

FLASH NOTE

XTPL - Buy

Target Price: PLN 216.00 | Close as of 19/04/2024: PLN 138.40

Analyst: Piotr Bogusz, +48 22 257 5755 Piotr.Bogusz@erstegroup.com

Preliminary sales for Q1'24 and Q1'24 earnings preview

Preliminary sales for Q1'24. XTPL reported preliminary Q1'23 product and service sales revenue of PLN 2.76m in Q1'24 vs. PLN 2.98m in Q1'23. The company did not raise any new grants in the quarter (according to the reported information, XTPL is in several grant acquisition processes) in Q1'24 vs. PLN 0.6m in Q1'23. XTPL had PLN 22m cash at the end of Q1'24 (vs. PLN 27.1m at the end of Q4'23). The company's management says its cash holdings will be sufficient to implement its 2023-26 strategy.

Q1'24 earnings preview. XTPL will release its Q1'24 results on May 22, 2024. We expect sales to decline y/y and q/q in Q1'24 (in line with preliminary estimates; we assume lower R&D revenue y/y). We expect cost of sales to increase y/y due to increased R&D costs. At the same time, we assume an increase in general and administrative expenses due to the increasing scale of operations. The above factors should translate into a y/y decline in EBIT/EBITDA in Q1'24.

Revenues. We expect revenues to decline 19% y/y to PLN 2.9m in Q1'24. We estimate sales of products and services in line with preliminary estimates published by the company. In the subsidy line, we assume recognition of about PLN 0.15m in 1Q'24, driven by the settlement of subsidies the company received in previous periods.

Costs. We assume an increase in R&D costs y/y (mainly due to an increase in the scale of operations y/y) and expect an increase in the cost of products sold due to an assumed higher share of product sales in the sales mix. We expect general and administrative expenses to increase by 100% y/y to PLN 4m, which should result from the increased scale of operations.

Net profit. We expect a net loss of PLN 3.1m in Q1'24 vs. a net loss of PLN 0.3m in Q1'23. We assume a balance on financing activities of PLN 0.1m in Q1'24 (mainly interest on cash held) vs. PLN -0.1m in Q1'23.

Q1'24 results preview



P & L (PLN mn)	1Q23	2Q23	3Q23	4Q23E	1Q24E	Y/Y	Q/Q
Revenue	3.6	3.3	3.9	4.6	2.9	-19%	-36%
Sales of products and services	3.0	2.6	3.6	4.4	2.8	-7%	-37%
Grants	0.6	0.8	0.3	0.2	0.2	-75%	0%
Costs of sales	1.8	2.0	2.0	2.5	2.1	20%	-15%
R&D costs	1.3	1.3	1.1	1.3	1.4	4%	5%
Costs of products sold	0.4	0.8	1.0	1.2	0.7	71%	-37%
Gross profit	1.8	1.3	1.9	2.0	0.8	-57%	-62%
G&A	2.0	2.6	2.8	3.7	4.0	100%	6%
Other operating activities	0.0	0.0	0.0	0.0	0.0		
EBITDA	0.1	-0.9	-0.4	-1.1	-2.6		
EBIT	-0.2	-1.3	-0.9	-1.7	-3.2		
Balance on financial activities	-0.1	-0.1	0.1	0.1	0.1		
Profit before tax	-0.3	-1.4	-0.8	-1.6	-3.1		
Income tax	0.0	0.0	0.0	0.0	0.0		
Net profit	-0.3	-1.4	-0.8	-1.6	-3.1		

Opinion. **Neutral.** A revenue decline y/y and an increase in the cost base y/y should translate into a y/y decline in EBIT/net profit in Q1'24. The deterioration in earnings is expected and is due to XTPL's investment in commercializing its solutions. Sales of DPS devices are accelerating in 2024, partly due to the signing of more distribution agreements. At the same time, the company is making progress in ongoing industrial deployment projects. As a reminder, the company's equity story for the next few quarters is largely based on the first industrial deployments of XTPL technologies. Given the above, we believe that the current results have low relevance to XTPL's share price performance.



Group Research

Head of Group Research Friedrich Mostböck, CEFA®, CESGA®	+43 (0)5 0100 11902	Institutional Equity Sales Czech Republic Head: Michal Rizek	+420 224 995 537
OFF Many /Fired Income Passage		Pavel Krabicka Martin Havlan	+420 224 995 411 +420 224 995 551
CEE Macro/Fixed Income Research Head: Juraj Kotian (Macro/FI)	+43 (0)5 0100 17357	Jiri Feres	+420 224 995 554
Katarzyna Rzentarzewska (Fixed income)	+43 (0)5 0100 17356	Institutional Equity Sales Hungary	
Jakub Cery (Fixed income)	+43 (0)5 0100 17384	Levente Nándori	+361 235 5141
Croatia/Serbia		Balázs Zánkay	+361 235 5156
Alen Kovac (Head)	+385 72 37 1383	Krisztián Kandik	+361 235 5140
Mate Jelić Ivana Rogic	+385 72 37 1443 +385 72 37 2419	Institutional Equity Sales Poland	
Traile Trogic	1000 12 01 2 110	Jacek Jakub Langer (Head) Tomasz Galanciak	+48 22 257 5711 +48 22 257 5715
Czech Republic David Navratil (Head)	+420 956 765 439	Wojciech Wysocki	+48 22 257 5714
Jiri Polansky	+420 956 765 192	Przemyslaw Nowosad Maciej Senderek	+48 22 257 5712 +48 22 257 5713
Michal Skorepa	+420 956 765 172	Madej Seriderek	+46 22 257 57 13
Hungary		Institutional Equity Sales Romania	. 40 0705 40544
Orsolya Nyeste	+361 268 4428	Valerian Ionescu	+40 3735 16541
János Nagy	+361 272 5115	Group Markets Retail and Agency Business Head: Christian Reiss	. 40 (0)5 0400 04040
Romania		Head. Christian Reiss	+43 (0)5 0100 84012
Ciprian Dascalu (Head)	+40 3735 10108	Markets Retail Sales AT	. 40 (0)5 0400 04000
Eugen Sinca Dorina Ilasco	+40 3735 10435 +40 3735 10436	Head: Markus Kaller	+43 (0)5 0100 84239
Vlad Nicolae Ionita	+40 7867 15618	Group Markets Execution	. 42 (O)E 0400 94222
Slovakia		Head: Kurt Gerhold	+43 (0)5 0100 84232
Maria Valachyova (Head)	+421 2 4862 4185	Retail & Sparkassen Sales	40 (0)5 0400 00044
Matej Hornak	+421 902 213 591	Head: Uwe Kolar	+43 (0)5 0100 83214
Major Markets & Credit Research		Corporate Treasury Prod. Distribution	. 40 (0)5 0400 04447
Head: Gudrun Egger, CEFA®	+43 (0)5 0100 11909	Head: Martina Kranzl-Carvell	+43 (0)5 0100 84147
Ralf Burchert, CEFA® (Sub-Sovereigns & Agencies)	+43 (0)5 0100 16314	Group Securities Markets	
Hans Engel (Global Equities) Margarita Grushanina (Austria, Quant Analyst)	+43 (0)5 0100 19835 +43 (0)5 0100 11957	Head: Thomas Einramhof	+43 (0)50100 84432
Margarita Grushanina (Austria, Quant Analyst) Peter Kaufmann, CFA® (Corporate Bonds)	+43 (0)5 0100 11183	Institutional Distribution Core	
Heiko Langer (Financials & Covered Bonds) Stephan Lingnau (Global Equities)	+43 (0)5 0100 85509 +43 (0)5 0100 16574	Head: Jürgen Niemeier	+49 (0)30 8105800 5503
Carmen Riefler-Kowarsch (Financials & Covered Bonds)	+43 (0)5 0100 19632	Institutional Distribution DACH+	40 (0)744 040 400 5540
Rainer Singer (Euro, US) Bernadett Povazsai-Römhild, CEFA®, CESGA® (Corporate Bonds)	+43 (0)5 0100 17331 +43 (0)5 0100 17203	Head: Marc Friebertshäuser Bernd Bollhof	+49 (0)711 810400 5540 +49 (0)30 8105800 5525
Elena Statelov, CIIA [®] (Corporate Bonds)	+43 (0)5 0100 17203	Andreas Goll	+49 (0)711 810400 5561
Gerald Walek, CFA® (Euro, CHF)	+43 (0)5 0100 16360	Mathias Gindele Ulrich Inhofner	+49 (0)711 810400 5562 +43 (0)5 0100 85544
CEE Equity Research		Sven Kienzle	+49 (0)711 810400 5541
Head: Henning Eßkuchen	+43 (0)5 0100 19634	Rene Klasen	+49 (0)30 8105800 5521
Daniel Lion, CIIA® (Technology, Ind. Goods&Services) Michael Marschallinger, CFA®	+43 (0)5 0100 17420 +43 (0)5 0100 17906	Christopher Lampe-Traupe Michael Schmotz	+49 (0)30 8105800 5523 +43 (0)5 0100 85542
Nora Nagy (Telecom)	+43 (0)5 0100 17416	Christoph Ungerböck	+43 (0)5 0100 85558
Christoph Schultes, MBA, CIIA® (Real Estate)	+43 (0)5 0100 11523	Klaus Vosseler	+49 (0)711 810400 5560
Thomas Unger, CFA® (Banks, Insurance) Vladimira Urbankova, MBA (Pharma)	+43 (0)5 0100 17344 +43 (0)5 0100 17343	Şlovakia	
Martina Valenta, MBA	+43 (0)5 0100 11913	Šarlota Šipulová Monika Směliková	+421 2 4862 5619 +421 2 4862 5629
Croatia/Serbia			14212 4002 0020
Mladen Dodig (Head)	+381 11 22 09178	Institutional Distribution CEE & Insti AM CZ Head: Antun Burić	+385 (0)7237 2439
Boris Pevalek, CFA [®] Marko Plastic	+385 99 237 2201 +385 99 237 5191	Jaromir Malak	+43 (0)5 0100 84254
Matej Pretkovic	+385 99 237 7519	Czech Republic	
Bruno Barbic	+385 99 237 1041	Head: Ondrej Čech	+420 2 2499 5577
Davor Spoljar, CFA [®] Magdalena Basic	+385 72 37 2825 +385 99 237 1407	Milan Bartoš Jan Porvich	+420 2 2499 5562 +420 2 2499 5566
		Pavel Zdichynec	+420 2 2499 5590
Czech Republic Petr Bartek (Head, Utilities)	+420 956 765 227	Croatia	
Jan Safranek	+420 956 765 218	Head: Antun Burić	+385 (0)7237 2439
Umana		Zvonimir Tukač	+385 (0)7237 1787
Hungary József Miró (Head)	+361 235 5131	Natalija Zujic	+385 (0)7237 1638
András Nagy	+361 235 5132	Hungary	00 4 007 0044
Tamás Pletser, CFA® (Oil & Gas)	+361 235 5135	Head: Peter Csizmadia Gábor Bálint	+36 1 237 8211 +36 1 237 8205
Poland		Gergő Szabo	+36 1 237 8209
Cezary Bernatek (Head) Piotr Bogusz	+48 22 257 5751 +48 22 257 5755	Romania	
Łukasz Jańczak	+48 22 257 5754	Head: Octavian Florin Munteanu	+40 746128914
Krzysztof Kawa, CIIA®	+48 22 257 5752	Institutional Asset Management Czech Republic	
Jakub Szkopek	+48 22 257 5753	Head: Petr Holeček	+420 956 765 453
Romania		Petra Maděrová Martin Peřina	+420 956 765 178 +420 956 765 106
Caius Rapanu	+40 3735 10441	David Petráček	+420 956 765 809
Group Institutional & Retail Sales		Blanca Weinerová	+420 956 765 317
,		Petr Valenta	+420 956 765 140
Group Institutional Equity Sales	. 420 224 00F F27	Group Fixed Income Securities Markets	. 42 (0)50400 94402
Head: Michal Rizek	+420 224 995 537	Head: Goran Hoblaj	+43 (0)50100 84403
Cash Equity Sales	. 40 (0)5 0400 00101	FISM Flow Head: Gorjan Hoblaj	+43 (0)5 0100 84403
Werner Fuerst Viktoria Kubalcova	+43 (0)5 0100 83121 +43 (0)5 0100 83124	Margit Hraschek	+43 (0)5 0100 84403
Thomas Schneidhofer	+43 (0)5 0100 83120	Bernd Thaler	+43 (0)5 0100 84119
Oliver Schuster	+43 (0)5 0100 83119	Ciprian Mitu Christian Kienesberger	+43 (0)5 0100 85612 +43 (0)5 0100 84323
Institutional Equity Sales Croatia		Zsuzsanna Toth	+36-1-237 8209
Matija Tkalicanac	+385 72 37 21 14	Poland	
		Pawel Kielek	+48 22 538 6223
		Michal Jarmakowicz	+43 50100 85611





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. XTPL has been covered by this investment research under the Warsaw Stock Exchange's Analytical Support Programme (the "Programme"). The Programme assumes that Erste Securities Polska S.A. will receive remuneration from the Warsaw Stock Exchange for the analytical coverage of XTPL. To the above extent, the Warsaw Stock Exchange, as the principal, is entitled to the copyrights to the report. 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 without further notice. It only serves for the purpose of providing non-binding information and does not constitute investment advice or investment recommendations. 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 securities, 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 security or financial product in a trading strategy. 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 security or financial product. Therefore, this Document does not replace any investor- and investment-related evaluation nor any comprehensive risk disclosure; any security or financial product has a different risk level. Performance charts and example calculations do not provide any indication for future performance of the security or the financial product. Information about past performance does not necessarily guarantee a positive development in the future and investments in securities or financial products can be of risk and speculative nature. The weaker the Company's creditworthiness is, the higher the risk of an investment will be. Not every investment is suitable for every investor. 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 - the intended purchase of the security or financial product 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 advised to mind the client information pursuant to the Austrian Securities Supervision Act 2018. Investment research is produced by Erste Group's division for investment 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, Erste Group, or any other person. 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 quarantee as to or assumes any liability for the up-to-dateness, completeness and correctness of the content of this Document. Neither a company of 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, associated companies as well as representatives and employees may, to the extent permitted by law, have a position in the securities of (or options, warrants or rights with respect to, or interest in the financial instruments or other securities of) the Company.

Further, Erste Group, associated companies as well as representatives and employees may offer investment services to the Company or may take over management function in the Company. 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 products described herein are restricted or interdicted in certain jurisdictions. This, in particular, 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. 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 or to cease updates at all. All information provided in this Document is non-binding. 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.

Important Disclosures

THIS DOCUMENT MAY NOT BE TAKEN, TRANSMITTED OR DISTRIBUTED INTO THE UNITED STATES, CANADA, SWITZERLAND, AUSTRALIA, KOREA OR JAPAN OR TO ANY U.S. PERSON OR TO ANY INDIVIDUAL OUTSIDE CANADA, AUSTRALIA, SWITZERLAND, KOREA OR JAPAN WHO IS A RESIDENT OF THE UNITED STATES, CANADA, SWITZERLAND, AUSTRALIA, KOREA OR JAPAN OR TO THE PRESS IN THESE COUNTRIES.

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, we do not represent or assume any liability for the completeness of accuracy of such information or our 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 interestisclosure Checklist

Disclosures of potential conflicts of interest relating to Erste Group Bank AG, its affiliates or branches and its relevant representatives and employees with respect to the issuers, financial instruments and/or securities forming the subject of this document are updated daily.

An overview of conflicts of interest for all analysed companies by Erste Group in Research is provided under the following link:

https://www.erstegroup.com/de/disclosure

Erste Group Bank AG ensures with internal policies that conflicts of interest are managed in a fair and reasonable manner. The overview on policies regarding "Managing Conflicts of Interest in Connection with Investment Research" is provided under the following link:

https://produkte.erstegroup.com/Retail/de/PDF/Umgang_mit_Interessenskonflikten/index.phtml



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://produkte.erstegroup.com/Retail/de/PDF/Recommendations_Distribution/index.phtml

All disclosures of conflicts of interest, applicable to this publication, are valid in the same extend for Erste Group Bank AG and Erste Securities Polska.

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:

https://www.erstegroup.com/en/research/research-legal

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:

https://produkte.erstegroup.com/Retail/de/PDF/Bewertungsmethoden/index.phtml

Planned frequency of updates for recommendations

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).

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: 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.



Great Britain: This document is only made to or directed at investment professionals (as that term is defined in Article 19(5) of the Financial Services and Markets Act 2000 (Financial promotion) Order 2005 ("FPO")) or to persons for whom it would otherwise be lawful to distribute it. Accordingly, persons who do not have professional experience in matters relating to investments should not rely on this document.

© Erste Group Bank AG and Erste Securities Polska S.A. 2023. All rights reserved.

Published by:

Erste Securities Polska S.A. Research 00-103 Warsaw, Poland, Krolewska 16 Head Office: Warsaw

Commercial Register (KRS) No: 0000065121

District Court for the Capital City of Warsaw, XII Commercial Division

Erste Securities Polska Homepage: www.esp.pl

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