

Page 1/16

#### COMPANY UPDATE

# Transport Trade Services SA

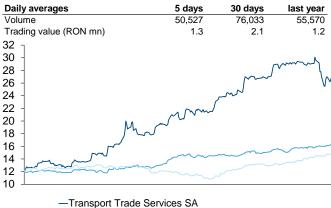
### from Buy to Accumulate

Analyst: Caius Rapanu +4 0373 510 441 caiusroa.rapanu@bcr.ro

Key figures Overview		Financial Stre	nath		
Enterprise value (RON mn / EUR mn)	1,401 / 282	Target price	30.4	Homepage:	
Market capitalization (RON mn / EUR mn)	1,620 / 326	Div. Ex-date	15/05/23		
Number of shares (mn)	60.0	Bloomberg	TTS RO	Shareholders	Government (0.0%)
Share price (RON) close as of 20/03/2024	27.0	Reuters	TTS.BX	Free float	67.7%
Chara price (DON) along an of 20/02/2024	07.0	Devidence	TTO DV	Exec fleet	C 7 3

Key figures Overview				
RON mn	2022	2023	2024e	2025e
Net sales	934.4	1,180.0	1,257.3	1,106.2
EBITDA	283.4	483.8	383.5	304.2
EBIT	210.5	402.0	268.5	185.1
EBT	208.7	401.8	266.2	180.8
Net profit	179.0	337.6	223.6	151.9
EPS (RON)	2.98	5.63	3.73	2.53
CEPS (RON)	1.88	3.86	2.77	2.40
BVPS (RON)	13.64	17.28	19.82	21.57
Dividend/Share (RON)	0.55	2.25	1.49	1.01
EV/EBITDA (x)	2.56	3.32	3.65	4.05
P/E (x)	3.84	4.80	7.25	10.67
P/CE (x)	6.08	7.00	9.75	11.23
Dividend yield (%)	4.80	8.33	5.52	3.75
EBITDA margin (%)	30.33	41.00	30.50	27.50
Operating margin (%)	22.53	34.07	21.35	16.73
Net profit margin (%)	19.16	28.61	17.78	13.73

**Trading data & Statistics** 



BET

DJ EURO STOXX Industrial Goods & Services

Price performance:	1M	3M	6M	12M
in EUR	-6.8%	1.4%	31.0%	122.8%

Finan	cial	Stre	nath
i man	ciai	JUE	igui

<b>.</b>				
	2022	2023	2024e	2025e
ROE (%)	28.46	41.91	22.90	13.94
ROCE (%)	24.96	39.61	24.90	18.71
Equity ratio (%)	81.43	79.62	80.86	83.77
Net debt (RON mn)	-78.24	-141.01	-364.79	-546.15
Gearing (%)	-9.56	-13.60	-30.67	-42.19

#### 2023 partial results: great year, weaker 4Q, possible drivers' changes ahead

After substantial gains in share price, we downgrade our recommendation for TTS shares to accumulate, maintaining our target price. A lack of operational and financial data does not enable us to alter our financial model currently. Partial results released by TTS have reaffirmed 2023 as a record year, as already expected on the back of previously announced guarterly figures. 4Q23, compared to the previous quarter, has shown a decline in profitability that could be more than a seasonal effect and may represent the harbinger of a new evolution of company drivers. Indeed, the flow of Ukrainian grain has suffered a dramatic decline, on the back of redirected logistics in the Black Sea. TTS' premier position on the market has prevented the company to suffer severe volume loss, however tariffs seem to have weakened. At the same time, costs, especially personnel related, have grown and exceeded savings on declining fuel prices (anyway hedged with bunkering agreements).

Looking forward, the company expects a more "normal" year in 2024, with declining top line and increasing costs. Minerals and chemicals volumes should start growing and compensate partially the lower cereal volumes, while higher personnel and depreciation costs should overcome savings with fuel. The margin decline is largely in line with our previous estimates, however it appears that company outlook is marginally more cautious than our old forecast. We will be amending our valuation model once 2023 operational and financial data is released.

Erste Group Research - Company Update finalized and released March 22, 2024, 07:30, CET, reviewed by Henning Esskuchen (supervising analyst) All prices are those current at the end of the previous trading session unless otherwise indicated and are sourced from local exchanges via appropriate vendors



Page 2/16

#### 2023 Consolidated and individual balance sheet and income

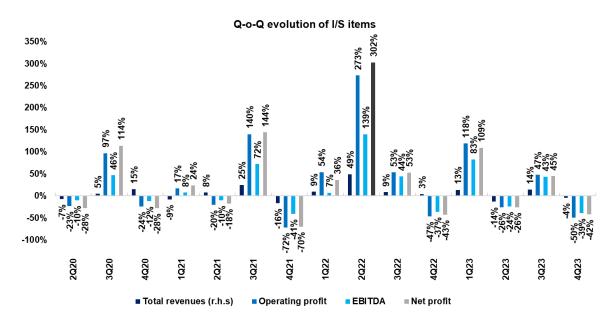
**statement reported**. TTS released preliminary figures for 2023, in an abridged format showing individual and consolidated income statement and balance sheet. No other information, operational or financial is available. We expect more detailed operational and financial data by the end of April, with the publication of the annual report and the GSM.

#### Preliminary reporting summary

(mn. RON)	4Q23	4Q22	chng.	3Q23	chng.	4Q21 (	chng.	2023	2022	chng.	2021	chng.
Total revenues	288.1	270.4	6.5%	301.5	-4.4%	144.4	<b>99.5%</b>	1161.1	934.4	24.3%	598.8	93.9%
Materials	-28	-32.8	-14.6%	-24.8	12.9%	-15.4	<b>81.8%</b>	-108	-123.8	-12.8%	-79.7	35.5%
COGS	-5.4	-6.1	-11.5%	-8.5	-36.5%	-7.3	-26.0%	-36.4	-32.5	12.0%	-44	-17.3%
Depreciation	-25.1	-20.8	20.7%	-22	14.1%	-14.1	<b>78.0%</b>	-86.1	-72.9	18.1%	-61.6	39.8%
Subcontr.	-83.7	-100.2	-16.5%	-71.9	16.4%	-51.5	62.5%	-329.7	-331.2	-0.5%	-208.7	58.0%
Wages	-67	-41.2	62.6%	-57.7	16.1%	-26.4	153.8%	-214	-124.2	72.3%	-98.5	117.3%
Other exp.	-11.6	-12.7	-8.7%	-11.6	0.0%	-9.2	<b>26.1%</b>	-45.1	-45.1	0.0%	-41.9	7.6%
Gains/losses	-10.3	-9	14.4%	8.5	-221.2%	-4.3	139.5%	9.7	5.8	67.2%	15.5	-37.4%
Operating expenses	-231.1	-222.8	3.7%	-188	<b>22.9%</b>	-128.2	80.3%	-809.6	-723.9	11.8%	-518.9	56.0%
Operating profit	57	47.6	1 <b>9</b> .7%	113.5	-49.8%	16.2	<b>251.9%</b>	351.5	210.5	67.0%	79.9	339.9%
Fin. Rev.	-0.1	0.2	-150.0%	0.8	-112.5%	-0.5	-80.0%	1.6	1	60.0%	0.9	77.8%
Fin. Costs	-0.6	-0.2	200.0%	-0.3	100.0%	-0.5	20.0%	0.4	-2.8	-114.3%	-1.9	-121.1%
Net fin.	(0.7)	0.00	n.m.	0.5	-240.0%	-1	-30.0%	2	-1.8	-211.1%	-1	-300.0%
РВТ	56.3	47.6	18.3%	114	-50.6%	15.2	270.4%	353.5	208.7	<b>69.4%</b>	78.9	348.0%
Tax	-1.1	-4.9	-77.6%	-18.7	-94.1%	-2.5	-56.0%	-48.1	-29.7	62.0%	-12.5	284.8%
Net Income	55.2	42.7	29.3%	95.3	-42.1%	12.7	334.6%	305.4	179	70.6%	66.4	359.9%
Net margin	19.2%	15.8%		31.6%		8.8%		26.3%	19.2%		11.1%	
EBITDA	82.1	68.4	20.0%	135.5	-39.4%	30.3	171.0%	437.6	283.4	54.4%	141.5	209.3%
EBITDA margin	28.5%	25.3%		44.9%		21.0%		37.7%	30.3%		23.6%	

Source: Company data, Erste Group Research

**Top line boost...** 2023 YE consolidated revenues registered at RON1,161mn, a jump by 24% compared to the previous year, and almost twice higher compared to 2021. On a quarterly basis, during 4Q23 total revenues were RON288mn and were 6.5% higher compared to the same period of last year, while they declined by 4% compared to 3Q23.



Source: Company data, Erste Group Research

... on the back of overall 2023 higher tariffs and volumes. As the company hasn't reported any operational data, we can only assume that the trends of the first nine months of the year remained valid during the last quarter as well, of course considering the seasonal impact of the fourth



Page 3/16

quarter, which has seen a decline vs the previous quarter, while maintaining a positive dynamic y-o-y, a trend that persisted for the last four years.

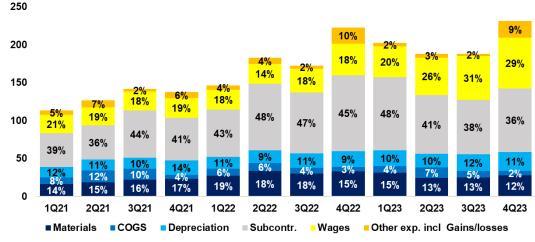
**4Q23: volumes in line, lower tariffs.** According to management, during the last quarter of the year, the volumes transported and operated by the company were largely in line with the previous quarter of the years, albeit we expect some shifts between segments of goods and between river transport and port operations. Also, management stated that overall tariffs in the fourth quarter of 2023, were generally lower. We believe the tariff weakness to come on the back of lower tariffs for Ukrainian cereals in Constanta Port (see discussion below). However, in absence of detailed volume and revenue data for the fourth quarter, we are not able to ascertain the specific dynamics of tariffs either average, or on distinct good segments.

#### Cost breakdown

Expenses (RON, mn.)	1Q21 2	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23
Materials	16.1	18.6	22	23	27.2	33.6	30.2	32.8	31.2	2 24	4 24.8	3 28
COGS	8.9	15.6	14.2	5.3	9.1	10.2	7.1	6.1	8.6	6 13.9	9 8.5	5.4
Depreciation	13.7	14.2	14.4	19.3	15.9	17.1	19.1	20.8	21	18	3 22	2 25.1
Subcontr.	44.7	45.1	62.8	56.1	62.2	88	80.8	100.2	96.4	1 77.	7 71.9	83.7
Wages	24	23.7	25.1	25.7	26.2	25.5	31.3	41.2	40.3	3 49	57.7	67
Other exp. incl Gains/losses	5.8	9.5	2.9	8.2	5.5	8.1	4	21.7	Ę	5 5.4	4 3.1	0
Total	113.2	126.7	141.4	137.6	146.1	182.5	172.5	222.8	202.5	5 18	3 188	209.2

Source: Company data, Erste Group Research

**Expenses grow less than revenues y-o-y**. During 2023, total operating expenses amounted to RON810mn, and grew less than 12% compared to 2022, and about 56% compared to 2021. On a quarterly basis, during 4Q23 total operating expenses increased by almost 4% compared to the last quarter of the previous year and by 23% compared to the expenses of 3Q23.



#### TTS Group cost structure evolution (RON, mn.)

Source: Company data, Erste Group Research



#### Cost evolution

oost cvolution							
Percentage of revenues	4Q23	4Q22	3Q23	4Q21	2023	2022	2021
Materials	9.7%	12.1%	8.2%	10.7%	9.3%	13.2%	13.3%
COGS	1.9%	2.3%	2.8%	5.1%	3.1%	3.5%	7.3%
Depreciation	8.7%	7.7%	7.3%	9.8%	7.4%	7.8%	10.3%
Subcontr.	29.1%	37.1%	23.8%	35.7%	28.4%	35.4%	34.9%
Wages	23.3%	15.2%	19.1%	18.3%	18.4%	13.3%	16.4%
Other exp.	4.0%	4.7%	3.8%	6.4%	3.9%	4.8%	7.0%
Gains/losses	3.6%	3.3%	-2.8%	3.0%	-0.8%	-0.6%	-2.6%

Source: Company data, Erste Group Research

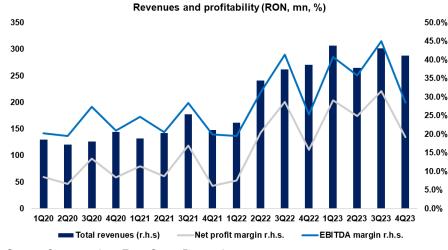
**Fuel, wages, depreciation** ... On a yearly basis, the bulk of the operating expenses' variation was due to three items. These were: fuel costs, depreciation and personnel related costs. All these costs' variations were both expected and unavoidable. Fuel costs declined both as an absolute number and as a share of total costs, on the back of the lower energy prices in general. Depreciation grew on the back of higher investments and acquisitions, while by far the largest increase in cost items was due to personnel costs that grew from RON124mn in 2022 to RIN214mn in 2023, a 72% jump in absolute terms. In relative terms, the increase in personnel costs accounted for the largest growth in costs, together with depreciation and more than balanced the decline in fuel costs. The other cost items' evolution was less significant. When more detailed data will appear, we will be able to further analyze the matter.

Percentage of total cost increase	2023/2022	4Q23/4Q22	4Q23/3Q23
Materials	-18.4%	-57.8%	7.4%
COGS	4.6%	-8.4%	-7.2%
Depreciation	15.4%	51.8%	7.2%
Subcontr.	-1.8%	-198.8%	27.4%
Wages	104.8%	310.8%	21.6%
Other exp.	0.0%	-13.3%	0.0%
Gains/losses	-4.6%	15.7%	43.6%
Operating expenses	100.0%	100.0%	100.0%

Source: Company data, Erste Group Research

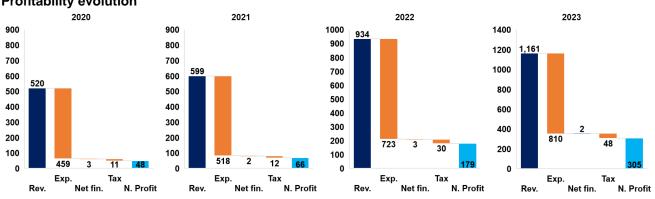
... on a quarterly basis q-o-q cost evolution worsens. On quarterly basis, the overall operating expenses grew only 4% y-o-y while revenues increase close to 7%. Vs. 4Q22 fuel costs are significantly lower, and so are subcontractors' costs, but depreciation and especially wages grow significantly. However, a more relevant cost evolution analysis relates to the comparison between the last quarter of 2023 and the third quarter of the year. During 4Q23, total operating costs increased by a whooping 23%, on a 4% decline in revenues. The increases were due to fuel, to subcontractors and to personnel related costs. This evolution was largely expected since the number of personnel has increased (no specific data released yet) and wages have gone up with inflation. In terms of subcontractors, it is worth noting that these expenses include – according to management – also shipyard costs, that actually are investments in the upgrade of the fleet.

Page 5/16



Source: Company data, Erste Group Research

Record profitability for the year, seasonal decline in last quarter. On a yearly basis, 2023 results show a significant boost in operating profits by 67% compared to previous year and 340% compared to 2021. EBITDA increased by 55% compared to 2022 and jumped by about 210% vs. 2021. Net income followed the same trend of EBIT, almost identically. In the last quarter of 2023, profits, both operating and net increased about 20%-30% vs the same period of the previous year. However, there was a decline compared to the record high margins of the previous quarter. Operating profit and net income declined by almost half, while EBITDA declined by almost 40%. Again, we have seen this in the later quarters of previous years, almost identical, however it is not clear the share of impact due to seasonality as a main factor, or a more permanent trend at work. Most probably, it is a combination of both, with the increased exports of Ukrainian grain from Odessa contributing to an easing of tariffs and, as a consequence, to the decline in profitability.



## **Profitability evolution**

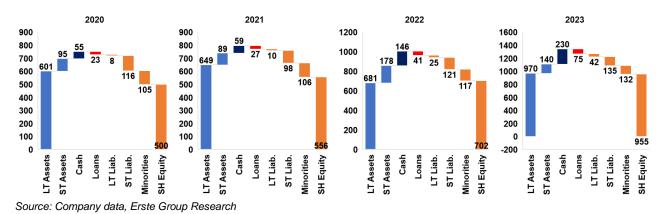
Source: Company data, Erste Group Research

Shareholders' equity boost. At the end of 2023, shareholders' equity stood at about RON955mn, an increase of 36% compared to the previous year, and 72% more than in 2021. Cash and equivalents position increased substantially from RON146mn at the end of 2022 to RON230 at the end of 2022, while the liability side of the balance sheet increased moderately on the back of an increase in loans (short and long term) of about RON44mn.



Page 6/16

#### **Balance sheet evolution**



**No cash flow statement or notes to the financial statements.** The company has not released any other data than B/S and I/S on an individual and consolidated basis. However, management announced that the amount of investments performed during 2023 reached RON205mn.

**Negative net debt...** With estimated solid cash generation on last year, the YE balance sheet showed a negative net debt, 50% higher than last year with a negative net debt to EBITDA ratio.

#### View on net debt

(RON, mn.)	2018	2019	2020	2021	2022	2023
Cash & equivalents	38.9	62.4	55.2	58.9	146.0	229.6
ST Debt	54.1	62.9	50.8	41.3	26.8	36.1
LT Debt	64.2	46.1	23.1	26.8	40.9	74.7
Net Debt	79.4	46.6	18.7	9.2	-78.3	-118.9
Net Debt to EBITDA	1.10	0.38	0.16	0.07	-0.28	-0.27

Source: Company data, Erste Group Research

... allows for higher dividend payment. TTS announced company management proposes to the GSM a dividend distribution of RON68.4mn, for a payout of about 45% of individual net profit (22% of consolidated net profit). This is consistent with the company dividend policy of distribution about 45% of individual net profit. The previous years' dividend payout was about 41% of individual net profit (18% of consolidated net profit). Overall, the amount of the dividend is double of that of 2022.

#### Top line and profitability, somewhat lower than our expectations...

With total revenues lower 1.6% than our estimates for the year, the company registered 4.1% higher total operating expenses, leading to a 12% lower operating profit compared to our expectations. The main reasons for the difference were the revenues in 4Q23, together with the higher-than-expected costs with personnel. Overall, net income and EBITDA were about 9.6% lower than our estimates.



#### Reported figures in comparison

(mn. RON)	2023	2022 chng.		2023e	chng.
Total revenues	1161.1	934.4	24.3%	1180.0	-1.6%
Materials	-108	-123.8	-12.8%	-106.2	1.7%
COGS	-36.4	-32.5	12.0%	-41.3	-11.9%
Depreciation	-86.1	-72.9	18.1%	-81.8	5.2%
Subcontr.	-329.7	-331.2	-0.5%	-330.4	-0.2%
Wages	-214	-124.2	72.3%	-194.7	9.9%
Other exp.	-45.1	-45.1	0.0%	-47.2	-4.5%
Gains/losses	9.7	5.8	67.2%	23.6	-58.9%
Operating expens	-809.6	-723.9	11. <b>8</b> %	-778.0	4.1%
Operating profit	351.5	210.5	67.0%	402.0	-12.6%
Fin. Rev.	1.6	1	60.0%	1.3	26.7%
Fin. Costs	0.4	-2.8	-114.3%	-1.2	-133.7%
Net fin.	2.0	-1.8	-211.1%	0.1	2596.4%
PBT	353.5	208.7	<b>69.4%</b>	402.1	-12.1%
Tax	-48.1	-29.7	62.0%	-64.3	-25.2%
Net Income	305.4	179	<b>70.6%</b>	337.7	<b>-9.6%</b>
Net margin	26.3%	19.2%		28.6%	
EBITDA	437.6	283.4	54.4%	483.8	<b>-9.6%</b>
EBITDA margin	37.7%	30.3%		41.0%	

Source: Company data, Erste Group Research

#### Looking forward – 2024 budget

**New dynamic in cereal transportation...** Starting during the end of the third quarter of 2023, Ukraine has begun a new transportation corridor for cereals. This corridor, starting in the Greater Odessa area, is following the shore of Ukraine, Romania and Bulgaria, and has supplanted to previous corridor through the Black Sea that has been denounced by Russia in July 2023. According to TTS management, the volumes operated and transported from the Greater Odessa area using this Ukrainian initiative have reached levels comparable to those before the war.

... sees declining volumes on Danube... Thus, the Danube ports of Reni and Ismail have declined significantly in terms of volumes, reaching in December 2023 only about 50% of the volumes shown in September 2023. The trend continued and accelerated during the first quarter of 2024.

... while tariffs retreat from record highs. The lower volumes transited through Romania have impacted cereal transportation tariffs on the Danube, and operating tariffs in Constanta Port. While the overall volumes to be operated by TTS remain largely constant, the demand decline has influenced tariffs. Detailed data missing, our analysis remains qualitative, until details are announced.

**2024 – better outlook for minerals and chemicals**. According to TTS management, during 2024 total volumes will be congruent with the volumes of 2023, however shifting from cereals to minerals and chemicals. The large decline in demand of capacity for Ukrainian grain will influence significantly operations. The expected decline in cereals comes on the back of lower volumes transported on the Danube due to low crop prices in the Danube basin, and similar volumes operated in Constanta Port, while an increase in minerals is anticipated, especially in river transport of minerals.

**Minerals' dynamics**. The beginning of 2023 witnessed a huge backlog of minerals for river transport to Serbia, which fueled this segment in the beginning of the year. This year, the backlog doesn't exist, however the





demand for Serbia remains steady. TTS has ongoing contracts with Liberty Galati showing growth and with another Liberty rolling plant in Hungary.

**Chemicals to benefit from Decirom acquisition synergies**. According to company management, the acquisition of Decirom with its capacity of operating packaged chemicals has led to an improving outlook for chemical segment during 2024, compared to the very poor 2023, however no clear volume indications have been forthcoming.

#### Budget shows lower top line and profitability on lower revenues...

According to the published company budget, management expects in 2024 a more than 5% retreat in revenues. This should come on the back of largely similar total volumes, however declining tariffs influenced by the lower demand in the cereal segment, as per our discussion above. The basis for the budget is current contracts and management expectations on volumes and tariff evolution. Again, the lack of data for the year, and especially the fourth quarter, together with any indication of operational assumptions from the company, prevents us from making an accurate assessment of the budgeted figures.

#### Comparison against budgeted figures

(mn. RON)	2024B	2023 chng.		2024e chng.		
Total revenues	1100.2	1161.1	-5.2%	1257.3	-12.5%	
Materials	-99.7	-108	-7.7%	-150.9	-33.9%	
COGS	-38.3	-36.4	5.2%	-44.0	-13.0%	
Depreciation	-108.5	-86.1	26.0%	-115.0	-5.7%	
Subcontr.	-345.2	-329.7	4.7%	-440.0	-21.6%	
Wages	-262.9	-214	22.9%	-213.7	23.0%	
Other exp.	-33.1	-45.1	-26.6%	-50.3	-34.2%	
Gains/losses	8.1	9.7	-16.5%	25.1	-67.8%	
Operating expenses	-879.6	-809.6	8.6%	-988.8	-11.0%	
Operating profit	220.6	351.5	-37.2%	268.5	-17.8%	
Fin. Rev.		1.6	-100.0%	1.3	-100.0%	
Fin. Costs	-2.0	0.4	-600.0%	-4.1	-51.8%	
Net fin.	-2.0	2.0	-200.0%	-2.8	-28.6%	
PBT	218.6	353.5	-38.2%	265.7	-17.7%	
Тах	-35.0	-48.1	-27.2%	-42.5	-17.7%	
Net Income	183.6	305.4	-39.9%	223.2	-17.7%	
Net margin	16.7%	26.3%		17.7%		
EBITDA	329.1	437.6	-24.8%	383.5	-14.2%	
EBITDA margin	29.9%	37.7%		30.5%		

Source: Company data, Erste Group Research

... and higher costs. According to management projections, operating costs should increase, by about 9%, which combined with the lower revenues should lead to a 37% lower profit and about 40% lower net income and 25% lower revenues. Major increases in costs should come on the back of depreciation – natural considering the company's 2023 investments, wages and subcontractors. Both wages and subcontractor expense increases should be a natural trend, considering the evolution of the last quarter of 2023, however the coming 1Q24 results should be revealing of the development of these items.

**Budgeted profitability, way below 2023.** Our latest 2024 forecast, issued on the back of data of half year ago, seems now overly optimistic regarding both top line and profitability. The company budgeted figures point to a top line 13% lower than our anticipation, leading to operating and net profits about 18% lower than our previous forecasts, with and EBITDA 14% than our anticipation.

Page 9/16

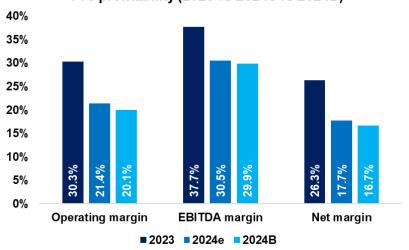
#### Percentage of total

cost increase	2024B/2023	2024e/2024B
Materials	-11.9%	46.9%
COGS	2.7%	5.2%
Depreciation	32.0%	6.0%
Subcontr.	22.1%	86.8%
Wages	69.9%	-45.0%
Other exp.	-17.1%	15.7%
Gains/losses	2.3%	-15.6%
Operating expenses	100.0%	100.0%

Source: Company data, Erste Group Research

#### Success of Ukrainian shipping from Greater Odessa changed the

**rules of the game.** When we have issued our previous forecast, the impact of the Ukrainian transportation corridor along the shores of Ukraine, Romania and Bulgaria was far from being evident. We had assumed that – in the conditions of continued conflict – Ukrainian grain was to continue to be shipped via river to Constanta and transferred from barge to ship. However, according to company management, the Ukrainian cereal river transport has declined dramatically, while the overcrowding in the Constanta Port has disappeared. Thus, overall tariffs (influenced mainly the evolution of cereal tariffs) should have begun to ease during 4Q23 and continue to do so during 1Q24.



#### TTS profitability (2023 vs 2024e vs 2024B)

Source: Company data, Erste Group Research

We had anticipated slightly better profitability in 2024. In our previous forecast we had assumed a higher fuel price than what appears to be warranted for the current market. Also, we believed the growth in wages needed to maintain qualified personnel to be lower than what the company's current guidance. Thus, albeit we have anticipated higher operating costs than company budget, the decline in revenues seems to be higher as well, leading to an overall lower profitability. Our 2024 estimated operating margin of 21.4% is higher than the 20.1% budgeted by the company, while our net income margin at 17.7% falls below company anticipation of 16.7%, while EBITDA margins are more in line, with our previous projection at 30.5% vs. company budgeted EBITDA margin of 29.9%.





Page 10/16

#### Management hints at major investment announcement but no other

**info available**. In our latest conference call with TTS, management has alluded to a coming announcement regarding a major investment in the business. We currently have no indication of the area and the amount of the investment.



#### Group Research

Erste Group Research CEE Equity Research - Company Update Transport Trade Services SA | Ind. Transportation | Romania 22 March 2024

Page 11/16

+420 224 995 537 +420 224 995 411 +420 224 995 551

+420 224 995 554

+361 235 5141 +361 235 5156 +361 235 5140

+48 22 257 5711 +48 22 257 5715 +48 22 257 5714

+48 22 257 5712 +48 22 257 5713

+40 3735 16541 +43 (0)5 0100 84012

+43 (0)5 0100 84239 +43 (0)5 0100 84232

+43 (0)5 0100 83214

+43 (0)5 0100 84147

+43 (0)50100 84432

+49 (0)30 8105800 5503

+49 (0)711 810400 5540 +49 (0)30 8105800 5525 +49 (0)711 810400 5561 +49 (0)711 810400 5562 +43 (0)5 0100 85544 +49 (0)711 810400 5541 +49 (0)30 8105800 5521 +49 (0)30 8105800 5523 +43 (0)5 0100 85558 +49 (0)711 810400 5560

+421 2 4862 5619 +421 2 4862 5629

+385 (0)7237 2439 +43 (0)5 0100 84254

+420 2 2499 5577 +420 2 2499 5562 +420 2 2499 5566 +420 2 2499 5590

+385 (0)7237 2439 +385 (0)7237 1787 +385 (0)7237 1638

+36 1 237 8211 +36 1 237 8205 +36 1 237 8209

+420 956 765 140

+43 (0)50100 84403

+43 (0)5 0100 84403 +43 (0)5 0100 84117 +43 (0)5 0100 84119 +43 (0)5 0100 85612 +43 (0)5 0100 84323 +36-1-237 8209

Head of Group Research Friedrich Mostböck, CEFA <sup>®</sup> , CESGA <sup>®</sup>		
	+43 (0)5 0100 11902	Institutional Equity Sales Czech Republic Head: Michal Rizek Pavel Krabicka Martin Havlan
CEE Macro/Fixed Income Research		Jiri Feres
Head: Juraj Kotian (Macro/FI)	+43 (0)5 0100 17357	51111 6163
Katarzyna Rzentarzewska (Fixed income)	+43 (0)5 0100 17356	Institutional Equity Sales Hungary
Jakub Cery (Fixed income)	+43 (0)5 0100 17384	Levente Nándori
Croatia/Serbia		Balázs Zánkay
Alen Kovac (Head)	+385 72 37 1383	Krisztián Kandik
Mate Jelić	+385 72 37 1443	
Ivana Rogic	+385 72 37 2419	Institutional Equity Sales Poland
5		Jacek Jakub Langer (Head) Tomasz Galanciak
Czech Republic		Wojciech Wysocki
David Navratil (Head)	+420 956 765 439	Przemysław Nowosad
Jiri Polansky	+420 956 765 192	Maciej Senderek
Michal Skorepa	+420 956 765 172	
Use even		Institutional Equity Sales Romania
Hungary Oraclus Nuceto	- 261 269 4429	Valerian Ionescu
Orsolya Nyeste János Nagy	+361 268 4428 +361 272 5115	Group Markets Retail and Agency Business
ounos nagy	1001212 0110	Head: Christian Reiss
Romania		
Ciprian Dascalu (Head)	+40 3735 10108	Markets Retail Sales AT
Eugen Sinca	+40 3735 10435	Head: Markus Kaller
Dorina Ilasco	+40 3735 10436	Oraun Maduata Evaluation
Vlad Nicolae Ionita	+40 7867 15618	Group Markets Execution Head: Kurt Gerhold
		Head. Kult Gemold
Slovakia	101 0 1000 1105	Retail & Sparkassen Sales
Maria Valachyova (Head)	+421 2 4862 4185	Head: Uwe Kolar
Matej Hornak	+421 902 213 591	
Major Markets & Credit Research		Corporate Treasury Prod. Distribution
Head: Gudrun Egger, CEFA®	+43 (0)5 0100 11909	Head: Martina Kranzl-Carvell
Ralf Burchert, CEFA® (Sub-Sovereigns & Agencies)	+43 (0)5 0100 16314	Group Securities Markets
Hans Engel (Global Equities)	+43 (0)5 0100 19835	Head: Thomas Einramhof
Margarita Grushanina (Austria, Quant Analyst)	+43 (0)5 0100 11957	
Peter Kaufmann, CFA® (Corporate Bonds)	+43 (0)5 0100 11183	Institutional Distribution Core
Heiko Langer (Financials & Covered Bonds)	+43 (0)5 0100 85509	Head: Jürgen Niemeier
Stephan Lingnau (Global Equities) Carmen Riefler-Kowarsch (Financials & Covered Bonds)	+43 (0)5 0100 16574	Institutional Distribution DACH+
Rainer Singer (Euro, US)	+43 (0)5 0100 19632 +43 (0)5 0100 17331	Head: Marc Friebertshäuser
Bernadett Povazsai-Römhild, CEFA <sup>®</sup> , CESGA <sup>®</sup> (Corporate Bonds)	+43 (0)5 0100 17203	Bernd Bollhof
Elena Statelov, CIIA <sup>®</sup> (Corporate Bonds)	+43 (0)5 0100 19641	Andreas Goll
Gerald Walek, CFA <sup>®</sup> (Euro, CHF)	+43 (0)5 0100 16360	Mathias Gindele
		Ulrich Inhofner
CEE Equity Research	. 42 (0)5 0400 40024	Sven Kienzle Rene Klasen
Head: Henning Eßkuchen Daniel Lion, CIIA <sup>®</sup> (Technology, Ind. Goods&Services)	+43 (0)5 0100 19634 +43 (0)5 0100 17420	Christopher Lampe-Traupe
Michael Marschallinger, CFA®	+43 (0)5 0100 17906	Michael Schmotz
Nora Nagy (Telecom)	+43 (0)5 0100 17416	Christoph Ungerböck
Christoph Schultes, MBA, CIIA <sup>®</sup> (Real Estate)	+43 (0)5 0100 11523	Klaus Vosseler
Thomas Unger, CFA <sup>®</sup> (Banks, Insurance)	+43 (0)5 0100 17344	Slovakia
Vladimira Urbankova, MBA (Pharma)	+43 (0)5 0100 17343	Šarlota Šipulová
Martina Valenta, MBA	+43 (0)5 0100 11913	Monika Směliková
Croatia/Serbia		
	+381 11 22 09178	Institutional Distribution CEE & Insti AM CZ
Mladen Dodig (Head)		Head: Antun Burić
Mladen Dodig (Head) Boris Pevalek, CFA <sup>®</sup>	+385 99 237 2201	
Boris Pevalek, CFA <sup>®</sup> Marko Plastic	+385 99 237 2201 +385 99 237 5191	Jaromir Malak
Boris Pevalek, CFA <sup>®</sup> Marko Plastic Matej Pretkovic	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519	Czech Republic
Boris Pevalek, CFA <sup>©</sup> Marko Plastic Matej Pretkovic Bruno Barbic	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 1041	Czech Republic Head: Ondrej Čech
Boris Pevalek, CFA <sup>®</sup> Marko Plastic Matej Pretkovic Bruno Barbic Davor Spoljar, CFA <sup>®</sup>	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825	Czech Republic Head: Ondrej Čech Milan Bartoš
Boris Pevalek, CFA <sup>©</sup> Marko Plastic Matej Pretkovic Bruno Barbic	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 1041	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich
Boris Pevalek, CFA <sup>©</sup> Marko Plastic Marko Pretkovic Bruno Barbic Davor Spoljar, CFA <sup>©</sup> Magdalena Basic Czech Republic	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825	Czech Republic Head: Ondrej Čech Milan Bartoš
Boris Pevalek, CFA <sup>®</sup> Marko Plastic Matej Pretkovic Bruno Barbic Davor Spoljar, CFA <sup>®</sup> Magdalena Basic	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia
Boris Pevalek, CFA <sup>©</sup> Marko Plastic Marko Pretkovic Bruno Barbic Davor Spoljar, CFA <sup>©</sup> Magdalena Basic Czech Republic	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić
Boris Pevalek, CFA <sup>©</sup> Marko Plastic Marko Pretkovic Bruno Barbic Davor Spoljar, CFA <sup>©</sup> Magdalena Basic Czech Republic Petr Bartek (Head, Utilities) Jan Safranek	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407 +420 956 765 227	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić Zvonimir Tukać
Boris Pevalek, CFA <sup>©</sup> Marko Plastic Matej Pretkovic Bruno Barbic Davor Spoljar, CFA <sup>©</sup> Magdalena Basic Czech Republic Pert Bartek (Head, Utilities) Jan Safranek Hungary	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407 +420 956 765 227 +420 956 765 218	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić
Boris Pevalek, CFA <sup>©</sup> Marko Plastic Marko Pretkovic Bruno Barbic Davor Spoljar, CFA <sup>©</sup> Magdalena Basic Czech Republic Petr Bartek (Head, Utilities) Jan Safranek Hungary József Miró (Head)	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407 +420 956 765 227 +420 956 765 218 +361 235 5131	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić Zvonimir Tukač Natalija Zujic
Boris Pevalek, CFA <sup>©</sup> Marko Plastic Matej Pretkovic Bruno Barbic Davor Spoljar, CFA <sup>©</sup> Magdalena Basic Czech Republic Pert Bartek (Head, Utilities) Jan Safranek Hungary	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407 +420 956 765 227 +420 956 765 218	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić Zvonimir Tukać Natalija Zujic Hungary Head: Peter Csizmadia
Boris Pevalek, CFA <sup>©</sup> Marko Plastic Marko Plastic Bruno Barbic Davor Spoljar, CFA <sup>©</sup> Magdalena Basic Czech Republic Petr Bartek (Head, Utilities) Jan Safranek Hungary József Miró (Head) András Nagy Tamás Pletser, CFA <sup>®</sup> (Oil & Gas)	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407 +420 956 765 227 +420 956 765 218 +361 235 5131 +361 235 5132	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić Zvonimir Tukać Natalija Zujic Hungary Head: Peter Csizmadia Gábor Bálint
Boris Pevalek, CFA <sup>®</sup> Marko Plastic Bruno Barbic Davor Spoljar, CFA <sup>®</sup> Magdalena Basic Czech Republic Petr Bartek (Head, Utilities) Jan Safranek Hungary József Miró (Head) András Nagy Tamás Pletser, CFA <sup>®</sup> (Oil & Gas) Poland	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407 +420 956 765 227 +420 956 765 218 +361 235 5131 +361 235 5132 +361 235 5135	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić Zvonimir Tukać Natalija Zujic Hungary Head: Peter Csizmadia
Boris Pevalek, CFA <sup>©</sup> Marko Plastic Marko Pretkovic Bruno Barbic Davor Spoljar, CFA <sup>©</sup> Magdalena Basic Czech Republic Petr Bartek (Head, Utilities) Jan Safranek Hungary József Miró (Head) András Nagy Tamás Pletser, CFA <sup>©</sup> (Oil & Gas) Poland Cezary Bernatek (Head)	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407 +420 956 765 227 +420 956 765 218 +361 235 5131 +361 235 5132 +361 235 5135 +48 22 257 5751	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić Zvonimir Tukać Natalija Zujic Hungary Head: Peter Csizmadia Gábor Bálint Gergő Szabo
Boris Pevalek, CFA <sup>©</sup> Marko Plastic Marko Plastic Bruno Barbic Davor Spoljar, CFA <sup>©</sup> Magdalena Basic Czech Republic Petr Bartek (Head, Utilities) Jan Safranek Hungary József Miró (Head) András Nagy Tamás Pletser, CFA <sup>®</sup> (Oil & Gas) Poland Cezary Bernatek (Head) Piotr Bogusz	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407 +420 956 765 227 +420 956 765 218 +361 235 5131 +361 235 5132 +361 235 5135 +48 22 257 5751 +48 22 257 5751	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić Zvonimir Tukač Natalija Zujic Hungary Head: Peter Csizmadia Gábor Bálint Gergő Szabo Romania
Boris Pevalek, CFA <sup>®</sup> Marko Plastic Marko Plastic Davor Spoljar, CFA <sup>®</sup> Magdalena Basic Czech Republic Petr Bartek (Head, Utilities) Jan Safranek Hungary Jözsef Miró (Head) András Nagy Tamás Pletser, CFA <sup>®</sup> (Oil & Gas) Poland Cezary Bernatek (Head) Piotr Bogusz Lukasz Jańczak	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407 +420 956 765 227 +420 956 765 218 +361 235 5131 +361 235 5132 +361 235 5135 +48 22 257 5751 +48 22 257 5755 +48 22 257 5754	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić Zvonimir Tukać Natalija Zujic Hungary Head: Peter Csizmadia Gábor Bálint Gergő Szabo
Boris Pevalek, CFA <sup>®</sup> Marko Plastic Marko Plastic Bruno Barbic Davor Spoljar, CFA <sup>®</sup> Magdalena Basic Czech Republic Petr Bartek (Head, Utilities) Jan Safranek Hungary József Miró (Head) András Nagy Tamás Pletser, CFA <sup>®</sup> (Oil & Gas) Poland Cezary Bernatek (Head) Piotr Bogusz Łukasz Jańczak Krzysztof Kawa, CIIA <sup>®</sup>	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407 +420 956 765 227 +420 956 765 218 +361 235 5131 +361 235 5132 +361 235 5135 +48 22 257 5751 +48 22 257 5754 +48 22 257 5754 +48 22 257 5752	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić Zvonimir Tukač Natalija Zujic Hungary Head: Peter Csizmadia Gábor Bálint Gergő Szabo Romania Head: Octavian Florin Munteanu Institutional Asset Management Czech Republic
Boris Pevalek, CFA <sup>®</sup> Marko Plastic Marko Plastic Davor Spoljar, CFA <sup>®</sup> Magdalena Basic Czech Republic Petr Bartek (Head, Utilities) Jan Safranek Hungary Jözsef Miró (Head) András Nagy Tamás Pletser, CFA <sup>®</sup> (Oil & Gas) Poland Cezary Bernatek (Head) Piotr Bogusz Lukasz Jańczak	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407 +420 956 765 227 +420 956 765 218 +361 235 5131 +361 235 5132 +361 235 5135 +48 22 257 5751 +48 22 257 5755 +48 22 257 5754	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić Zvonimir Tukać Natalija Zujic Hungary Head: Peter Csizmadia Gábor Bálint Gergő Szabo Romania Head: Octavian Florin Munteanu Institutional Asset Management Czech Republic Head: Petr Holeček
Boris Pevalek, CFA <sup>®</sup> Marko Plastic Marko Plastic Bruno Barbic Davor Spoljar, CFA <sup>®</sup> Magdalena Basic Czech Republic Petr Bartek (Head, Utilities) Jan Safranek Hungary József Miró (Head) András Nagy Tamás Pletser, CFA <sup>®</sup> (Oil & Gas) Poland Cezary Bernatek (Head) Piotr Bogusz Łukasz Jańczak Krzysztof Kawa, CIIA <sup>®</sup> Jakub Szkopek	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407 +420 956 765 227 +420 956 765 218 +361 235 5131 +361 235 5132 +361 235 5135 +48 22 257 5751 +48 22 257 5754 +48 22 257 5754 +48 22 257 5752	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić Zvonimir Tukač Natalija Zujic Hungary Head: Peter Csizmadia Gábor Bálint Gergő Szabo Romania Head: Octavian Florin Munteanu Institutional Asset Management Czech Republic Head: Petr Holeček Petra Maděrová
Boris Pevalek, CFA <sup>©</sup> Marko Plastic Marko Plastic Bruno Barbic Davor Spoljar, CFA <sup>©</sup> Magdalena Basic Czech Republic Petr Bartek (Head, Utilities) Jan Safranek Hungary József Miró (Head) András Nagy Tamás Pletser, CFA <sup>©</sup> (Oil & Gas) Poland Cezary Bernatek (Head) Piotr Bogusz Łukasz Jańczak Krzysztof Kawa, CIIA <sup>®</sup> Jakub Szkopek	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407 +420 956 765 227 +420 956 765 218 +361 235 5131 +361 235 5132 +361 235 5135 +48 22 257 5751 +48 22 257 5754 +48 22 257 5754 +48 22 257 5752	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić Zvonimir Tukać Natalija Zujic Hungary Head: Peter Csizmadia Gábor Bálint Gergő Szabo Romania Head: Octavian Florin Munteanu Institutional Asset Management Czech Republic Head: Petr Holeček Petra Maděrová Martin Peřina
Boris Pevalek, CFA <sup>©</sup> Marko Plastic Marko Plastic Bruno Barbic Davor Spoljar, CFA <sup>©</sup> Magdalena Basic Czech Republic Petr Bartek (Head, Utilities) Jan Safranek Hungary Jözsef Miró (Head) András Nagy Tamás Pletser, CFA <sup>©</sup> (Oil & Gas) Poland Cezary Bernatek (Head) Piotr Bogusz Łukasz Jańczak Krzysztof Kawa, CIIA <sup>®</sup> Jakub Szkopek	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407 +420 956 765 227 +420 956 765 218 +361 235 5131 +361 235 5132 +361 235 5135 +48 22 257 5751 +48 22 257 5755 +48 22 257 5752 +48 22 257 5752 +48 22 257 5752 +48 22 257 5753	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić Zvonimir Tukač Natalija Zujic Hungary Head: Peter Csizmadia Gábor Bálint Gergő Szabo Romania Head: Octavian Florin Munteanu Institutional Asset Management Czech Republic Head: Petr Holeček Petra Maděrová
Boris Pevalek, CFA <sup>®</sup> Marko Plastic Marko Plastic Bruno Barbic Davor Spoljar, CFA <sup>®</sup> Magdalena Basic Czech Republic Petr Bartek (Head, Utilities) Jan Safranek Hungary József Miró (Head) András Nagy Tamás Pletser, CFA <sup>®</sup> (Oil & Gas) Poland Cezary Bernatek (Head) Piotr Bogusz Łukasz Jańczak Krzysztof Kawa, CIIA <sup>®</sup> Jakub Szkopek	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407 +420 956 765 227 +420 956 765 218 +361 235 5131 +361 235 5132 +361 235 5135 +48 22 257 5751 +48 22 257 5755 +48 22 257 5752 +48 22 257 5752 +48 22 257 5752 +48 22 257 5753	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić Zvonimir Tukač Natalija Zujic Hungary Head: Peter Csizmadia Gábor Bálint Gergő Szabo Romania Head: Octavian Florin Munteanu Institutional Asset Management Czech Republic Head: Petr Holeček Petra Maděrová Martin Peřina David Petráček
Boris Pevalek, CFA <sup>©</sup> Marko Plastic Marko Plastic Davor Spoljar, CFA <sup>®</sup> Magdalena Basic Czech Republic Petr Bartek (Head, Utilities) Jan Safranek Hungary József Miró (Head) András Nagy Tamás Pletser, CFA <sup>®</sup> (Oil & Gas) Poland Cezary Bernatek (Head) Piotr Bogusz Łukasz Jańczak Krzysztof Kawa, CIIA <sup>®</sup> Jakub Szkopek Romania Caius Rapanu <b>Group Institutional &amp; Retail Sales</b>	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407 +420 956 765 227 +420 956 765 218 +361 235 5131 +361 235 5132 +361 235 5135 +48 22 257 5751 +48 22 257 5755 +48 22 257 5752 +48 22 257 5752 +48 22 257 5752 +48 22 257 5753	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić Zvonimir Tukač Natalija Zujic Hungary Head: Peter Csizmadia Gábor Bálint Gergő Szabo Romania Head: Octavian Florin Munteanu Institutional Asset Management Czech Republic Head: Petr Holeček Petra Maděrová Martin Peřina David Petráček Blanca Weinerová Petr Valenta
Boris Pevalek, CFA <sup>®</sup> Marko Plastic Marko Plastic Bruno Barbic Davor Spoljar, CFA <sup>®</sup> Magdalena Basic Czech Republic Petr Bartek (Head, Utilities) Jan Safranek Hungary Jözsef Miró (Head) András Nagy Tamás Pletser, CFA <sup>®</sup> (Oil & Gas) Poland Cezary Bernatek (Head) Piotr Bogusz Łukasz Jańczak Krzysztof Kawa, CIIA <sup>®</sup> Jakub Szkopek Romania Caius Rapanu <b>Group Institutional &amp; Retail Sales</b> Group Institutional Equity Sales	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407 +420 956 765 227 +420 956 765 218 +361 235 5131 +361 235 5132 +361 235 5135 +48 22 257 5751 +48 22 257 5751 +48 22 257 5752 +48 22 257 5753 +40 3735 10441	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić Zvonimir Tukać Natalija Zujic Hungary Head: Peter Csizmadia Gábor Bálint Gergő Szabo Romania Head: Octavian Florin Munteanu Institutional Asset Management Czech Republic Head: Petr Holeček Petra Maděrová Martin Peřina David Petráček Blanca Weinerová Petr Valenta Group Fixed Income Securities Markets
Boris Pevalek, CFA <sup>©</sup> Marko Plastic Marko Plastic Davor Spoljar, CFA <sup>®</sup> Magdalena Basic Czech Republic Petr Bartek (Head, Utilities) Jan Safranek Hungary József Miró (Head) András Nagy Tamás Pletser, CFA <sup>®</sup> (Oil & Gas) Poland Cezary Bernatek (Head) Piotr Bogusz Łukasz Jańczak Krzysztof Kawa, CIIA <sup>®</sup> Jakub Szkopek Romania Caius Rapanu <b>Group Institutional &amp; Retail Sales</b>	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407 +420 956 765 227 +420 956 765 218 +361 235 5131 +361 235 5132 +361 235 5135 +48 22 257 5751 +48 22 257 5755 +48 22 257 5752 +48 22 257 5752 +48 22 257 5752 +48 22 257 5753	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić Zvonimir Tukač Natalija Zujic Hungary Head: Peter Csizmadia Gábor Bálint Gergő Szabo Romania Head: Octavian Florin Munteanu Institutional Asset Management Czech Republic Head: Petr Holeček Petra Maděrová Martin Peřina David Petráček Blanca Weinerová Petr Valenta
Boris Pevalek, CFA <sup>®</sup> Marko Plastic Marko Plastic Bruno Barbic Davor Spoljar, CFA <sup>®</sup> Magdalena Basic Czech Republic Petr Bartek (Head, Utilities) Jan Safranek Hungary Jözsef Miró (Head) András Nagy Tamás Pletser, CFA <sup>®</sup> (Oil & Gas) Poland Cezary Bernatek (Head) Piotr Bogusz Łukasz Jańczak Krzysztof Kawa, CIIA <sup>®</sup> Jakub Szkopek Romania Caius Rapanu <b>Group Institutional &amp; Retail Sales</b> Group Institutional Equity Sales	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407 +420 956 765 227 +420 956 765 218 +361 235 5131 +361 235 5132 +361 235 5135 +48 22 257 5751 +48 22 257 5751 +48 22 257 5752 +48 22 257 5753 +40 3735 10441	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić Zvonimir Tukač Natalija Zujic Hungary Head: Peter Csizmadia Gábor Bálint Gergő Szabo Romania Head: Octavian Florin Munteanu Institutional Asset Management Czech Republic Head: Petr Holeček Petra Maděrová Martin Peřina David Petráček Blanca Weinerová Petr Valenta Group Fixed Income Securities Markets Head: Goran Hoblaj
Boris Pevalek, CFA® Marko Plastic Marko Plastic Bruno Barbic Davor Spoljar, CFA® Magdalena Basic Czech Republic Petr Bartek (Head, Utilities) Jan Safranek Hungary József Miró (Head) András Nagy Tamás Pletser, CFA® (Oil & Gas) Poland Cezary Bernatek (Head) Piotr Bogusz Łukasz Jańczak Krzysztof Kawa, CIIA® Jakub Szkopek Romania Caius Rapanu <b>Group Institutional &amp; Retail Sales</b> Group Institutional Equity Sales Head: Michal Rizek Cash Equity Sales	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407 +420 956 765 227 +420 956 765 218 +361 235 5131 +361 235 5132 +361 235 5132 +361 235 5135 +48 22 257 5751 +48 22 257 5755 +48 22 257 5752 +48 22 257 5753 +40 3735 10441 +420 224 995 537 +43 (0)5 0100 83121	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić Zvonimir Tukač Natalija Zujic Hungary Head: Peter Csizmadia Gábor Bálint Gergő Szabo Romania Head: Octavian Florin Munteanu Institutional Asset Management Czech Republic Head: Peter Holeček Petra Maděrová Martin Peřina David Petráček Blanca Weinerová Petr Valenta Group Fixed Income Securities Markets Head: Goran Hoblaj FISM Flow Head: Gorjan Hoblaj
Boris Pevalek, CFA® Marko Plastic Marko Plastic Bruno Barbic Davor Spoljar, CFA® Magdalena Basic Czech Republic Petr Bartek (Head, Utilities) Jan Safranek Hungary Jözsef Miró (Head) András Nagy Tamás Pletser, CFA® (Oil & Gas) Poland Cezary Bernatek (Head) Piotr Bogusz Łukasz Jańczak Krzysztof Kawa, CIIA® Jakub Szkopek Romania Caius Rapanu Group Institutional & Retail Sales Group Institutional Equity Sales Head: Michal Rizek Cash Equity Sales Werner Fuerst Viktoria Kubalcova	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407 +420 956 765 227 +420 956 765 218 +361 235 5131 +361 235 5132 +361 235 5135 +48 22 257 5751 +48 22 257 5755 +48 22 257 5753 +48 22 257 5753 +40 3735 10441 +420 224 995 537 +43 (0)5 0100 83121 +43 (0)5 0100 83124	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić Zvonimir Tukać Natalija Zujic Hungary Head: Peter Csizmadia Gábor Bálint Gergő Szabo Romania Head: Octavian Florin Munteanu Institutional Asset Management Czech Republic Head: Petr Holeček Petra Maděrová Martin Peřina David Petráček Blanca Weinerová Petr Valenta Group Fixed Income Securities Markets Head: Gorjan Hoblaj FISM Flow Head: Gorjan Hoblaj
Boris Pevalek, CFA® Marko Plastic Marko Plastic Bruno Barbic Davor Spoljar, CFA® Magdalena Basic Czech Republic Petr Bartek (Head, Utilities) Jan Safranek Hungary József Miró (Head) András Nagy Tamás Pletser, CFA® (Oil & Gas) Poland Cezary Bernatek (Head) Piotr Bogusz Łukasz Jańczak Krzysztof Kawa, CIIA® Jakub Szkopek Romania Caius Rapanu <b>Group Institutional &amp; Retail Sales</b> Group Institutional Equity Sales Head: Michal Rizek Cash Equity Sales Werner Fuerst Viktoria Kubalcova	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407 +420 956 765 227 +420 956 765 218 +361 235 5131 +361 235 5132 +361 235 5135 +48 22 257 5751 +48 22 257 5755 +48 22 257 5753 +40 3735 10441 +420 3735 10441 +420 224 995 537 +43 (0)5 0100 83121 +43 (0)5 0100 83124 +43 (0)5 0100 83120	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić Zvonimir Tukač Natalija Zujic Hungary Head: Peter Csizmadia Gábor Bálint Gergő Szabo Romania Head: Octavian Florin Munteanu Institutional Asset Management Czech Republic Head: Peter Holeček Petra Maděrová Martin Peřina David Petráček Blanca Weinerová Petr Valenta Group Fixed Income Securities Markets Head: Goran Hoblaj FISM Flow Head: Gorjan Hoblaj Margit Hraschek
Boris Pevalek, CFA® Marko Plastic Marko Plastic Bruno Barbic Davor Spoljar, CFA® Magdalena Basic Czech Republic Petr Bartek (Head, Utilities) Jan Safranek Hungary Jözsef Miró (Head) András Nagy Tamás Pletser, CFA® (Oil & Gas) Poland Cezary Bernatek (Head) Piotr Bogusz Łukasz Jańczak Krzysztof Kawa, CIIA® Jakub Szkopek Romania Caius Rapanu Group Institutional & Retail Sales Group Institutional Equity Sales Head: Michal Rizek Cash Equity Sales Werner Fuerst Viktoria Kubalcova	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407 +420 956 765 227 +420 956 765 218 +361 235 5131 +361 235 5132 +361 235 5135 +48 22 257 5751 +48 22 257 5755 +48 22 257 5753 +48 22 257 5753 +40 3735 10441 +420 224 995 537 +43 (0)5 0100 83121 +43 (0)5 0100 83124	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić Zvonimir Tukač Natalija Zujic Hungary Head: Peter Csizmadia Gábor Bálint Gergő Szabo Romania Head: Octavian Florin Munteanu Institutional Asset Management Czech Republic Head: Peter Holeček Petra Maděrová Martin Peřina David Petráček Blanca Weinerová Petr Valenta Group Fixed Income Securities Markets Head: Gorian Hoblaj FISM Flow Head: Gorjan Hoblaj Margit Hraschek Bernd Thaler
Boris Pevalek, CFA® Marko Plastic Marko Plastic Bruno Barbic Davor Spoljar, CFA® Magdalena Basic Czech Republic Petr Bartek (Head, Utilities) Jan Safranek Hungary Jözsef Miró (Head) András Nagy Tamás Pletser, CFA® (Oil & Gas) Poland Cezary Bernatek (Head) Piotr Bogusz Łukasz Jańczak Krzysztof Kawa, CIIA® Jakub Szkopek Romania Caius Rapanu <b>Group Institutional &amp; Retail Sales</b> Group Institutional Equity Sales Head: Michal Rizek Cash Equity Sales Werner Fuerst Viktoria Kubalcova Thomas Schneidhofer Oliver Schuster	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407 +420 956 765 227 +420 956 765 218 +361 235 5131 +361 235 5132 +361 235 5135 +48 22 257 5751 +48 22 257 5755 +48 22 257 5753 +40 3735 10441 +420 224 995 537 +43 (0)5 0100 83121 +43 (0)5 0100 83124 +43 (0)5 0100 83120	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić Zvonimir Tukač Natalija Zujic Hungary Head: Peter Csizmadia Gábor Bálint Gergő Szabo Romania Head: Octavian Florin Munteanu Institutional Asset Management Czech Republic Head: Peter Holeček Petra Maděrová Martin Peřina David Petráček Blanca Weinerová Petr Valenta Group Fixed Income Securities Markets Head: Goran Hoblaj FISM Flow Head: Gorjan Hoblaj Margit Hraschek
Boris Pevalek, CFA® Marko Plastic Marko Plastic Bruno Barbic Davor Spoljar, CFA® Magdalena Basic Czech Republic Petr Bartek (Head, Utilities) Jan Safranek Hungary József Miró (Head) András Nagy Tamás Pletser, CFA® (Oil & Gas) Poland Cezary Bernatek (Head) Piotr Bogusz Łukasz Jańczak Krzysztof Kawa, CIIA® Jakub Szkopek Romania Caius Rapanu <b>Group Institutional &amp; Retail Sales</b> Group Institutional Equity Sales Head: Michal Rizek Cash Equity Sales Werner Fuerst Viktoria Kubalcova	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407 +420 956 765 227 +420 956 765 218 +361 235 5131 +361 235 5132 +361 235 5135 +48 22 257 5751 +48 22 257 5755 +48 22 257 5753 +40 3735 10441 +420 224 995 537 +43 (0)5 0100 83121 +43 (0)5 0100 83124 +43 (0)5 0100 83120	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić Zvonimir Tukać Natalija Zujic Hungary Head: Peter Csizmadia Gábor Bálint Gergő Szabo Romania Head: Octavian Florin Munteanu Institutional Asset Management Czech Republic Head: Petr Holeček Petra Maděrová Martin Peřina David Petráček Blanca Weinerová Petr Valenta Group Fixed Income Securities Markets Head: Gorjan Hoblaj Margit Hraschek Bernd Thaler Ciprian Mitu Christian Kienesberger Zsuzsanna Toth
Boris Pevalek, CFA® Marko Plastic Marko Plastic Bruno Barbic Davor Spoljar, CFA® Magdalena Basic Czech Republic Petr Bartek (Head, Utilities) Jan Safranek Hungary József Miró (Head) András Nagy Tamás Pletser, CFA® (Oil & Gas) Poland Cezary Bernatek (Head) Piotr Bogusz Łukasz Jańczak Krzysztof Kawa, CIIA® Jakub Szkopek Romania Caius Rapanu <b>Group Institutional &amp; Retail Sales</b> Group Institutional Equity Sales Head: Michal Rizek Cash Equity Sales Werner Fuerst Viktoria Kubalcova Thomas Schneidhofer Oliver Schuster	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407 +420 956 765 227 +420 956 765 218 +361 235 5131 +361 235 5132 +361 235 5132 +361 235 5135 +48 22 257 5751 +48 22 257 5755 +48 22 257 5753 +48 22 257 5753 +40 3735 10441 +420 3735 10441 +420 224 995 537 +43 (0)5 0100 83121 +43 (0)5 0100 83120 +43 (0)5 0100 83119	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić Zvonimir Tukač Natalija Zujic Hungary Head: Peter Csizmadia Gábor Bálint Gergő Szabo Romania Head: Octavian Florin Munteanu Institutional Asset Management Czech Republic Head: Peter Holečk Petra Maděrová Martin Peřina David Petráček Blanca Weinerová Petr Valenta Group Fixed Income Securities Markets Head: Goran Hoblaj Head: Gorjan Hoblaj Margit Hraschek Bernd Thaler Ciprian Mitu Christian Kienesberger Zsuzsanna Toth Poland
Boris Pevalek, CFA® Marko Plastic Marko Plastic Bruno Barbic Davor Spoljar, CFA® Magdalena Basic Czech Republic Petr Bartek (Head, Utilities) Jan Safranek Hungary József Miró (Head) András Nagy Tamás Pletser, CFA® (Oil & Gas) Poland Cezary Bernatek (Head) Piotr Bogusz Łukasz Jańczak Krzysztof Kawa, CIIA® Jakub Szkopek Romania Caius Rapanu <b>Group Institutional &amp; Retail Sales</b> Group Institutional Equity Sales Head: Michal Rizek Cash Equity Sales Werner Fuerst Viktoria Kubalcova Thomas Schneidhofer Oliver Schuster	+385 99 237 2201 +385 99 237 5191 +385 99 237 7519 +385 99 237 1041 +385 72 37 2825 +385 99 237 1407 +420 956 765 227 +420 956 765 218 +361 235 5131 +361 235 5132 +361 235 5132 +361 235 5135 +48 22 257 5751 +48 22 257 5755 +48 22 257 5753 +48 22 257 5753 +40 3735 10441 +420 3735 10441 +420 224 995 537 +43 (0)5 0100 83121 +43 (0)5 0100 83120 +43 (0)5 0100 83119	Czech Republic Head: Ondrej Čech Milan Bartoš Jan Porvich Pavel Zdichynec Croatia Head: Antun Burić Zvonimir Tukać Natalija Zujic Hungary Head: Peter Csizmadia Gábor Bálint Gergő Szabo Romania Head: Octavian Florin Munteanu Institutional Asset Management Czech Republic Head: Petr Holeček Petra Maděrová Martin Peřina David Petráček Blanca Weinerová Petr Valenta Group Fixed Income Securities Markets Head: Gorjan Hoblaj Margit Hraschek Bernd Thaler Ciprian Mitu Christian Kienesberger Zsuzsanna Toth

+48 22 538 6223 +43 50100 85611



Erste Group Research CEE Equity Research - Company Update Transport Trade Services SA | Ind. Transportation | Romania 22 March 2024

Page 12/16

**Company description** TTS is the premier river transportation and port operations provider in the Danube Basin and the Constanta Port



Page 13/16

### Disclaimer

This investment research (the "Document") has been prepared by Erste Group Bank AG or any of its consolidated subsidiaries (together with consolidated subsidiaries "Erste Group") independently and objectively for the purpose of providing additional economical information about the analyzed company or companies. The Document is based on reasonable knowledge of Erste Group's analyst in charge of producing the Document as of the date thereof and may be amended from time to time. It only serves for the purpose of providing non-binding information and does not constitute investment advice or marketing communication. This Document does not constitute or form part of, and should not be construed as, an offer, recommendation or invitation to subscribe for or purchase any financial or connected financial instrument, and neither this Document nor anything contained herein shall form the basis of or be relied on in connection with or act as an inducement to enter into any contract or inclusion of a financial or connected financial instrument in a trading strategy. The document is also not a prospectus in the sense of the Prospectus Regulation, the Austrian Capital Market Act 2019 or comparable legal provisions. All information, analysis and conclusions provided herein are of general nature. This Document does not purport to provide a comprehensive overview about any investment, the potential risks and results nor does this Document take into account any individual needs of an investor (the "Investor") in relation to proceeds, tax aspects, risk awareness and appropriateness of the financial instrument or connected financial instruments. Therefore, this Document does not replace any investor- and investment-related evaluation nor any comprehensive risk disclosure: any financial instrument has a different risk level. Performance charts and example calculations do not provide any indication for future performance of a financial instrument resp. connected financial instruments. Information about past performance does not necessarily guarantee a positive development in the future and investments in financial instruments incl. connected financial instruments can be of risk and speculative nature. All projections, forecasts and price targets are clearly and prominently labelled as such, and the material assumptions made in producing or using them are indicated. Forecasts of future developments are based purely on estimates and assumptions. Actual future developments may differ from the forecast. Forecasts are therefore not a reliable indicator of future results and developments. The weaker the Company's credit-worthiness is, the higher the risk of an investment will be. Not every investment is suitable for every investor. Neither this document nor any of its components form the basis of any contract or commitment whatsoever. Therefore, Investors shall consult their advisors (in particular legal and tax advisors) prior to taking any investment decision to ensure that irrespective of information provided herein – an intended transaction of a financial or connected financial instrument is appropriate for the Investor's needs and intention, that the Investor has understood all risks and that, after due examination, the Investor has concluded to make the investment and is in a position to bear the economical outcome of such investment. Investors are referred, for instance, to the suitability test according to the Austrian Securities Supervision Act 2018 and are advised to mind the client information pursuant to the Austrian Securities Supervision Act 2018. The performance of an investment is reduced by commissions, fees and other charges that depend on the individual circumstances of the investor. As a result of currency fluctuations, the investment result may increase or decrease. Investment research is produced by Erste Group Research within the framework provided by applicable laws. The opinions featured in the equity and credit research reports may vary. Investors in equities may pursue different interests compared to those of investors on the credit side, related to the same issuer. The analyst has no authority whatsoever to make any representation or warranty on behalf of the analyzed company resp. issuer. Erste Group, one of its companies, or any other person. Care is taken, that all substantially material sources of information are clearly and prominently indicated. While all reasonable care has been taken to ensure that the facts stated herein are accurate and that the forecasts, opinions and expectations contained herein are fair and reasonable, Erste Group (including its representatives and employees) neither expressly nor tacitly makes any guarantee as to or assumes any liability for the up-to-dateness, completeness and correctness of the content of this Document. Facts are clearly distinguished in the document from interpretations, estimates, opinions, and other types of non-factual information. Neither Erste Group nor any of its respective managing directors, supervisory board members, executive board members, directors, officers or other employees shall be in any way liable for any costs, losses or damages (including subsequent damages, indirect damages and loss of profit) howsoever arising from the use of or reliance on this Document. Erste Group as well as representatives and employees principally may, to the extent permitted by law, have a position in stated financial instruments resp. connected financial instruments and may provide trading support or otherwise engage in transactions involving these financial instruments and/or connected financial instruments. Further, Erste Group as well as representatives and employees may principally offer investment banking services or advice to, or may take over management function in a company or issuer referred to in this Document. This Document has been produced in line with Austrian law and for the territory of Austria. Forwarding this Document as well as marketing of financial instruments resp. connected financial instruments described herein are restricted or interdicted in certain jurisdictions. This, inter alia, applies to the United States, Canada, Switzerland, Australia, Korea and Japan. In particular, neither this Document nor any copy hereof may be taken or transmitted or distributed, directly or indirectly, into the United States or to US Persons (as defined in the U.S. Securities Act of 1933, as amended) unless applicable laws of the United States or certain federal states of the United States provide for applicable exemptions. Any failure to comply with these restrictions may constitute a violation of the laws of any such other jurisdiction. Persons receiving possession of this Document are obliged to inform themselves about any such restrictions and to adhere to them. By accepting this Document, the recipient agrees to be bound by the foregoing limitations and to adhere to applicable regulations. The document may not be reproduced or redistributed to other persons without the consent of Erste Group. Further information may be provided by Erste Group upon request. This Document and information, analysis, comments and conclusions provided herein are copyrighted material. Erste Group reserves the right to amend any opinion and information provided herein at any time and without prior notice. Erste Group further reserves the right not to update any information

provided herein at any time and without prior notice. Erste Group further reserves the right not to update any information provided herein or to cease updates at all. Misprints and printing errors reserved. If one of the clauses provided for in this disclaimer is found to be illicit, inapplicable or not enforceable, the clause has to be treated separately from other clauses provided for in this disclaimer to the largest extent possible. In any case, the illicit, inapplicable or not enforceable clause shall not affect the licitness, applicability or enforceability of any other clauses.



Page 14/16

### **Important Disclosures**

THIS DOCUMENT MAY NOT BE BROUGHT INTO THE UNITED STATES OF AMERICA, CANADA, SWITZERLAND, AUSTRALIA, KOREA OR JAPAN, TO ANY PERSON WHO IS A CITIZEN OF THOSE STATES, OR SENT OR DISTRIBUTED TO ANY MEDIA IN ANY OF THOSE STATES.

#### General disclosures

All recommendations given by Erste Group Research are independent, objective and are based on the latest company, industry and other general information publicly available which Erste Group Research considers being reliable; however, Erste Group does not represent or assume any liability for the completeness of accuracy of such information or its recommendation. The best possible care and integrity is used to avoid errors and/or misstatements. No influence on the rating and/or target price is being exerted by either the covered company or other internal departments of Erste Group. Each research drawn up by an analyst is reviewed by a senior research executive or agreed with a senior analyst/deputy (4-eyes-principle). Erste Group has implemented extensive Compliance Rules on personal account dealings of analysts (please see "Conflicts of Interest"). Analysts are not allowed to involve themselves in any paid activities with the covered companies except as disclosed otherwise. No part of their compensation was, is, or will be directly or indirectly related to the specific recommendation(s) or views expressed by them contained in this document. Erste Group may engage in transactions with financial instruments, on a proprietary basis or otherwise, in a manner inconsistent with the view taken in this research report. In addition, others within Erste Group, including strategists and sales staff, may take a view that is inconsistent with that taken in this research report.

#### **Conflicts of interest**

Erste Group Bank AG ensures with internal policies that conflicts of interest are managed in a fair and reasonable manner. The policy "Managing Conflict of Interest in Connection with Investment Research" is provided under the following link: <u>https://www.erstegroup.com/legal/Managing Conflicts of Interest - Umgang mit IK.pdf</u>

Disclosures of potential conflicts of interest relating to Erste Group Bank AG and affiliated companies as well as relevant employees and representatives with respect to the issuer(s) resp. financial instruments are updated daily. An overview of conflicts of interest for all analysed companies by Erste Group Research is provided under the following link: Disclosure | Erste Group Bank AG.

<u>If this financial analysis is sponsored research by the company or the issuer, this is disclosed as conflict of interest point number 4. If this financial analysis is sponsored research financed by third parties, this is disclosed as conflict of interest point number 5. In principle, analysts are prohibited from holding stocks in shares they analyse. Nevertheless, should the exceptional case arise that an analyst and/or another natural person involved in the production of the financial analysis holds a position in the issued share capital of the issuer to which the financial analysis refers, this is disclosed via conflict of interest point number 8.</u>

The distribution of all recommendations and the distribution of recommendations in relation to which investment services have been provided is available under the following link:

https://www.erstegroup.com/legal/Recommendations\_Distribution.pdf



Page 15/16

#### Erste Group rating definitions

Buy	> +20% from target price
Accumulate	+10% < target price < +20%
Hold	0% < target price < +10%
Reduce	-10% < target price < 0%
Sell	< -10% from target price

Our target prices are established by determining the fair value of stocks, taking into account additional fundamental factors and news of relevance for the stock price (such as M&A activities, major forthcoming share deals, positive/negative share/sector sentiment, news) and refer to 12 months from now. All recommendations are to be understood relative to our current fundamental valuation of the stock. The recommendation does not indicate any relative performance of the stock vs. a regional or sector benchmark.

### A history of all recommendations within the last 12 months is provided under the following link:

Research Disclaimer | Erste Group Bank AG

#### Explanation of valuation parameters and risk assessment

Unless otherwise stated in the text of the financial investment research, target prices in the publication are based on a discounted cash flow valuation and/or comparison of valuation ratios with companies seen by the analyst as comparable or a combination of the two methods. The result of this fundamental valuation is adjusted to reflect the analyst's views on the likely course of investor sentiment. Whichever valuation method is used there is a significant risk that the target price will not be achieved within the expected timeframe. Risk factors include unforeseen changes in competitive pressures or in the level of demand for the company's products. Such demand variations may result from changes in technology, in the overall level of economic activity or, in some cases, from changes in social values. Valuations may also be affected by changes in taxation, in exchange rates, in the capital market sentiment and in regulatory provisions. Investment in overseas markets and instruments such as ADRs can result in increased risk from factors such as exchange rates, exchange controls, taxation, political, economic and social conditions.

All market prices within this publication are closing prices of the previous trading day (unless otherwise mentioned within the publication).

Detailed information about the valuation and methodology of investment research by the Erste Group Bank AG is provided under the following link: <u>https://www.erstegroup.com/legal/Bewertungsmethoden\_and\_Valuations.pdf</u>

#### Planned frequency of updates

Target prices for individual stocks are meant to be 12 month target prices, starting from the date of the publication. Target prices and recommendations are reviewed usually upon release of quarterly reports, or whenever circumstances require.

Periodical publications are identified by their respective product name and indicate update frequency as such (e.g. Quarterly). Recommendations mentioned within these publications are updated in an according frequency, unless otherwise mentioned (e.g. a 12M TP is not updated on a monthly base, even when mentioned in summarizing monthly/quarterly product).

If a recommendation change has been made in this publication, please see the following link for a detailed overview of the previous recommendation(s): https://www.erstegroup.com/en/research/research-legal



Page 16/16

#### Links

Erste Group may provide hyperlinks to websites of entities mentioned in this document, however the inclusion of a link does not imply that Erste Group endorses, recommends or approves any material on the linked page or accessible from it. Erste Group does not accept responsibility whatsoever for any such material, including in particular the completeness and accuracy, nor for any consequences of its use.

#### Additional notes to readers in the following countries:

Austria: Erste Group Bank AG is registered in the Commercial Register at Commercial Court Vienna under the number FN 33209m. Erste Group Bank AG is authorized and regulated by the European Central Bank (ECB) (Sonnemannstraße 22, D-60314 Frankfurt am Main, Germany) and by the Austrian Financial Market Authority (FMA) (Otto-Wagner Platz 5, A-1090, Vienna, Austria).

Germany: Erste Group Bank AG is authorised for the conduct of investment business in Germany by the Austrian Financial Market Authority (FMA) and subject to limited regulation by the Bundesanstalt für Finanzdienstleistungsaufsicht (BaFin).

**United Kingdom (UK):** Erste Group Bank AG is regulated for the conduct of investment business in the UK by the Financial Conduct Authority and the Prudential Regulation Authority. This document is directed exclusively to eligible counterparties and professional clients. It is not directed to retail clients. No persons other than an eligible counterparty or a professional client should read or rely on any information in this document. Erste Group Bank AG does not deal for or advise or otherwise offer any investment services to retail clients.

Czech Republic: Česká spořitelna, a.s. is regulated for the conduct of investment activities in Czech Republic by the Czech National Bank (CNB).

Croatia: Erste Bank Croatia is regulated for the conduct of investment activities in Croatia by the Croatian Financial Services Supervisory Agency (HANFA).

Hungary: Erste Bank Hungary ZRT. And Erste Investment Hungary Ltd. Are regulated for the conduct of investment activities in Hungary by the Hungarian Financial Supervisory Authority (PSZAF).

Serbia: Erste Group Bank AG is regulated for the conduct of investment activities in Serbia by the Securities Commission of the Republic of Serbia (SCRS).

Romania: Banka Comerciala Romana is regulated for the conduct of investment activities in Romania by the Romanian National Securities Commission (CNVM).

Poland: Erste Securities Polska S.A. is regulated for the conduct of investment activities in Poland by the Polish Financial Supervision Authority (PFSA).

Slovakia: Slovenská sporiteľňa, a.s. is regulated for the conduct of investment activities in Slovakia by the National Bank of Slovakia (NBS).

Switzerland: This research report does not constitute a prospectus or similar communication in connection with an offering or listing of securities as defined in Articles 652a, 752 and 1156 of the Swiss Code of Obligation and the listing rules of the SWX Swiss Exchange.

Hong Kong: This document may only be received in Hong Kong by 'professional investors' within the meaning of Schedule 1 of the Securities and Futures Ordinance (Cap.571) of Hong Kong and any rules made there under.

© Erste Group Bank AG 2024. All rights reserved.

Published by:

Erste Group Bank AG Group Research 1100 Vienna, Austria, Am Belvedere 1 Head Office: Wien Commercial Register No: FN 33209m Commercial Court of Vienna Erste Group Homepage: www.erstegroup.com