,738	2,042,549
Gross debt	**3,517,346**	**2,480,430**	**2,348,721**	**2,612,627**	**2,081,919**
Cash and cash equivalents	1,968,041	838,441	952,897	1,272,445	1,091,723
Derivative financial instruments	5,350	4,639	27,129	678	241
Net debt	**1,543,955**	**1,637,350**	**1,368,695**	**1,339,504**	**989,955**
Gross debt/Adjusted EBITDA	2.88x	2.15x	2.37x	2.98x	2.42x
Net debt/Adjusted EBITDA	**1.27x**	**1.42x**	**1.38x**	**1.53x**	**1.15x**

The Company's debt profile is as follows:



Cash and cash equivalents includes derivatives instruments. All amounts in R$ million.

CADE APPROVAL – ACQUISITION OF MWM

In a Material Fact released on October 26, the Company announced that the General Superintendence of Administrative Council for Economic Defense (SG/CADE) approved, without restrictions, the acquisition comprehending 100% of the assets and businesses of International Indústria Automotiva da América do Sul ("MWM"). The referred decision is still subject to review by the CADE's Tribunal (within 15 days) by adjudication, and, should no application be ordered by one of Tribunal's members within such period, the decision shall become final. The Company expects that the transaction will be concluded in the fourth quarter of 2022, provided that: (i) the aforementioned decision becomes final; and (ii) other conditions precedent to the closing foreseen in the respective Share Purchase Agreement are met.

PAYMENT OF INTEREST ON EQUITY (IOE)

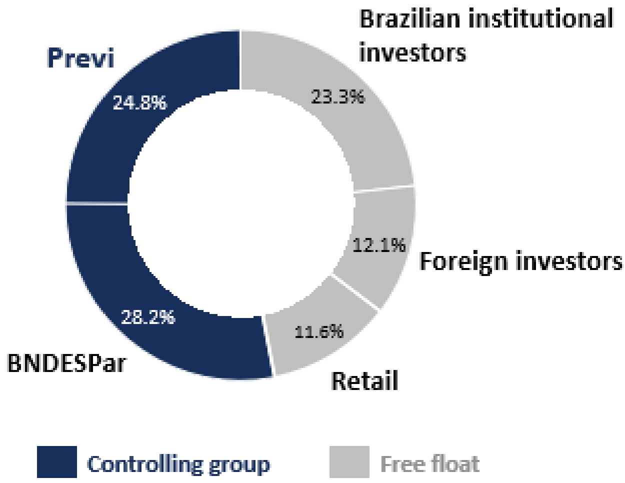
On September 30, the Board of Directors' Meeting approved the payment of interest on equity, in the amount of R$32.4 million to its shareholders (gross amount), which was paid on November 10, 2022 to shareholders who were registered in the Company's shareholder base on October 31, 2022.

UPGRADE IN ASG RATING

Tupy's ESG rating (comprising environmental, social and corporate governance aspects) was upgraded from "Medium Risk" to "Low Risk" by the agency Morningstar Sustainalytics. This is an important recognition of the improvements in the practices adopted by the Company.

OWNERSHIP STRUCTURE

Tupy's ownership structure as of September 30, 2022, was as follows:



STATEMENT FROM THE BOARD OF EXECUTIVE OFFICERS

In compliance with the provisions established under Article 25 of CVM Instruction 480, of December 7, 2009, the Board of Executive Officers of Tupy S.A. declares that it has reviewed, discussed and agreed with the opinion presented in the Independent Auditor's Report on the Interim Financial Information, issued on this date, and with the Interim Financial Information of September 30, 2022.

Attachment I – Commercial vehicle production and sales in Brazil

	3Q22	3Q21	Var. (%)	2Q22	Var. (%)
Production					
Trucks					
Semi-light	329	567	-42.0%	459	-28.3%
Light	5,103	7,114	-28.3%	4,413	15.6%
Mdium	2,447	2,232	9.6%	1,852	32.1%
Semi-heavy	13,930	12,772	9.1%	12,202	14.2%
Heavy	23,094	20,895	10.5%	18,463	25.1%
Total trucks	**44,903**	**43,580**	**3.0%**	**37,389**	**20.1%**
Buses	10,493	4,241	37.5%	7,629	37.5%
Commercial Vehicles	**55,396**	**47,821**	**18.4%**	**45,018**	**23.1%**
Sales					
Trucks					
Semi-light	2,377	2,235	6.4%	1,746	36.1%
Light	3,000	3,551	-15.5%	2,682	11.9%
Medium	2,454	3,310	-25.9%	2,847	-13.8%
Semi-heavy	9,118	9,131	-0.1%	8,092	12.7%
Heavy	18,608	18,327	1.5%	15,386	20.9%
Total trucks	**35,557**	**36,554**	**-2.7%**	**30,753**	**15.6%**
Buses	4,595	3,400	35.1%	3,987	15.2%
Commercial Vehicles	**40,152**	**39,954**	**0.5%**	**34,740**	**15.6%**
Export					
Trucks					
Semi-light	98	247	-60.3%	344	-71.5%
Light	778	872	-10.8%	746	4.3%
Mdium	274	282	-2.8%	198	38.4%
Semi-heavy	1,892	1,503	25.9%	1,432	32.1%
Heavy	3,797	3,024	25.6%	3,733	1.7%
Total trucks	**6,839**	**5,928**	**15.4%**	**6,453**	**6.0%**
Buses	1,815	961	88.9%	1,177	54.2%
Commercial Vehicles	**8,654**	**6,889**	**25.6%**	**7,630**	**13.4%**

Source: ANFAVEA

Attachment II – Production and sales of light and commercial vehicles in foreign markets

	3Q22	3Q21	Var. (%)	2Q22	Var. (%)
North America					
Production					
Passenger cars	685,299	584,522	17.2%	699,641	-2.0%
Light commercial vehicles – Class 1-3	2,555,860	2,412,430	5.9%	2,616,405	-2.3%
% Light commercial vehicles	**78.9%**	**80.5 %**		**78.9%**	
Light Duty – Class 4-5	26,884	26,191	2.6%	21,920	22.6%
Medium Duty – Class 6-7	32,295	22,119	46.0%	32,661	-1.1%
Medium Duty – Class 8	85,154	58,712	45.0%	78,632	8.3%
Medium & Heavy Duty	**144,333**	**107,022**	**34.9%**	**133,213**	**8.3%**
United States					
Sales					
Passenger cars	721,273	778,871	-7.4%	760,428	-5.1%
Light commercial vehicles – Class 1-3	2,683,377	2,636,013	1.8%	2,753,739	-2.6%
% Light commercial vehicles	**78.8%**	**77.2%**		**78.4%**	
Light Duty – Class 4-5	30,813	33,179	-7.1%	22,402	37.5%
Medium Duty – Class 6-7	27,974	24,839	12.6%	28,307	-1.2%
Medium Duty – Class 8	67,071	52,155	28.6%	62,131	8.0%
Medium & Heavy Duty	**125,858**	**110,173**	**14.2%**	**112,840**	**11.5%**
Europe					
Sales					
Passenger cars	2,176,387	2,164,756	0.5%	2,362,562	-7.9%

Source: Automotive News; Bloomberg; ACEA

Attachment III – Production and sales of agricultural machinery in global markets

	(Unidades)				
	3Q22	3Q21	Var. (%)	2Q22	Var. (%)
Sales					
Americas					
United States and Canada	77,645	89,728	-13.5%	97,795	-20.6%
Europe					
United Kingdom	13,764	13,854	-0.6%	14,582	-5.6%

Source*:* ANFAVEA; Bloomberg; AEM

(A free translation of the original in Portuguese)

TUPY S.A. AND SUBSIDIARIES

BALANCE SHEETS AT SEPTEMBER 30, 2022 AND DECEMBER 31, 2021
(All amounts in thousands of reais)

A S S E T S

		Parent company		Consolidated	
	Note	9/30/22	12/31/21	9/30/22	12/31/21
CURRENT ASSETS					
Cash and cash equivalents	3	1,471,775	712,364	1,968,041	1,272,445
Derivative financial instruments	32	1,850	386	5,350	678
Trade account receivables	4	1,092,474	684,487	1,994,902	1,251,097
Inventories	5	500,863	436,420	1,589,339	1,487,934
Tooling	6	70,526	59,192	149,266	141,703
Income tax and social contribution recoverable	7	10,066	56,084	38,932	108,334
Other taxes recoverable	8	66,056	100,320	166,118	214,887
Other assets	10	58,538	59,162	165,827	106,869
Total current assets		3,272,148	2,108,415	6,077,775	4,583,947
NON-CURRENT ASSETS					
Income tax and social contribution recoverable	7	28,647	18,245	28,647	18,245
Other taxes recoverable	8	16,901	80,980	85,687	85,115
Deferred income tax and social contribution	9	297,121	307,452	558,008	533,900
Related parties		-	125,198	-	-
Judicial deposits and other		6,729	11,985	8,264	13,350
Investments in equity instruments		2,868	2,097	13,262	12,434
Investments properties		-	-	5,694	5,716
Investments	12	2,827,031	2,402,961	-	-
Property, plant and equipment	13	671,104	633,824	2,078,287	2,132,529
Intangible assets	14	45,063	48,606	112,599	125,392
Total non-current assets		3,895,464	3,631,348	2,890,448	2,926,681
Total assets		7,167,612	5,739,763	8,968,223	7,510,628

(A free translation of the original in Portuguese)

TUPY S.A. AND SUBSIDIARIES

BALANCE SHEETS AT SEPTEMBER 30, 2022 AND DECEMBER 31, 2021

(All amounts in thousands of reais)

L I A B I L I T I E S

		Parent company		Consolidated	
	Note	9/30/22	12/31/21	9/30/22	12/31/21
CURRENT LIABILITIES					
Trade accounts payables	15	557,260	502,076	1,266,979	1,239,828
Loans and financing	16	32,125	69,161	200,040	507,486
Debentures	17	9,683	-	9,683	-
Derivative financial instruments	33	3,069	1,220	3,285	1,403
Other taxes payable	18	21,580	8,181	183,968	72,443
Salaries, social security charges and profit sharing	19	213,991	149,881	370,879	271,469
Advances from customers	22	23,046	24,359	98,603	125,821
Related parties	11	6,624	5,086	-	-
Dividends and interest on shareholders' equity		32,565	22,312	32,565	22,312
Provision for tax, civil, social security and labor proceedings	20	29,712	34,064	29,712	34,064
Other liabilities	23	56,723	67,412	89,727	118,276
Total current liabilities		986,378	883,752	2,285,441	2,393,102
NON-CURRENT LIABILITIES					
Loans and financing	16	1,925,197	1,950,540	2,310,853	2,103,738
Debentures	17	993,485	-	993,485	-
Provision for tax, civil, social security and labor proceedings	20	152,226	149,895	192,158	183,144
Retirement benefit obligations	21	-	-	80,127	72,803
Other long term liabilities		3,032	3,032	3,880	4,627
Total non-current liabilities		3,073,940	2,103,467	3,580,503	2,364,312
EQUITY					
Share capital	24	1,060,301	1,060,301	1,060,301	1,060,301
Share issuance costs		(6,541)	(6,541)	(6,541)	(6,541)
Share-based payments		8,245	8,680	8,245	8,680
Treasury shares		(1,120)	(5)	(1,120)	(5)
Carrying value adjustments		828,300	897,489	828,300	897,489
Income reserves		760,207	792,620	760,207	792,620
Retained earnings		457,902	-	457,902	-
Non-controlling interest		-	-	(5,015)	670
Total equity		3,107,294	2,752,544	3,102,279	2,753,214
Total liabilities and equity		7,167,612	5,739,763	8,968,223	7,510,628

(A free translation of the original in Portuguese)

TUPY S.A. AND SUBSIDIARIES

STATEMENTS OF INCOME
PERIOD ENDED SEPTEMBER 30, 2022 AND 2021
(All amounts in thousands of reais, except earnings per share)

		Parent company		Consolidated	
	Note	9/30/22	9/30/21	9/30/22	9/30/21
NET REVENUE	25	3,683,390	2,897,433	7,587,326	5,023,518
Cost of products sold	26	(2,854,883)	(2,295,076)	(6,132,683)	(4,204,756)
GROSS PROFIT		828,507	602,357	1,454,643	818,762
Selling expenses	26	(265,601)	(93,270)	(455,722)	(190,394)
Administrative expenses	26	(150,388)	(132,520)	(227,294)	(177,653)
Management fees	11	-	-	-	-
Other operating expenses, net	28	(87,527)	(84,381)	(108,385)	(126,166)
Share of results of subsidiaries	12	225,529	(15,435)	-	-
PROFIT BEFORE FINANCE RESULTS AND TAXES		550,520	276,751	663,242	324,549
Finance costs	27	(107,280)	(120,004)	(139,813)	(159,498)
Finance income	27	51,157	36,651	52,902	37,679
Monetary and foreign exchange variations, net	27	12,696	9,357	(14,928)	5,408
PROFIT BEFORE TAXATION		507,093	202,755	561,403	208,138
Income tax and social contribution	29	(55,422)	(61,021)	(115,582)	(66,404)
NET INCOME FOR THE PERIOD		451,671	141,734	445,821	141,734
TUPY SHAREHOLDERS NET INCOME (LOSS)		451,671	141,734	451,671	141,734
NON-CONTROLLING NET LOSS		-	-	(5,850)	-
EARNINGS PER SHARE					
Basic earnings per share	30	3.13339	0.98307	3.13339	0.98307
Diluted earnings per share	30	3.11630	0.97706	3.11630	0.97706

All amounts in thousands of Reais unless otherwise stated.

(A free translation of the original in Portuguese)

TUPY S.A. AND SUBSIDIARIES

STATEMENTS OF INCOME
QUARTERS ENDED SEPTEMBER 30, 2022 AND 2021
(All amounts in thousands of reais, except earnings per share)

		Parent company		Consolidated	
		7/1/22	7/1/21	7/1/22	7/1/21
	Note	9/30/22	9/30/21	9/30/22	9/30/21
NET REVENUE	25	1,402,473	1,110,256	2,694,013	1,833,810
Cost of products sold	26	(1,050,189)	(834,457)	(2,158,931)	(1,489,915)
GROSS PROFIT		352,284	275,799	535,082	343,895
Selling expenses	26	(109,477)	(37,190)	(179,210)	(69,196)
Administrative expenses	26	(53,782)	(44,115)	(79,434)	(57,423)
Other operating expenses, net	28	(57,925)	(12,684)	(57,715)	(26,669)
Share of results of subsidiaries	12	67,595	8,260	-	-
PROFIT BEFORE FINANCE RESULTS AND TAXES		198,695	190,070	218,723	190,607
Finance costs	27	(43,210)	(41,828)	(52,499)	(35,093)
Finance income	27	20,587	7,240	22,741	7,692
Monetary and foreign exchange variations, net	27	22,469	20,856	19,799	26,165
PROFIT BEFORE TAXATION		198,541	176,338	208,764	189,371
Income tax and social contribution	29	(4,252)	(51,188)	(16,515)	(64,221)
NET INCOME FOR THE PERIOD		194,289	125,150	192,249	125,150
TUPY SHAREHOLDERS NET INCOME (LOSS)		194,289	125,150	194,289	125,150
NON-CONTROLLING NET LOSS		-	-	(2,040)	-
EARNINGS PER SHARE					
Basic earnings (loss) per share	30	1.34785	0.86804	1.34785	0.86804
Diluted earnings (loss) per share	30	1.34049	0.86274	1.34049	0.86274

All amounts in thousands of Reais unless otherwise stated.

(A free translation of the original in Portuguese)

TUPY S.A. AND SUBSIDIARIES

STATEMENTS OF COMPREHENSIVE INCOME
PERIOD ENDED SEPTEMBER 30, 2022 AND 2021
(All amounts in thousands of reais, except earnings per share)

		Parent company		Consolidated	
	Note	9/30/22	9/30/21	9/30/22	9/30/21
NET INCOME (LOSS) FOR THE YEAR		451,671	141,734	445,821	141,734
Components of other comprehensive income to be reclassified to the results					
Foreign exchange variation of investees located abroad	12b	(96,265)	86,283	(96,265)	86,283
Hedge of net investment abroad	33b	45,726	(81,024)	45,726	(81,024)
Tax effect on hedge of net investment abroad	33b	(15,547)	27,544	(15,547)	27,544
TOTAL COMPREHENSIVE INCOME FOR THE PERIOD		385,585	174,537	379,735	174,537

TUPY S.A. AND SUBSIDIARIES

STATEMENTS OF COMPREHENSIVE INCOME
QUARTERS ENDED SEPTEMBER 30, 2022 AND 2021
(All amounts in thousands of reais, except earnings per share)

		Parent company		Consolidated	
		7/1/22 9/30/22	7/1/21 9/30/21	7/1/22 9/30/22	7/1/21 9/30/21
NET INCOME FOR THE PERIOD		194,289	125,150	192,249	125,150
Components of other comprehensive income to be reclassified to the results					
Foreign exchange variation of investees located abroad	11b	189,331	173,782	189,331	173,782
Hedge of net investment abroad	33b	(173,288)	(144,413)	(173,288)	(144,413)
Tax effect on hedge of net investment abroad	33b	58,919	49,098	58,919	49,098
TOTAL COMPREHENSIVE INCOME FOR THE QUARTER		269,251	203,617	267,211	203,617

(A free translation of the original in Portuguese)

TUPY S.A. AND SUBSIDIARIES

STATEMENT OF CHANGES IN EQUITY

(All amounts in thousands of reais)

						Carrying value adjustments		Revenue reserves					
	Note	Share capital	Share issue cost	Shared based payments	Treasury stock	Exchange variation of investees	Deemed cost of fixed assets	Legal reserve	Reserve for investments	Retained earnings (losses)	Total controlling shareholders	Non-controlling Shareholders	Total
AT DECEMBER 31, 2020		**1,060,301**	**(6,541)**	**5,245**	**(374)**	**823,450**	**26,184**	**95,756**	**549,436**	**-**	**2,553,457**	**-**	**2,553,457**
Comprehensive income for the period													
Loss for the period		-	-	-	-	-	-	-	-	141,734	141,734	-	141,734
Realization of carrying value adjustments		-	-	-	-	-	(4,283)	-	-	4,283	-	-	-
Foreign exchange variation of investees located abroad	12b	-	-	-	-	86,283	-	-	-	-	86,283	-	86,283
Hedge of net investment abroad	33b	-	-	-	-	(81,024)	-	-	-	-	(81,024)	-	(81,024)
Tax impact on hedge of net investment abroad	33b	-	-	-	-	27,544	-	-	-	-	27,544	-	27,544
Total comprehensive income for the period		-	-	-	-	32,803	(4,283)	-	-	146,017	174,537	-	174,537
Contributions from shareholders and distributions to shareholders													
Realization of management stock option plan		-	-	2,890	-	-	-	-	-	-	2,890	-	2,890
(-) Stock options exercised		-	-	(374)	374	-	-	-	-	-	-	-	-
Allocation of profit:													
Interest on shareholders' equity		-	-	-	-	-	-	-	(40,134)	-	(40,134)	-	(40,134)
Total contributions from shareholders and distributions to shareholders		-	-	2,516	374	-	-	-	(40,134)	-	(37,244)	-	(37,244)
AT SEPTEMBER 30, 2021		**1,060,301**	**(6,541)**	**7,761**	**-**	**856,253**	**21,901**	**95,756**	**509,302**	**146,017**	**2,690,750**	**-**	**2,690,750**
AT DECEMBER 31, 2021		**1,060,301**	**(6,541)**	**8,680**	**(5)**	**876,825**	**20,664**	**105,966**	**686,654**	**-**	**2,752,544**	**670**	**2,753,214**
Comprehensive income for the period													
Profit (loss) for the period		-	-	-	-	-	-	-	-	451,671	451,671	(5,850)	445,821
Realization of carrying value adjustments		-	-	-	-	-	(3,103)	-	-	3,103	-	-	-
Foreign exchange variation of investees located abroad	12b	-	-	-	-	(96,265)	-	-	-	-	(96,265)	-	(96,265)
Hedge of net investment abroad	33b	-	-	-	-	45,726	-	-	-	-	45,726	-	45,726
Tax impact on hedge of net investment abroad	33b	-	-	-	-	(15,547)	-	-	-	-	(15,547)	-	(15,547)
Total comprehensive income for the year		-	-	-	-	(66,086)	(3,103)	-	-	454,774	385,585	(5,850)	379,735
Contributions from shareholders and distributions to shareholders													
Management stock option plan		-	-	2,693	-	-	-	-	-	-	2,693	-	2,693
Realization of management stock option plan		-	-	(3,128)	-	-	-	-	-	3,128	-	-	-
(-) Treasury stock		-	-	-	(1,115)	-	-	-	-	-	(1,115)	-	(1,115)
NON-CONTROLLING NET LOSS		-	-	-	-	-	-	-	-	-	-	165	165
Allocation of loss:													
Interest on capital		-	-	-	-	-	-	-	(32,413)	-	(32,413)	-	(32,413)
Total contributions from shareholders and distributions to shareholders		-	-	(435)	(1,115)	-	-	-	(32,413)	3,128	(30,835)	165	(30,670)
AT SEPTEMBER 30, 2022		**1,060,301**	**(6,541)**	**8,245**	**(1,120)**	**810,739**	**17,561**	**105,966**	**654,241**	**457,902**	**3,107,294**	**(5,015)**	**3,102,279**

(A free translation of the original in Portuguese)

TUPY S.A. AND SUBSIDIARIES

STATEMENTS OF CASH FLOW
PERIOD ENDED SEPTEMBER 30, 2022 AND 2021
(All amounts in thousands of reais, except earnings per share)

		Parent company		Consolidated	
Cash flow from operating activities:	Note	9/30/22	9/30/21	9/30/22	9/30/21
Profit for the period before income tax and social contribution		507,093	202,755	561,403	208,138
Adjustment to reconcile profit (losses) with cash provided by operating activities:					
Depreciation and amortization	13 and 14	104,946	106,680	263,848	265,921
Share of results of subsidiaries	12	(225,529)	15,435	-	-
Disposals of property, plant and equipment		(5,570)	64	(4,296)	2,400
Interest accrued and foreign exchange variations		24,836	93,178	59,646	129,725
Provision for impairment of trade receivables		3,728	(4,124)	2,721	(3,582)
Provision for losses on inventory		1,060	515	(11,378)	3,140
Provision for contingencies	20	28,680	28,276	34,512	29,391
Stock option plan		2,693	2,890	2,693	2,890
REINTEGRA impairment		52,744	-	52,744	-
Change in Eletrobrás credit		(771)	(12,282)	(771)	(12,282)
		493,910	433,387	961,122	625,741
Changes in operating assets and liabilities:					
Trade accounts receivables		(420,622)	(213,519)	(706,639)	(552,523)
Inventories		(65,503)	(146,559)	(98,708)	(215,287)
Tooling		(11,334)	(10,860)	(10,179)	23,760
Other taxes recoverable		20,577	25,680	(100,612)	48,811
Other assets		(951)	4,511	(60,893)	(4,571)
Judicial deposits and other		5,256	8,724	5,086	8,718
Trade payables		64,091	97,189	4,304	212,750
Other taxes payable		13,399	(46)	106,566	(10,863)
Salaries, social security charges and profit sharing		64,110	64,777	98,662	85,623
Advances from customers		(1,313)	(10,308)	(22,852)	(34,510)
Notes and other payables		(5,518)	(6,387)	(26,363)	7,694
Retirement benefit obligations		-	-	8,630	5,069
Payment of contingencies other liabitilies		(37,216)	(20,611)	(37,112)	(20,642)
Cash generated by operations		**118,886**	**225,978**	**121,012**	**179,770**
Interest paid		(67,384)	(150,249)	(136,604)	(145,641)
Income tax and social contribution paid		-	-	(8,926)	(10,498)
Net cash generated from operating activities		**51,502**	**75,729**	**(24,518)**	**23,631**
Cash flow from investing activities:					
Additions to fixed assets or intangibles	13 and 14	(127,809)	(101,244)	(228,636)	(148,189)
Cash generated on PPE disposals		1,575	2,693	1,575	1,575
Subsidiaries and associates		(173,241)	580	-	-
Net cash used in investing activities		**(299,475)**	**(97,971)**	**(227,061)**	**(146,614)**
Cash flow from financing activities:					
Payment of loans	16	(2,082)	(318,129)	(387,569)	(2,257,636)
Debentures issued	17	1,000,000	-	1,000,000	-
Loans and financing raised	16	37,221	-	442,221	2,018,063
Lease payment from right of use		(4,533)	(4,700)	(13,913)	(11,560)
Forfaiting operation		-	-	(54,970)	-
Interest on capital and dividends paid		(22,160)	(21,238)	(22,160)	(21,238)
Income tax of interest on capital and dividends paid		-	1,603	-	1,603
Treasury stock		(1,115)	-	(1,115)	-
Net cash used in financing activities		**1,007,331**	**(342,464)**	**962,494**	**(270,768)**
Effect of exchange rate differences on cash for the period		53	683	(15,319)	60,361
Increase in cash and cash equivalents		**759,411**	**(364,023)**	**695,596**	**(333,390)**
Cash and cash equivalents at the beginning of the year		712,364	832,175	1,272,445	1,425,113
Cash and cash equivalents at the end of the year		**1,471,775**	**468,152**	**1,968,041**	**1,091,723**

(A free translation of the original in Portuguese)

TUPY S.A. AND SUBSIDIARIES

STATEMENT OF VALUE ADDED
PERIOD ENDED SEPTEMBER 30, 2022 AND 2021
(All amounts in thousands of reais, except earnings per share)

		Parent company		Consolidated	
	Note	9/30/22	9/30/21	9/30/22	9/30/21
Origination of value added		3,988,757	3,154,281	8,053,578	5,279,824
Sale of products, net of returns and rebates	25	3,992,485	3,150,157	8,056,299	5,276,242
Provision for impairment of trade receivables		(3,728)	4,124	(2,721)	3,582
(-) Inputs acquired from third parties		(2,756,173)	(2,077,634)	(5,360,583)	(3,592,755)
Raw materials and processing material consumed		(2,191,481)	(1,693,821)	(3,566,263)	(2,401,091)
Materials, energy, third party services and other		(564,692)	(383,813)	(1,794,320)	(1,191,664)
GROSS VALUE ADDED		1,232,584	1,076,647	2,692,995	1,687,069
Retentions:		(104,946)	(106,680)	(263,848)	(265,921)
Depreciation and amortization	13 and 14	(104,946)	(106,680)	(263,848)	(265,921)
Net value added generated by the Company		1,127,638	969,967	2,429,147	1,421,148
Value added received through transfer		276,686	21,216	52,902	37,679
Share of results of subsidiaries	12	225,529	(15,435)	-	-
Finance income	27	51,157	36,651	52,902	37,679
VALUE ADDED TO DISTRIBUTE		**1,404,324**	**991,183**	**2,482,049**	**1,458,827**
Distribution of value added					
Personnel		638,842	544,876	1,386,958	962,781
Employees		454,230	407,436	1,131,040	811,605
Social charges - Government Severance Indemnity Fund for Employees (FGT		31,981	26,706	31,981	26,706
Profit sharing		60,184	34,067	102,218	47,019
Management fees		17,433	13,025	17,433	13,025
Workplace healthcare and safety		49,347	39,991	49,347	39,991
Food		11,204	10,627	11,204	10,627
Professional education, qualification and development		1,111	842	2,204	965
Other amounts		13,352	12,182	41,531	12,843
Government		219,227	193,926	494,529	200,222
Federal taxes and contributions		173,640	140,126	364,623	146,392
State taxes and rates		39,575	46,632	123,110	46,632
Municipal taxes, rates and other		6,012	7,168	6,796	7,198
Third party capital		94,584	110,647	154,741	154,090
Finance costs	27	107,280	120,004	139,813	159,498
Monetary and foreign exchange variations, net	27	(12,696)	(9,357)	14,928	(5,408)
Own capital		451,671	141,734	445,821	141,734
Retained earnings (losses)		451,671	141,734	445,821	141,734
TOTAL VALUE ADDED		**1,404,324**	**991,183**	**2,482,049**	**1,458,827**

(A free translation of the original in Portuguese)

NOTES TO THE FINANCIAL STATEMENTS

(A free translation of the original in Portuguese)

1. GENERAL INFORMATION

Tupy S.A. (the "Parent company") and its subsidiaries (together the "Company" or "Consolidated") develops and manufacturing highly engineered structural cast iron components applied to complex metallurgical an geometrical components. Those components are extensively used in capital goods of freight transport, infrastructure, agriculture and power generation. Promoting the quality of life, the access to health, basic sanitation, potable water, foods production and distribution and worldwide trade. Innovation and technical knowledge of its employees are its hallmark in the market over its 80 years. The plants are located in Joinville/SC, Betim/MG (Brazil), and in the cities of Saltillo and Ramos Arizpe (Mexico) and Aveiro (Portugal). In addition, Tupy has offices in Sao Paulo, USA, Germany, Italy and Netherlands.

Tupy S.A. is a publicly held corporation headquartered in Joinville, State of Santa Catarina, listed on the São Paulo Stock Exchange (ticker TUPY3) and in the Novo Mercado segment of B3.

These interim financial statements were approved for issuance by the Company's Board of Directors on November 07, 2022.

1.1 Impacts of the COVID-19 pandemic

The Company monitors the risks of the COVID-19 pandemic and the effects on the local and global economies, as well as the impact on its employees, operations, supply chain, demand for its products and the community.

The Company has been carrying out reviewing of recoverability of its relevant assets, in view of the impacts resulting from the pandemic on its operations, which have not resulted in the need to recognize significant losses in its financial statements.

The projections of operating income and cash flows indicate full conditions for the continuity of operations. The evolution of the entire economic context in the world is being monitored, as well as its implication in profitability and financial position, aiming to adapt the Company's operations to the evolving circumstances triggered by government regulations and market dynamics in the face of the COVID-19 pandemic. The profits achieved in the first quarter of 2021 demonstrate that the Company is successfully managing the crisis.

2. PRESENTATION AND PREPARATION OF THE QUARTERLY INFORMATION

The Company presents the interim financial statements in accordance with the Technical Pronouncement CPC 21 - "Interim Financial Reporting" and International Financial Reporting Standard IAS 34 - "Interim Financial Reporting" issued by the International Accounting Standards Board (IASB), and presented in accordance with the rules and regulations issued by the Brazilian Securities Commission (CVM), applicable to the preparation of interim information, and are identified as "Parent company" and "Consolidated", respectively.

Circular Letter CVM/SNC/SEP 003, of April 28, 2011, permits entities to present selected explanatory notes in cases of redundancy or duplication relative to the information already presented in the Company's annual financial statements. These interim condensed financial statements do not include all of the disclosures required in a complete set of financial statements and should be read together with the annual financial statements for the year ended December 31, 2021.

Accordingly, the Company discloses below a list of the explanatory notes that are not partially or completely presented in the interim condensed financial statements at September 30, 2022:

Not completely repeated	***Not partially repeated***
Investment properties	Trade receivables
Insurance	Income tax and social contribution recoverable
Business combination	Other taxes recoverable
Commitments	Property, plant and equipment
	Intangible assets
	Loans and financing
	Provision for tax, civil, social security and labor proceedings
	Share capital

2.1. Basis of preparation, functional and presentation currency

The interim financial statements have been prepared based on the historical cost, except for certain financial instruments, which are measured at their fair values, as described in the accounting policies. The historical cost is generally based on the fair value of the consideration paid in exchange for assets.

The functional and presentation currency are with the same as those for the annual financial statements for the year ended December 31, 2021.

2.2. Use of critical accounting estimates and judgments

The preparation of Parent Company and Consolidated interim information requires management to make judgments, estimates and assumptions that affect the application of accounting policies and the amounts reported for assets, liabilities, revenue and expenses.

In the preparation of these interim financial statements, the decisions made by the Company regarding the application of accounting policies and the main sources of uncertainty in estimates and critical accounting judgments were the same as those for the annual financial statements for the year ended December 31, 2021 and are disclosed in Note 2.4 of those financial statements.

2.3. Significant accounting policies

The accounting policies used in the preparation of these interim financial statements for the period ended September 30, 2022 are consistent with those used to prepare the annual financial statements for the year ended December 31, 2021, these policies are disclosed in Note 2 in the annual financial statements.

All amounts in thousands of Reais unless otherwise stated.

3. CASH AND CASH EQUIVALENTS

	Parent company		Consolidated	
	Sep/22	Dec/21	Sep/22	Dec/21
Cash and banks	3,596	9,817	48,238	14,692
Financial investments in Brazil	1,443,106	642,678	1,443,106	665,273
Financial investments abroad	25,073	59,869	476,697	592,480
	1,471,775	**712,364**	**1,968,041**	**1,272,445**

The financial investments disclosed as cash and cash equivalents are highly liquid securities with an low risk of changes in value. Those investments in Brazil are remunerated based on the variation of the Interbank Deposit Certificate (CDI) rate, with an average rate equivalent to 12.23% per annum (4,56% at December 31, 2021). The investments abroad are denominated mostly in U.S. dollars at the average rate of 1.43% per annum (0.21% per annum in December 31, 2021) designed as time deposit and overnight.

The increase in cash and cash equivalents is mainly due to Debenture issued accord note 17.

The Company operates with top tier institutions as detailed in note 34.1.

4. TRADE ACCOUNT RECEIVABLES

The composition of trade account receivables from clients by market is as follows:

	Parent company		Consolidated	
	Sep/22	Dec/21	Sep/22	Dec/21
Domestic market	246,539	156,108	440,136	275,975
Foreign market	853,190	532,818	1,574,024	986,378
Provision for impairment of trade receivables	(7,255)	(4,439)	(19,258)	(11,256)
	1,092,474	**684,487**	**1,994,902**	**1,251,097**

Trade account receivables in the domestic market are denominated in Brazilian Reais and in the foreign market primarily in U.S. dollars and, also in Euro.

The increase in accounts receivable is mainly due to:

- the increase in the amount of sales in the period,
- the pass-through of cost inflation in sales price, especially of materials, freight and energy
- the impacts of the business combination for the acquisition of the Betim and Aveiro, and,
- partially reduced by the appreciation of the Real against the US Dollar, which went from R$5.5805 on December 31, 2021 to R$5.4066 on September 30, 2022.

The Company's trade account receivables in the foreign market include related party amounts which are eliminated upon consolidation, amounting R$571,342 (R$392,066 in December 31, 2021). (Note 11)

All amounts in thousands of Reais unless otherwise stated.

	Parent company		Consolidated	
	Sep/22	Dec/21	Sep/22	Dec/21
Falling due in up to 30 days	297,225	261,683	804,879	596,940
Falling due within 31 to 60 days	481,918	169,236	575,908	342,979
Falling due in more than 61 days	271,602	214,979	478,305	202,151
Total falling due	**1,050,745**	**645,898**	**1,859,092**	**1,142,070**
Overdue for up to 30 days	35,456	31,266	67,124	86,562
Overdue for 31 to 60 days	6,579	2,858	19,280	9,467
Overdue for more than 61 days	6,949	8,904	68,664	24,254
Total overdue	**48,984**	**43,028**	**155,068**	**120,283**
Provision for impairment of trade receivables	(7,255)	(4,439)	(19,258)	(11,256)
Total	**1,092,474**	**684,487**	**1,994,902**	**1,251,097**

As of September 30, 2022, the estimated loss in accounts receivable from customers represented 1.0% of the consolidated balance (On December 31, 2021 was 0.9%).

The Company does not expect others material adjustments due to the impacts caused by the Covid-19 pandemic in trade accounts receivables.

5. INVENTORIES

	Parent company		Consolidated	
	Sep/22	Dec/21	Sep/22	Dec/21
Finished products	198,178	189,643	456,362	482,219
Work in progress	155,288	99,455	606,081	564,642
Raw materials	126,829	128,691	408,399	356,566
Maintenance and other materials	37,305	34,308	186,212	163,600
Provision for losses	(16,737)	(15,677)	(67,715)	(79,093)
	500,863	**436,420**	**1,589,339**	**1,487,934**

Inventories are carried at the average acquisition and/or production cost, considering the full manufacturing costs absorption method, adjusted to the net realizable value, when applicable.

The Company did not observe any indicators that require the constitution of an additional losses provision due to COVID-19.

As of September 30, 2022, the Company has offered finished product inventory as collateral for labor and social security litigation amounting to R$9,511 (R$10,559 as of December 31, 2021). Currently, the Company adopts guarantee insurance.

6. TOOLING

	Parent company		Consolidated	
	Sep/22	Dec/21	Sep/22	Dec/21
Domestic market	27,937	23,055	38,844	39,320
Foreign market	42,589	36,137	110,422	102,383
	70,526	**59,192**	**149,266**	**141,703**

The increase is mainly due of production of tooling in the period.

All amounts in thousands of Reais unless otherwise stated.

7. INCOME TAX AND SOCIAL CONTRIBUTION RECOVERABLE

	Sep/22			Dec/21		
	Current	Non-current	Total	Current	Non-current	Total
Parent Company	**10,066**	**28,647**	**38,713**	**56,084**	**18,245**	**74,329**
Income tax	10,066	14,359	24,425	56,084	2,947	59,031
Social contribution	-	14,288	14,288	-	15,298	15,298
Subsidiaries	**28,866**	**-**	**28,866**	**52,250**	**-**	**52,250**
Income tax	28,866	-	28,866	52,250	-	52,250
Consolidated	**38,932**	**28,647**	**67,579**	**108,334**	**18,245**	**126,579**

The reduction in the credit balance is due to its use to offset income tax and social contribution payable during 2022.

The STF established, in general repercussion, the thesis that “It is unconstitutional the incidence of IRPJ and CSLL on the amounts related to the SELIC rate received due to the overpayments tax”. Although the Company's specific lawsuit is still pending final decision, based on the best estimate to date, the judgment on this lawsuit was reassessed, as required by ICPC22/IFRIC23 and recorded a credit in the amount of R$21,836 (Note 29) . After the Company's lawsuit is final and unappealable, the aforementioned amounts will be the subject of an authorization request for further monetization, in compliance with the rules of the Federal Revenue Service of Brazil.

8. OTHER TAXES RECOVERABLE

Parent company

	Sep/22			Dec/21		
	Current	Non-current	Total	Current	Non-current	Total
ICMS recoverable - São Paulo (a)	3	-	3	1,337	2	1,339
ICMS recoverable - Santa Catarina (a)	27,692	10,123	37,815	29,988	21,457	51,445
Reintegra benefit (b)	882	-	882	678	52,744	53,422
COFINS, PIS and IPI recoverable (c)	37,479	6,778	44,257	68,317	6,777	75,094
	66,056	**16,901**	**82,957**	**100,320**	**80,980**	**181,300**

Consolidated

	Sep/22			Dec/21		
	Current	Non-current	Total	Current	Non-current	Total
ICMS recoverable - São Paulo (a)	3	-	3	1,337	2	1,339
ICMS recoverable - Santa Catarina (a)	27,692	10,123	37,815	29,988	21,457	51,445
ICMS recoverable - Minas Gerais (a)	2,022	673	2,695	8,167	853	9,020
Reintegra benefit (b)	1,488	-	1,488	910	52,744	53,654
COFINS, PIS and IPI recoverable (c)	40,579	9,175	49,754	79,395	10,059	89,454
Value-added tax (VAT) (d)	94,334	65,716	160,050	95,090	-	95,090
Consolidated	**166,118**	**85,687**	**251,805**	**214,887**	**85,115**	**300,002**

a. Value-added Tax on Sales and Services (ICMS) recoverable

Credits arising from the purchase of raw materials used in the process of constructing and purchasing property, plant and equipment assets, originally realizable in 48 installments, according to applicable state legislation. The decrease in the Company's sales in the Brazilian market, observed in recent years, contributed to the increase in the credit balance and the Company considered alternative methods to reimburse or compensate it.

All amounts in thousands of Reais unless otherwise stated.

In Santa Catarina, the Company was accomplishing the credit balance by transfer to third parties and with a special regim “pro-emprego”, which deferrs the payment of ICMS.

In Minas Gerais, the realization takes place in normal sales operations.

The Company's projections identify the realization of credits in up to 2 years.

b. Special System for Refund of Tax Amounts to Exporting Companies (Reintegra) benefit

Credits arising from the benefit established by Provisional Measure 540 of August 2, 2011, reestablished by Law 13,043/14. However, considering the recent unfavorable decisions in the administrative proceeding with the authorities.of the STF, in similar cases. Considering this, the Company is understood that the asset registered becomes contingent, being written off against other operating expenses in the result. (note 28)

c. Social Contribution on Revenues (COFINS), Social Integration Program (PIS) and Excise Tax (IPI) recoverable

These are credits generated mainly the right to exclude the ICMS from the calculation basis of the contribution to PIS and COFINS, according with 2 (two) writ of mandamus, one at the judicial subsection of the Federal Justice in São Paulo/SP and another filed in the judicial subsection of Joinville/SC. Those credits were recognized after the final decision in 2019 and 2020.

The Company is realizing the credit offsetting federal tax values, for the portion related to foreign sales. The credit from domestic sales are be compensated in the account.

d. Value-added tax (VAT)

These are credits generated on the acquisition of inputs used in the production process of the subsidiaries in Mexico and the exports with clearance of goods in Italy, from the acquired companies. These credits are regularly reimbursed by the local tax authorities.

9. DEFERRED INCOME TAX AND SOCIAL CONTRIBUTION, NET

The composition of deferred tax assets and liabilities relating to income tax and social contribution, is as follows:

	Parent company		Consolidated	
	Sep/22	Dec/21	Sep/22	Dec/21
Deferred assets				
Income tax and social contribution losses	184,615	223,308	306,036	326,403
Provisions for contingencies	58,606	60,489	74,980	75,069
Taxes and contribution recoverable	39,339	39,760	39,339	39,760
Property, plant and equipment - impairment	24,954	30,288	24,990	30,332
Salaries, social security charges and profit sharing	17,190	4,563	56,343	51,108
Provision for impairment of trade receivables	13,676	9,371	24,505	16,879
Provision for inventory losses	8,892	7,057	16,579	13,211
Share-based payments	2,803	2,950	2,803	2,950
Tooling	-	-	8,790	13,030
Financial derivative instruments	415	284	415	284
Other items	12,796	14,077	35,670	32,907
Property, plant and equipment - tax base (México)	-	-	25,492	10,982
Unrealized profits in subsidiaries	-	-	12,153	16,078
Subtotal	**363,285**	**392,147**	**628,094**	**628,993**
Deferred liabilities				
Depreciation rate differences	42,282	57,457	42,282	60,622
Business combination	14,835	16,593	14,835	16,593
Property, plant and equipment - carrying value adjustments	9,047	10,645	12,969	11,969
Deferred tax on intangible assets	-	-	-	5,909
Subtotal	**66,164**	**84,695**	**70,086**	**95,093**
Total deferred liabilities, net	**297,121**	**307,452**	**558,008**	**533,900**

The Mexican tax legislation allows the depreciation of property, plant and equipment on a tax basis, and accordingly, the Company records the temporary difference in the depreciation between the tax and the accounting bases. The temporary difference at September 30, 2022 was R$25,492 (R$11,969 at December 31, 2021). The change is due to the foreign exchange difference between the currency in which the taxes are charged in Mexican pesos and the functional currency (U.S. dollar) of the subsidiaries in Mexico.

During the quarter ended September 30, 2022 and September 30, 2021 the changes in deferred tax assets and liabilities were as follow:

	Parent company		Consolidated	
	Sep/22	Mar/21	Sep/22	Mar/21
Opening balance	**307,452**	**316,080**	**533,900**	**428,733**
Recognized in profit (loss)				
Recognized in profit (loss) for the year	5,216	(1,456)	46,282	35,527
Recognized in comprehensive income for the year	(15,547)	27,544	(15,547)	27,544
Effects of currency translation into presentation currency	-	-	(6,627)	8,886
Closing balance	**297,121**	**342,168**	**558,008**	**500,690**

10. OTHER ASSETS

	Parent company		Consolidated	
	Sep/22	Dec/21	Sep/22	Dec/21
Domestic market	58,538	59,162	82,998	76,944
Foreign market	-	-	82,829	29,925
	58,538	**59,162**	**165,827**	**106,869**

The increase compared to December 2021 is due to advances to employees, vacations and 13th month salary, recognition of expenses paid in advance and advances to suppliers.

All amounts in thousands of Reais unless otherwise stated.

11. RELATED PARTY TRANSACTIONS

The main transactions of the Company with related parties are summarized as follows:

a. Subsidiaries:

Assets	Sep/22	Dec/21
Trade account receivables	**571,342**	**392,066**
Tupy Mexico Saltillo, S.A. de C.V	277,280	198,706
Tupy American Foundry Corporation	145,642	164,967
Tupy Europe GmbH	115,419	21,257
Technocast, S.A. de C.V.	25,191	3,799
Funfrap - Fundição Portuguesa S.A.	3,667	2,760
Tupy Minas Gerais Ltda.	1,058	577
Tupy Materials & Components B.V.	3,085	-
Related parties – loans	**-**	**125,198**
Tupy Minas Gerais Ltda	-	125,198
	571,342	**517,264**

Liabilities	Sep/22	Dec/21
Loans and financing	**1,914,266**	**2,009,584**
Tupy Overseas S.A	1,914,266	2,009,584
Other liabilities	**7,896**	**16,771**
Tupy Europe GmbH	4,926	9,910
Tupy American Foundry Co.	2,118	3,911
Tupy México Saltillo S.A. de CV	852	2,103
Tupy Minas Gerais Ltda	-	847
Related parties – loans	**6,624**	**5,086**
Tupy Agroenergética Ltda.	5,449	3,909
Sociedade Técnica de Fundições Gerais S.A. - Sofunge "em liquidação"	1,175	1,177
	1,928,786	**2,031,441**

Statement of income	3Q22	3Q21	9M22	9M21
Revenues	**530,443**	**382,693**	**1,450,933**	**1,021,782**
Tupy American Foundry Corporation	307,735	236,241	838,759	629,074
Tupy Mexico Saltillo, S.A. de C.V	141,239	104,232	403,736	237,514
Tupy Europe GmbH	78,380	42,220	205,281	155,194
Tupy Material & Components B.V.	3,040	-	3,040	-
Technocast, S.A. de C.V.	29	-	77	-
Tupy Minas Gerais Ltda	20	-	40	-
Other operating expenses, net	**7,784**	**423**	**33,902**	**1,443**
Technocast, S.A. de C.V.	3,038	354	23,027	1,364
Tupy Europe GmbH	1,717	-	1,717	-
Tupy American Foundry Corporation	1,690	-	2,663	-
FUNFRAP – Fundição Portuguesa, S.A	1,339	-	6,462	-
Tupy Mexico Saltillo, S.A. de C.V	-	69	33	79
Finance costs	**(31,992)**	**(31,695)**	**(87,802)**	**(95,653)**
Tupy Overseas S.A.	(31,992)	(31,695)	(91,851)	(95,653)
Tupy Minas Gerais Ltda	-	-	4,049	-
	506,235	**351,421**	**1,397,033**	**927,572**

Information from operations of the subsidiaries is provided in Financial Statements of December 31, 2021. (Note 2.2)

All amounts in thousands of Reais unless otherwise stated.

The receivables (Note 4) and sales revenue of the Company with its subsidiaries represent mainly sales of products from the transportation, infrastructure & agriculture segment. Prices charged are in compliance with the Company's price lists, and terms range from 60 to 90 days, as established by the parties. On September 30 , 2022, the Company's related parties had no overdue receivables and, therefore, the Parent company did not record a provision for the impairment of these receivables.

Advances from customers correspond to amounts sent by the subsidiaries abroad for the future delivery of goods.

Notes and other payables to subsidiaries abroad represent the current accounts between the subsidiaries and the Parent company. Refers mainly, to quality assistance for transportation, infrastructure & agriculture products. With a maturity between 30 to 60 days.

The loan conditions granted by Tupy Overseas S.A. to the Parent company are disclosed in Note 16.

The other operations refer to loan agreements between the subsidiaries in Brazil and the Company, with no defined maturities, which bear interest equivalent to the Referential Rate (TR).

Other operations expenses, net, refer to transfer by sale of fixed assets from Brasil to Technocast S.A. de C.V. and Tupy México Saltillo, S.A. de C.V. subsidiaries.

b. Main stockholders:

The Company's main stockholders are BNDES Participações S.A. – BNDESPAR (28.2%) and PREVI - Caixa de Previdência dos Funcionários do Banco do Brasil (24.8%).

c. Management remuneration:

	Board of Directors		Board of Officers		Total	
	9M22	9M21	9M22	9M21	9M22	9M21
Fixed remuneration	3,480	3,255	5,486	5,056	8,966	8,311
Variable remuneration	-	-	6,075	2,386	6,075	2,386
Stock option plan	253	363	1,965	1,965	2,218	2,328
	3,733	**3,618**	**13,526**	**9,407**	**17,259**	**13,025**

	Board of Directors		Board of Officers		Total	
	3Q22	3Q21	3Q22	3Q21	3Q22	3Q21
Fixed remuneration	1,210	1,158	1,856	1,796	3,066	2,954
Variable remuneration	-	-	2,138	477	2,138	477
Stock option plan (Note 19)	64	110	655	788	719	898
	1,274	**1,268**	**4,649**	**3,061**	**5,923**	**4,329**

The overall amount of the annual remuneration, net of taxes, approved in April 29, 2022, at the Ordinary General Meeting for Board of Directors and Bord of officers for the year of 2022 is up to R$43,219 (R$37,239 for the year ended at December 31, 2021).

The statutory management remuneration is paid only at the Parent company level and, therefore, no management remuneration has been recorded in the subsidiaries.

The amounts recorded as variable remuneration of the Board of Officers are considered as a provision, based on to the goals established for the period.

Information about the Stock option plans for the Company´s statutory board members and the current Chairman of the Board of Directors (the "Plan"), approved in November 2014 and April 2019, are presented in note 24 in the annual financial statements from the year ended December 31, 2021.

All amounts in thousands of Reais unless otherwise stated.

Officers receive additional corporate benefits, such as corporate vehicles, reimbursement of vehicle-related expenses, health insurance and pension plan. In the quarter ended September 30, 2022, these benefits totaled R$1,555 (R$911 in the same period of the previous year).

The Company does not offer its officers a post-employment benefit plan.

d. Other related parties:

The Parent company sponsors the Associação Atlética Tupy (Tupy Athletic Association), a not-for-profit foundation that offers leisure activities and sports to the Company's employees. During the period of nine-months ended September 30, 2022, the Company recognized sponsorship expenses of R$1,053 (R$192 in the same period of the previous year).

12. INVESTMENTS

a. Composition of investments

Parent company	Total assets	Equity	Goodwill	Profit (loss) for the period	Interest in capital (%)	Share in the results of subsidiaries (*)	Book value (*)
AT SEPTEMBER 30, 2022							
investment in subsidiary company							
Tupy Materials & Components B.V(**)	2,279,096	2,015,451	41,226	160,847	100,00	171,699	2,084,900
Tupy Overseas	2,055,737	21,164	-	18,562	100,00	18,562	21,164
Tupy American Foundry Co.	417,104	206,498	-	6,704	100,00	8,647	193,189
Tupy Europe GmbH	538,128	228,468	-	17,518	100,00	14,423	220,541
Tupy Minas Gerais Ltda.	993,046	251,836	45,199	12,104	100,00	10,912	293,543
Tupy Agroenergética Ltda.	15,542	14,583	-	2,004	100,00	2,004	14,583
Sociedade Técnica de Fundições Gerais SA. - Sofunge "in liquidation"	2,512	(889)	-	(718)	100,00	(718)	(889)
						225,529	**2,827,031**

(*) Adjusted by unrealized profits
(**) Tupy S.A. 99% and Tupy Agroenergética 1%

Parent company	Total assets	Equity	Goodwill	Profit (loss) for the period	Interest in capital (%)	Share in the results of subsidiaries (*)	Book value (*)
AT SEPTEMBER 30, 2021							
investment in subsidiary company							
Tupy Materials & Components B.V(**)	1,960,362	19,008,509	41,226	(15,757)	100,00	(6,355)	1,943,190
Tupy Overseas	2,030,422	(5,634)	-	(34,799)	100,00	(34,799)	(5,634)
Tupy American Foundry Co.	377,448	198,637	-	15,145	100,00	13,729	189,120
Tupy Europe GmbH	283,628	245,068	-	10,821	100,00	12,463	239,892
Tupy Agroenergética Ltda.	13,668	12,069	-	(361)	100,00	(361)	12,069
Sociedade Técnica de Fundições Gerais SA. - Sofunge "em liquidação"	2,511	29	-	(112)	100,00	(112)	29
						(15,435)	**2,378,666**

(*) Adjusted by unrealized profits

All amounts in thousands of Reais unless otherwise stated.

b. Changes in investments

Parent company	
AT DECEMBER 31, 2020	**2,307,818**
Share in the results of subsidiaries	(15,435)
Exchange variations of investees located abroad	86,283
AT SEPTEMBER 30, 2021	**2,378,666**
AT DECEMBER 31, 2021	**2,402,961**
Share in the results of subsidiaries	225,529
Exchange variations of investees located abroad	(96,265)
Tupy Minas Gerais payment of capital	299,977
Exchange variations of investees located abroad	(5,171)
AT SEPTEMBER 30, 2022	**2,827,031**

c. Tupy Minas Gerais Ltda.

On March 31, 2022, the Company's Board of Directors approved the conversion of the loan with the Parent Company into capital, in the amount of R$147,744 and on April 1, the amount of R$100,000 was transferred as capital payment.

On 19 of August the amount of R$52,236 was transferred in order to capital payment.

13. PROPERTY, PLANT AND EQUIPMENT

Parent company	Machinery, facilities and equipment	Buildings	Land	Vehicles	Furniture, fittings and other	Right of use	Construction in progress	Total
Cost								
AT DECEMBER 31, 2020	**1,718,484**	**362,866**	**8,948**	**21,844**	**6,063**	**19,724**	**29,033**	**2,166,962**
Addition	72,962	6,550	-	3,667	620	2,277	58,202	144,278
Disposal	(16,827)	(104)	-	(1,230)	(1)	-	-	(18,162)
AT DECEMBER 31, 2021	**1,774,619**	**369,312**	**8,948**	**24,281**	**6,682**	**22,001**	**87,235**	**2,293,078**
Addition	67,362	7,978	-	2,257	805	2,316	47,448	128,166
Disposal	(18,573)	(3,255)	-	(823)	(100)	-	-	(22,751)
AT SEPTEMBER 30, 2022	**1,823,408**	**374,035**	**8,948**	**25,715**	**7,387**	**24,317**	**134,683**	**2,398,493**
Depreciation								
AT DECEMBER 31, 2020	**(1,332,895)**	**(181,857)**	**-**	**(15,998)**	**(4,200)**	**(10,929)**	**-**	**(1,545,879)**
Depreciation in the year	(109,926)	(11,319)	-	(1,741)	(398)	(6,424)	-	(129,808)
Disposal	15,308	104	-	1,020	1	-	-	16,433
AT DECEMBER 31, 2021	**(1,427,513)**	**(193,072)**	**-**	**(16,719)**	**(4,597)**	**(17,353)**	**-**	**(1,659,254)**
Depreciation in the year	(80,346)	(10,355)	-	(1,256)	(347)	(4,152)	-	(96,456)
Disposal	25,811	1,661	-	788	61	-	-	28,321
AT SEPTEMBER 30, 2022	**(1,482,048)**	**(201,766)**	**-**	**(17,187)**	**(4,883)**	**(21,505)**	**-**	**(1,727,389)**
Carrying amount								
AT DECEMBER 31, 2021	347,106	176,240	8,948	7,562	2,085	4,648	87,235	633,824
AT SEPTEMBER 30, 2022	341,360	172,269	8,948	8,528	2,504	2,812	134,683	671,104

All amounts in thousands of Reais unless otherwise stated.

Consolidated	Machinery, facilities and equipment	Buildings	Land	Vehicles	Furniture, fittings and other	Right of use	Construction in progress	Total
Cost								
AT DECEMBER 31, 2020	**4,527,424**	**979,892**	**86,479**	**24,993**	**38,550**	**53,842**	**128,469**	**5,839,649**
Business combination adition	906,147	451,061	51,501	4,426	52,893	6,035	20,159	1,492,222
Addition	134,432	16,188	-	3,686	1,322	29,172	87,604	272,404
Exchange variation	192,411	40,985	5,696	210	1,389	2,974	6,878	250,543
Disposal	(150,741)	(104)	-	(1,265)	(1)	-	-	(152,111)
AT DECEMBER 31, 2021	**5,609,673**	**1,488,022**	**143,676**	**32,050**	**94,153**	**92,023**	**243,110**	**7,702,707**
Addition	129,739	(13,668)	-	2,257	4,562	6,913	91,596	221,399
Exchange variation	(146,144)	(51,598)	(2,581)	(239)	(5,184)	(2,735)	(5,993)	(214,474)
Disposal	(25,969)	(3,565)	-	(923)	(111)	-	-	(30,568)
AT SEPTEMBER 30, 2022	**5,567,299**	**1,419,191**	**141,095**	**33,145**	**93,420**	**96,201**	**328,713**	**7,679,064**
Depreciation								
AT DECEMBER 31, 2020	**(3,489,345)**	**(543,981)**	**-**	**(17,948)**	**(27,390)**	**(34,128)**	**-**	**(4,112,792)**
Business combination adition	(757,599)	(325,030)	-	(2,981)	(46,536)	-	-	(1,132,146)
Depreciation in the year	(247,872)	(29,583)	-	(2,053)	(2,738)	(14,532)	-	(296,778)
Exchange variation	(149,061)	(22,896)	-	(127)	(1,008)	(1,977)	-	(175,069)
Disposal	145,447	104	-	1,055	1	-	-	146,607
AT DECEMBER 31, 2021	**(4,498,430)**	**(921,386)**	**-**	**(22,054)**	**(77,671)**	**(50,637)**	**-**	**(5,570,178)**
Depreciation in the year	(188,934)	(29,349)	-	(1,645)	(3,056)	(12,582)	-	(235,566)
Exchange variation	127,747	34,836	-	201	4,841	626	-	168,251
Disposal	33,157	1,971	-	888	700	-	-	36,716
AT SEPTEMBER 30, 2022	**(4,526,460)**	**(913,928)**	**-**	**(22,610)**	**(75,186)**	**(62,593)**	**-**	**(5,600,777)**
Carrying amount								
AT DECEMBER 31, 2021	1,111,243	566,636	143,676	9,996	16,482	41,386	243,110	2,132,529
AT SEPTEMBER 30, 2022	1,040,839	505,263	141,095	10,535	18,234	33,608	328,713	2,078,287

The Company offered property, plant and equipment items as collateral for loans and financing of R$2,765 (R$5,821 as of December 31, 2021) and R$5,895 (R$5,895 as of December 31, 2021) as collateral for tax proceeding. Currently, the Company adopts guarantee insurance.

Construction in progress mainly comprises several investments at capacity, environment, job safety program, and expansion of machining capacity in the Mexico plants.

During the period of 2022, interest of loans and financing was capitalized on property, plant and equipment in the amount of R$4,350 (R$1,542 on September 30, 2021).

14. INTANGIBLE ASSETS

Parent company	Software	Internal projects	Projects in progress	Total
AT DECEMBER 31, 2020	**41,890**	**2,126**	**8,874**	**52,890**
Acquisition/costs	1,754	3,489	1,857	7,100
Amortization	(9,665)	(1,719)	-	(11,384)
AT DECEMBER 31, 2021	**33,979**	**3,896**	**10,731**	**48,606**
Acquisition/costs	2,131	373	2,443	4,947
Transfers	-	1,717	(1,717)	-
Amortization	(7,051)	(1,439)	-	(8,490)
AT SEPTEMBER 30, 2022	**29,059**	**4,547**	**11,457**	**45,063**

All amounts in thousands of Reais unless otherwise stated.

Consolidated	Software	Contractual customer relationships	Goodwill	Internal projects	Projects in progress	Total
AT DECEMBER 31, 2020	**46,148**	**73,372**	**41,226**	**2,126**	**8,874**	**171,746**
Business combination adition	6,767	-	-	-	-	6,767
Acquisition/costs	8,595	-	-	3,489	1,857	13,941
Disposal	(31)	-	-	-		(31)
Exchange variation	274	3,585	-	-	-	3,859
Disposal	(11,911)	(57,260)	-	(1,719)	-	(70,890)
AT DECEMBER 31, 2021	**49,842**	**19,697**	**41,226**	**3,896**	**10,731**	**125,392**
Acquisition/costs	15,024	-	-	373	2,443	17,840
Transfers	-	-	-	1,717	(1,717)	-
Disposal	(1,852)	-	-	-		(1,852)
Exchange variation	1,414	(1,913)	-	-	-	(499)
Amortization	(9,059)	(17,784)	-	(1,439)	-	(28,282)
AT SEPTEMBER 30, 2022	**55,369**	**-**	**41,226**	**4,547**	**11,457**	**112,599**

15. SUPPLIERS

	Parent company		Consolidated	
	Sep/22	**Dec/21**	**Sep/22**	**Dec/21**
Domestic suppliers	447,194	358,695	581,745	480,115
Foreign suppliers	55,668	52,049	621,768	668,381
Subtotal	**502,862**	**410,744**	**1,203,513**	**1,148,496**
Forfaiting operation	54,398	91,332	63,466	91,332
	557,260	**502,076**	**1,266,979**	**1,239,828**

The increment in the suppliers balances reflects the renegotiation of payment terms, increase in material prces and higher purchase volume when compared to December 2021.

The Company has contracts signed with Banco do Brasil S.A., Banco Itaú Unibanco S.A. and Banco Santander S.A. to structure, with its main suppliers, the operation called “fortfaiting”. In this operation, the suppliers transfer the right to receive the invoice to the financial institutions, which, in turn, become creditors of the operation. In this operation there is no charge of interest for the Company.

16. LOANS AND FINANCING

Parent company

	Maturity	Effective rate	Sep/22	Dec/21
Local currency			**43,056**	**10,117**
(a) FINEP	Jul/2032	10.20% p.a.	37,244	-
Sustainability	Jan/2025	5.59% p.a.	2,762	4,851
Leasing from right of use			3,050	5,266
Foreign currency			**1,914,266**	**2,009,584**
(b) Export prepayment - Tupy Overseas	Jul/2024	VC + 6.78% p.a.	1,914,266	2,009,584
Current portion			32,125	69,161
Non-current portion			1,925,197	1,950,540
			1,957,322	**2,019,701**

VC = Foreign exchange variation

All amounts in thousands of Reais unless otherwise stated.

Consolidated

	Maturity	Effective rate	Sep/22	Dec/21
Local currency			**456,829**	**464,177**
(a) FINEP	Jul/2032	10.20% p.a.	37,244	-
Sustainability	Jan/2025	6.30% p.a.	3,116	5,485
(c) Export credit notes	Feb/2025	CDI+1.66% p.a.	413,419	398,456
(d) Forfaiting operation	Jul/2022	17.3% p.a.	-	54,970
Leasing from right of use			3,050	5,266
Foreign currency			**2,054,064**	**2,147,047**
(e) Senior unsecured Notes - US$375.000	Feb/2031		2,022,599	2,110,005
Leasing from right of use			31,465	37,042
Current portion			200,040	507,486
Non-current portion			2,310,853	2,103,738
			2,510,893	**2,611,224**

VC = Foreign exchange variation
CDI = Interbank deposit certificate

Long term maturities are as follow:

	Parent company		Consolidated	
Year	**Sep/22**	**Dec/21**	**Sep/22**	**Dec/21**
2023	324	2,433	3,949	22,239
2024	1,887,737	1,948,076	177,322	481
2025 - 2030	28,841	31	109,841	31
2031	5,238	-	2,016,686	2,080,987
2032	3,057	-	3,055	-
	1,925,197	**1,950,540**	**2,310,853**	**2,103,738**

The fair value of the Company's loans and financing (classified at Level 2 of the fair value hierarchy) is calculated through the discount of the future payment flows based on the curves, interest rates and currencies observable in the financial market. At September 30, 2022, the fair value of loans and financing was R$2,061,589 (R$2,459,977 at December 31, 2021).

a) Ministry of Science and Technology's Research and Projects Financing institution - FINEP

This is financing for innovation projects obtained from the Financier of Studies and Projects - FINEP, contracted on July 14, 2022, credit line in the amount of R$103,000.

On September 6, 2022, the amount of R$37,080 was received, with an average term of 10 years, and 10.20% p.a. interest. Resources with costs in TJLP – Long-term interest rate.

The guarantees consist of a bank guarantee.

b) Export Prepayments – Tupy Overseas S.A.

In January and July, the Company paid interest of R$131,048 (in January and July of 2021 - R$125,773). The impact of foreign exchange variations during the three-months on the export prepayment amount with Tupy Overseas S.A. was a gain of R$56,119 (loss of R$84,626 in the period of nine-months ended September 30, 2021).

c) Export credit notes – NCE

In the business combination concluded at October 1, 2021, the Company assumed an export credit note agreements from Tupy Minas Gerais Ltda in the amount of R$390,166, notional and pro-rate interest, firmed with Banco Bradesco S.A. maturing until July 2022 and average rate of CDI + 1.87% p.a. During the period the amounting of R$385,000 was paid.

All amounts in thousands of Reais unless otherwise stated.

In February 11, 2022, Companys subsidiary Tupy Minas Gerais Ltda contracted an Export Credit Note with Banco do Brasil S.A. in the amount of R$405,000 with a rate of CDI + 1.62 p.a. and semestral amortization after February 10, 2023. The operation does not include covenants.

d) Forfaithing operation

Term extension operations carried out by Tupy Minas Gerais Ltda with Banco Daycoval S.A. and Banco Fidis S.A. The operations are contracted with a maximum due of 120 days and a rate of 17.3% p.a. During this period the amount of R$27,710 was settled and R$7,444 was contracted and fully paid until August , 2022.

e) Senior Unsecured Notes - US$ 375,000

In February 2021, the Company completed the issuance of bonds ("issuance") in the international market, through its subsidiary Tupy Overseas S.A. These bonds are guaranteed by the Parent company and amount to US$375,000 (R$2,018,063), with single amortization in February of 2031. Interest, at the coupon of 4.50% p.a., are paid on a semiannual basis, in February and August. The Senior Unsecured Notes are fully and jointly guaranteed by the Company.

In February and August interests were paid amounting of R$87,015. The exchange variation occurred in the quarter was a gain of R$65,977. The interest provision recognized was R$65,587.

Furthermore, the Issuance also includes non-financial Covenants. The main non-financial measure that could cause the early termination of the Issuance is the change in the Company's controlling interest in such a way that it decreases the external risk rating.

17. DEBENTURES

	Parent company		Consolidated	
	Sep/22	Dec/21	Sep/22	Dec/21
Current	9,683	-	9,683	-
Non-current	993,485	-	993,485	-
	1,003,168	**-**	**1,003,168**	**-**

On September 6, 2022, the Company concluded the 4th issue of debentures in the amount of R$1,000,000. The balance will be amortized in 02 (two) consecutive annual installments due on September 6, 2026 and 2027, with semiannual interest of CDI + 1.5% p.a.

The issuance costs totaled R$6,515 and will be amortized monthly over the duration of the transaction.

The resource of the Restricted Offer will be used to (i) finance the acquisition of 100% (one hundred percent) of the shares issued by International Indústria Automotiva da América do Sul Ltda. ("MWM") and/or (ii) cash reinforcement to meet the Issuer's commitments.

The debentures are simple, that means, they will not be convertible into shares issued by the Company.

The debentures not have a real or personal guarantee, or any segregation of the Issuer's assets in particular, not offering any privilege over the Issuer's assets to guarantee the Debenture Holders in case of need for judicial or extrajudicial execution of the obligations of the Issuer arising from the Debentures Issue, and will not grant any special or general privilege to the Debenture Holders, that is, without any preference, the Debenture Holders competing on equal terms with the other unsecured creditors, in the event of bankruptcy of the Issuer.

All amounts in thousands of Reais unless otherwise stated.

18. TAXES PAYABLES

	Parent company		Consolidated	
	Sep/22	Dec/21	Sep/22	Dec/21
Income taxes payable	18,402	-	124,881	39,340
Other taxes payable	3,178	8,181	59,087	33,103
	21,580	**8,181**	**183,968**	**72,443**

The increase between September 2022 and December 2021 is mainly due to the provision for income tax for the nine-months period of 2022 calculated in the subsidiary Tupy México Saltillo S.A. of C.V.

19. SALARIES, SOCIAL SECURITY CHARGES AND PROFIT SHARING

	Parent company		Consolidated	
	Sep/22	Dec/21	Sep/22	Dec/21
Salaries	25,214	24,395	40,638	37,540
Provision for vacation pay and 13th month salary	117,533	67,992	188,258	108,740
Social charges	20,085	15,728	49,485	56,867
Profit sharing	50,557	41,207	91,896	67,763
Private pension plan	602	559	602	559
	213,991	**149,881**	**370,879**	**271,469**

The increase mainly reflects the reconstitution of vacation and 13th month salary provisions.

20. PROVISIONS FOR TAX, CIVIL, SOCIAL SECURITY AND LABOR CONTINGENCIES

The Company is a party to ongoing proceedings arising in the normal course of its business and for which provisions for probable losses were recorded based on estimates made by its legal counsel.

The changes in the provisions for tax, civil, social security and labor proceedings in the nine-month period ended September 30, 2022 and the related judicial deposits were as follows:

Parent company

	Civil	Tax	Labor	Social security	Judicial deposits	Total
AT DECEMBER 31, 2020	**48,428**	**73,435**	**73,822**	**11,027**	**(20,245)**	**186,467**
Additions	-	1	13	-	(108)	(94)
Restatements	4,621	(283)	24,853	4,490	-	33,681
Remuneration	-	-	-	-	(385)	(385)
Payments	(11,761)	-	(27,818)	(7,176)	-	(46,755)
Deposit Redemption	-	-	-	-	11,045	11,045
AT DECEMBER 31, 2021	**41,288**	**73,153**	**70,870**	**8,341**	**(9,693)**	**183,959**
Additions	194	-	115	139	-	448
Restatements	3,799	3,144	21,131	158	-	28,232
Remuneration	-	-	-	-	(335)	(335)
Payments	(7,636)	(202)	(25,598)	-	-	(33,436)
Deposit Redemption	-	-	-	-	3,070	3,070
AT SEPTEMBER 30, 2022	**37,645**	**76,095**	**66,518**	**8,638**	**(6,958)**	**181,938**

Current	29,712
Non-current	152,226
	181,938

All amounts in thousands of Reais unless otherwise stated.

Consolidated

	Civil	Tax	Labor	Social security	Judicial deposits	Total
AT DECEMBER 31, 2020	**50,795**	**73,435**	**73,822**	**11,027**	**(20,245)**	**188,834**
Business combination adition	-	2,163	41,808	-	(14,003)	29,968
Additions	-	1	584	-	(714)	(129)
Restatements	5,966	(277)	23,194	4,490	-	33,373
Remuneration	-	-	-	-	(385)	(385)
Payments	(11,761)	-	(27,818)	(7,176)	-	(46,755)
Deposit Redemption	-	-	-	-	12,302	12,302
AT DECEMBER 31, 2021	**45,000**	**75,322**	**111,590**	**8,341**	**(23,045)**	**217,208**
Additions	194	-	9,227	139	(259)	9,301
Restatements	3,904	3,146	17,293	609	-	24,952
Remuneration	-	-	-	-	421	421
Payments	(7,573)	(202)	(25,598)	-	-	(33,373)
Deposit Redemption	-	-	-	-	3,361	3,361
AT SEPTEMBER 30, 2022	**41,525**	**78,266**	**112,512**	**9,089**	**(19,522)**	**221,870**

Current	29,712
Non-current	192,158
	221,870

The aforementioned provisions are adjusted mainly based on the Special System for Settlement and Custody (SELIC) rate, the impact of which on profit or loss for the period is described in Note 28.

Generally, the Company's provisions for legal proceedings are long term provisions. Considering the period necessary to conclude judicial proceedings in the Brazilian judicial system, making accurate estimates about the specific year in which a certain proceeding will be concluded is difficult. For this reason, the Company does not disclose the settlement flows of these liabilities.

Contingencies involving possible losses

	Parent company		Consolidated	
	Sep/22	Dec/21	Sep/22	Dec/21
IRPJ and CSLL processes	172,045	165,334	172,417	165,706
PIS, COFINS and IPI credits	172,827	165,134	172,827	165,134
ICMS credits	486,586	168,509	486,586	168,509
Expired tax debts	143,345	143,679	143,345	143,679
Reintegra credits	38,506	36,358	38,506	36,358
Social security	85,427	76,791	85,427	76,791
Labor lawsuits	75,407	68,710	125,408	120,098
Civil and other	73,101	67,492	73,400	67,819
	1,247,244	**892,007**	**1,297,916**	**944,094**

The proceedings involving a risk of loss deemed “possible” are, substantially, the same as those disclosed in Note 22 to the annual financial statements for the year ended December 31, 2021,

except for the increase of R$280,200 originating from a tax administrative proceeding by which the Santa Catarina Finance Department (Sefaz/SC) enquired the appropriation of ICMS credits, in the acquisition of goods used in the production process. The Company's assessment, supported by its tax advice, considered the credits based on legislation and jurisprudence, in light of the use of the items in the industrialization process of its products.

All amounts in thousands of Reais unless otherwise stated.

21. RETIREMENT BENEFIT OBLIGATIONS

The operations in Mexico have defined benefit obligations. The purpose of these plans is to offer employees retirement benefits, in addition to and complementing those provided by other retirement or pension plans, whether public or private. In addition, the Mexican legislation also establishes other defined benefits such as age premium and legal indemnity.

Consolidated		
Obligations recorded in the balance sheet	**Sep/22**	**Dec/21**
Social security plan benefits		
Pension plan	17,062	15,440
Other employee benefits		
Seniority premium	27,066	24,565
Legal indemnity	35,999	32,798
	80,127	**72,803**

22. ADVANCED FROM CLIENTS

	Parent company		Consolidated	
	Sep/22	**Dec/21**	**Sep/22**	**Dec/21**
Domestic market	20,187	22,313	20,187	51,440
Foreing market	2,858	2,046	77,681	74,381
	23,045	**24,359**	**97,868**	**125,821**

The variation in the customer advances account reflects the clearing of trade receivables.

23. OTHER LIABILITIES

	Parent company		Consolidated	
	Sep/22	**Dec/21**	**Sep/22**	**Dec/21**
Domestic market	17,072	20,130	20,675	39,378
Foreign market	39,651	47,282	69,052	78,898
	56,723	**67,412**	**89,727**	**118,276**

The others liabilities are mainly provisions for operating costs and expenses.

24. EQUITY

a) Share capital

	Sep/22		Dec/21	
Share capital breakdown in number of shares	**Number**	**%**	**Number**	**%**
Controlling stockholders				
BNDES Participações S.A. – BNDESPAR	40,645,370	28.2%	40,645,370	28.2%
Caixa de Previdência dos Funcionários do Banco do Brasil – PREVI	35,814,154	24.8%	35,814,154	24.8%
Officers	194,482	0.1%	194,482	0.1%
Treasury stock	51,023	0.0%	300	0.0%
Non-controlling interests				
Trígono Capital Ltda	14,477,100	10.0%	14,477,100	10.0%
Other stockholders	52,995,371	36.9%	53,046,094	36.9%
Total outstanding shares	**144,177,500**	**100.0%**	**144,177,500**	**100.0%**

All amounts in thousands of Reais unless otherwise stated.

b) Treasury stock

On May 12, the Company's Board of Directors approved the repurchase shares program in order to comply with the long-term incentive program. The maximum period for acquisition is November 13, 2023 and the share limit for repurchase is 4,000,000 common shares of its own issue.

As of September 30, 2022, the market value of treasury shares was R$1,280,677.30.

25. REVENUE

The reconciliation between gross and net sales and service revenue for the period is as follows:

	Parent company		Consolidated	
	9M22	9M21	9M22	9M21
Gross revenue	4,026,386	3,188,149	8,194,793	5,381,158
Returns and rebates	(33,901)	(37,992)	(138,494)	(104,916)
Revenue net of returns and rebates	**3,992,485**	**3,150,157**	**8,056,299**	**5,276,242**
Sales taxes	(309,095)	(252,724)	(468,973)	(252,724)
Net revenue	**3,683,390**	**2,897,433**	**7,587,326**	**5,023,518**
Net revenue				
Domestic market	1,287,716	1,043,046	2,024,476	1,043,046
Foreign market	2,395,674	1,854,387	5,562,850	3,980,472
	3,683,390	**2,897,433**	**7,587,326**	**5,023,518**

	Parent company		Consolidated	
	3Q22	3Q21	3Q22	3Q21
Gross revenue	1,531,788	1,225,304	2,923,185	1,969,779
Returns and rebates	(17,891)	(12,403)	(54,414)	(33,324)
Revenue net of returns and rebates	**1,513,897**	**1,212,901**	**2,868,771**	**1,936,455**
Sales taxes	(111,424)	(102,645)	(174,758)	(102,645)
Net revenue	**1,402,473**	**1,110,256**	**2,694,013**	**1,833,810**
Net revenue				
Domestic market	485,558	413,443	751,988	413,443
Foreign market	916,915	696,813	1,942,025	1,420,367
	1,402,473	**1,110,256**	**2,694,013**	**1,833,810**

All amounts in thousands of Reais unless otherwise stated.

26. COSTS AND EXPENSES BY NATURE

The composition of costs and expenses by nature, reconciled with the costs and expenses by function presented in the statement of income, is as follows:

	Parent company		Consolidated	
	9M22	9M21	9M22	9M21
Raw and processing materials	(1,870,704)	(1,430,195)	(3,702,201)	(2,504,572)
Maintenance and consumption materials	(164,401)	(156,518)	(473,480)	(330,871)
Salaries, payroll taxes and profit sharing	(642,080)	(527,892)	(1,360,236)	(953,297)
Social benefits	(74,651)	(62,762)	(103,437)	(63,932)
Electricity	(131,028)	(116,220)	(387,741)	(235,885)
Freight and commission on sales	(233,455)	(73,429)	(404,857)	(151,482)
Management fees	(17,261)	(13,025)	(17,261)	(13,025)
Other costs	(32,674)	(34,612)	(120,752)	(96,684)
	(3,166,254)	***(2,414,653)***	***(6,569,965)***	***(4,349,748)***
Depreciation	(104,618)	(106,213)	(245,734)	(223,055)
Costs and expenses total	**(3,270,872)**	**(2,520,866)**	**(6,815,699)**	**(4,572,803)**
Cost of products sold	(2,854,883)	(2,295,076)	(6,132,683)	(4,204,756)
Selling expenses	(265,601)	(93,270)	(455,722)	(190,394)
Administrative expenses	(150,388)	(132,520)	(227,294)	(177,653)
Costs and expenses total	**(3,270,872)**	**(2,520,866)**	**(6,815,699)**	**(4,572,803)**

	Parent company		Consolidated	
	3Q22	3Q21	3Q22	3Q21
Raw and processing materials	(708,491)	(536,617)	(1,315,586)	(911,585)
Maintenance and consumption materials	(61,358)	(52,348)	(163,251)	(113,243)
Salaries, payroll taxes and profit sharing	(226,696)	(184,598)	(471,921)	(326,754)
Social benefits	(25,499)	(24,385)	(36,176)	(25,176)
Electricity	(42,699)	(39,131)	(136,791)	(81,395)
Freight and commission on sales	(98,273)	(28,146)	(161,464)	(54,629)
Management fees	(5,923)	(4,329)	(5,923)	(4,329)
Other costs	(9,464)	(11,407)	(44,759)	(27,719)
	(1,178,403)	***(880,961)***	***(2,335,871)***	***(1,544,830)***
Depreciation	(35,045)	(34,801)	(81,704)	(71,704)
Costs and expenses total	**(1,213,448)**	**(915,762)**	**(2,417,575)**	**(1,616,534)**
Cost of products sold	(1,050,189)	(834,457)	(2,158,931)	(1,489,915)
Selling expenses	(109,477)	(37,190)	(179,210)	(69,196)
Administrative expenses	(53,782)	(44,115)	(79,434)	(57,423)
Costs and expenses total	**(1,213,448)**	**(915,762)**	**(2,417,575)**	**(1,616,534)**

The increase in costs and expenses is mainly due to the higher sales volume due to the merger of Tupy Minas Gerais Ltda. and Funfrap – Fundição Portuguesa S.A., due to the inflation of materials, the significant increase in freight expenses and salary negotiation on the base date.

All amounts in thousands of Reais unless otherwise stated.

27. FINANCE RESULTS

	Parent company		Consolidated	
Finance results	**9M22**	**9M21**	**9M22**	**9M21**
Financial liabilities at amortized cost	***(99,477)***	***(105,224)***	***(116,347)***	***(136,900)***
Borrowing	(97,746)	(104,976)	(114,616)	(136,652)
Notes payable and other financial liabilities	(1,731)	(248)	(1,731)	(248)
Financial assets at fair value through profit or loss	-	***(7,457)***	-	***(7,457)***
Credits - Eletrobrás (note)	-	(7,457)	-	(7,457)
Other finance costs	***(7,803)***	***(7,323)***	***(23,466)***	***(15,141)***
Finance costs	**(107,280)**	**(120,004)**	**(139,813)**	**(159,498)**
Financial assets at fair value through profit or loss	***771***	***19,738***	***771***	***19,738***
Credits - Eletrobrás (note)	-	19,629	-	19,629
Investments in equity instruments	771	109	771	109
Amortized cost	***42,311***	***13,354***	***42,311***	***13,354***
Cash and cash equivalents	42,311	13,354	42,311	13,354
Tax credits and other finance income	***8,075***	***3,559***	***9,820***	***4,587***
Finance income	**51,157**	**36,651**	**52,902**	**37,679**
Monetary and foreign exchange variations, net				
Foreign exchange variations	1,360	11,899	(30,167)	8,555
Derivative financial instruments	11,336	(2,542)	15,239	(3,147)
Foreign exchange variations, net	**12,696**	**9,357**	**(14,928)**	**5,408**
Finance results, net	**(43,427)**	**(73,996)**	**(101,839)**	**(116,411)**

	Parent company		Consolidated	
Finance results	**3Q22**	**3Q21**	**3Q22**	**3Q21**
Financial liabilities at amortized cost	***(40,089)***	***(34,257)***	***(46,063)***	***(25,076)***
Borrowing	(40,184)	(34,219)	(46,158)	(25,038)
Notes payable and other financial liabilities	95	(38)	95	(38)
Financial assets at fair value through profit or loss	-	***(4,375)***	-	***(4,375)***
Credits - Eletrobrás (note)	-	(4,375)	-	(4,375)
Other finance costs	***(3,121)***	***(3,196)***	***(6,436)***	***(5,642)***
Finance costs	**(43,210)**	**(41,828)**	**(52,499)**	**(35,093)**
Financial assets at fair value through profit or loss	***(99)***	***(289)***	***(99)***	***(289)***
Investments in equity instruments	(99)	(289)	(99)	(289)
Amortized cost	***19,346***	***6,165***	***19,346***	***6,165***
Cash and cash equivalents	19,346	6,165	19,346	6,165
Tax credits and other finance income	***1,340***	***1,364***	***3,494***	***1,816***
Finance income	**20,587**	**7,240**	**22,741**	**7,692**
Monetary and foreign exchange variations, net				
Foreign exchange variations	22,357	29,154	17,389	35,547
Derivative financial instruments	112	(8,298)	2,410	(9,382)
Foreign exchange variations, net	**22,469**	**20,856**	**19,799**	**26,165**
Finance results, net	**(154)**	**(13,732)**	**(9,959)**	**(1,236)**

All amounts in thousands of Reais unless otherwise stated.

28. OTHER OPERATING INCOME (EXPENSES)

	Parent company		Consolidated	
	9M22	9M21	9M22	9M21
Recognition of Reintegra (note 7)	(52,694)	-	(52,694)	-
Constitution and restatement of provision	(28,680)	(28,276)	(34,061)	(29,391)
Disposals of property, plant and equipment	1,807	(818)	533	(2,036)
Result on the sale of unusable and other assets	(7,632)	(54,820)	(4,049)	(51,873)
	(87,199)	*(83,914)*	*(90,271)*	*(83,300)*
Depreciation of non-operating assets	(328)	(467)	(330)	(469)
Amortization of intangible assets (note 13)	-	-	(17,784)	(42,397)
Total other operating expenses, net	**(87,527)**	**(84,381)**	**(108,385)**	**(126,166)**

	Parent company		Consolidated	
	3Q22	3Q21	3Q22	3Q21
Recognition of Reintegra (note 8)	(52,694)	-	(52,694)	-
Constitution and restatement of provision	(11,098)	(9,606)	(11,332)	(9,736)
Disposals of property, plant and equipment	444	(305)	398	(527)
Result on the sale of unusable and other assets	5,507	(2,619)	5,998	(2,394)
	(57,841)	*(12,530)*	*(57,630)*	*(12,657)*
Depreciation of non-operating assets	(84)	(154)	(85)	(154)
Amortization of intangible assets	-	-	-	(13,858)
Total other operating expenses, net	**(57,925)**	**(12,684)**	**(57,715)**	**(26,669)**

29. INCOME TAX AND SOCIAL CONTRIBUTION IN THE RESULTS

	Parent company		Consolidated	
	9M22	9M21	9M22	9M21
Net income (loss) before tax effects	**507,093**	**202,755**	**561,403**	**208,138**
Statutory tax rate	34%	34%	34%	34%
Expenses at statutory rate	(172,412)	(68,937)	(190,877)	(70,767)
Tax effect of permanent (additions) exclusions:				
Additional income tax (Services Companies – Mexico)	-	-	1,443	(9,616)
Tax overpayments	21,836	-	21,836	-
Reintegra – benefit	781	606	781	606
Depreciation of non-operating assets	(112)	(159)	(112)	(159)
Effect of correction of fixed assets	-	-	(1,245)	(1,321)
Interests on capital	11,020	13,646	11,020	13,646
Share of results of subsidiaries	76,680	(5,248)	-	-
Other permanent (additions) exclusions	6,785	(929)	23,395	5,815
Tax effects recorded in the statement of income before	**(55,422)**	**(61,021)**	**(133,759)**	**(61,796)**
Effective rate of income tax before exchange effects	**11%**	**30%**	**24%**	**30%**
Effect of functional currency on tax base (a)	-	-	18,177	(4,608)
Tax effects recorded in the statement of income	**(55,422)**	**(61,021)**	**(115,582)**	**(66,404)**
Effective rate of income tax	**11%**	**30%**	**21%**	**32%**

	Parent company		Consolidated	
	3Q22	3Q21	3Q22	3Q21
Net income (loss) before tax effects	**198,541**	**176,338**	**208,764**	**189,371**
Statutory tax rate	34%	34%	34%	34%
Expenses at statutory rate	(67,504)	(59,955)	(70,980)	(64,386)
Tax effect of permanent (additions) exclusions:				
Additional income tax (Services Companies – Mexico)	-	-	663	(567)
Tax overpayments	21,836	-	21,836	-
Reintegra – benefit	298	222	298	222
Effect of correction of fixed assets	-	-	3,521	4,517
Depreciation of non-operating assets	(29)	(53)	(29)	(53)
Interests on capital	11,020	6,968	11,020	6,968
Share of results of subsidiaries	22,982	2,808	-	-
Other permanent (additions) exclusions	7,145	(1,178)	16,706	1,361
exchange effects	**(4,252)**	**(51,188)**	**(16,965)**	**(51,938)**
Effective rate of income tax before exchange effects	**2%**	**29%**	**8%**	**27%**
Effect of functional currency on tax base (a)	-	-	450	(12,283)
Tax effects recorded in the statement of income	**(4,252)**	**(51,188)**	**(16,515)**	**(64,221)**
Effective rate of income tax	**2%**	**29%**	**8%**	**34%**

All amounts in thousands of Reais unless otherwise stated.

a) Effect of Functional currency on tax

The tax bases of assets and liabilities of the companies located in Mexico, where the functional currency is the U.S. dollar, are held in Mexican Pesos at their historical values. Fluctuations in exchange rates change the tax bases and consequently exchange effects are recognized as revenues and / or expenses for deferred income tax.

b) Composition of the tax effects recorded in the statement of income:

	Parent company		Consolidated	
	9M22	9M21	9M22	9M21
Tax effects recorded in the statement of income				
Current income tax and social contribution	(60,638)	(59,565)	(161,864)	(101,931)
Deferred income tax and social contribution	5,216	(1,456)	46,282	35,527
	(55,422)	**(61,021)**	**(115,582)**	**(66,404)**

	Parent company		Consolidated	
	3Q22	3Q21	3Q22	3Q21
Tax effects recorded in the statement of income				
Current income tax and social contribution	10,456	(12,152)	(15,990)	(34,098)
Deferred income tax and social contribution	(14,708)	(39,036)	(525)	(30,123)
	(4,252)	**(51,188)**	**(16,515)**	**(64,221)**

30. EARNINGS PER SHARE

a) Basic:

Basic earnings per share is calculated by dividing profit attributable to equity holders by the weighted average number of common shares outstanding during the period.

	3Q22	3Q21	9M22	9M21
Profit attributable to the stockholders of the Company	194,289	125,150	451,671	141,734
Outstanding shares	144,147,672	144,175,025	144,147,672	144,175,025
Basic results per share - R$	**1.34785**	**0.86804**	**3.13339**	**0.98307**

b) Diluted:

Diluted earnings per share is measured by the weighted average number of common shares outstanding, with the addition of the weighted average number of common shares that would be issued on conversion of all the dilutive potential common shares. The Company issue a potential convertible stock option plan. The number of common shares that would be issued is determined from fair value, based on the monetary value of subscription rights linked to outstanding stock options.

	3Q22	3Q21	9M22	9M21
Profit attributable to the stockholders of the Company	194,289	125,150	451,671	141,734
Outstanding shares	144,938,410	145,061,308	144,938,410	145,061,308
Diluted results per share - R$	**1.34049**	**0.86274**	**3.11630**	**0.97706**

31. SEGMENT REPORTING

The Company discloses information by operating segment based on the information reported to management and utilized in decision-making, in order to allocate funds to the segments and to assess their performance, as described below:

All amounts in thousands of Reais unless otherwise stated.

Transportation, infrastructure & agriculture - manufacture, to order, of cast and machined products, with significant technological content, such as powertrain (blocks and cylinder heads), brake, transmission, steering, axle and suspension components for global manufacturers of engines, passenger vehicles, commercial vehicles (trucks, buses, etc.), construction machines, tractors, agricultural machines, power generators and capital goods.

Hydraulics - manufacture of flexible iron connections for the construction industry and cast-iron shapes for general use

The following is the information on each reported segment:

a) Reconciliation of revenue, costs, expenses and profit

Consolidated	Tranportation, infrastructure & agriculture		Hydraulics		Total	
	9M22	9M21	9M22	9M21	9M22	9M21
Net revenue (Note 24)	7,308,017	4,781,228	279,309	242,290	7,587,326	5,023,518
Costs and expenses, except depreciation (Note 25)	(6,328,644)	(4,153,343)	(241,321)	(196,405)	(6,569,965)	(4,349,748)
Other operating expenses, net, except amortization of intangible assets and depreciation (Note 27)	(86,996)	(79,606)	(3,275)	(3,694)	(90,271)	(83,300)
Depreciation and amortization	(257,889)	(259,551)	(5,959)	(6,370)	(263,848)	(265,921)
Profit before finance results	**634,488**	**288,728**	**28,754**	**35,821**	**663,242**	**324,549**
Finance results (Note 26)					(101,839)	(116,411)
Profit before taxation					**561,403**	**208,138**
Income tax and social contribution (Note 28)					(115,582)	(66,404)
Profit (loss) for the period					**445,821**	**141,734**

Consolidated	Tranportation, infrastructure & agriculture		Hydraulics		Total	
	3Q22	3Q21	3Q22	3Q21	3Q22	3Q21
Net revenue (Note 24)	2,596,365	1,741,386	97,648	92,424	2,694,013	1,833,810
Costs and expenses, except depreciation (Note 25)	(2,251,334)	(1,473,549)	(84,537)	(71,281)	(2,335,871)	(1,544,830)
Other operating expenses, net, except amortization of intangible assets and depreciation (Note 27)	(57,630)	(11,473)	-	(1,184)	(57,630)	(12,657)
Depreciation and amortization	(79,754)	(83,515)	(2,035)	(2,201)	(81,789)	(85,716)
Profit before finance results	**207,647**	**172,849**	**11,076**	**17,758**	**218,723**	**190,607**
Finance results (Note 26)					(9,959)	(1,236)
Profit before taxation					**208,764**	**189,371**
Income tax and social contribution (Note 28)					(16,515)	(64,221)
Profit (loss) for the quarter					**192,249**	**125,150**

b) Reconciliation of costs and expenses by segment

Consolidated	Tranportation, infrastructure & agriculture		Hydraulics		Total	
	9M22	9M21	9M22	9M21	9M22	9M21
Raw and processing materials	(3,567,044)	(2,397,344)	(135,157)	(107,228)	(3,702,201)	(2,504,572)
Maintenance and consumption materials	(462,318)	(320,131)	(11,162)	(10,740)	(473,480)	(330,871)
Salaries and payroll taxes	(1,307,953)	(903,893)	(52,283)	(49,404)	(1,360,236)	(953,297)
Social benefits	(101,961)	(62,632)	(1,476)	(1,300)	(103,437)	(63,932)
Electricity	(373,801)	(220,719)	(13,940)	(15,166)	(387,741)	(235,885)
Depreciation	(239,775)	(216,685)	(5,959)	(6,370)	(245,734)	(223,055)
Freight and commissions on sales	(381,811)	(135,949)	(23,046)	(15,533)	(404,857)	(151,482)
Management fees	(15,879)	(11,982)	(1,382)	(1,043)	(17,261)	(13,025)
Other costs	(117,877)	(100,693)	(2,875)	4,009	(120,752)	(96,684)
	(6,568,419)	**(4,370,028)**	**(247,280)**	**(202,775)**	**(6,815,699)**	**(4,572,803)**

All amounts in thousands of Reais unless otherwise stated.

Consolidated	Tranportation, infrastructure & agriculture		Hydraulics		Total	
	3Q22	3Q21	3Q22	3Q21	3Q22	3Q21
Raw and processing materials	(1,267,748)	(872,840)	(47,838)	(38,745)	(1,315,586)	(911,585)
Maintenance and consumption materials	(159,475)	(109,765)	(3,776)	(3,478)	(163,251)	(113,243)
Salaries and payroll taxes	(454,629)	(309,715)	(17,292)	(17,039)	(471,921)	(326,754)
Social benefits	(35,672)	(24,676)	(504)	(500)	(36,176)	(25,176)
Electricity	(132,476)	(76,474)	(4,315)	(4,921)	(136,791)	(81,395)
Depreciation	(79,765)	(69,683)	(1,939)	(2,021)	(81,704)	(71,704)
Freight and commissions on sales	(152,071)	(49,065)	(9,393)	(5,564)	(161,464)	(54,629)
Management fees	(5,449)	(3,982)	(474)	(347)	(5,923)	(4,329)
Other costs	(43,718)	(26,852)	(1,041)	(867)	(44,759)	(27,719)
	(2,331,003)	**(1,543,052)**	**(86,572)**	**(73,482)**	**(2,417,575)**	**(1,616,534)**

c) Reconciliation of assets and liabilities

Consolidated	Tranportation, infrastructure & agriculture		Hydraulics		Total	
ASSETS	Sep/22	Dec/21	Sep/22	Dec/21	Sep/22	Dec/21
Trade account receivables (Note 4)	1,936,213	1,208,792	58,689	42,305	1,994,902	1,251,097
Inventories (Note 5)	1,480,017	1,400,448	109,322	87,486	1,589,339	1,487,934
Tooling (Note 6)	149,266	141,703	-	-	149,266	141,703
Other assets (Note 10)	159,856	100,834	5,971	6,035	165,827	106,869
Property, plant and equipment (Note 13)	2,036,026	2,088,032	42,261	44,497	2,078,287	2,132,529
Intangible assets (Note 14)	112,599	125,392	-	-	112,599	125,392
Other assets not allocated	-	-	-	-	2,878,003	2,265,104
Total assets	**5,873,977**	**5,065,201**	**216,243**	**180,323**	**8,968,223**	**7,510,628**

Consolidated	Tranportation, infrastructure & agriculture		Hydraulics		Total	
LIABILITIES	Sep/22	Dec/21	Sep/22	Dec/21	Sep/22	Dec/21
Trade accounts payables (Note 15)	1,228,648	1,210,308	38,331	29,520	1,266,979	1,239,828
Income taxes payable	181,594	71,543	2,374	900	183,968	72,443
Salaries, social security charges and profit sharin	353,760	259,479	17,119	11,990	370,879	271,469
Advances from customers	94,189	113,191	4,414	12,630	98,603	125,821
Other liabilities (Note 22)	82,478	111,027	7,249	7,249	89,727	118,276
Deferred tax on intangible assets (Note 9)	-	5,909	-	-	-	5,909
Other liabilities not allocated	-	-	-	-	3,855,788	2,923,668
Equity (Note 23)	-	-	-	-	3,102,279	2,753,214
Total liabilities and equity	**1,940,669**	**1,771,457**	**69,487**	**62,289**	**8,968,223**	**7,510,628**

Segment-specific assets and liabilities are allocated directly to each segment, and criteria relating to the applicability and origin are used for common assets and liabilities. The Company does not allocate cash and cash equivalents, recoverable and deferred taxes, judicial and other deposits, and investments in companies to the reporting segments, as they are not directly related to the operations. For the same reason, loans and financing, dividends, provisions, deferred taxes and other long-term liabilities are also not allocated to the segments.

All amounts in thousands of Reais unless otherwise stated.

d) Major customers accounting for over 10% of the Company's total revenue

The Company has a diversified portfolio of local and foreign customers. The transportation, infrastructure & agriculture segment has customers that individually account for more than 10% of consolidated revenue, as follows:

Consolidated

Revenue	3Q22	%	3Q21	%	9M22	%	9M21	%
Tranportation, infrastructure & agricultur	**2,596,365**	**96.4**	**1,741,386**	**95.0**	**7,308,017**	**96.3**	**4,781,228**	**95.2**
Customer A	449,397	16.7	388,425	21.2	1,271,840	16.8	1,021,772	20.3
Customer B	405,989	15.1	311,166	17.0	1,154,733	15.2	938,701	18.7
Other customers	1,740,979	64.6	1,041,795	56.8	4,881,444	64.3	2,820,755	56.2
Hydraulics	**97,648**	**3.6**	**92,424**	**5.0**	**279,309**	**3.7**	**242,290**	**4.8**
Total Revenue	**2,694,013**	**100.0**	**1,833,810**	**100.0**	**7,587,326**	**100.0**	**5,023,518**	**100.0**

The sales in the Hydraulics segment are diversified.

e) Information on the countries from which the Company derives revenue

The revenue derived from customers in Brazil and from customers in each foreign country and their respective shares in the Company's total revenue for the period, are as follows:

Consolidated

	3Q22	%	3Q21	%	9M22	%	9M21	%
North America	**1,350,012**	**50.2**	**1,086,887**	**59.3**	**3,898,112**	**51.4**	**3,058,785**	**60.9**
United States	802,607	29.8	670,285	36.6	2,360,952	31.1	1,811,963	36.1
Mexico	526,734	19.6	408,492	22.3	1,477,446	19.5	1,223,024	24.3
Canada	20,671	0.8	8,110	0.4	59,714	0.8	23,798	0.5
South and Central Americas	**774,161**	**28.7**	**431,464**	**23.5**	**2,077,469**	**27.4**	**1,082,941**	**21.6**
Brazil - head office	751,988	27.9	413,443	22.5	2,024,476	26.7	1,043,046	20.8
Other countries	22,173	0.8	18,021	1.0	52,993	0.7	39,895	0.8
Europe	**461,957**	**17.2**	**219,645**	**11.9**	**1,349,312**	**17.6**	**638,155**	**12.7**
United Kingdom	124,250	4.6	45,930	2.5	288,857	3.8	187,879	3.7
Sweden	56,485	2.1	35,560	1.9	184,158	2.4	124,936	2.5
Netherlands	43,054	1.6	368	-	146,804	1.9	66,881	1.3
Hungary	11	-	23,858	1.3	10,389	0.1	60,186	1.2
Italy	147,612	5.5	351	-	466,577	6.1	40,054	0.8
Germany	37,021	1.4	8,779	0.5	84,498	1.1	34,272	0.7
Other countries	53,524	2.0	104,799	5.7	168,029	2.2	123,947	2.5
Asia, Africa and Oceania	**107,883**	**3.9**	**95,814**	**5.3**	**262,433**	**3.6**	**243,637**	**4.8**
Japan	73,640	2.7	45,262	2.5	150,395	2.0	113,723	2.3
Thailand	4,396	0.2	617	-	14,030	0.2	5,466	0.1
South Africa	1,835	0.1	35,582	1.9	24,624	0.3	76,999	1.5
China	24,442	0.9	9,685	0.5	61,803	0.8	40,056	0.8
Other countries	3,570	-	4,668	0.4	11,581	0.3	7,393	0.1
Total	**2,694,013**	**100.0**	**1,833,810**	**100.0**	**7,587,326**	**100.0**	**5,023,518**	**100.0**

All amounts in thousands of Reais unless otherwise stated.

32. FINANCIAL INSTRUMENTS

	Note	Parent company Sep/22	Parent company Dec/21	Consolidated Sep/22	Consolidated Dec/21
Financial assets at amortized cost		**2,629,516**	**1,593,196**	**4,137,034**	**2,643,761**
Cash and cash equivalents	3	1,471,775	712,364	1,968,041	1,272,445
Trade account receivables(*)	4	1,092,474	684,487	1,994,902	1,251,097
Mutuo		-	125,198	-	-
Notes and other financial assets		65,267	71,147	174,091	120,219
Effect on the Income Statement		*38,583*	*17,478*	*39,590*	*16,936*
Financial assets at fair value through profit or loss		**4,718**	**2,483**	**18,612**	**13,112**
Investments in equity instruments		2,868	2,097	13,262	12,434
Derivative financial instruments	32	1,850	386	5,350	678
Effect on the Income Statement		*20,687*	*19,288*	*22,167*	*18,855*
Financial liabilities at amortized cost		**3,572,826**	**2,614,533**	**4,869,968**	**3,996,267**
Trade accounts payables		557,260	502,076	1,266,979	1,239,828
Loans and financing	16	1,920,078	2,019,701	2,473,649	2,611,224
Debentures	17	1,003,168	-	1,003,168	-
Dividends and interest on capital		32,565	22,312	32,565	22,312
Notes payable and other financial liabilities		59,755	70,444	93,607	122,903
Effect on the Income Statement		*(99,477)*	*(105,224)*	*(116,347)*	*(136,900)*
Financial liabilities at fair value through profit or loss		**37,244**	**-**	**37,244**	**-**
Loans and financing	16	37,244	-	37,244	-
Financial liabilities at fair value through profit or loss		**3,069**	**1,220**	**3,285**	**1,403**
Derivative financial instruments	25	3,069	1,220	3,285	1,403
Effect on the Income Statement		*(8,580)*	*(2,092)*	*(6,157)*	*(2,264)*

(*) Includes the provision for impaired receivables

33. DERIVATIVE FINANCIAL INSTRUMENTS AND HEDGE OF NET INVESTMENT ABROAD

a) Derivative financial instruments

In order to minimize the impact of foreign exchange rate on future cash flows, the Company contracted derivative financial instruments such as purchasing a "PUT" and ZCC – "zero-cost collar" operations which consists of purchasing a "PUT" option and the sale of a "CALL" option. Those operations have the same notional value, same counterparty, same maturity and there is no net premium. The fair value of this instrument is determined by observable market pricing model (through market information providers) and widely used by market participants to measure similar instruments.

The conflict between Russia and Ukraine has led to an increase in uncertainty around the world economic scenario. The inflationary persistence has increased the expectation of higher interest rate trajectories worldwide. In this scenario, the dynamics of emerging currencies continues to be influenced by the different magnitudes of monetary shrinkage between countries, in addition to changes in the perception of endogenous and exogenous risk-return to these countries. In the comparison between December 31, 2021 and September 30, 2022, the real reduced by 0.60% against the US Dollar, and the Mexican Peso increased by 2.37%.

i. Parent company

On September 30, 2022, financial instruments totaled the amount of US$62,300 in zero-cost collar operations, consisting of: purchase of PUT with average exercise price of R$5.05 and sales of CALL with average price average of R$5.89 with maturing up to June 05, 2023.

All amounts in thousands of Reais unless otherwise stated.

In the period ended in September 30, 2022, the Company recognized in financial results a gain of R$11,336, considering R$11,721 was received of settlement of contracts in the period and loss R$385 due to the mark-to-market of these instruments.

In the same period of the previously year the Company recognized in financial results a loss of R$2,542. Which R$122 was received of settlement of contracts in the period and loss R$2,664 due to the mark-to-market of these instruments.

ii. Subsidiaries

In September 30, 2022, the subsidiaries derivative financial instruments in US dolar was US$58,000, in the zero-cost collar operation, which were made purchasing "PUT" with an average weighted price of exercise of MXN20.09 and sales "CALL" with an average weighted price of exercise of MXN22.20, with a due date at August 25, 2023.

The derivative financial instruments in EURO was US$9,300 in the zero-cost collar type. Which were made purchasing "PUT" with an average weighted price of exercise of EUR4.88 and sales "CALL" with an average weighted price of exercise of EUR6.06, with a due date at May 18, 2023.

On September 30, 2022, the subsidiaries recognized in their finance results as gain the amount of R$3,905, which R$919 was received of settlement of contracts in the period and gain R$2,984 due to the mark to market of these instruments.

On September 30, 2021, the Mexican subsidiaries recognized in their finance results a loss amount of R$607 due to the loss for the mark to market of these instruments

iii. Consolidated

In the period ended September 30, 2022, a gain of R$15,239 was recognized in the Consolidated financial result, considering R$12,640 was received of settlement of contracts in the period and gain R$2,599 due to the mark to market of these instruments.

In the same period of the previously year was recognized loss of R$3,149, which R$122 was received of settlement of contracts in the period and loss of R$3,027 from the mark-to-market of these instruments.

Below are the net open positions at September 30, 2022 and December 31, 2021:

	Parent company		Consolidated	
	Sep/22	Dec/21	Sep/22	Dec/21
Financial derivative instruments				
Liabilities	(3,069)	(1,220)	(3,285)	(1,403)
Assets	1,850	386	5,350	678
Financial derivative instruments, net	**(1,219)**	**(834)**	**2,065**	**(725)**

Below are the demonstrate the variation in the period and the due position at September 30, 2022:

All amounts in thousands of Reais unless otherwise stated.

	Parent company	Subsidiaries	Consolidated
Recognized in financial results	11,336	2,987	14,323
Settlement	(11,721)	(919)	(12,640)
Market to market	(385)	2,068	1,683
Foreign exchange impact	-	114	114
AT December 31, 2021	(834)	109	(725)
AT SEPTEMBER 30, 2022	**(1,219)**	**2,291**	**1,072**
Maturity date			
Due June 30, 2022	(399)	1,569	1,170
Due September 30, 2022	(288)	1,060	772
AT December 31, 2022	(532)	549	17
AT March 31, 2023	-	106	106
AT SEPTEMBER 30, 2022	**(1,219)**	**3,284**	**2,065**

b) Hedges of net investments abroad

With the objective of mitigating the effects of foreign exchange volatility on the results, the Company adopted hedges for the net investments abroad on January 10, 2014, as presented in the annual financial statement of year ended December 31, 2021 note 35.b.

In September 30, 2022, the Company has export prepayment contracts amounting to US$349,000, equivalent to R$1,886,903 as hedges of the investments in the subsidiaries in Mexico, Tupy México Saltillo, S.A. de C.V. and Technocast, S.A. de C.V., the functional currency of which is the U.S. dollar, and which had net assets of US$367,514, equivalent to R$1,987,003 representing 95.0% effectiveness.

In the period of 9 months ended on September 30, 2022, the Company recognized in carrying value adjustments, within equity, a gain of R$45,726 result of the conversion of the prepayment contracts designated as hedge instruments. As a result, the investments in the Mexicans subsidiaries resulted in a loss of R$96,265. Considering the tax effect was gain of R$15,547, the net value was a loss of R$66,086.

During the nine-months period of 2021, the Company recognized in carrying value adjustments, within equity, a gain of R$86,283 result of the conversion of the prepayment contracts designated as hedge instruments. As a result, the investments in the Mexicans subsidiaries resulted in a loss of R$81,024. The tax effect was a gain of R$27,544, and the net loss was R$32,803.

34. FINANCIAL RISK MANAGEMENT

The Company has a financial management policy and internal procedures monitored by Risk and internal controlling area, which determines practices to identify, monitoring and controlling the exposure to financial risk.

34.1 Credit risk

Credit risk arises from cash and cash equivalents, derivative financial instruments and financial investments, as well from credit exposure to customers, including outstanding trade receivables.

All amounts in thousands of Reais unless otherwise stated.

The Company sets exposure limits for each customer to limit the credit risk on trade receivables and risks are managed according to specific credit rating criteria, which include an analysis of customers in based on their payment ability, indebtedness level, market behavior and history with the Company. Furthermore, the Company carries out quantitative and qualitative analyses of its portfolio of trade receivables in order to determine the estimate for expected losses on receivables. As at September 30, 2022, expected losses on trade receivables amounted to R$19,258 (R$11,256 as at December 31, 2021), representing 1.0% of the consolidated balance of outstanding receivables at that date (0.9% as at December 31, 2021).

Considering the assets nature and historical indicators, the Company does not hold credit guarantee to cover credit risks related to its financial assets.

Credit quality of financial assets

The credit quality of financial assets is assessed by reference to external credit ratings (if available) or based on historical information about counterparty default rates.

	Parent company		Consolidated	
	Sep/22	Dec/21	Sep/22	Dec/21
Counterparties with external credit ratings*				
Cash and cash equivalents	**1,471,775**	**712,364**	**1,968,041**	**1,272,445**
AAA	1,173,399	385,275	1,291,652	443,614
AA+ / AA / AA-	298,376	267,220	298,376	361,614
A+ / A / A-	-	59,869	377,388	467,217
Outros	-	-	625	-
Derivative financial	**1,850**	**386**	**5,350**	**678**
AA+ / AA / AA-	1,850	264	5,350	264
AA+	-	25	-	25
Others	-	97	-	389
Counterparties without external credit rating				
Trade receivables	**1,092,474**	**684,487**	**1,994,902**	**1,251,097**
Low risk	1,033,785	642,364	1,936,213	1,208,974
Moderate risk	58,689	42,123	58,689	42,123
High risk	7,255	4,439	19,258	11,197
Provision for impairment of trade receivables	(7,255)	(4,439)	(19,258)	(11,197)
Other financial assets	**68,135**	**73,244**	**187,353**	**132,653**
Total	**2,634,234**	**1,470,481**	**4,155,646**	**2,656,873**

(*) The Company considers, for the classification of risk, the lowest rating between the rating agencies.
(**) It does not consider provision for impairment of trade receivables

The risk assessment of trade receivables is as follows:

- Low risk - transportation, infrastructure & agriculture segment customers, except those customers with a history of losses.
- Moderate risk - hydraulics segment customers, except those who already have a history of losses.
- High risk - customers with provisioned balances and historical losses.

The other financial assets held by the Company are considered of high quality and do not present indications of losses.

34.2 Liquidity risk

Liquidity risk is the risk that the Company will have difficulty complying with its obligations associated with financial liabilities that are to be settled in cash or other financial assets. The Company's approach to managing this risk is the maintenance of a minimum cash.

The Company is a counterparty to some financial agreements, which require the maintenance of financial ratios, or compliance with other specific clauses. The main operation, the Senior Unsecured Notes issued in 2021 and

All amounts in thousands of Reais unless otherwise stated.

Debentures issued in 2022 require the Company to meet the Financial Debt / EBITDA financial index, if not complied with, may impose restrictions, which are detailed in Note 16.

Conform is determined in the financial management policy, which aims at ensuring that the Company has sufficient liquidity to settle its obligations without incurring losses or affecting its operations. This minimum cash amount corresponds to the projection of two-month of payments to trade accounts, salaries and social security, deducted 50% discount, for the same period plus the balance of the short-term loans and financing, net of derivative instruments. Moreover, the Company manages its investment portfolio using criteria for maximum concentration in financial institutions, in addition to global and local ratings.

The contractual maturities of financial liabilities are as follow:

Consolidated		Contractual cash flow					
FINANCIAL LIABILITIES	Carrying amount	6 months or less	6 to 12 months	1 to 2 years	2 to 5 years	Over 5 years	Total flow
Borrowings	2,510,893	168,350	110,965	211,079	107,998	2,042,402	2,640,794
Trade payables and notes and other	1,356,706	1,356,706	-	-	-	-	1,356,706
Debentures	1,003,168	72,208	75,252	147,462	1,369,255	-	1,664,177
Dividends payable	32,565	32,565	-	-	-	-	32,565
Financial derivative instruments	3,285	3,004	281	-	-	-	3,285
	4,906,617	**1,632,833**	**186,498**	**358,541**	**1,477,253**	**2,042,402**	**5,697,527**

The Company does not expect that the cash outflows included in its maturity analyses will occur significantly sooner or at amounts, which are significantly different. Furthermore, the Company generates sufficient cash to cover future payment obligations.

34.3 Market risk

The Brazilian Federal Government's economic policies can have important effects on Brazilian companies, including on Tupy, as well as market conditions and the prices of securities of Brazilian companies. Considering the nature of the Company's business and operations, the level of exports and the distribution of sales by market, a decrease in the North American economy, especially in the capital goods sector, may impact sales and revenues and, consequently, the profitability of the Company.

The main market risk factors to which it is exposed are related to: Exchange Rate, Interest Rate, Inflation in the main inputs, Credit Risk and Liquidity Risk. The objective of market risk management is to maintain exposure to market risks within acceptable levels, while optimizing returns.

The conflict between Russia and Ukraine has impacted energy and gas costs in Europe, location of Funfrap – Fundição Portuguesa S.A. Regarding the others subsidiaries, the Company does not expect significant impacts.

Interest rate risk

This risk refers to the Company's financial investments. The financial instruments with floating rates expose the Company to cash flow variation risk, whereas the financial instruments with fixed rates expose the Company to fair value risk. The Company uses derivative financial instruments, as follow:

All amounts in thousands of Reais unless otherwise stated.

Consolidated

	Note	Sep/22	Dec/21
Floating-rate instruments		**(972,853)**	**244,221**
Financial assets		483,952	642,678
Financial liabilities	16 e 17	(1,456,805)	(398,457)
Fixed-rate instruments		**(573,167)**	**(1,583,000)**
Financial assets		1,484,089	629,767
Financial liabilities	16 e 17	(2,057,256)	(2,212,767)

Sensitivity analysis of variations in floating interest rates

The Company has financial investments and borrowings exposed to the CDI (Interbank Deposit Certificate) rate variation. The fluctuations in interest rates may affect the Company's future results. Presented below are the impacts that would have been generated by changes in interest rates to which the Company is exposed.

Interest rate risk **Consolidated**

			Scenarios				
Floating rate instruments	**Risk**	**Disclosed**	**Probable**	**+25%**	**+50%**	**-25%**	**-50%**
In Brazilian reais							
Investments	**Interest rate (CDI - % p.a.)**	**13.65**	**13.65**	**17.06**	**20.48**	**10.24**	**6.83**
Financial assets		483,952	483,952	483,952	483,952	483,952	483,952
Potential impact		-	-	14,531	29,063	(14,981)	(30,919)
Borrowings	**Interest rate (CDI - % p.a.)**	**13.65**	**13.65**	**17.06**	**20.48**	**10.24**	**6.83**
Financial liabilities		(1,456,805)	(1,456,805)	(1,456,805)	(1,456,805)	(1,456,805)	(1,456,805)
Potential impact		-	-	43,743	87,484	(45,097)	(93,074)

Foreign currency risk

The Company is exposed to foreign currency risk on sales, purchases and loans and financing denominated in currencies other than the Company´s functional currency, the Brazilian Real, while the Mexican subsidiary is exposed to foreign currency risk on costs and expenses denominated in a currency other than its functional currency, the U.S. dollar. Transactions of the Company are carried out in foreign currency are mainly denominated is U.S. dollar and the transactions in Mexican subsidiaries are mainly denominated in Mexican Peso.

In addition, considering the importance of the Company's operations in Mexico, the variation of the Mexican Peso has an impact on the income tax. Since the functional currency of the subsidiaries in Mexico is the U.S. dollar (US$). Note 29

The Company manages its exposure to foreign currency risk through a combination of debts, financial investments, accounts receivable and export revenues in foreign currency, hedges of the net investments abroad. The Company's exposure to foreign currency risk, considering the subsidiaries that use the Real (R$) as their functional currency, is as follows:

All amounts in thousands of Reais unless otherwise stated.

Parent company

Net exposure impacting profit	**Note**	**Sep/22**	**Dec/21**
Assets		**878,263**	**592,687**
Cash and cash equivalents abroad	3	25,073	59,869
Customers in the foreign market	4	853,190	532,818
Liabilities		**(82,932)**	**(238,963)**
Borrowings in foreign currency	16	(1,914,266)	(2,009,584)
Hedge of net investment abroad	33	1,886,903	1,947,595
Other amounts		(55,569)	(176,974)
Net exposure impacting profit			
In thousands of R$		795,331	353,724
In thousands of US$		133,124	57,028
In thousands of R$		13,499	5,071

The exposure of subsidiaries that use the U.S. dollar as functional currency is demonstrated bellow:

Subsidiaries

Net exposure impacting profit	**Sep/22**	**Dec/21**
Assets	**357,300**	**213,666**
Cash and cash equivalents abroad	205,444	80,181
Customers in the foreign market	53,963	25,421
Tax return	97,893	108,064
Liabilities	**(403,349)**	**(390,248)**
Trade accounts payables	(249,457)	(193,975)
Other amounts	(153,892)	(196,273)
Net exposure impacting profit		
In thousands of R$	(46,049)	(176,582)
In thousands of MXN	(373,844)	(968,830)
In thousands of R$	(12,664)	7,474
In thousands of MXN	23,219	7,309

Sensitivity analysis of foreign exchange exposure, except derivatives

This analysis is based on the foreign exchange rate fluctuation, in which the risk variables are evaluated with a 25% and 50% fluctuation compared to the probable scenario estimated by the Company. This analysis assumes that all other variables, especially the interest rates, will remain constant.

Consolidado				**Cenários**		
	Divulgado	**Provável**	**+25%**	**+50%**	**-25%**	**-50%**
Taxa do dólar	**5.4066**	**5.53**	**6.91**	**8.30**	**4.15**	**2.77**
Posição ativa	878,263	898,308	1,122,479	1,348,275	674,137	449,966
Posição passiva	(71,070)	(72,692)	(90,832)	(109,103)	(54,552)	(36,412)
Exposiçao líquida (R$ mil)	807,193	825,616	1,031,647	1,239,172	619,585	413,554
Exposiçao líquida (US$ mil)	149,298	149,298	149,298	149,298	149,298	149,297
Impacto Potencial (R$ mil)	**-**	**18,423**	**224,454**	**431,979**	**(187,608)**	**(393,639)**

Sensitivity analysis of foreign exchange exposure of derivatives

This analysis is based on the foreign exchange rate fluctuation against “CALL” and ‘PUT”, in which the risk variables are evaluated with a 25% and 50% fluctuation compared to the probable scenario estimated by the Company. This analysis assumes that all other variables will remain constant.

Parent company	Disclosed	Probable	Scenarios +25%	+50%	-25%	-50%
U.S. Dollar rate	**5.4066**	**5.53**	**6.91**	**8.30**	**4.15**	**2.77**
MTM Controladora	(1,219)	(4,666)	(75,217)	(170,633)	51,049	132,505
Potential impact (R$ thousand)		**(3,447)**	**(73,998)**	**(169,414)**	**52,268**	**133,724**

Subsidiaries	Disclosed	Probable	Scenarios +25%	+50%	-25%	-50%
U.S. Dollar rate vs. Mexican peso	**20.0925**	**20.74**	**25.93**	**31.11**	**15.56**	**10.37**
MTM Subsidiaries (US$ mil)	640	(112)	(8,936)	(16,908)	15,136	50,239
MTM Subsidiaries (R$ mil)	3,458	(617)	(61,751)	(140,335)	62,815	139,161
EURO rate	**5.2904**	**6.48**	**8.10**	**9.72**	**4.86**	**3.24**
MTM Subsidiaries (R$ mil)	(175)	(5,783)	(19,910)	(34,743)	1,131	13,217
Potential subsidiaries impact (R$ thousand)		**(9,683)**	**(75,260)**	**(93,417)**	**239,025**	**88,431**
Potential consolidated impact (R$ thousand)		**(13,130)**	**(149,259)**	**(262,831)**	**291,293**	**222,155**

Price risk

This risk relates to the possibility of fluctuations in the market prices of the inputs used in the manufacturing process, especially scrap, pig iron, metal alloys, coke and electricity. These price fluctuations could have an impact on the Company's costs. The Company monitors these prices, in order to pass on to customers any changes in its input prices.

34.4 Operating risk

This risk arises from all of the Company's operations and can cause direct or indirect losses associated with a variety of factors, such as processes, personnel, technology, infrastructure and external factors.

The Company's objective is to manage the operating risk to avoid losses and damages to its reputation, and to seek cost efficiencies.

The primary responsibility for developing and implementing operating risk controls lies with a centralized area of internal controls reporting to senior management.

34.5 Capital management

The Company's objectives when managing capital are to safeguard its ability to continue as a going concern in order to provide returns for its shareholders and benefits for other stakeholders and to maintain an optimal capital structure to reduce the cost of capital.

In order to maintain or adjust the capital structure, management can make (or can propose to the shareholders, when their approval is required) adjustments to the amount of dividends paid to shareholders, capital return to shareholders, issue new shares or sell assets to reduce, for example, debt.

The Company's management monitors the relationship between the Company's own capital (equity) and third-party capital that the Company utilizes to finance its operations. To mitigate liquidity risks and optimize the average cost of capital, the Company monitors its compliance with financial ratios required under loans and financing agreements.

The relationship between own capital versus third-party capital, at the end of each year, was as follows:

All amounts in thousands of Reais unless otherwise stated.

Consolidated

	Note	Sep/22	Dec/21
Own capital		**3,102,279**	**2,753,214**
Equity	23	3,102,279	2,753,214
Third party capital		**3,897,903**	**3,484,969**
Total current and non-current liabilities		5,865,944	4,757,414
Cash and cash equivalents	3	(1,968,041)	(1,272,445)
Own capital versus third-party capital ratio		**0.80**	**0.79**

34.6 Fair value

The carrying values of cash and cash equivalents and trade accounts receivables and payables, less impairment in the case of trade accounts receivables, are assumed to approximate their fair values.

All financial instruments classified as financial assets and financial liabilities at fair value through profit or loss (Note 31) and the fair value of loans and financing disclosed in Note 16 are calculated by discounting the future contractual cash flow at the current market interest rate that is available to the Company for similar financial instruments.

The valuations technique used by the Company are classified at Level 2 of the fair value hierarchy. The fair value of financial instruments that are not traded in an active market (Level 2) is determined using valuation techniques. These valuation techniques maximize the use of observable market data where it is available and rely to the minimum extent possible on the Company-specific estimates.

35. SUBSEQUENT EVENT

On October 26, 2022, the General Superintendence of the Administrative Council for Economic Defense (SG/CADE) approved, without restrictions, the acquisition of 100% of the assets and businesses of the International Automotive Industry of South America (“MWM”). The decision is still subject to review by the CADE Court (within 15 days), and, after this period has passed without any recall, the decision becomes final.

The Company expects that the transaction will be concluded in the fourth quarter of 2022, provided that: (i) the decision on the aforementioned merger becomes final; and (ii) the other conditions precedent to the closing provided for in the respective share purchase and sale agreement are satisfied.

* * *

All amounts in thousands of Reais unless otherwise stated.

A free translation from Portuguese into English of Independent auditor's review report on individual and consolidated interim financial information prepared in Brazilian currency in accordance with Accounting Pronouncement NBC TG 21 and IAS 34 - Interim Financial Reporting

KPMG Auditores Independentes
R. São Paulo, 31 - 1º andar - Sala 11 - Bairro Bucarein
89202-200 - Joinville/SC - Brasil
Caixa Postal 2077 - CEP 89201-970 - Joinville/SC - Brasil
Telefone +55 (47) 3205-7800
kpmg.com.br

Quarterly Information Review Report
(A free translation of the original report in Portuguese)

To the Shareholders and Board of Directors
Tupy S.A.
Joinville - SC

Introduction
We have reviewed the interim financial statements, individual and consolidated, of Tupy S.A. ("Company") contained within the Quarterly Information for the quarter ended September 30, 2022, which comprise the balance sheet as of September 30, 2022 and the related statements of income and comprehensive income, for the three and nine months periods then ended and the changes in shareholders' equity and cash flows for the nine months period then ended, including the notes to the financial statements.

Management is responsible for the preparation of the interim financial statements in accordance with the technical pronouncement CPC 21(R1) and IAS 34 - Interim Financial Reporting, issued by the International Accounting Standards Board - IASB, as well as for the presentation of these information in accordance with the standards issued by the Brazilian Securities and Exchange Commission (CVM) applicable to the Quarterly Information. Our responsibility is to express a conclusion on the interim financial statements based on our review.

Scope of the review

We conducted our review in accordance with Brazilian and international standards for reviewing interim financial information (NBC TR 2410 and ISRE 2410 - Review of Interim Financial Information Performed by the Independent Auditor of the Entity, respectively). An interim review consists mainly in making enquiries and having discussions with persons responsable for financial and accounting matters, and applying analytical and other review procedures. An interim review is substantially less in scope than an audit conducted in accordance with auditing standards and, consequently, does not provide assurance that we would become aware of any or all significant matters that might be identified in an audit. Accordingly, we do not express such an audit opinion.

Conclusion about the interim financial statements

Based on our review, we are not aware of any fact that leads us to believe that the individual and consolidated interim financial statements included in the quarterly information referred to above have not been prepared, in all material respects, in accordance with CPC 21(R1) and IAS 34 issued by the IASB applicable to the Quarterly Information and presented in accordance with the standards issued by the Brazilian Securities and Exchange Commission.

Other issues

Statements of value added

The individual and consolidated interim financial statements, in relation to the statements of value added for the nine months period ended in September 30, 2022, prepared under the responsibility of the Company's Management and presented as supplementary information regarding IAS 34, were submitted to review procedures performed jointly with the review of the interim quarterly information of the Company. In order to form our conclusion, we assessed if the statements are reconciled with the interim accounting information and records, as applicable, and if their form and content are in accordance with the criteria defined in CPC 09 - Statements of Value Added. Based on our review, we are not aware of any fact that would lead us to believe that the statements of value added aforementioned have not been fairly stated, in all material aspects, in relation to the interim financial statements, individual and consolidated, taken as a whole.

Corresponding Values

The exam of the balance sheets, individual and consolidated, for the period ended in December 31,2021 and the review of interim financial information, individual and consolidated, related to statements of income and comprehensive income and net changes in equity and cash flows for the three and nine months period ended in September 30, 2021, were conducted under the responsibility of other independent auditors, which disclosed their audit report and review report without modifications, on March 29, 2022 and November 09, 2021 respectively. The values related to the statements of value added, referring to the nine months period ended in September 30, 2022; were submitted to the same review procedures by those other independent auditors and, based on their review, those auditors disclosed a report stating that they didn't have any information that might lead them into believing that this statement of value added wasn't prepared, in all its relevant aspects, in a consistent manner with the interim financial statements as a whole.

Joinville, November 07, 2022

KPMG Auditores Independentes

CRC SC-000071/F-8

Original report in Portuguese signed by

Felipe Brutti da Silva

Accountant CRC RS-083891/O-0 T-RS