Well positioned for a difficult market

SRV enters difficult market with a low-risk project portfolio and a healthy balance sheet. We see the near-term upside limited yet the valuation looks rather undemanding in the long-term. We retain our HOLD-rating and TP of EUR 4.3.

Q4 was weaker than expected

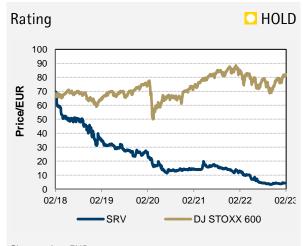
SRV reported Q4 results which were below our estimates. Revenue amounted to EUR 181.2m (EUR 211.9m/214.0m Evli/cons.) and EBIT was EUR -6.3m (EUR 3.6/4.1m Evli/cons.). The company estimates that 2023 group revenue is lower and operative operating profit is positive but lower than in 2022. SRV also updated its long-term financial targets (by 2026): Revenue EUR 900m and operative operating profit margin 6%. In addition, SRV aims to distribute 30-50% of earnings as dividend.

Challenging market ahead

The current estimates point towards a slowdown for 2023 in the Finnish construction market driven particularly by decreasing housing construction volumes. The market conditions are starting to show in the company's numbers as the housing construction backlog continued to decline and the company's revenue for Q4 was affected by delays in project starts. In our view, SRV is well positioned for a difficult market as the company's order intake in business construction was strong during the fourth quarter. In addition to the strong presence in the lower risk business construction contracting market, the company's balance sheet is healthy after the financing arrangements completed during H1 2022.

HOLD with a target price of EUR 4.3

We estimate revenue to decline 13.7% y/y in 2023 driven by a lack of developer contracted housing units and lower residential construction volumes while seeing healthy conditions for business construction supported by backlog growth. Because of the estimated project mix, we have also lowered our margin expectations for 2023. In our view, the near-term upside is limited yet the valuation looks rather undemanding in the long-term. We retain our HOLD-rating and TP of EUR 4.3.



Share price, EUR (Last trading day's closing price)	4.20
Target price, EUR	4.3
Latest change in recommendation	03-Feb-22
Latest report on company	
Research paid by issuer:	YES
No. of shares outstanding, '000's	16,982
No. of shares fully diluted, '000's	16,982
Market cap, EURm	71
Free float, %	33.2
Exchange rate	1.000
Reuters code	SRV1V.HE
Bloomberg code	SRV1V FH
Average daily volume, EURm	0.06
Next interim report	27-Apr-23
Web site	srv.fi/en/investors
Analyst	Jerker Salokivi
E-mail	jerker.salokivi@evli.com
Telephone	+358 9 4766 9149

BUY HOLD SELL

KEY FIGU	RES									
	Sales EURm	EBIT EURm	EBIT %	FCF EURm	EPS EUR	P/E (x)	EV/Sales (x)	EV/EBIT (x)	FCF yield %	DPS EUR
2021	932.5	-1.8	-0.2%	113.9	-2.27	-6.5	0.3	-180.4	81.7	0.00
2022	770.0	-76.3	-9.9%	-67.8	-5.05	-0.8	0.2	-2.3	-105.1	0.00
2023E	664.6	10.3	1.6%	18.6	0.39	10.7	0.3	16.2	26.1	0.00
2024E	787.0	24.1	3.1%	3.8	0.97	4.4	0.2	6.8	5.3	0.29
2025E	835.9	29.2	3.5%	14.0	1.28	3.3	0.2	5.3	19.6	0.38
Market cap	, EURm		71 G	earing 2023E,	0/0		40.4 CAGR	EPS 2022-2	5, %	0.0
Net debt 2	023E, EURm		95 Pi	rice/book 2023	3E		0.6 CAGR	sales 2022-	25, %	2.8
Enterprise	value, EURm		167 D	ividend yield 2	2023E, %		0.0 ROE 2	023E, %		5.7
Total asset	s 2023E, EURn	n	410 Ta	ix rate 2023E,	0/0		20.0 ROCE	2023E, %		3.9
Goodwill 2	023E, EURm		2 Ec	quity ratio 202	23E, %		47.2 PEG, F	P/E 23/CAGR		0.2

All the important disclosures can be found on the last pages of this report.

VALUATION RESULTS	BASE CASE DETAILS	VALUATION ASSUMPTIONS	ASSUMPTIONS FOR WACC	
Current share price	4.20 PV of Free Cash Flow	145 Long-term growth, %	2.0 Risk-free interest rate, %	2.25
DCF share value	13.09 PV of Horizon value	191 WACC, %	8.3 Market risk premium, %	5.8
Share price potential, %	211.7 Unconsolidated equity	0 Spread, %	0.5 Debt risk premium, %	3.5
Maximum value	14.9 Marketable securities	45 Minimum WACC, %	7.8 Equity beta coefficient	1.30
Minimum value	11.6 Debt - dividend	-159 Maximum WACC, %	8.8 Target debt ratio, %	40
Horizon value, %	56.9 Value of stock	222 Nr of shares, Mn	17.0 Effective tax rate, %	20

	0000	00005	00045	00055	00005	00075	00005	00005	00005	00015	00005	
DCF valuation, EURm	2022	2023E	2024E	2025E	2026E	2027E	2028E	2029E	2030E	2031E	2032E	Horizon
Net sales	770	665	787	836	853	870	887	905	923	941	961	980
Sales growth, %	-17.4	-13.7	18.4	6.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Operating income (EBIT)	-76	10	24	29	28	28	29	29	30	31	31	32
Operating income margin, %	-9.9	1.6	3.1	3.5	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
+ Depreciation+amort.	9	5	5	5	5	5	5	5	6	6	6	
EBITDA	-67	16	29	34	33	34	34	35	36	36	37	
- Paid taxes	-2	-2	-5	-6	-6	-6	-6	-6	-6	-6	-6	
- Change in NWC	11	11	-12	-7	-2	-3	-3	-3	-3	-3	-3	
NWC / Sales, %	15.1	15.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	
+ Change in other liabs	5	0	0	0	0	0	0	0	0	0	0	
- Operative CAPEX	-52	-1	-2	-2	-2	-2	-2	-2	-2	-2	-2	
opCAPEX / Sales, %	7.5	0.7	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	
- Acquisitions	0	0	0	0	0	0	0	0	0	0	0	
+ Divestments	0	0	0	0	0	0	0	0	0	0	0	
- Other items	50	0	-1	0	0	0	0	0	0	0	0	
= FCFF	-55	24	9	19	23	24	24	24	25	25	26	420
= Discounted FCFF		22	8	15	17	16	15	14	13	12	12	191
= DFCF min WACC		22	8	16	17	16	15	15	14	13	12	218
= DFCF max WACC		22	8	15	17	16	15	14	13	12	11	169

INTERIM FIGURES												
EVLI ESTIMATES, EURm	2022Q1	202202	2022Q3	2022Q4	2022	2023Q1E	2023Q2E	2023Q3E	2023Q4E	2023E	2024E	2025E
Net sales	190.7	211.4	186.9	181.0	770.0	148.0	157.4	151.6	207.5	664.6	787.0	835.9
EBITDA	-84.4	11.4	6.8	-0.8	-67.0	2.8	3.3	4.0	5.4	15.5	29.1	34.4
EBITDA margin (%)	-44.3	5.4	3.6	-0.4	-8.7	1.9	2.1	2.6	2.6	2.3	3.7	4.1
EBIT	-85.7	10.1	5.5	-6.2	-76.3	1.5	2.0	2.7	4.1	10.3	24.1	29.2
EBIT margin (%)	-44.9	4.8	2.9	-3.4	-9.9	1.0	1.3	1.8	2.0	1.6	3.1	3.5
Net financial items	-42.8	43.6	0.3	-3.8	-2.7	-0.5	-0.5	-0.5	-0.5	-2.0	-2.0	-2.0
Pre-tax profit	-128.5	53.7	5.8	-10.0	-79.0	1.0	1.5	2.2	3.6	8.3	22.1	27.2
Tax	-4.8	-2.4	-0.5	1.1	-6.6	-0.2	-0.3	-0.4	-0.7	-1.7	-4.4	-5.4
Tax rate (%)	-3.7	4.5	8.6	11.0	-8.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Net profit	-133.6	50.8	5.0	-7.9	-85.7	0.8	1.2	1.7	2.9	6.6	16.4	21.8
EPS	-7.87	2.99	0.29	-0.47	-5.05	0.05	0.07	0.10	0.17	0.39	0.97	1.28
EPS adjusted (diluted no. of shares)	-7.87	2.99	0.29	-0.47	-5.05	0.05	0.07	0.10	0.17	0.39	0.97	1.28
Dividend per share	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.38
SALES, EURm												
Construction	175.2	206.8	183.9	180.4	746.3	147.1	156.5	150.7	206.6	661.0	783.4	832.3
Investments	1.1	4.8	3.2	0.8	9.9	1.1	1.1	1.1	1.1	4.4	4.4	4.4
Other	14.4	-0.2	-0.2	-0.2	13.8	-0.2	-0.2	-0.2	-0.2	-0.8	-0.8	-0.8
Total	190.7	211.4	186.9	181.0	770.0	148.0	157.4	151.6	207.5	664.6	787.0	835.9
SALES GROWTH, Y/Y %												
Construction	-6.7	-5.4	-2.2	-46.3	- 19.8	-16.0	-24.3	-18.0	14.5	-11.4	18.5	6.2
Investments	12.5	380.0	-24.4	33.3	45.6	-2.2	-77.1	-65.4	37.5	-55.6	0.0	0.0
Other	-947.1	-86.7	-81.8	0.0	-406.7	-101.4	0.0	0.0	0.0	-105.8	0.0	0.0
Total	1.9	-3.0	-2.2	-46.2	-17.4	-22.4	-25.5	-18.9	14.6	-13.7	18.4	6.2
EBIT, EURm												
Construction	6.3	9.9	4.8	2.3	23.3	2.6	3.1	3.8	5.2	14.7	28.2	33.3
Investments	-105.4	1.4	1.9	-7.2	-109.3	0.1	0.1	0.1	0.1	0.4	0.4	0.4
Other	13.4	-1.2	-1.2	-1.3	9.7	-1.2	-1.2	-1.2	-1.2	-4.8	-4.5	-4.5
Total	-85.7	10.1	5.5	-6.2	-76.3	1.5	2.0	2.7	4.1	10.3	24.1	29.2
EBIT margin, %												
Construction	3.6	4.8	2.6	1.3	3.1	1.8	2.0	2.5	2.5	2.2	3.6	4.0
Investments	-9,368.9	29.2	59.8	-900.0	-1,104.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1
Other	93.1	600.0	600.0	650.0	70.3	600.0	600.0	600.0	600.0	600.0	562.5	562.5
Total	-44.9	4.8	2.9	-3.4	-9.9	1.0	1.3	1.8	2.0	1.6	3.1	3.5

INCOME STATEMENT, EURm	2018	2019	2020	2021	2022	2023E	2024E	2025E
Sales	959.9	1,061.0	975.5	932.5	770.0	664.6	787.0	835.9
Sales growth (%)	-13.8	10.5	-8.1	-4.4	-17.4	-13.7	18.4	6.2
EBITDA	-14.6	-3.1	20.4	4.5	-67.0	15.5	29.1	34.4
EBITDA margin (%)	- 1.5	-0.3	2.1	0.5	-8.7	2.3	3.7	4.1
Depreciation	-5.3	-90.0	-18.9	-6.3	-9.3	-5.2	-5.0	-5.3
EBITA	-19.9	-93.1	1.5	-1.8	-76.3	10.3	24.1	29.2
Goodwill amortization / writedown	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBIT	-19.9	-93.1	1.5	-1.8	-76.3	10.3	24.1	29.2
EBIT margin (%)	-2.1	-8.8	0.2	-0.2	-9.9	1.6	3.1	3.5
Reported EBIT	-19.9	-14.7	1.5	-1.8	-76.3	10.3	24.1	29.2
EBIT margin (reported) (%)	-2.1	- 1.4	0.2	-0.2	-9.9	1.6	3.1	3.5
Net financials	-17.5	-29.3	-29.4	-18.6	-2.7	-2.0	-2.0	-2.0
Pre-tax profit	-37.4	-122.4	-27.9	-20.4	-79.0	8.3	22.1	27.2
Taxes	6.1	18.7	2.9	0.5	-6.6	-1.7	-4.4	-5.4
Minority shares	1.1	0.7	2.3	0.0	0.0	0.0	0.0	0.0
Net profit	-34.1	-28.8	-27.1	-21.4	-85.7	6.6	16.4	21.8
Cash NRIs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Non-cash NRIs	0.0	78.4	0.0	0.0	0.0	0.0	0.0	0.0
BALANCE SHEET, EURm		-						
Assets								
Fixed assets	273	122	120	122	15	14	15	15
Goodwill	2	2	2	2	2	2	2	2
Right of use assets	173	149	130	82	84	84	84	84
Inventory	438	372	355	227	163	141	166	177
Receivables	122	204	155	143	103	93	102	109
Liquid funds	93	28	97	68	45	39	46	49
Total assets	1,120	913	899	686	448	410	453	473
Liabilities	1,120	010	000	000	110	110	100	
Shareholder's equity	191	95	170	150	113	119	136	153
Minority interest	-3	-2	-4	0	0	0	0	0
Convertibles	45	83	15	15	34	34	34	34
Lease liabilities	174	150	136	89	92	84	84	84
Deferred taxes	5	3	3	1	1	1	1	1
Interest bearing debt	375	300	250	149	34	17	20	14
Non-interest bearing current liabilities	304	244	285	243	148	128	151	161
Other interest-free debt	9	21	203	15	7	7	7	7
Total liabilities	1,120	914	899	686	449	410	453	473
CASH FLOW, EURm	1,120	011	000	000	110	110	100	1/5
+ EBITDA	-15	-3	20	5	-67	16	29	34
- Net financial items	-17	-29	-29	-19	-3	-2	-2	-2
- Taxes	-1	-1	-2	-2	-2	-2	-4	-5
- Increase in Net Working Capital	56	-75	107	-2	-2	-2	-12	-7
+/- Other	2	-75	-49	-13	50	0	-12	-,
= Cash flow from operations	2	-11	-49 46	-13	-10	23	-1 10	20
- Capex - Acquisitions	-15 0	-26 0	1 -5	45 0	-58 0	-5 0	-6 0	-6 0
+ Divestments	0	0	-5 29	0	0	0	0	0
+ Divestments = Free cash flow								
+/- New issues/buybacks	11	-37	72	114	-68	19	4	14
,	-12	-67	100	5	49	0	0	0
- Paid dividend	-4	0	0	0	0	0	0	-5
+/- Other	75	39	-103	-148	-4	-25	3	-6
Change in cash	70	-65	69	-29	-23	-6	7	3

KEY FIGURES	2019	2020	2021	2022	2023E	2024E	2025E
M-cap	81	155	139	65	71	71	71
Net debt (excl. convertibles)	422	289	170	80	62	58	49
Enterprise value	584	456	325	178	167	163	154
Sales	1,061	976	933	770	665	787	836
EBITDA	-3	20	5	-67	16	29	34
EBIT	-93	2	-2	-76	10	24	29
Pre-tax	-122	-28	-20	-79	8	22	27
Earnings	-107	-27	-21	-86	7	16	22
Equity book value (excl. minorities)	95	170	150	113	119	136	153
Valuation multiples							
EV/sales	0.6	0.5	0.3	0.2	0.3	0.2	0.2
EV/EBITDA	-188.5	22.4	72.2	-2.7	10.7	5.6	4.5
EV/EBITA	-6.3	304.1	-180.4	-2.3	16.2	6.8	5.3
EV/EBIT	-6.3	304.1	-180.4	-2.3	16.2	6.8	5.3
EV/OCF	-54.5	9.9	4.7	-17.7	7.1	16.7	7.8
EV/FCFF	-15.2	5.5	3.4	-3.2	6.9	17.7	7.9
P/FCFE	-0.1	0.1	0.0	-1.0	3.8	18.7	5.1
P/E	-0.8	-5.7	-6.5	-0.8	10.7	4.4	3.3
P/B	0.9	0.9	0.9	0.6	0.6	0.5	0.5
Target EV/EBITDA	0.0	0.0	0.0	0.0	10.8	5.7	4.5
Target EV/EBIT	0.0	0.0	0.0	0.0	16.3	6.8	5.3
Target EV/FCF	0.0	0.0	0.0	0.0	9.0	43.2	11.1
Target P/B	0.0	0.0	0.0	0.0	0.6	0.5	0.5
Target P/E	0.0	0.0	0.0	0.0	11.0	4.5	3.4
Per share measures							
Number of shares	2,136	9,429	9,429	16,982	16,982	16,982	16,982
Number of shares (diluted)	2,136	9,429	9,429	16,982	16,982	16,982	16,982
EPS	-50.19	-2.88	-2.27	-5.05	0.39	0.97	1.28
Operating cash flow per share	-5.02	4.91	7.31	-0.59	1.37	0.57	1.16
Free cash flow per share	-17.29	7.64	12.08	-3.99	1.10	0.22	0.82
Book value per share	44.34	17.99	15.88	6.64	7.03	8.00	8.99
Dividend per share	0.00	0.00	0.00	0.00	0.00	0.29	0.38
Dividend payout ratio, %	0.0	0.0	0.0	0.0	0.0	30.0	30.0
Dividend yield, %	0.0	0.0	0.0	0.0	0.0	6.9	9.1
FCF yield, %	-45.6	46.4	81.7	-105.1	26.1	5.3	19.6
Efficiency measures							
ROE	-74.9	-20.5	-13.4	-65.3	5.7	12.8	15.1
ROCE	-12.1	0.9	0.7	-21.4	3.9	9.1	10.5
Financial ratios							
Inventories as % of sales	35.1	36.4	24.4	21.1	21.1	21.1	21.1
Receivables as % of sales	19.2	15.8	15.4	13.3	14.0	13.0	13.0
Non-interest bearing liabilities as % of sales	23.0	29.2	26.1	19.2	19.2	19.2	19.2
	31.3	23.1	13.7	15.1	15.8	14.8	14.8
NWC/sales, %		-0.2	-4.8	7.5	0.7	0.8	0.7
NWC/sales, % Operative CAPEX/sales, %	2.5	-0.2					
	2.5 2.5	-0.2	-4.8	7.5	0.7	0.8	0.7
Operative CAPEX/sales, %			-4.8 21.5	7.5 0.8	0.7 1.5	0.8 0.3	0.7 0.6
Operative CAPEX/sales, % CAPEX/sales (incl. acquisitions), %	2.5	-0.6					
Operative CAPEX/sales, % CAPEX/sales (incl. acquisitions), % FCFF/EBITDA	2.5 12.4	-0.6 4.1	21.5	0.8	1.5	0.3	0.6
Operative CAPEX/sales, % CAPEX/sales (incl. acquisitions), % FCFF/EBITDA Net debt/EBITDA, book-weighted	2.5 12.4 -136.2	-0.6 4.1 14.2	21.5 37.8	0.8 -1.2	1.5 4.0	0.3 2.0	0.6 1.4

SRV Construction & Engineering/Finland, February 3, 2023 Company update

COMPANY DESCRIPTION: SRV is a Finnish project management contractor that develops and builds commercial and business premises, residential units as well as infrastructure and logistics projects. The company is also an investor in and manager of several shopping centres. The company operates in Finland and has holdings in Russia.

INVESTMENT CASE: SRV's road has been bumpy in the past few years and earnings have been weak despite good demand. Fluctuations in construction material prices and availability have been a cause for concern. Additional woes have been brought by the geopolitical developments to the company's holdings in Russia, and the company initiated a series of measures to improve its balance sheet. Strenghtening the order backlog and improving the profitability of construction operations remain key drivers for the company's success.

OWNERSHIP STRUCTURE	SHARES	EURm	0/0
As Pontos Capital	47,306,787	198.689	278.6%
Ilmarinen Mutual Pension Insurance Company	33,295,636	139.842	196.1%
Kolpi Investments Oy	23,776,663	99.862	140.0%
OP Life Assurance Company Ltd	16,942,050	71.157	99.8%
Pohjola Insurance Ltd	15,785,996	66.301	93.0%
Havu Capital Oy	15,741,398	66.114	92.7%
Etola Group	13,373,642	56.169	78.8%
Tungelin Investments Oy	6,926,660	29.092	40.8%
Lareale Investments Oy	6,926,660	29.092	40.8%
Kokkila Lauri	6,494,422	27.277	38.2%
Ten largest	186,569,914	783.594	1,099%
Residual	-169,587,571	-712.268	-999%
Total	16,982,343	71.326	100%

EARNINGS CALENDAR		
April 27, 2023	Q1 report	
July 20, 2023	Q2 report	
October 26, 2023	Q3 report	
OTHER EVENTS		
March 27, 2023	AGM	

COMPANY MISCELLANEOUS	
CEO: Saku Sipola	Tarvonsalmenkatu 15, Espoo
CFO: Jarkko Rantala	Tel: +358 20 145 5200
IB.	

SRV Construction & Engineering/Finland, February 3, 2023 Company update

DEFINITIONS

P/E	EPS
Price per share	Drafit hafara autoard itama and tours income tours a minorit in the
Earnings per share	Profit before extraord. items and taxes- income taxes + minority interest Number of shares
P/BV	DPS
Price per share	Dividend for the financial period per share
Shareholders' equity + taxed provisions per share	
Market cap	OCF (Operating cash flow)
Price per share * Number of shares	EBITDA – Net financial items – Taxes – Increase in working
	capital – Cash NRIs ± Other adjustments
EV (Enterprise value)	FCF (Free cash flow)
Market cap + net debt + minority interest at market value -	Operating cash flow – operative CAPEX – acquisitions + divestments
share of associated companies at market value	
EV/Sales	FCF yield, %
Enterprise value	Free cash flow
Sales	Market cap
EV/EBITDA	Operative CAPEX/sales
EV/EDITUA	Operative CAFEA/sales
Enterprise value	Capital expenditure – divestments – acquisitions
Earnings before interest, tax, depreciation and amortization	Sales
EV/EBIT	Net working capital
Enterprise value	Current assets – current liabilities
Operating profit	
Net debt	Capital employed/Share
	Capital Chiployed/Share
Interest bearing debt – financial assets	Total assets – non-interest bearing debt
	Number of shares
Total assets	Gearing
Balance sheet total	N-+ J-++
	<u>Net debt</u> Equity
Div yield, %	Debt/Equity, %
Dividend per share	Interest bearing debt
Price per share	Shareholders' equity + minority interest + taxed provisions
Payout ratio, %	Equity ratio, %
Total dividends	Shareholders' equity + minority interest + taxed provisions
Earnings before extraordinary items and taxes - income taxes + minority interest	Total assets – interest-free loans
ROCE, %	CAGR, %
Profit before extraordinary items + interest expenses+ other financial costs	Cumulative enougl growth rate August
Balance sheet total – non-interest bearing debt (average)	Cumulative annual growth rate = Average growth per year
ROE, %	
Profit before extraordinary items and taxes – income taxes	
Shareholder's equity + minority interest + taxed provisions (average)	

Important Disclosures

Evli Research Partners Plc ("ERP") uses 12-month target prices. Target prices are defined by utilizing analytical techniques based on financial theory including (but not limited to) discounted cash flow analysis and comparative valuation. The selection of valuation methods depends on different circumstances. Target prices may be altered on the basis of new information coming to light in the underlying company or changes in interest rates, changes in foreign exchange rates, other securities prices or market indices or outlook for the aforementioned factors or other factors that may change the conditions of financial markets. Recommendations and changes by analysts are available at Analysts' recommendations and ratings revisions. Investment recommendations are defined as follows: Target price compared to share price Recommendation < -10 % SELL HOLD -10 - (+10) % > 10 % BUY ERP's investment recommendation of the analyzed company is updated at least 2 times per year. 58% 60% 50% 40% 27% 30% 20% 15% 10% 0% Sell Hold Buy

The graph above shows the distribution of ERP's recommendations of companies under coverage in 11th of May 2020. If recommendation is not given, it is not mentioned here.

Name(s) of the analyst(s): Salokivi

This research report has been prepared by Evli Research Partners Plc ("ERP" or "Evli Research"). ERP is a subsidiary of Evli Plc. Production of the investment recommendation has been concluded on 3.2.2022, 9:30. This report has been published on 3.2.2022, 9:40.

None of the analysts contributing to this report, persons under their guardianship or corporations under their control have a position in the shares of the company or related securities.

The date and time for any price of financial instruments mentioned in the recommendation refer to the previous trading day's closing price(s) unless otherwise stated in the report.

Each analyst responsible for the content of this report assures that the expressed views accurately reflect the personal views of each analyst on the covered companies and securities. Each analyst assures that (s)he has not been, nor are or will be, receiving direct or indirect compensation related to the specific recommendations or views contained in this report.

Companies in the Evli Group, affiliates or staff of companies in the Evli Group, may perform services for, solicit business from, hold long or short positions in, or otherwise be interested in the investments (including derivatives) of any company mentioned in the publication or report.

Neither ERP nor any company within the Evli Group have managed or co-managed a public offering of the company's securities during the last 12 months prior to, received compensation for investment banking services from the company during the last 12 months prior to the publication of the research report.

ERP may pursue an assignment from the issuer(s) of the financial instruments mentioned in the recommendation or this report. These assignments may have a limited economic or financial impact on ERP and/or Evli. Under such assignments ERP may perform services including, but not limited to, arranging investor meetings or –events, investor relations communication advisory and production of research material.

ERP has signed an agreement with the issuer of the financial instruments mentioned in the recommendation, which includes production of research reports. This assignment has a limited economic and financial impact on ERP and/or Evli. Under the assignment ERP performs services including, but not limited to, arranging investor meetings or –events, investor relations communication advisory and production of research material.

ERP or another company within the Evli Group does not have an agreement with the company to perform market making services.

For the prevention and avoidance of conflicts of interests with respect to this report, there is an information barrier (Chinese wall) between Investment Research and Corporate Finance units concerning unpublished investment banking services to the company. The remuneration of the analyst(s) is not tied directly or indirectly to investment banking transactions performed by Evli Plc or any company within Evli Group.

This report has not been disclosed to the company prior to its dissemination.

This report is provided and intended for informational purposes only and may not be used or considered under any circumstances as an offer to sell or buy any securities or as advice to trade any securities.

This report is based on sources ERP considers to be correct and reliable. The sources include information providers Reuters and Bloomberg, stock-exchange releases from the companies and other company news, Statistics Finland and articles in newspapers and magazines. However, ERP does not guarantee the materialization, correctness, accuracy or completeness of the information, opinions, estimates or forecasts expressed or implied in the report. In addition, circumstantial changes may have an influence on opinions and estimates presented in this report. The opinions and estimates presented are valid at the moment of their publication and they can be changed without a separate announcement. Neither ERP nor any company within the Evli Group are responsible for amending, correcting or updating any information, opinions or estimates contained in this report. Neither ERP nor any company within the Evli Group will compensate any direct or consequential loss caused by or derived from the use of the information represented in this publication.

All information published in this report is for the original recipient's private and internal use only. ERP reserves all rights to the report. No part of this publication may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, or stored in any retrieval system of any nature, without the written permission of ERP.

This report or its copy may not be published or distributed in Australia, Canada, Hong Kong, Japan, New Zealand, Singapore or South Africa. The publication or distribution of this report in certain other jurisdictions may also be restricted by law. Persons into whose possession this report comes are required to inform themselves about and to observe any such restrictions.

Evli Plc is not registered as a broker-dealer with the U. S. Securities and Exchange Commission ("SEC"), and it and its analysts are not subject to SEC rules on securities analysts' certification as to the currency of their views reflected in the research report. Evli is not a member of the Financial Industry Regulatory Authority ("FINRA"). It and its securities analysts are not subject to FINRA's rules on Communications with the Public and Research Analysts and Research Reports and the attendant requirements for fairness, balance and disclosure of potential conflicts of interest. This research report is only being offered in U.S. by Auerbach Grayson & Company, LLC (Auerbach Grayson) to Major U.S. Institutional Investors and is not available to, and should not be used by, any U.S. person or entity that is not a Major U.S. Institutional Investor. Auerbach Grayson is a broker-dealer registered with the U.S. Securities and Exchange Commission and is a member of the FINRA. U.S. entities seeking more information about any of the issuers or securities discussed in this report should contact Auerbach Grayson. The securities of non-U.S. issuers may not be registered with or subject to SEC reporting and other requirements.

ERP is not a supervised entity but its parent company Evli Plc is supervised by the Finnish Financial Supervision Authority.

Contact information

SALES, TRADING AND RESEARCH				
Equity, ETF and Derivatives Sales		Trading		
Equity, ETF and Derivatives Sales		rrading		
Joachim Dannberg	+358 9 4766 9123	Lauri Vehkaluoto (Head)	+358 9 4766 9120	
Ari Laine	+358 9 4766 9115	Pasi Väisänen	+358 9 4766 9120	
Kimmo Lilja	+358 9 4766 9130	Antti Kässi	+358 9 4766 9120	
		Miika Ronkanen	+358 9 4766 9120	
Structured Investments		Equity Research		
	+259 0 4766 0726		1359 40 093 9009	
Heikki Savijoki	+358 9 4766 9726	Arttu Heikura	+358 40 082 8098	
	+358 9 4766 9726 +358 9 4766 9123	Arttu Heikura Joonas Ilvonen	+358 44 430 9071	
Heikki Savijoki		Arttu Heikura		
Heikki Savijoki		Arttu Heikura Joonas Ilvonen	+358 44 430 9071	
Heikki Savijoki		Arttu Heikura Joonas Ilvonen	+358 44 430 9071	

Johannes Asuja +358 9 4766 9205



EVLI PLC Aleksanterinkatu 19 A P.O. Box 1081 FIN-00101 Helsinki, FINLAND Phone +358 9 476 690 Internet www.evli.com E-mail firstname.lastname@evli.com

EVLI PLC, STOCKHOLMSFILIAL Regeringsgatan 67 P.O. Box 16354 SE-103 26 Stockholm Sverige stockholm@evli.com Tel +46 (0)8 407 8000