

3rd Quarter of 2021

Results

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 TUPY



This presentation contains forward-looking statements, which are subject to risks and uncertainties and reflect the beliefs and expectations of the Company's Management based on available information. Forward-looking statements include statements regarding our Management's current intentions or expectations with respect to a number of matters, including Brazil's economic, political and business environment, and especially the geographic markets in which we operate, the level of indebtedness and other financial obligations, and our ability to contract financing, when necessary and on reasonable terms, our ability to implement our investment plans, inflation and devaluation of the Brazilian real, as well as fluctuations in interest rates, existing and future laws and regulations, increased costs, our ability to uninterruptedly obtain materials and services from suppliers, at reasonable prices and with economies of scale, our ability to acquire other companies and integrate them in a satisfactory way, growth expectations of the automotive and hydraulic industries and success in implementing our strategic plans.

The reader should be aware that the factors mentioned above, in addition to others discussed in this Presentation, may affect our future results which may differ from those expressed in the forward-looking statements we make herein. We do not assume responsibilities for updating such statements.

The words "anticipates," "wishes," "expects," "estimates," "intends," "forecasts," "plans," "predicts," "projects," "targets" and other similar words are intended to identify these statements.

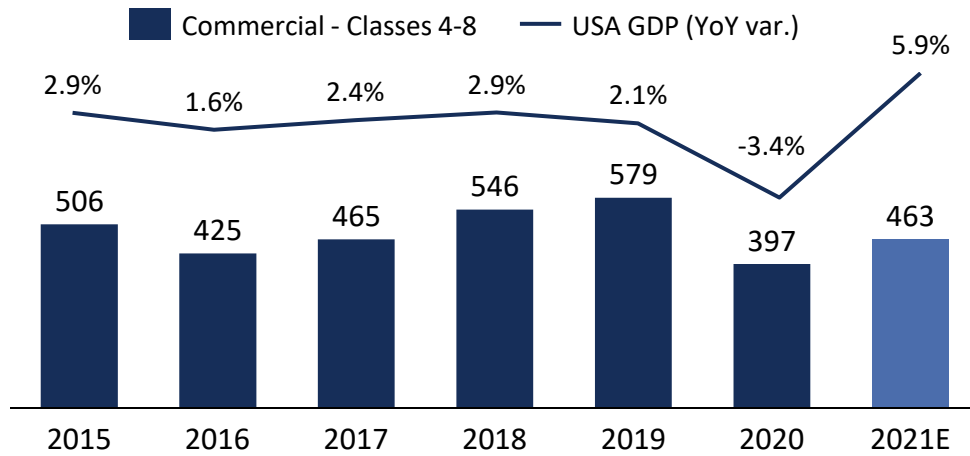
Forward-looking statements involve risks, uncertainties and assumptions as they relate to future events and therefore depend on circumstances that may or may not occur. The future condition of our financial situation and operational results, market share and competitive market position may materially differ from what is expressed or implied by these forward-looking statements. Many of the factors that will determine these results and values are beyond our ability to control or predict. The reader is cautioned not to place undue reliance on these forward-looking statements.



3Q21 Results

Initiatives

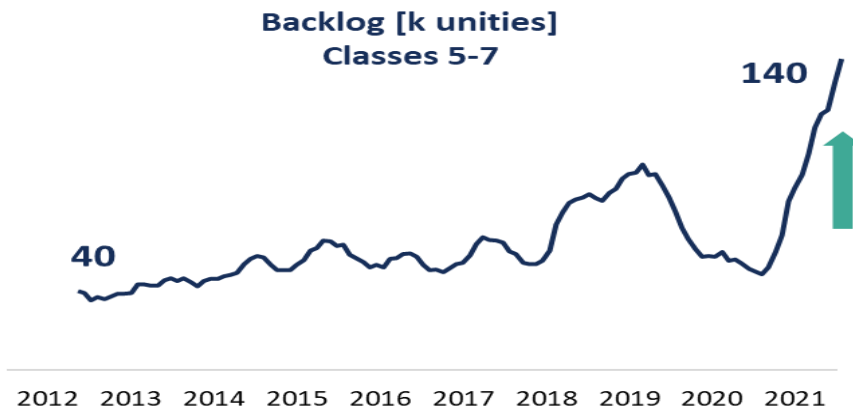
Production does not reflect macroeconomic indicators



Expected grow did not fully materialized

- Labor
- Equipment
- Product transfer

Market growth and restricted production impact inventories, creating pent-up demand

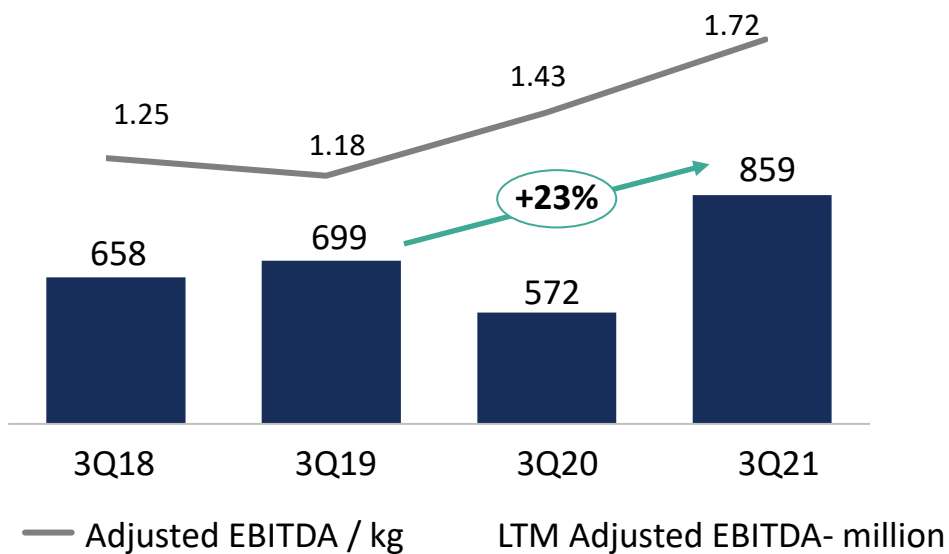
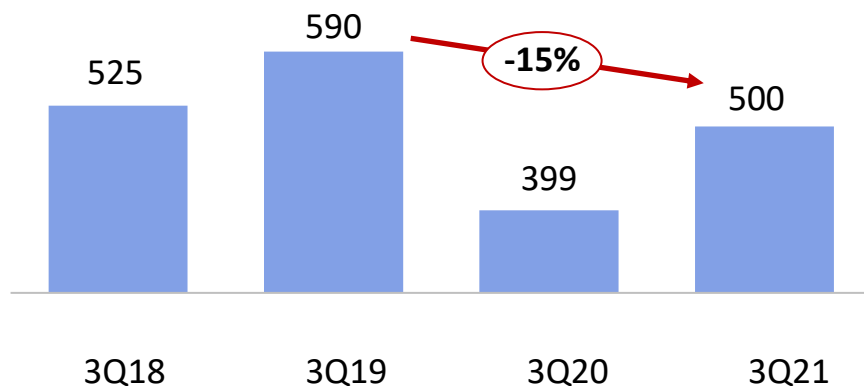


Effects of the COVID-19 pandemic

- Disruption of the production chain
(semiconductors and other inputs)
- Price and freight availability
- Absenteeism

THE EFFECT OF DECREASING VOLUMES

Volume kton LTM



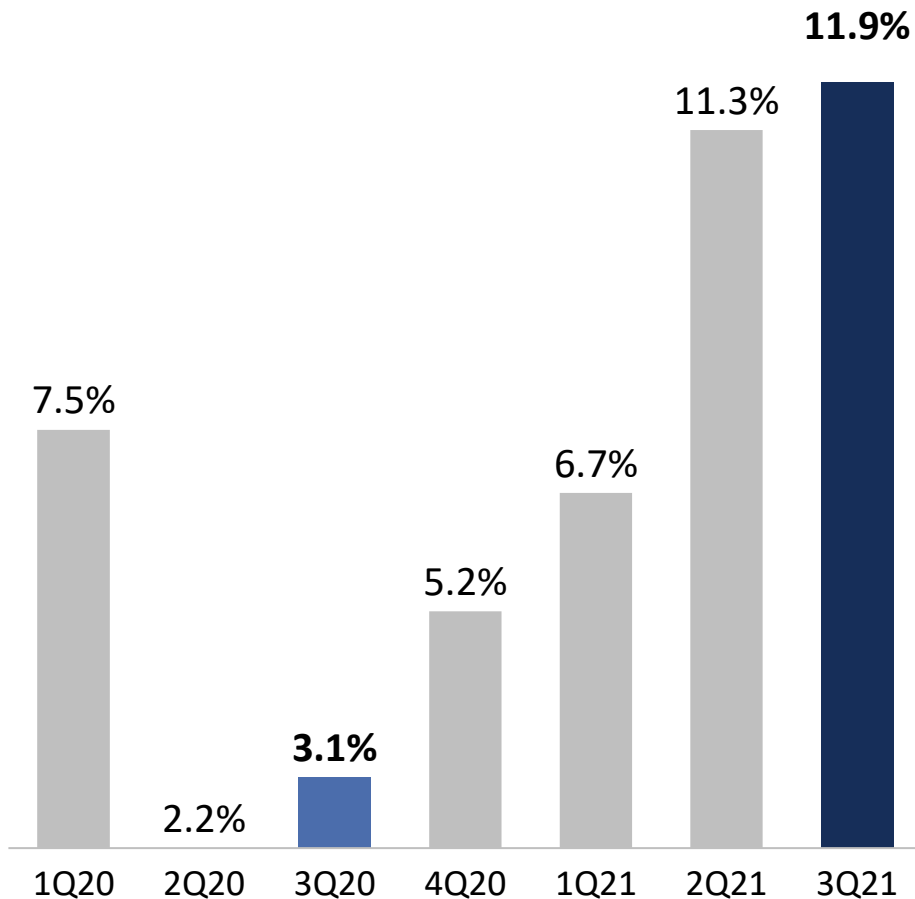
- Business Model**

- Pass-through of raw material costs
- Price adjustments

- Operational efficiency**

- Production flexibility
- Process optimization
- Strict control of costs
- Procurement management

RETURN ON INVESTED CAPITAL (ROIC)



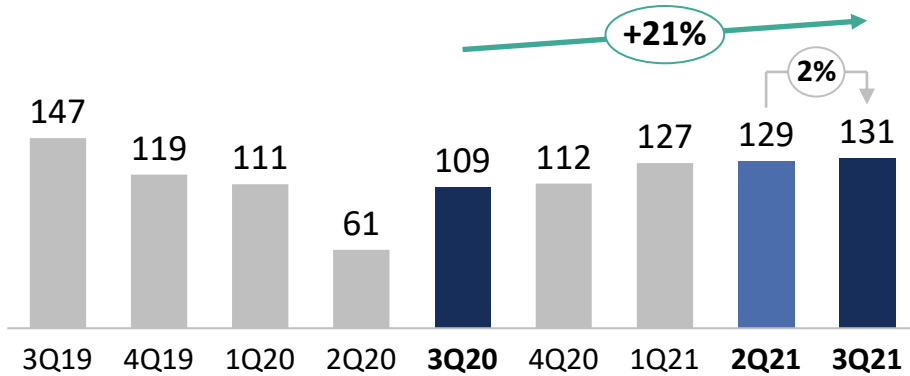
Conservative management and payment of Interest on Equity

- **Indebtedness**
 - 1.15x LTM Adjusted EBITDA
 - Maturity concentrated in 2031

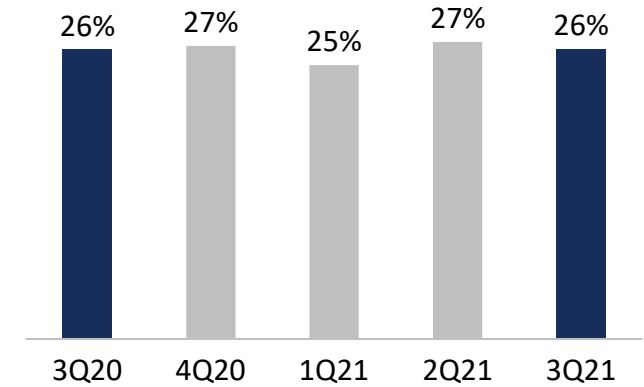
- **Capital allocation**
 - Conservative investment strategy

- **Interest on equity**
 - Payment of R\$20.5 million and expected distribution of the same amount in 4Q21, to be deliberated in due course

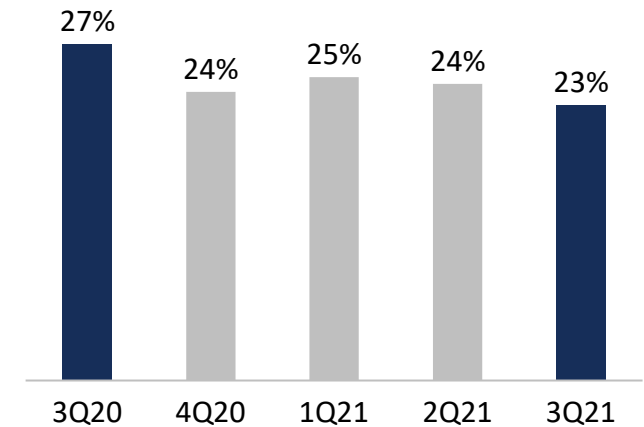
Volume [kton]



Machining [% automotive volume]

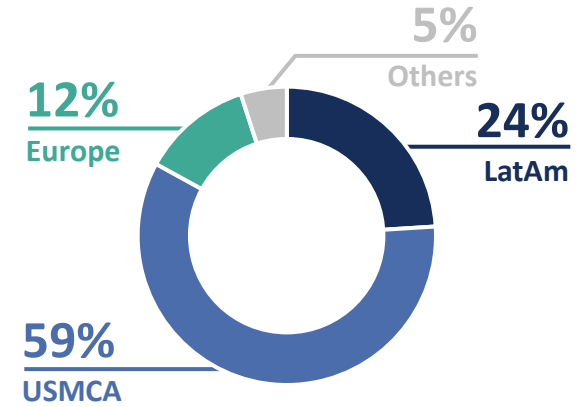
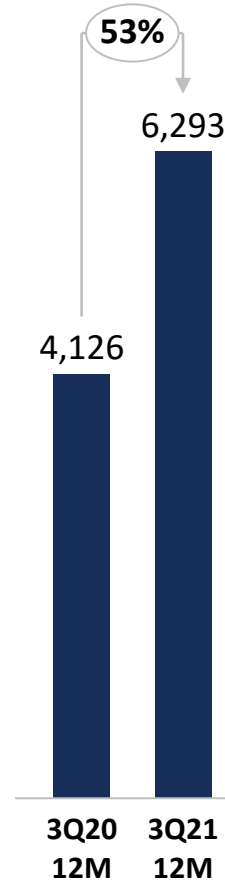
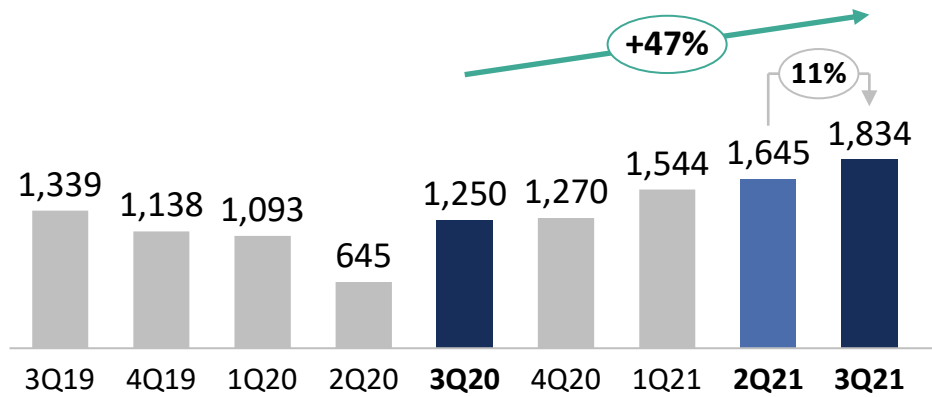


CGI [% automotive volume]

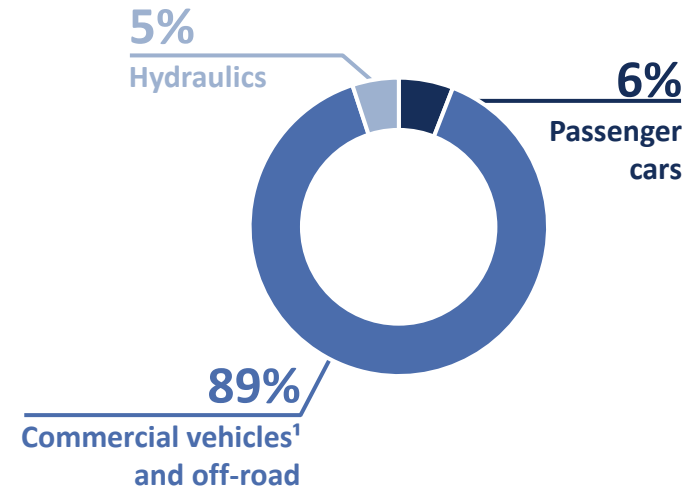


Revenue [M BRL]

Origin [% revenue]



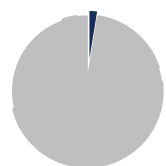
Application [% revenue]



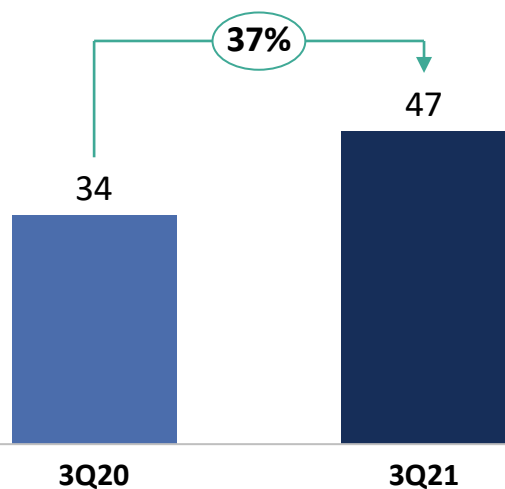
1) Includes light, medium and heavy commercial vehicles

Domestic Market

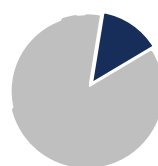
Passenger cars [M BRL]



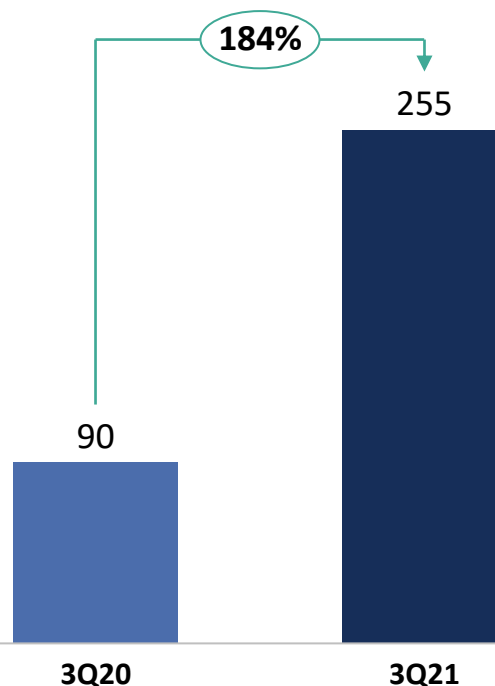
3%
of revenue



Commercial vehicles [M BRL]



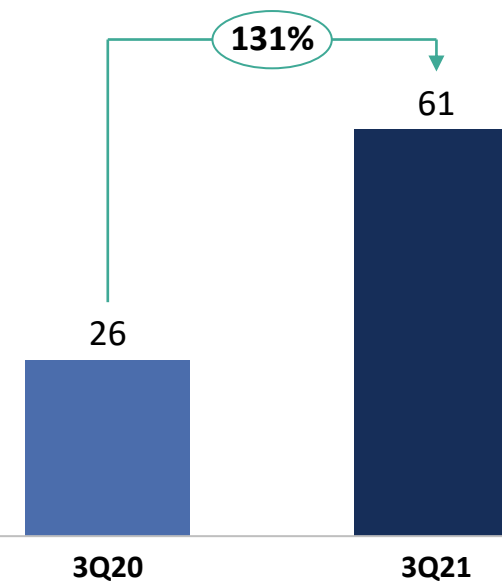
14%
of revenue



Off-road [M BRL]



3%
of revenue



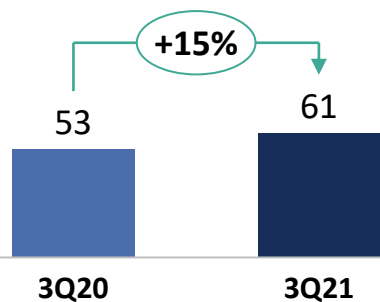


Foreign Market

Passenger cars [M BRL]



3%
of revenue



Commercial vehicles [M BRL]



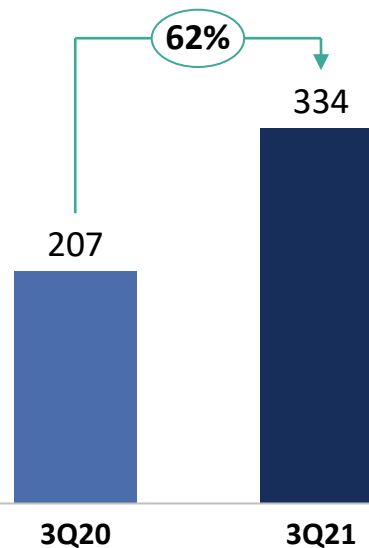
30%
of revenue



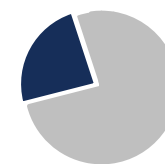
Med. & heavy commercial [M BRL]



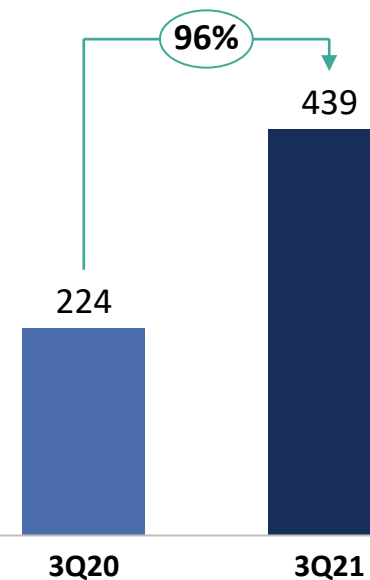
18%
of revenue



Off-road [M BRL]

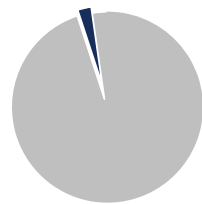


24%
of revenue

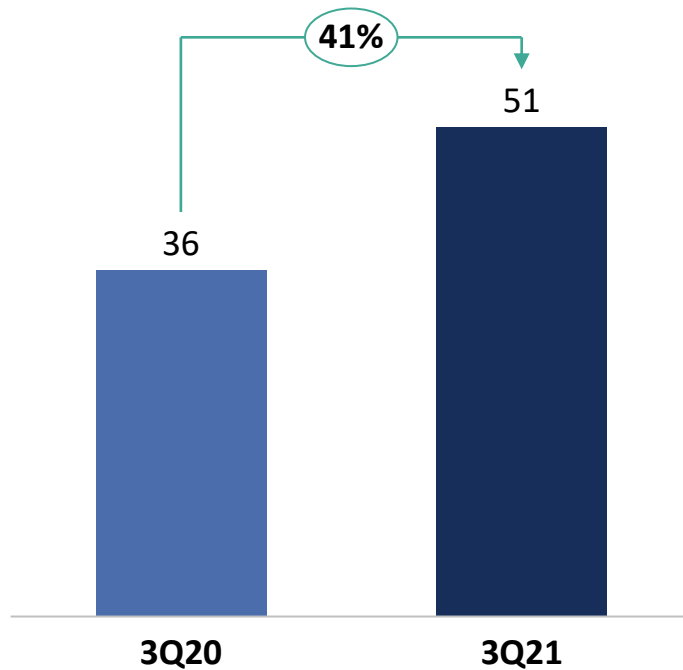


Domestic & Foreign Markets [M BRL]

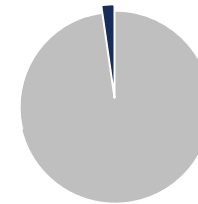
Domestic Market



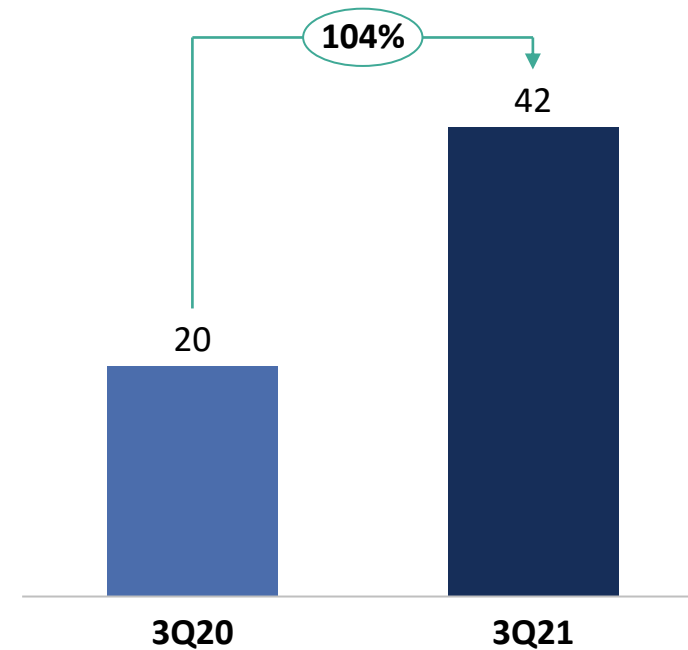
3%
of revenue



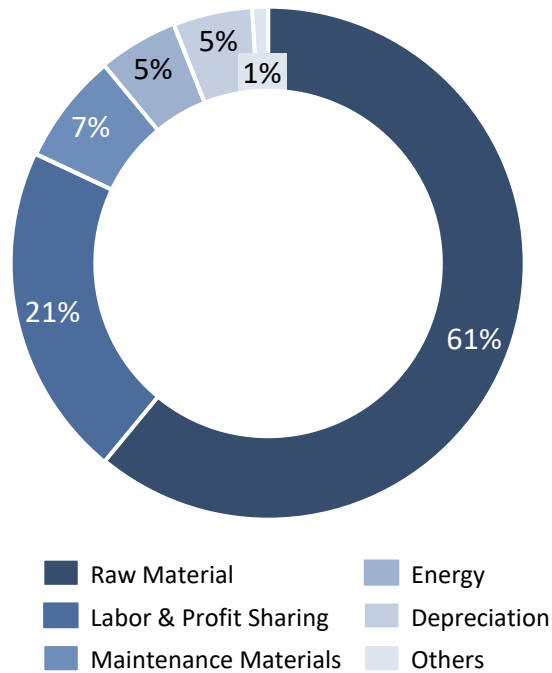
Foreign Market



2%
of revenue

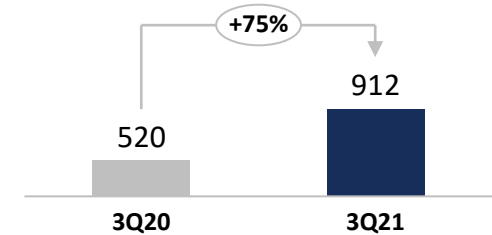


COGS Breakdown 3Q21 [%]

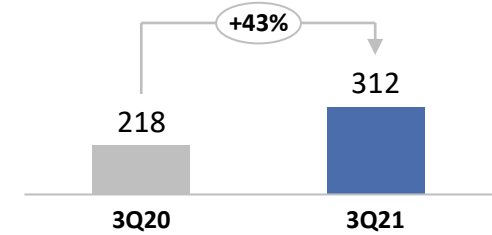


Variation of main cost inputs by nature [%]

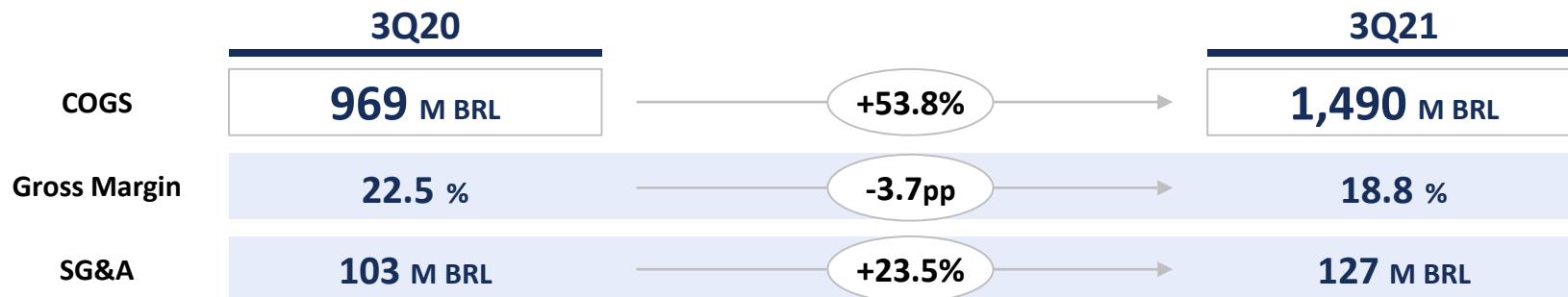
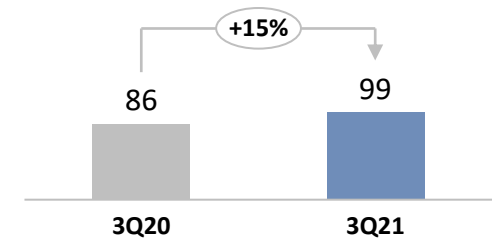
Materials



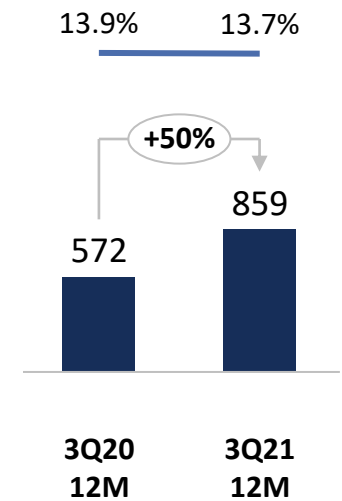
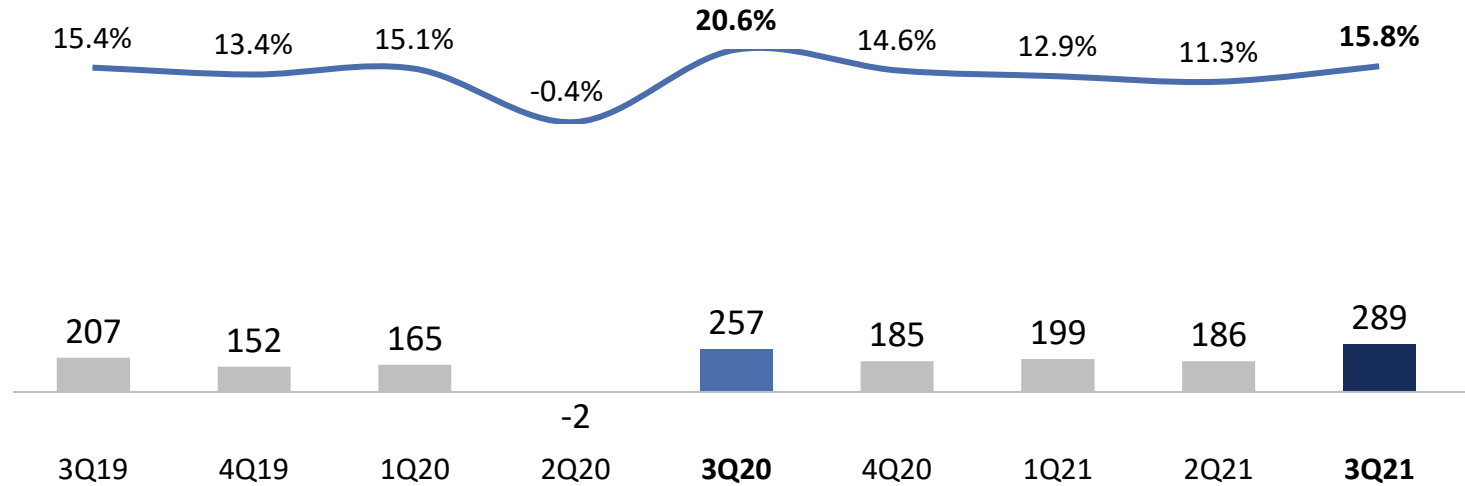
Labor



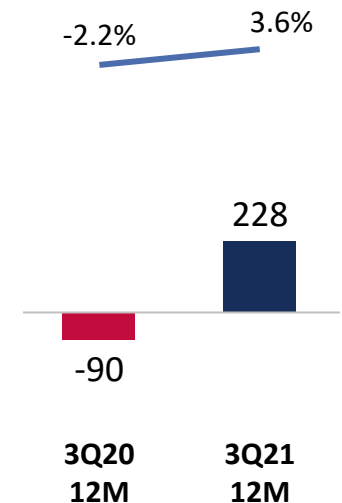
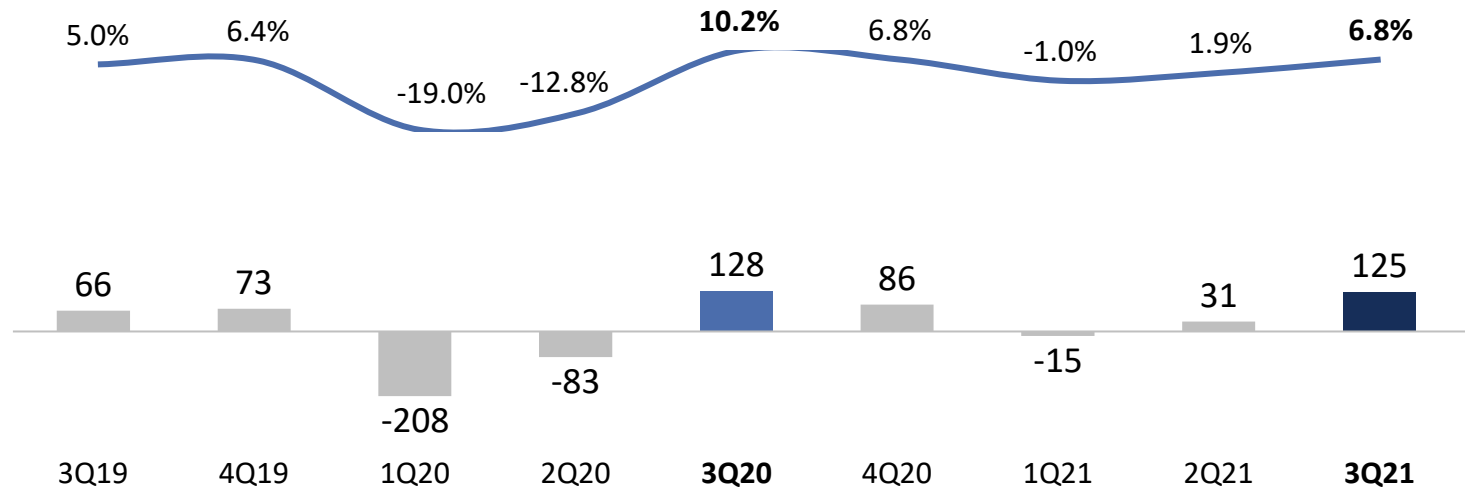
Maintenance materials & third-parties



Adjusted EBITDA [M BRL] and Adjusted EBITDA Margin [%]



Net Income [M BRL] and Net Margin [%]

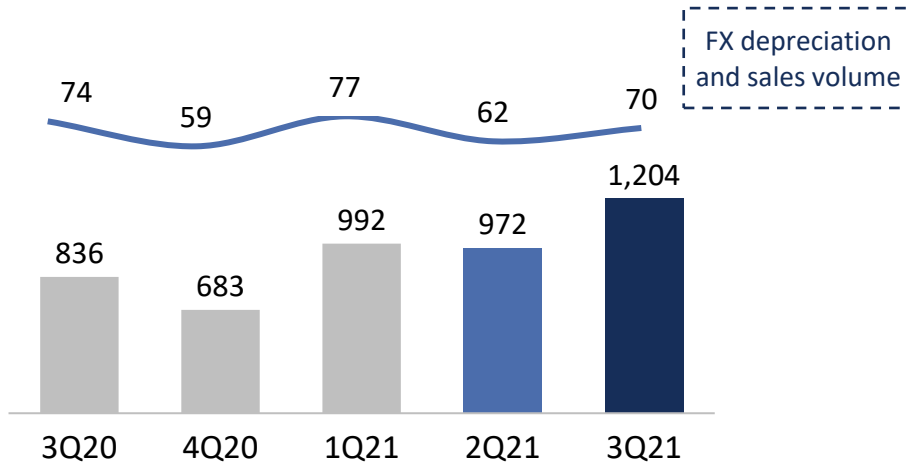


Financial Result - R\$ million

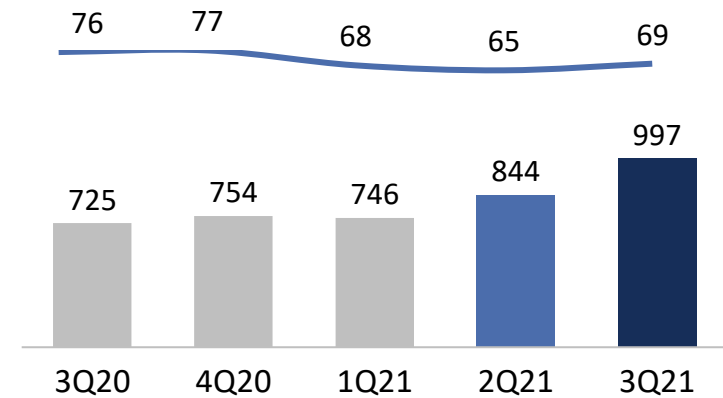
		3Q21	3Q20
Financial expenses	1	-30.7	-42.9
Financial income		7.7	7.5
Monetary and exchange variation	2	26.6	35.6
Eletrobras mark-to-market credits		-4.4	-3.0
TOTAL		-1.2	-2.8

- 1** Lower cost of debt (Senior notes issued in February 2021) and effect of the FX appreciation in foreign currency interest
- 2** Impact of FX variation in the balance sheet lines in foreign currency and cash flow hedge (zero-cost collar)

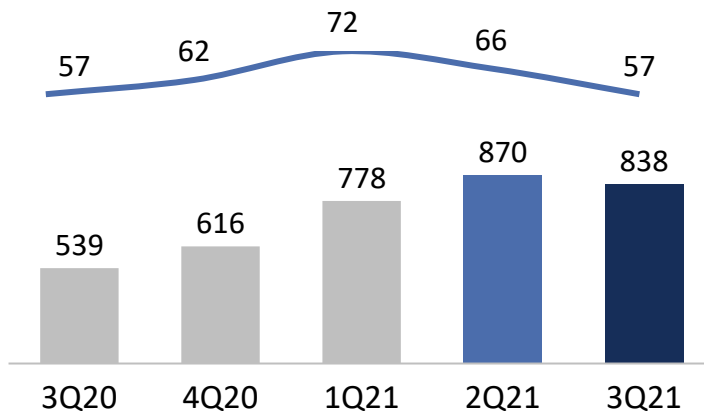
Accounts receivable [M BRL] and DSO [days]



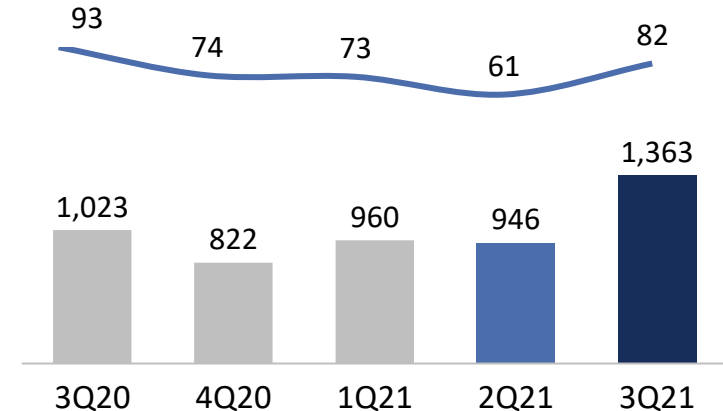
Inventories [M BRL] and DIO [days]



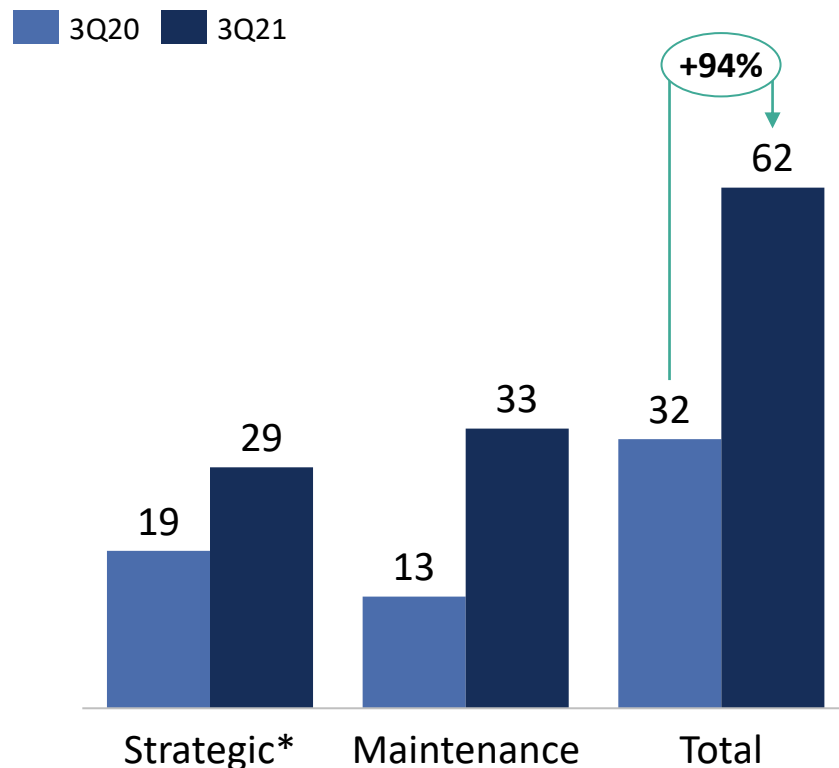
Accounts payable [M BRL] and DPO [days]



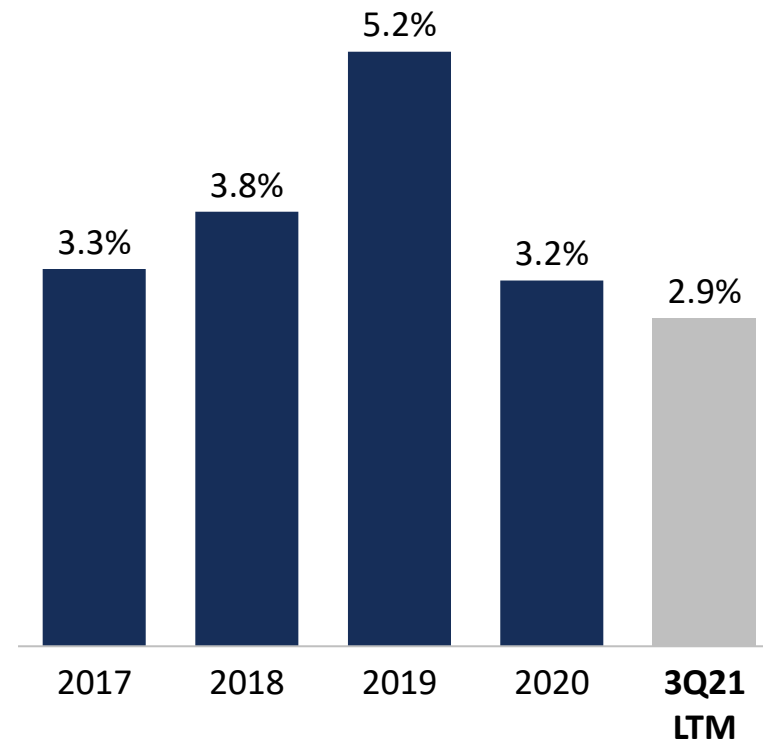
Working capital [M BRL] and CCC [days]



3Q20 vs. 3Q21 Investments [R\$ thousand]

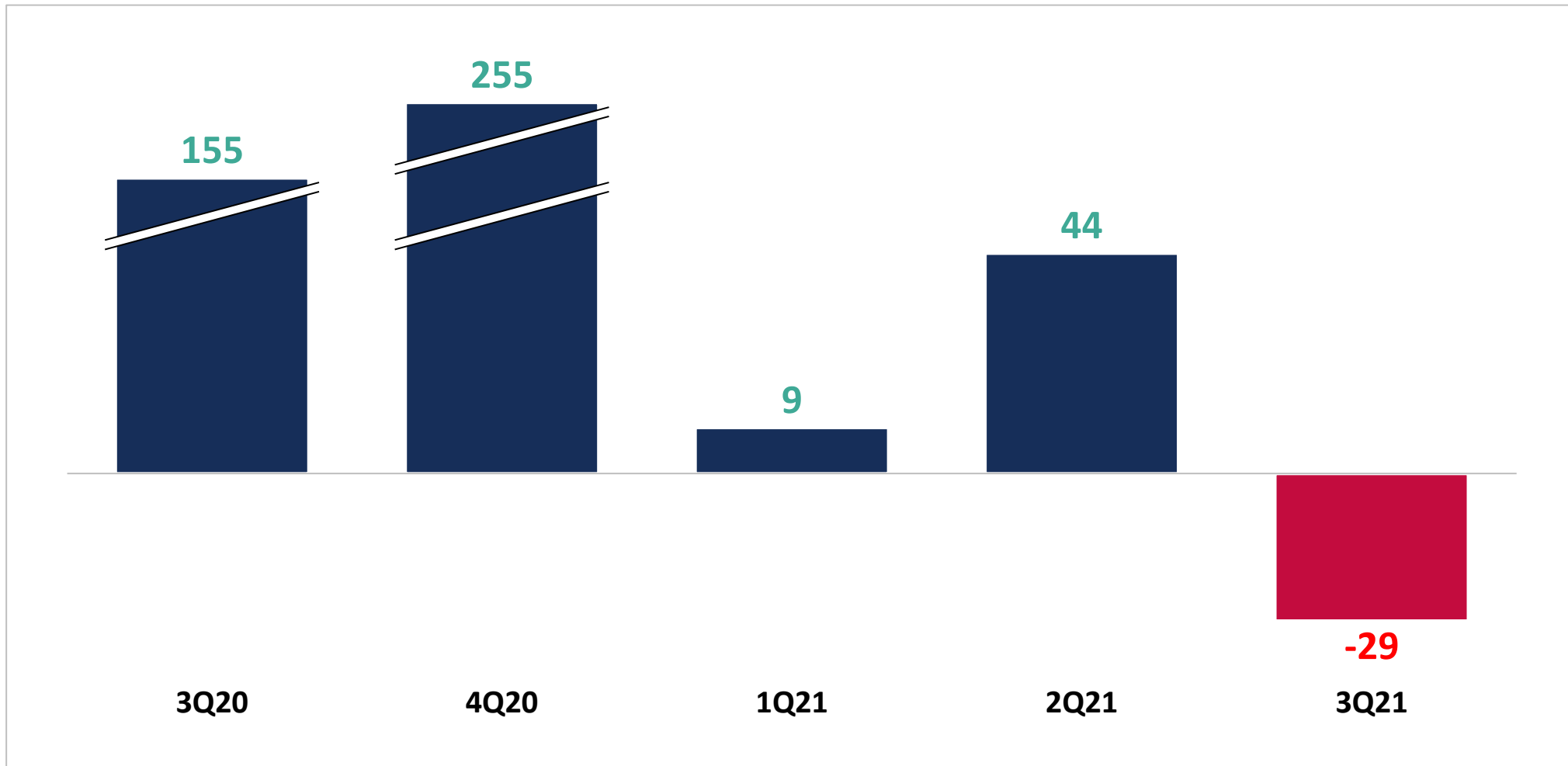


% Investments / Net Revenue



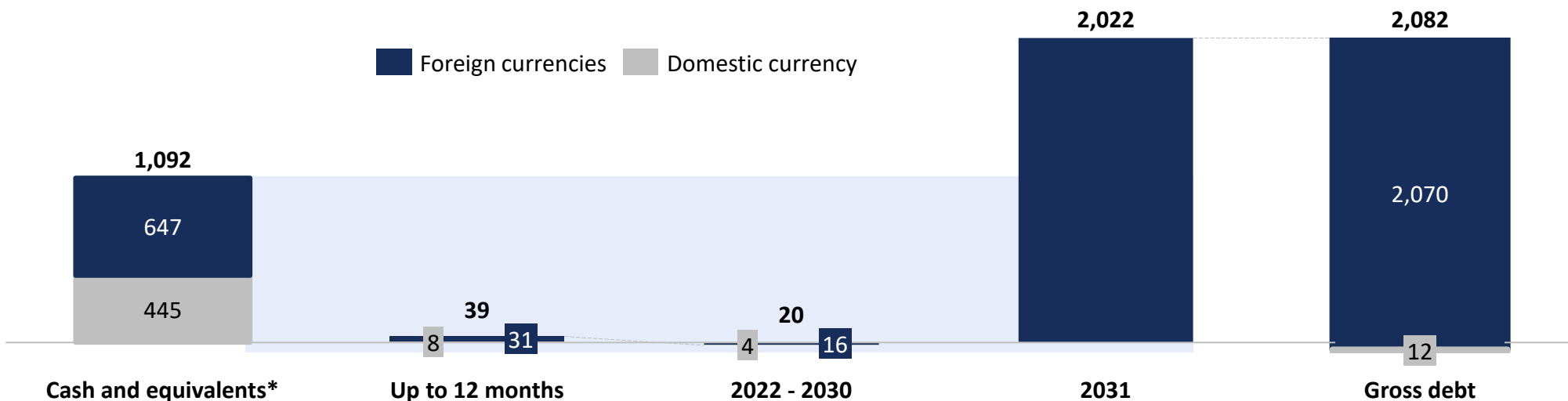
› Investments mainly in casting and machining programs, automation and IT systems

In R\$ thousand

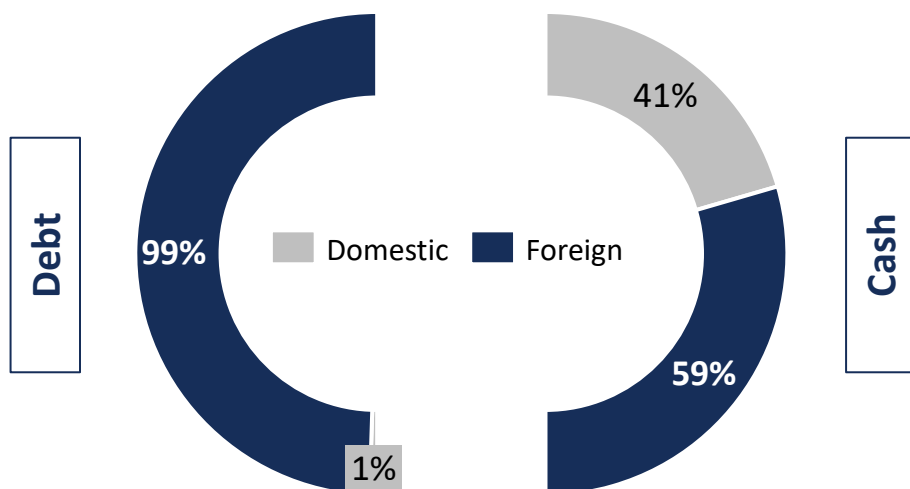


› Higher working capital due to the increase in sales, FX depreciation, and customer stoppages

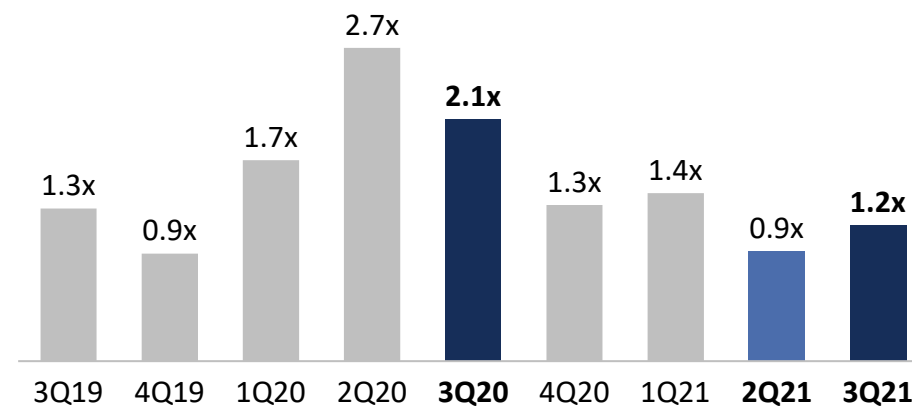
Debt [M BRL]



Currency breakdown [% total]



Net debt/Adjusted EBITDA 12M



*Includes derivatives

3Q21 Results

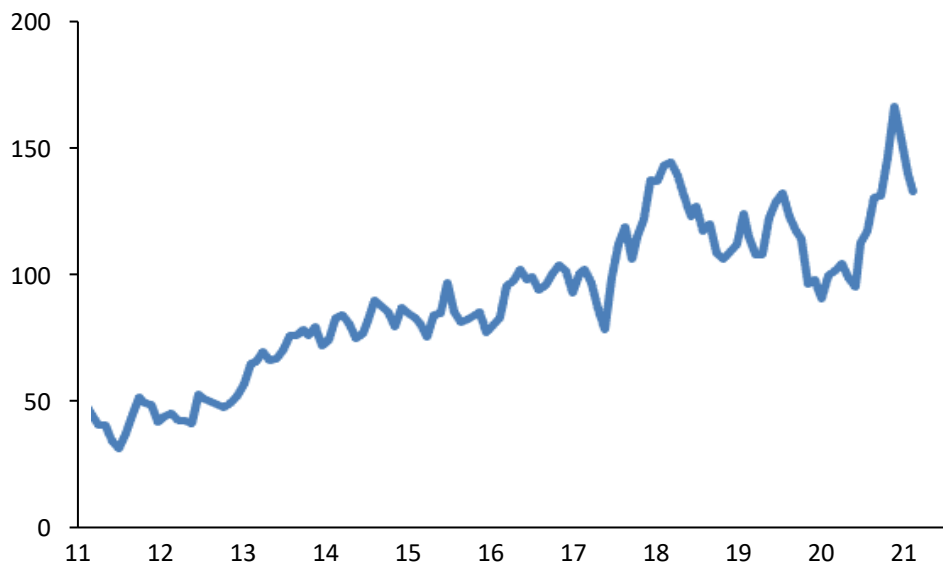


Initiatives

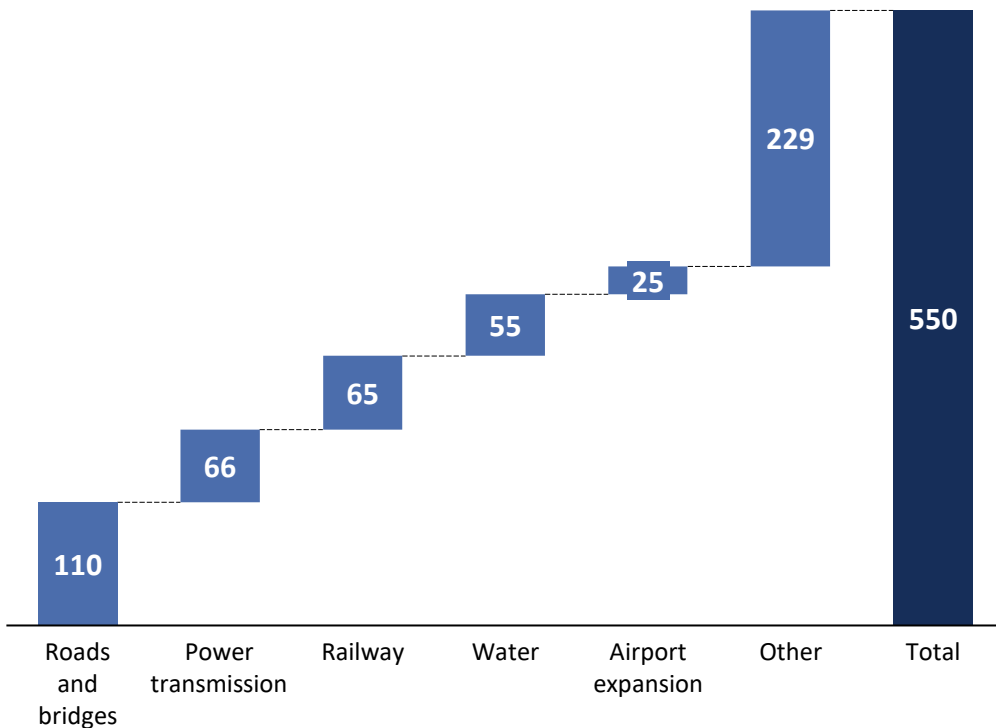


North America

Dodge Momentum Index [2000=100]



Infrastructure investment package[\$ billion]



Positive prospects for non-residential construction sector and **announcements of new projects**

Infrastructure bill leads to **additional demand** for the sector, with significant impact on the demand for our products

2020

TUPY UP

- Digital journey focused on Industry 4.0, digitalization and virtual offices.
- Open innovation, stimulation, intrapreneurship, and new businesses

2021
New connection
Ecosystem

2021
SHIFT

2021
Open Innovation
Portal

2021
Batch 1
SHIFT

2021
MBI
Foundry
4.0

2020
TUPY
TECH

2021
Social and
environmental
impact

2021
Digital
Transformation
Journey



› **Open Innovation Portal: another way to connect with the ecosystem: universities, startups, tech companies, suppliers and researchers**

2020

TUPY TECH



Battery
Recycling




HYDROGEN



HYBRID
VEHICLES

DISRUPTIVE R&D

- Marketable and scalable technologies in current and new businesses
- Decarbonization journey



1 H hydrogênio																	2 He hélio																														
3 Li lítio	4 Be berílio											5 B boro	6 C carbono	7 N nitrogênio	8 O oxigênio	9 F flúor	10 Ne néon																														
11 Na sódio	12 Mg magnésio											13 Al alumínio	14 Si silício	15 P fósforo	16 S enxofre	17 Cl cloro	18 Ar argônio																														
19 K potássio	20 Ca cálcio	21 Sc escândio	22 Ti titânio	23 V vanádio	24 Cr cromo	25 Mn manganês	26 Fe ferro	27 Co cobalto	28 Ni níquel	29 Cu cobre	30 Zn zinco	31 Ga gálio	32 Ge germânio	33 As arsênio	34 Se selênio	35 Br bromo	36 Kr criptônio																														
37 Rb rubídio	38 Sr estrôncio	39 Y itríio	40 Zr zircônio	41 Nb nióbio	42 Mo molibdênio	43 Tc tecnécio	44 Ru ródio	45 Rh ródio	46 Pd paládio	47 Ag prata	48 Cd cádmio	49 In índio	50 Sn estanho	51 Sb antimônio	52 Te telúrio	53 I iodo	54 Xe xenônio																														
55 Cs césio	56 Ba bário		72 Hf hafnínio	73 Ta tântalo	74 W tungstênio	75 Re rênio	76 Os ósio	77 Ir írio	78 Pt platina	79 Au ouro	80 Hg mercúrio	81 Tl talco	82 Pb chumbo	83 Bi bismuto	84 Po polônio	85 At ástato	86 Rn rádio																														
87 Fr frâncio	88 Ra rádio		104 Rf rênio	105 Db dubnio	106 Sg seabórgio	107 Bh bohrio	108 Hs hásio	109 Mt moscóvio	110 Ds darmstádio	111 Rg roentgênio	112 Cn copernício	113 Nh nihônio	114 Fl flúvônio	115 Mc moscóvio	116 Lv livermório	117 Ts tenessóvio	118 Og ogânesônio																														
<table border="1"> <tbody> <tr> <td>57 La lân tânio</td> <td>58 Ce cério</td> <td>59 Pr praseodímio</td> <td>60 Nd néodímio</td> <td>61 Pm promécio</td> <td>62 Sm samário</td> <td>63 Eu europário</td> <td>64 Gd gadolínio</td> <td>65 Tb terbório</td> <td>66 Dy disprósio</td> <td>67 Ho hólio</td> <td>68 Er érbio</td> <td>69 Tm tulúrio</td> <td>70 Yb itêrbio</td> <td>71 Lu lutécio</td> </tr> <tr> <td>89 Ac actínio</td> <td>90 Th tório</td> <td>91 Pa protactínio</td> <td>92 U urânio</td> <td>93 Np néptúlio</td> <td>94 Pu plúrio</td> <td>95 Am âmerico</td> <td>96 Cm cúrio</td> <td>97 Bk berquélio</td> <td>98 Cf califórnio</td> <td>99 Es éinstônio</td> <td>100 Fm fêrmio</td> <td>101 Md mendelívio</td> <td>102 No nêbólio</td> <td>103 Lr lawrêncio</td> </tr> </tbody> </table>																		57 La lân tânio	58 Ce cério	59 Pr praseodímio	60 Nd néodímio	61 Pm promécio	62 Sm samário	63 Eu europário	64 Gd gadolínio	65 Tb terbório	66 Dy disprósio	67 Ho hólio	68 Er érbio	69 Tm tulúrio	70 Yb itêrbio	71 Lu lutécio	89 Ac actínio	90 Th tório	91 Pa protactínio	92 U urânio	93 Np néptúlio	94 Pu plúrio	95 Am âmerico	96 Cm cúrio	97 Bk berquélio	98 Cf califórnio	99 Es éinstônio	100 Fm fêrmio	101 Md mendelívio	102 No nêbólio	103 Lr lawrêncio
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› Projects aimed at hybrid engines is part of another technological route

Day 1



Initial impressions and impacts

- **Validation of synergies and first initiatives** in purchasing and operations (optimization of processes and flexibility)
- **Implementation** of cost control systems
- **4Q21 impacts**, arising from sales of inventories pre-closing and consumption of working capital

› Synergies and production flexibility will contribute to competitiveness and margin increases in all plants



TUPY

Investor Relations

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