## 甚PICTET

## Performance of Swiss equities for each period



Disclaimers

 uxembourg.
Banque Pictet \& Cie SA is established in Switzerland, ex-
cusively licensed under S Wiss Law and therefore subice t the supervision of the Swiss Financial Market Supervisory Authoriti (FINMA).
Pictet \& Cie (Europe) SA is established in Luxembourg, authorized and regulated by the Luxembourg Financial
ity, Commission de Surveillance du Secteur Financier.
This marketing communication is not intended for persons who are citizens of, domiciled or resident in, or entities registered in a country or a jurisdiction in which its distribution, regulations.
The information, data and analysis furnished in this docuent are disclosed for information purposes only. They do not mount to a ny type of recommendation, either general or tailoed to the personal circumstances of any person. Unless speaifcally stated otherwise, all price information is indicative only. No entity of the Pictet Group may be held liable for then subscribe to securtities or other financial instruments. The in ormation contained herein is the result neither of financial nnalysis within the meaning of the Swiss Bankers Association's Directives on the Independence of Financial Research, no Investment research for the purposes of the relevant EU MID provisions. Al information and opinions expressed in this
document were obtained from sources believed to be reliable and in good fath, but no representation or warranty, express or implied, is made as to its accuracy or completeness. Except for any obligations that any entity of the Pictet Group might have towards the addressee, the addressee bjectives and independently assess with action to individidual oor, the speciifc financial risks as well as legal, reequatory cre Jit, tax and accounting consequences.
Furthermore, the information, opinions and estimates in his document reflect an evaluation as of the date of initial publication and may be changed without notice. The Pictet Group is not under any obligation to update or keep current the infor value and income of one or more securities or frizncial instion ments, it is based on rates from the customary sources of fiancial information that may fluctuate. The market value of firancial instruments may vary on the basis of economic, nancial or political Changes, currency fluctuations, the remaiing term, market conditions, the volatility and solvency of the
ssuer or the benchmark issuer. Some investments may not be readily realizable since the market in the securities can be illiquid. Moreover, exchange rates may have a positive or negatie effect on the value, the price or the income of the securities the related investments mentioned in this document. Whe investing in emerging countries, please note that the political stable than in industrialized countries. They are much more exposed to the risks of rapid political change and economic setbacks.

- astperommance mast not be considered arindicator uarantee of future performance, and the addressees of this No express or implied warranty is given as tof future earformance. Moreover, forecasts are not a reliable indicator of fuure performance. The content of this document can only be ead andor used by its addressee. The Pictet Group is not lia eor the use, Thismission orexploiation of the content this document. Therefore, any form of reproduction, copying,
disclosure, modification and/or publication of the content is inder the sol liability of the addressee of this document, and no liability whatsoever will be incurred by the Pictet Group. The addressee of this document agrees to comply with the ap plicable laws and reeullations in the jurisdictions where they

This marketing publication is issued by Banque Pictet SA. This marketing publication and its content may be ted provided that the source is indicated. All rights reserve. Copyright 2023.
Distributor:
("Pictet London Branch") This is a marketing communication distributed by Pictet

## London Branch.

London Branch.
This document sets forth neither a personal recommendation tailored to the needs, objectives and financial situation
any individual or company (investment advice as defundi any individual or company (investment advice as defined in
the Financial Conduct Authority's Handbook of rules and guidance (the "FCA Handbook"), nor the results of investment research within the meaning of the FCA Handbook. Moreover, does not constitute an offer, or an invitation to buy, sell or
subscribe to securities or other francial instruments, nor subscribe to securities or other financial instruments, nor is meant as a proposal for the conclusion of any type of agree-
ment. Furthermore, this document should not be considered suitability report as Pictet London Branch has not received al the necessary information on the recipient to complete its suitability assessment that covers the recipient's knowledge and experience, tolerance to risk, investment needs and the recipients abily te absorb hancial risk. Should its addressee product referred to herein, this will be in his sole responsibili, ty, and the suitability/appropriateness of the transaction and other financia, legal and tax aspects should be assessed by an expert.

Any information contained in this document is disclosed For information purposes only, and neither the producer nor
the distributo can be held liable for any fuctuation of the price of the securities. No express or implied warranty is give as to future performance. The opinions expressed reflect an objective evaluation of information avalable to the general public, such as rates from customary sources of financial inFormation. The market value of securities mentioned may vary
on the basis of economic, financial or political changes, the $r$ On the basis of economic, financial or political changes, the re-
maining term, market conditions, the volatility and solvency of the issuer or the benchmark issuer. Moreover, exchange rates may have a positive or negative effect on the value, the price or the income of the securities or the related investments mentioned in this document. It is also expressly noted that forepast performance is not a reliable indicictoro of future eesults. You shall only take investment decisions when you fully understand the relevant financial product and the involved risks. In particular, the relevant product documentation (such as the issuance program, final terms, prospectus, simplifed prospectus and key ( Westin Relating tocument), as wel
as Appendix 4 : Risk Warning Relaing to Trding in Financial Instruments of the Terms and Conditions of Pictet London Branch, shall be read. Structured products are complex financial products and involve a high degree of risk. The value of structured products depends not only on the performance of the underlying asset(s), but also on the credit rating of the is
suer. Furthermore, the investor is exposed to the risk of default of the issuerguarantor
In respect of any product documentation, including key information documents of Packaged Retail and Insurance-based Investment Products ("KIDs") and key investor information documents of Undertakings for Collective Investment in Trans
ferable Securities "KKIIDs"), please note that these may ferable Securities "KlIDs"), please note that these may
change without notice. You should therefore ensure that review the latest version of them prior to confrming to Pictet London your decision to invest. If you have been provided with a link to accesss the respective KID/KID/other product document, you should therefore click on the link immediately befo confrrming to Pictet London Branch your decision to invest, in
order to review the most recent version of the respective KID/ order to review the most recent version of the respective KID/
KIIDOther product document. If you have not been provided with a link to access the relevant document, orif you are in a doubt as to what the latest version of the respective KID/KIID other product document is, or where it can be found, please
ask your usual Pictet L London Branch contact.
ask your usual Pictet London Branch contac.

Pictet London Branch is not the manuracturer of the proet(s) and the KD/KWhother product documes sprovid by a third party. The KII/KIID/ther product document is ob Branch does not make any gurantee or warranty as to the correctness and accuracy of the data contained in the KID/ KIID/other product document. Picteet London Branch may not be held liable for an investment decision or other transaction hade based on reiance on, or use of, the data contained it By subscribing to the product(s)
By subscribing to the product(s) proposed herein, you understood any relevant documentation linked to the product(s), including, as the case may be, the respective KII/KIIO other product document; (il) taken note of the product(s) res rictions; and (iii) meet the applicable subjective and objectieligibility conditions to invest in the product(s).
Tedgements and receive your orderss, to transmit these ach nother rofesssional, or to execute them, according to the rel vant clauses of your mandate, as well as the Terms and Cond ions of Pictet London Branch
The content of this document shall only be read and/or used by its addressee. Any form of reproduction, copying,
disclosure, modification and/or publication in any form or by any means whatsoever is not permitted without the prior wit ten consent of Pictet London Branch and no liability whatso ver will be incurred by Pictet London Branch. The addressee his document agrees to comply with the applicable laws and
regulations in the urisdictions where they use the information provided in this document.
Pictet London Branch is a branch of Pictet \& Cie (Europe) .A.. Pictet \& Cie (Europe) S.A. is a société anonyme (public limited liability company) incorporated in Luxembourg and reistered with the Luxembourg Registre de Commerce et des Societes (RSS no. B32060). Its head offfice is at 15A, avenue J. ered as a UK establishment with Companies House estabshment number BRo16925) and its UK establishment office adress is Stratton House 6 th Floor, London, 5 Stratton Street WII LLA. Authori
Authorised and regulated by the Commission de Surveiltal Regulation Authority. Subject to reequlation by the Finanacia onduct Authority and limited regulation by the Prudential Re ulation Authority. Details of the Temporary Permissions Reime, which allows EEA-based frrms to operate in the UK for mited period while seeking full authorisation, are available the Financial Conduct Authority's website.

## Distributors: Bank Pictet \& Cie (Asia) Ltd ("BPCAL") in

## (Pictet HK Branch") in Hong Kong.

The information, tools and material presented in this document are provided for information purposes only and are solicitation to buy sell or subscribe for any secwitites com dities, derivatives, (in respect of Singapore only) futures, or ther financial instruments collectively referred to as "Invest nents") or to enter into any legal relations, nor as advice or recommendation with respect to any investments. This docunent is intended for general circulation and it it not directed at any particular person. This document does not have regard
ot the specific investment objectives, financial situation and/or the particular needs of any recipient of this document. Invesfors should seek independent financial advice regarding the appropriateness of investing in any investments or adopting any strategies discussed int this document, taking into account
the specificinvestment objectives financial situation or artithe specific investment objectives, financial situation or parti-
cular need of of the investor, before making a commitmento cular nee
vest.

BPCALLPictet HK Branch has not taken any steps to ensu ble for any particulars inyeftred to ind this document are suitato any investor in this regard excent as required hy anplicable laws and regulations. Furthermore, BPCCLLPictet HK Branch makes no representations and gives no a dyice concerning the appropriate accounting treatment or possibie tax consequences of any Investment. Any investor interested in buying or making any Investment should conduct its own investigation and analysis of the Investment and consult with its own pro-
fessional adviser(s) as to any Investment indudin the risks fessional.
This document is not to be relied upon in substitution for the exercise of independent judgment. The value and income of any Investment mentioned in this document may fall as well
ris. The rise. The market value may be affected by, amongst other
things, changes in economic, financial political factors time to maturity, market conditions and volatility, and the credit quality of any issuer or reference issuer. Furthermore, foreign currency rates of exchange may have a positive or adverse effect on the value, price or income of any Investment mentione in this document. Accordingly, investors must be willing and able to assume all rist
nally invested.
Past performance

Past performance should not be taken as an indication or guarantee of uture performance and no representation or warranty, expressed or implied, is made by BPCAL/Pictet HK ranch regarding future performance.
This document does not constitute the investment policy
BPCALPictet HK Branch, and merely contains the different assumptions, views and analytical methods of the analysts who prepared them. Furt hermore, the information, opinions and estimates expressed herein reflect a judgment at tits original date of publication and are subject to change without notice and without any ob
gation on BPCCLLPictet $H K$ Branch to undate any of the gation on BPCALPPictet $H K$ Branch to update any of them.
BPCALPictet $H K$ Branch may have issued or distributed other reports or documents that are inconsistent with, and reach different conclusions from, the information presented in this document.

While the information and opinions presented herein are from sources believed to be reliable, BPCAL/Pictet $H K$ Kranch
is not able to, and do not make any representation or warchaty is not able to, and do not make any representation or warranty HK Branch accepts no liability for loss arising from the use of or reliance on this document presented for information purposes only. BPCALPPictet HK Branch reserves the right to act upon or use any of the information in this document at any BPCALPictet HK Branch and its affliate
thereof) may or may not have long or short tositions in and thereof may or may no thave long or short positions in, ast ments mentioned herein, and may or may not have relation ships with the issuers of or entities connected with Investments mentioned in this document. BPCALLPicteet HK Branct
and their affliates (or emplovees thereof) may act inconsistently with the information and/or opinions presented in this document.
The information used to prepare this document and/or any part of such information, may have been provided or circulated to employees and/or one or more clients of BPCALPPictet HK
Branch before this document was received by you and such information may hev been acted upon by such recieients or by BPCAL/Pictet HK Branch.
This document is provided solely for the information of the intended recipient only and should not be reproduced, published, circualed or disclosed in whole or in part to any other person
Branch.

Singapore
This document is not directed to, or intended for distribution, publication to or use byy persons who are not accredited
investors, expert investors or institutional investocs as def ned in section 4 A of the Securities and Futures Act 2001 "SFA") or any person or entity who is a citizen or resident located in any locality, state, country o o other jurisdiction where such distribution, publication, availability or use woul be contrary to law or regulation or would subject BPCAL and or registration requirements.
or registration requirements.
BPAL
s. wholesale bank regulated by the Monetary thority of Singapore ("MAS") under the Banking Act 1970 of Singapore, an exempt financial adviser under the Financial
 Singapore in respect of any matters arising trom or in connee Singapore in respect of any matters arising from, or in conne
tion with this document.
Hong Kong
This documen
Tinn, publica dinent is not directed to, or intended for distribunal investors" within the eby, persons who are not "professio es Ordinance (Chapter m77eafing of the Securities and futuules made thereunder (the "SFO") or any person or entity who a citizen or resident of or located in any locality, state, counyy or other jurissiction where such distribution, pubication, availability or use would be contrary to low or regulation or would subject Pictet $H K$ Branch and any of its affliates or $r$. hated corporations to any prospectus or registration requirenal information for marketing purposes, you can request Pictet $H K$ Branch to stop doing so without incurring any charge to you. ${ }_{\text {In }}$
In distributing an investment product as agent for a third party service provider, Pictet HK Branch distributes the proproduct of the third party service provider but not Pictet HK Branch. In respect of an eligible dispute (as defined in the erms of Reference for the Financial Dispute Resolution Centre in relation to the Financial Dispute Resolution Scheme) arising between Pictet HK Branch and you out of the selling process or quired to enter into a Financial Dispute Resolution Scheme process with you: however any dispute over the contractual terms of the product should be resolved directly between the third party service provider and you.
Banque Pictet \& Cie SA is a limited liability company incorporated in Switzerland. It is an authorized institution wit-
hin the meaning of the Banking Ordinance and a registered institution (CE No. BMC891) under the SFO carrying on Type 1 dealing in securities), Type 4 (advising on securities) and ype 9 (asset management) regulated activities. The regis tered address of Pictet HK Branch is $9 /$ F., Chater House, 8 Con naught Road Central, Hong Kong.
Warning:The contents of this
viewed by any regulatory authority in viewed by any regulatory authority in Hong Kong. You are a any doubt about any of the contents of this document, you should obtain independent professional advice. Please contact Pictet $H$ K Branch in Hong kong in respect of any matters air ing from, or in connection with this document. tered office is located at Building 1 Bayside where regisWest Bay Street \& Blake Road, Nassau, New Providence, The Bahamas.
The document is not directed to, or intended for distributinor publication to or use by persons who are not Accredited Investors (as defined in the Securities Industry Regulations, Industry Regulations, 2012 or to any person or entity who is citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availabilty or use would be contrary to law or regulation or would
subject Pictet Bank \& Tust limited to any prospectus $\mathbf{r}$ re subject Pictet Bank \& Irust LImited to any prospectus or re-
porated in The Bahamas with imited liability. It is a bank and trust company that is licensed in accordance with the Banks and Trust Companies' Regulation Act and is regulated by the Trust Limited is registered with the Securities Commission of The Bahamas as a Broker Dealer Il and is approved to (i) Deal in Securities 1. (a) \& (c) ; (ii) Arrange Deals in securities; (iii) Manage Securities; (iv) Advise on Securities.

Warning: The content of this document has not been reviewed by any regulatory authority in The Bahamas. You are,
therefore, advised to exercise caution when processing the information contained herein. If you are in any doubt about any of the content of this document, you should obtain independent professional advice

## IISCLAIMERS INDEX \& DATA PROVIDER

 source of the relevant SIX indices as mentioned in the aplica ber epoorting or publications of the Pictet group and the datacomprised therein SIX Swiss Exchange has comprised therein. SXX Swiss Exchange has not been involved in not give any warantion and excluder and any libibilty whand does (whether in negligence or otherwise) - including without limita tion forthe accuracy, adequateness, correctness, completeness timeliness, and fitness for any purpose - with respect to any reported information or in relation to any errors, omissions or interuptions in the relevant index or its data. Any dissemination or further cistribution of any suct
Swiss Exchange is prohibited."
MSCl: The MSCl information may only be used for your inter nal use, may not be reproduced or redisseminated in any form and may not be used as a basis for or a component of any finan-
cial instruments or products or indices. None of the MSCC inforiar intruments or products or indices. None of the MSCl informendation to make (or cofriain from making adny kind of investment decision and may not be relied on as such Historical data and analysis should not be taken as an indication or guarantee of any yuture performance analys sis, forecast or pre-
diction. The MSCl information is provided on an "as is" basis and the user of this information assumes the entire risk of any use made of this information. MSCI, each of its affliates and each other person involved in or related to compiling, compu-
ting or creating any MSC I information (collectively, the "MSCI Parties ") expressly disclaims all warranties (including, without limitation, any warranties of originality, accuracy, completeness, timeliness, non-infringement. merchantability and fitness for a particular purposee with respect to this information.
Without limiting any of the foregoing in no event shall any MSC Without limiting any of the foregoing, in no event shall any MSC
Party have any liability for any direct, indirect, special, incidental, punitive, consequential ( including, without limitation, fast profts) or any other damages. (www.msci.com)
FTSE: "London Stock Exchange Group plc and its group undertakings (collectively, the "LSE Group"). © LSE Croup [2022]. FTSE Russell is a trading name of certain of the LSE Group con-
panies. (e.g.,"FTSE panies.(e.g.,"FTSEE" "FTSE Fixed Income""Russelle", "FTSE
Russell) islare a trade mark(s) of the relevant LSE Group companies and islare used by any other LSE Group company under license. All rights in the FTSE Russell indexes or data vest in the relevant LSE Group company which own sthe index or the data. Neither LSE Group nor its licensors accept any liability for
any errors or omissions in the indexes or data and no party any errors or omissions in the indexes or data and no party $m$ ay
rely on any indexes or data contained in this communication. No further distribution of data from the LSE Group is permitte without the relevant LSE Group company's express written consent. The LSE Group dees not promote, sponsor or endorse the content of this communication."
felieved to be reliable butt| P Morga deta believed to be reliable but $]$.T. Morgan does not warrant it
completeness or accuracy. The Index is used with permiss The Index may not be copied, used, or distributed without $J$.P. Morgan's prior written approval. Copyright 2017, ,P. Morgan Chase \& Co. All rights reserved."

LooMBERG: Bloomberg Index Services Limited Sant STOXX indices as mentioned in the enplicacle repera rele. publications of the Pictet group and the data comprised therein. STOXX has not been involved in any way in the creation of any reported information and does not give any warranty and excludes any liability whatsoever (whether in negligence or otherwise - incluring without limitation for the a ccuracy, ade-
quateness, correctness, completeness, timeliness, and ftiness for any purpose - with respect to any reported information or in relation to any errors, omissions or interruptions in the relevant STOXX indices as mentioned in the applicable reporting or publications of the Pictet group orits data. Any dissemination of Wurther distribution of any such in-formation pertaining to
SToxx is robibited." stoXX is prohibited.

MARKIT:"Copyright 2022, Markit Economics Limited. Al ights reserved and all Intellectual property rights retained by kit Economics Limited."
.and Jim Rogers", "lames Beeland Rogers, fr.", and "Rogers" are Commodity Index" "Mal" 0 , and Rogers international Beeland Interests. Inc. which is owned and controlled by lames Beeland Rogers, Jr., and are used subject to license. The personal names and likeness of Jim Rogers/lames Beeland Rogers, Jr: are owned and icensed by James Beeland Rogers, JI. Products based on or inked to the Rogers International Commodity Index
or any sub-index theref are not sponsored endorsed sold promoted by Beeland Interests. Inc ("Beeland Interests") or mes Beeland Rogers, Ir Neither Beeland lnterests nor lames Beeland Rogers, J. makes any representation or warranty, express or implied, nor accepts any responsibility, regarding the accuracy or completeness of this website, or the advisability of investing in securities or commodities generally, or in products
based on or linked to the Rogeres International Commodity Index or any sub-index thereof or in futures particularly.
or any sub- Index thereof or in tutures particularly.
TOPP: The TOPIX Index Value and the TOPIX Marks a ject to the proprietary rights owned by Tokyo Stock Exchange, Inc. and Tokyo Stock Exchange, Inc. owns all rights and knowhow relating to the TOPXX such as calculation, publication and No Product is in any way sponsored endorsed or ronoted by Tokyo Stock Exchange, Inc.
EMMI-EURIBOR: Euribor®, Eonia® and Eurepo® are registered trademarks of EMMI a a.i.s. b.l. All rights reserved. All use of these names must indicate that the index is a registered trademark.
NOMUR
Shts in the The intellectual property rights and any other rights, in the Nomura indices belong to Nomura Securities C 0 .,
Itd. ("Nomura'). Nomura does not gurantee accuracy, completeness, reliability, usefulness, marketability, merchantability or fitness of the Index, and does not account tor business activities or services
the 1 ndex.
Copyright 2022, S\&P Clobal Market Intelligence. Reproduc tion of any information, data or material, including ratings ("Content") in any form is prohibited except with the prior writand suppliers ""Co relevant party. Such party, ts afflliates racy, adequacy, completenesss, timeliness or aravialde ity a fany Content and are not responsible for any errors or or missions (negligent or otherwise) regardless of the cause of for the sults obtained from the use of such Content. In no event shal Content Providers be liable for any damages, costs, expenses, legal fees, or losses (inctuading ost income or lost proft and op. portunity costs) in connection with any use of the Content. A
reference to a particular investment or security a arating or any reference to p particular investment or security, a rating or any
observation concerning an investment that is part of the Conent is not a recommendation to buy, sell or hold such investment or security, does not address the suitability of an invesment or security and should not be relied on as investment dvice. Credit ratings are statements of opinions and are no tatements of fact.
S\&P DOW IONSS:
S\&P DOW JONES: The "relevant S\&P Dow Jones indices as Pictet group" is a product of S\&P Dow Jones Indices LLC, a division of S\&P Clobal, or its affliates "SPDJI") and Third Party Licensor, and has been licensed for use by Pictete group. Standard \& Poor's® and S\&P® are registered trademarks of Standard \&
Poor's Financial Services LLC, a division of S\&P C Cobal "S\&PP"): Dow Jones 8 is a registered trademark of Dow Jones Trademark Holdings LLC ("Dow Jones"); Third Party Licensor Trademarks are trademarks of the Third Party Licensor and these trademarks have been licensed for use by SPDJI and sublicensed for Certain purposes by Pictet group. It is not possible to invest directly in an index. The relevant product of the Pictet group are S\&P, any of their respective affliates (collectively, "S\&P Dow Jones Indices") or Third Party Licensor. Neither S\&P Dow Jones Indices nor Third Party Licensor make any representation or warranty, express orimplied, to the owners of the relevant pro-
duct of the Pictet group or any member of the public regarding
edvisbility of investing in securities generally or in The evant product of the Pictet group particularly or the ability of the relevant S\&P Dow Jones indices as mentioned in the appliabereorting or pubications of the Pictet group to track garal market performance. Past performance of an index is no an indication or guarantee of future results. S\&P Dow Jones Indices and Third Party Licensor only relationship to Pictet Group ned in the applicable reporting or publications of the Pictet group is the licensing of the Index and certain trademarks, ser vice marks and/or trade names of S\&P Dow Jones Indices and/or is licensors. The relevant S\&P Dow Jones indices as mentione in the applicable reporting or publications of the Pictet group is Cs or Thid Party liensor without resard to Picte Group or relevant product of the Pictet group. S\&P Dow Jones Indices and Third Party Licensor have no obligation to take the needs of Pictet Group or the owners of The relevant product of the Pictet sroup into consideration in determining, composing or calcula ting the relevant S\&P Dow Jones indices as mentioned in the
applicable reporting or publications of the Pictet group. Neitb applicabe reporting or pubications of the Pictet group. Netither
S\&P Dow Jones Indices nor Third Party Licensors are eesponsible for and have not participated in the determination of the prices, and amount of the relevant product of the Pictet group or the timing of the issuance or sale of The relevant product e Pictet group in the determination or calculation of the uation by which the relevant product of the Pictet group is may be. S\&P Dow Jones Indices and Third Party Licensor have no obligation or liability in connection with the administration, Marketing or trading of the relevant product of the Pictet grou Mere is no a assurance that investment products based on the forting or publications of the Pictet grop will accuatly rack index performance or provide positive investment res s\&P Dow Jones Indices LLC is not an investment or tax advisor. tax advisor should be consulted to evaluate the impact of any -exempt securties on portfolios and the tax consequences aking any yarticular investment decision. Inclusion of a sec Indices to buy, sell, or hold such security, nor is it considered to investment advice.
NEITHER S\&P DOW JONES INDICES NOR THIRD PARTY LICENSOR GUARANTEES THE ADESUACY, ACCURACY, TIMELINESS AND/ OTHE COMPLLETENESSOF THE NDOCES OR ANY DATA RELAIL DTO ORAL OR WRITTEN COMMUNCATION INCIUDING ELEC RONIC COMMUNICATIONS) WITH RESPECT THERETO. S\&P DOW ONES INDICES AND THIRD PARTY LICENSOR SHALL NOT BE SUBIECT TO ANY DAMAGES OR LIABLLITY FOR ANY ERRORS, MISSIONS, OR DELAYS THEREIN. SEP DOW JONES INDICES AN RANTIES, AND EXPRESSLY DISCLAMMS ALL WARRANTIES, OF MERCHANTABLITY OR FITNESS FOR A PARICCULAR PURPOSE USE OR AS TO RESULTS TO BE OBTAINED BY PICTET CROUP, OWNERS OF THE RELEVANT PRODUCT OFPICTET CROUP, OR ANY THEER PERSON OR ENTITY FROM THE USE OF THE INDICES OR WITH RESPECT TO ANY DATA RELATED THERETO. WITHOUT LI SHALL S\&P DOW JONES INDICES OR THIRD PARTY LICENSOR BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE, OR conseouential damaces including but not limited to, LOSS OF PROFITS, TRADING LOSSES, LOST TMME OR COODWILL, EVEN IF THEY HAVE BEEN ADVISED OF THE POSSIBLITY OF SUCH THERWISE. THERE ARE NO THIRD PARTY BENEFICIARIES OF ANy acreements or arrancements between s\&p dow 0 NES INDICES AND PICTET GROUP, OTHER THAN THE LICENSORS. F S\&P DOW JONES INDICES.

NASDAQ: Nasdaq® The relevant NASDAO indices as mentio ned in the applicable reporting or publications of the Pictet group, are eregistered trademarks of Nasdaq, Inc. (which with
its affliates is eferred to as the "Corporations") and are licensed for use by Pictet Group.

HFR: © 2022 Hedge Fund Research, Inc. - All rights reserved. pe , WWW. HEDCFEUNDRESEARCH.COM® HEDCE FUND RE
 the trademarks of Hedge Fund Research, Inc.This information is obtained from sources that Hedge Fund Research, Inc. considers to be reliable; however, no representation is made as to, and no responsibility or liability is accepted for, the accuracy or
completeness of the information. Information contained herein completeness of the information. Information contained herein
is subject to change at any time without notice. It is not possible to invest directly in a financial index. Exposure represented by an index is available through instruments based on that in dex. HFR does not sponsor, endorse, sell, promote or manage any investment products.
EURONEXT."

UunoNXT: "ब2022 Euronext N.V. All Rights Reserved. The include the proprietary information of Euronext and its content providers, (ii) may not be copied or further disseminated exce as specificaly yuthorized, (iII) do not constitute investment ad vice, (iv) are provided solely for informational purposes and (v)
are not warranted to be complete, accurate or timely." are not warranted to be complete, accurate or timely." MISSION. ICE IS A REGISTERED TRADEMARK OF IEE DATA OR IIS afFILITES [ AND BOFA IS A REISTERED TRADEMARK OF BAN OFAMERICA CORPORATONLICENSEO BY BANK OF AMERICA CORPORATION AND ITS AFFILIATES ("BOFA") AND MAY NOT BE USED WITHOUT BOFA'SPRIOR WRITTEN APPROVALI. ICE DATA,
ITS AFFILITES AND THER RESPECTIVE THRD PARTY SUPPLIERS DISCLIIM ANY AND ALL WARRANTIED AND REPRPSEN tions, EXPRESS AND/OR IMPLIED, INCLUDING ANY WARRANTIES OF MERCHANTABLLTY OR FITNESS FOR A PARTICULAR PURPOS OR USE, INCLUDING THE INDICES, INDEX DATA AND ANY DATA INCLUDED IN, RELLTED TO, OR DERIVED THEREFROM. NEITHER ICEDATA, ITS AFFILIATES NOR THEIR RESPECTVE THIRD PARTY
SUPPLIERS SHALL BE SUBIECT TO ANY DAMAGES OR LIABILTY WITH RESPECT TO THE ADEOUACY, ACCURACY, TIMELINESS OR COMPLLETENESS OF THE INDICES ORTHE INDEX DATA ORANY Conponen thereof, And the indices hid index data an ALL COMPONENTS THEREOF ARE PROUIDED ON AN "AS IS" BA-
 SPONSOR ENDORSE OR RECOMMEND [Pictetl OR ANY OF ITS PRODUCTS OR SERVICES.
ICE-LIBOR: The index data referenced herein is the propen of ICE Data Indices, LLC, its affliates ("ICE Data") and/or its Third Party Suppliers and has been licensed for use by Pictet group. ICE Data and its Third
in connection with its use

CME: 'Used with permission from CME Group Inc. 2022'

