



MAY 2022

MONTHLY INVESTMENT OUTLOOK

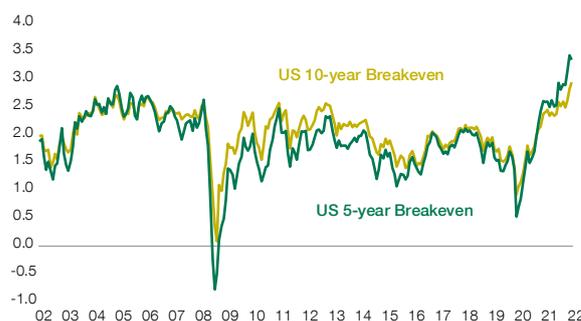


UNION BANCAIRE PRIVÉE

GROWING RISKS ON THE HORIZON

- April saw the coordinated bond and equity sell-off continue as the ECB joined the increasingly hawkish tone out of the Fed and added to heightening growth concerns in the month.
- Indeed, this shifting in the growth-inflation balance is highlighted by the IMF's recent forecasts with global growth now expected to reach only 3.6% while inflation is expected to hit 5.7% in 2022 following its second change in forecasts in 2022.
- Rising long-term inflation expectations increasingly appear to be a concern for the US Fed as a series of 50 bps rate hikes is now on the table starting in the spring as the US central bank seeks to move more aggressively from its currently easy policy settings to outright tight as quickly as possible.
- With US 10-year yields having reached the upper end of our 2.5-3.0% target range in April, elevated long-term inflation expectations suggest that a move to 3.0- 3.5% is needed moving into the summer to reset inflation-adjusted interest rates across the yield curve back into positive territory and align with Fed hawkish policy settings.
- As a result, we have increased fixed income hedge fund allocations to shield investors further from not only the expected additional rise in long-term yields but also, we anticipate, a pick up in credit spread volatility as the prospect of a slowdown in economic growth is better priced in moving into 2H2022.
- Earnings remain a tailwind for US and European equities moving through the current reporting season in progress. However, should risks to economic growth continue to build in the spring and through the summer months, 2H2022 and 2023 earnings expectations may face growing headwinds.
- Moreover, as we exit earnings season and the next stage in the Fed tightening cycle takes hold starting in mid-May, an upcoming leg to the rising yield backdrop that has plagued the asset class so far in 2022 may once again move to the forefront of investor attention.
- On the FX front, though US dollar strength year-to-date has been unrelenting, we expect it will require signs that non-US, global central banks will take up the mantle of tightening at a faster pace than expected in the US to reverse the current trend. Without this, further US dollar strength and global instability that usually accompanies it may emerge moving into the summer.

Rising long-term inflation expectations suggest inflation is becoming unanchored....



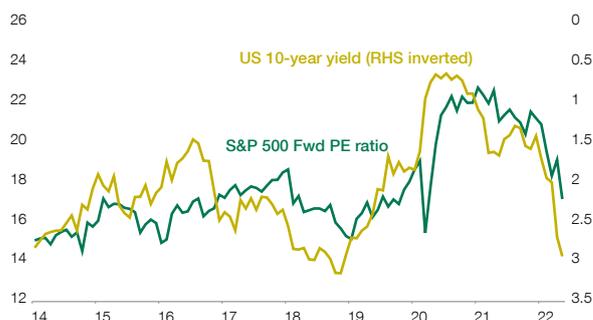
Sources: Bloomberg Finance L.P. and UBP

... warranting a tighter policy via positive real interest rates across the yield curve



Sources: Bloomberg Finance L.P. and UBP

US equity valuations underprice the rise in long-term yields



Sources: Standard & Poor's; Bloomberg Finance L.P. and UBP

STAY SHELTERED IN ALTERNATIVE STRATEGIES

Global economy / Asset allocation

- Global activity was quite resilient in Q1-22, but downside risks accumulate in Q2 as the Russia-Ukraine conflict continues and visibility remains low.
- Europe looks the most exposed to recession risks in the short run, while upside risks remain in place on inflation.
- Major central banks, except Japan and China, have adopted a more hawkish communication and have prepared markets to a more aggressive tightening in the coming months.
- In this context, risks are mounting in both fixed income and equity space. Investors could find some sources of shelter in alternative strategies such as credit arbitrage, CTA or global macro for fixed income alternatives and equity long-short strategies for equity allocation.
- Risk management is again the key looking ahead. Put options should protect investors from any sharp sell-off in equity markets and growing recession risk on the horizon.

Fixed income

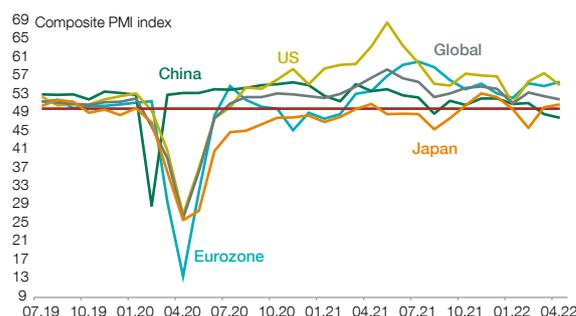
- Bond market sell-off continued during the month, pricing in more aggressive monetary policy and inflation risks. US 10y bond yields could reach 3%-3.5% after the previous rise from 2% to 3% over past months.
- Bond yields turned more volatile on renewed fears of recession fuelled by extended China lockdown and more aggressive Fed tightening.
- Short duration investment grade corporate bonds and hedge funds strategies are preferred within the fixed income allocation.

Equities/ Alternatives

- Valuation risks remain and earnings underprice rising recession risks. High PE multiples are susceptible to PE compression as yields complete their normalisation. High quality earnings and dividend streams can provide relative shelter.
- Hedge funds are particularly valuable in generating alpha in markets with rising volatility. We further rotated some of our directional holdings both in equity and in fixed income into the asset class.

Activity is expected to slow down in Q2

Business confidence



Source: S&P Global

Earnings expectations look optimistic given substantial risks on activity

Consensus EPS growth expectations for global equities



Source: Refinitiv

Sell-off across all assets including gold

Major Asset Classes Performance



Performance is as end of April 2022
Sources: Refinitiv, UBP

MAJOR DOWNSIDE RISK ON ACTIVITY NEXT QUARTERS

Lower visibility and building downside risks

- A significant slowdown is expected in global activity after still quite resilient Q1, due to end of pandemic restrictions in several countries.
- The combination of higher inflation, enduring Russia-Ukraine conflict, extended lockdowns in China and tighter global monetary policy should lead to weakening global supply and demand in the next quarters.
- Continental Europe appears the most exposed to recession risks due to geopolitical uncertainties in the short run and fears of major energy shortages; the Chinese growth story could be severely hit in Q2 by the “Covid-O” policy and the costs of the related lockdown in several major Chinese cities.
- US activity is challenged in the medium term by the Fed's willingness to engineer a significant slowing. External shocks combined with more aggressively tight monetary policy may potentially push the post pandemic high growth cycle into jeopardy in 2023.

Inflation: remaining upside risks in Q2

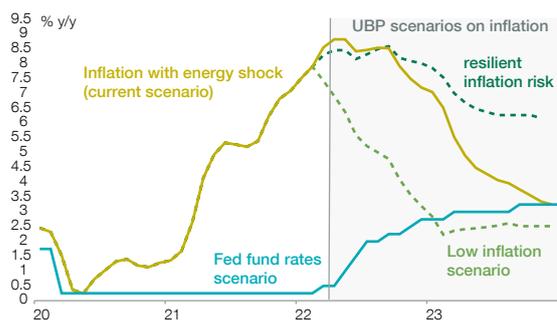
- Inflation registered the impact of soaring energy prices, higher costs due to renewed disruption in trade and industry and rising momentum in service costs; inflation should remain high in Q2, and some demand destruction could be seen because of deteriorating purchasing power.
- With a tight labour market, continued wage growth is expected in the US and could come later in 2022-2023 in the eurozone. No major easing in inflation is expected before Q3-22, and any significant decline is postponed to mid-2023.

The ECB poised for an early lift-off in key rates

- The ECB has opened the door to an early interest rate adjustment beginning in July, after mentioning the option to move in September and December to accelerate the fight against inflation despite mounting downside risks on activity. ECB's liquidity injections should end by this June.
- Viewing the US labour market as running “too hot”, the Fed looks set to hike key rates more aggressively in the next meetings, raising key rates close to 2.75%-3% by Q4-22/ Q1-23. The Fed is also expected to reduce its balance sheet in May with maturing Treasuries and mortgage bonds purchased during the pandemic.

High inflation in place in the US

US inflation



Sources: BLS, Refinitiv, UBP

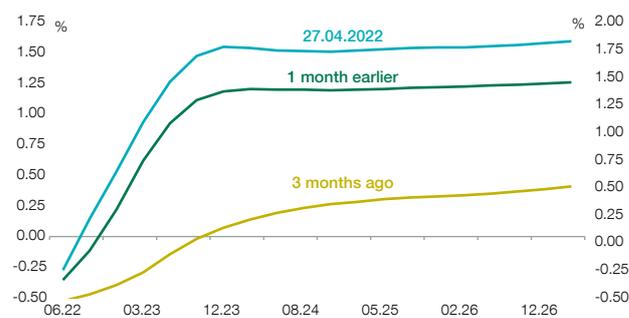
Moderate growth expected in 2022

GDP y/y %	2020	2021	2022
WORLD - MER	-3.5	5.6	3.0
<i>- on PPP basis*</i>	-2.9	5.8	3.3
USA	-3.4	5.7	3.0
Japan	-4.5	1.8	2.5
Eurozone	-6.4	5.3	2.0
United Kingdom	-9.3	7.2	3.8
Switzerland	-2.5	3.8	2.5
Brazil	-3.9	4.8	0.5
Russia	-2.7	4.7	-12.0
India	-8.2	8.5	7.0
China	2.2	8.1	5.0
Developed countries	-4.8	5.1	2.7
Emerging countries	-1.7	6.3	3.6

Source: UBP - Economic & Thematic Research
MER: market exchange rates; PPP: purchasing power parity

Aggressive ECB rate adjustment priced in money markets

Eurozone: expected ECB rate path using eurolibor futures



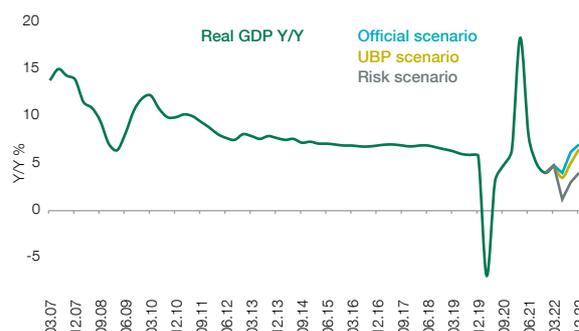
Sources: Bloomberg Finance L.P., UBP

CHINA: HEADWINDS MOUNT AMID EXTENDED LOCKDOWN AND LIMITED MONETARY SUPPORT

Extended lockdowns weigh on Q2 activity

- Shanghai has remained under lockdown since early April, but other cities have been impacted as well. The areas currently undergoing full or partial lockdowns account for almost 20% of China's GDP. Together with rising inflation, this will dampen Q2 economic activity.
- The main channel will be domestic consumption. Retail sales contracted -3.5% y/y in March for the first time since 2020. We expect to see an even sharper decline in April and May. Manufacturing activity will also be affected by labour shortages and disruptions to operations. Industrial production remained supported at 5.0% y/y in March but will cool over coming months. April's PMI figures declined to 47.4, the weakest reading since February 2020.

China GDP scenario

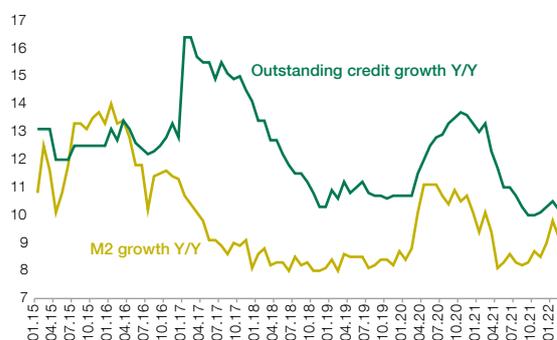


Sources: NBS, Bloomberg Finance L.P., UBP

PBOC has delayed its support post lockdown

- Although the central government has ramped up its rhetoric in the past few months, the People's Bank of China (PBOC) has not yet delivered resolute policy support. On April 20, the PBOC opted to keep its Loan Prime Rate (LPR) unchanged at 3.70% for a third consecutive month. This followed a modest 25 basis point (bp) cut to the Reserve Requirement Ratio (RRR).
- There are several factors that may be holding back the PBOC. Firstly, rising long-end US yields have eroded China's rate differential with the US, resulting in capital outflows. Moreover, trimming interest rates while lockdowns remain in place will do little to boost real activity. Lastly, stronger than expected GDP growth in Q1 (4.8% y/y) buys them time to evaluate policy options.
- The PBOC pledged to use an "arsenal" of tools in 2022. State banks have cut mortgage rates by 20-60 bp across more than 100 cities. Together with April's modest RRR cut, these measures nudged interbank rates lower. Going forward, we think that the PBOC will deploy monetary aggregates more aggressively. Moreover, we cannot exclude the possibility of a 10 bp cut in June and an additional 25-75 bp in RRR cuts.

China M2 and credit growth



Sources: PBOC, Bloomberg Finance L.P., UBP

GDP target of 5.5% will be hard to achieve

- The weakest "quarter" of growth has shifted from January-March to March-May. We have therefore downgraded our growth projections for Q2 3.5% y/y (consensus: 4.6%). Under our baseline scenario, the government will miss its growth target in 2022, but 5.0% could still be achieved in case we see a stabilisation around 5.5% y/y in H2, led by pent-up demand.

China interest rate corridor

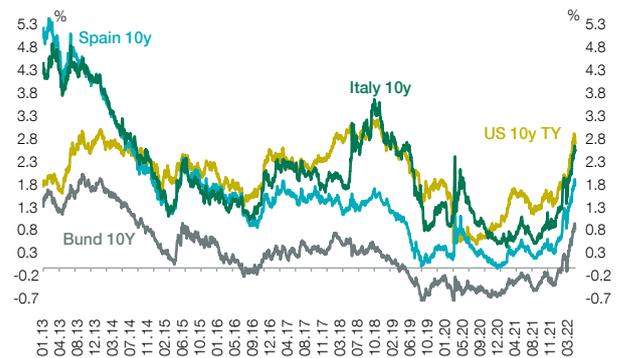


Sources: PBOC, Bloomberg Finance L.P., UBP

PREFERENCE FOR ALTERNATIVE STRATEGIES

- The sell-off in bonds continued fuelled by more hawkish rhetoric from central banks, a strong US labour market, and remaining upside risks on inflation. Bond markets are now expecting a tighter Fed policy, with several 50 bp adjustments in rates at the next FOMC meetings; the decrease of its balance sheet, ending reinvestment in Treasuries (USD 60 bn) and in MBS (USD 35 bn), could also add pressure.
- A more hawkish ECB's communication prompted expectations of an early lift-off in rates and the ECB will be obliged to revise up its inflation scenario. In addition, the ECB's asset purchases (APP) and liquidity injections via most accommodative TLTROs conditions should end in June, putting additional pressure on market liquidity.
- Upside pressures remained on long bond yields. After the increase from 2% to close to 3% over past months, US 10y yields could evolve in a 3%-3.5% range in the next quarters underpinned by aggressive Fed tightening, unanchored inflation expectations and renewed pressures from Treasury refinancing at a time the Fed reduces its purchases.
- European yields also face upside pressures given the agenda on key rates suggested by the ECB's communications. German inflation expectations have reached new highs, suggesting pressure on ECB to act sooner than later, while European budget policy should support economic activity as it contends with the energy shock and the impact of the Russia-Ukraine conflict.
- Higher volatility on bond yields has been fuelled recently by extended lockdowns in China, risks of energy shortage in Europe, Fed policy, and a few disappointments in earnings. Renewed recession risks have driven a temporary pause mid-month on the rising yields trajectory. In such an environment, bond allocation remains underweight on government bonds with still short duration positioning.
- Credit spreads have narrowed in the US, after initial widening at the beginning of the conflict, underpinned by still improving ratings in the Investment grade segment, which remains our preferred position. But more volatility is expected in global credit spreads with concerns on growth and inflation and a cautious strategy remains in place with focus on credit quality. Preference still exists for hedge funds strategies within the fixed income allocation.

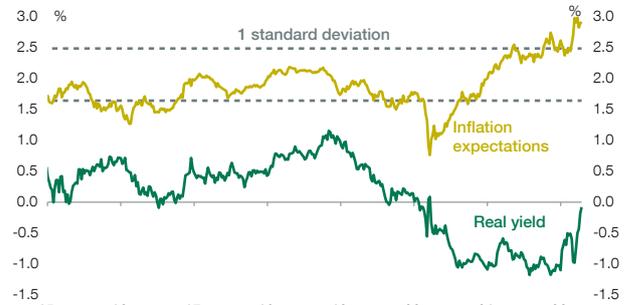
US and European government bond yields on sharp rise
Government bond yields



Sources: Bloomberg Finance L.P., UBP

US inflation expectations have increased further, driving real yields based on TIPS higher

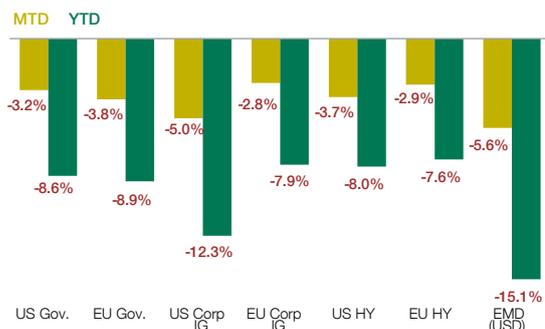
US inflation expectations and real yield (based on 10-year TIPS)



Sources: Bloomberg Finance L.P., UBP

Nowhere to hide across all fixed income segments

Fixed income performance



Performance is as end of April 2022
Sources: Refinitiv, UBP

VALUATION AND EARNINGS RISKS WARRANT A CAUTIOUS STANCE

- With concerns over global growth continuing to gather pace and growing fears that central banks will be unable to achieve a soft landing, equity markets remained under pressure over the last few weeks.
- Most companies once again announced Q1 earnings above consensus expectations. Lots of them sounded more cautious than at the start of the year given the rise in uncertainties, notably related to the lockdowns in China and the potential impacts of the war in Ukraine.
- As a result, fewer companies in Europe have upgraded their guidance than before, but the percentage of companies being negative on guidance remains low and most of them kept it unchanged.
- Energy cost inflation has become a concern for a larger subset of firms, but other issues related to higher labour and raw material costs appeared broadly stable versus the previous quarter. Overall, most companies were optimistic about maintaining high level of margins.
- Following the first half of the reporting season, EPS growth estimates remained roughly unchanged. In the US, earnings growth estimates for the current quarter (Q2) have stayed flat at around 6-7% (vs 5% at the start of the year), and at 9% and 10% respectively for 2022 and 2023.
- In Europe, the forecast growth rate for Q2 even rose 5pp to 14% over the past month thanks to the commodity-related sectors. The consensus expects earnings to grow by 11% this year.
- Given the elevated risk of a sharp downturn in economic activity following the conflict and the sharp rise in energy costs, particularly in Europe, current earnings estimates could well be revised downwards in the coming months.
- We are therefore cautious on equities, especially as current valuations do not price in a potential recessionary scenario in Europe. In the US, a further increase in bond yields is also likely to weigh on valuation multiples.
- In this context, we want to focus on companies with strong balance sheets, which offer high visibility on earnings and solid dividend yields.
- Moreover, we retain our asymmetric strategies that we had implemented via options and structured products in portfolios.

Better-than-expected Q1 earnings, but no upward revisions for Q2

S&P 500 - consensus EPS growth (y/y, %)

Sectors	Q4 21	Q1 22	Q2 22	Q3 22	2022	2023
Consumer discretionary	53	-8	15	42	17	24
Consumer staples	7	7	0	3	4	9
Energy	11303	254	163	65	86	-10
Financials	9	-19	-18	-4	-10	14
Healthcare	27	14	6	5	7	0
Industrials	42	38	31	33	37	19
Materials	65	43	17	11	16	-5
Real estate	20	24	2	11	11	7
Technology	24	13	4	8	9	13
Communication services	19	-4	-11	-1	-4	16
Utilities	1	9	-12	-8	2	8
S&P 500	32	10	6	11	9	10

Sources: Refinitiv, UBP

European equities are still far from pricing in recession risks

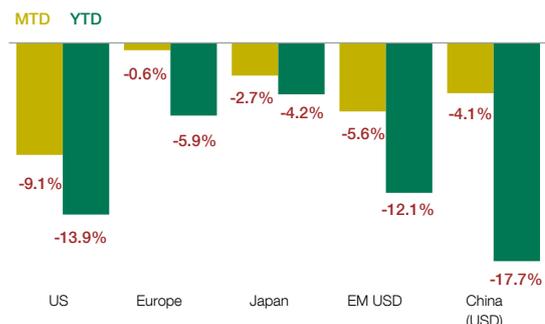
MSCI Europe: 12-month forward PER



Sources: Refinitiv, UBP

Sharp sell-off across all markets led by US markets

Equities' performance



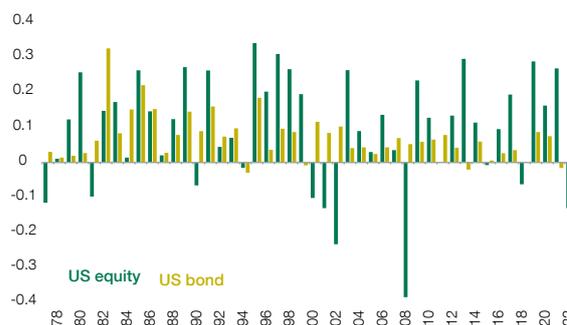
Performance is as end of March 2022
Sources: Refinitiv, UBP

RISK MANAGEMENT IS PARAMOUNT IN MARKETS WITH LOW VISIBILITY

- Market conditions continued to deteriorate after the short-lived rebound in March. China's "Covid-0" policy added another layer of downside risk in addition to the prolonged Russia-Ukraine war. Inflation seems to stay higher for longer as supply chain bottlenecks as well as the energy and food shock worsen.
- Against this backdrop, central banks are increasingly aggressive at a time when the global economy is already slowing from the initial recovery phase after the pandemic. Markets are increasingly worried by a recession triggered by a policy error.
- In this context, the visibility is very low and uncertainties are growing. Risk management again becomes the key looking ahead. High inflation combined with lower growth poses downside risks to both fixed income and equity investment.
- As a result, we stay sheltered in alternative strategies such as credit arbitrage, CTA and global macro as fixed income alternatives and long-short strategy for equity alternatives.
- With increasing equity volatility and drawdowns, a proactive and dynamic risk management approach remains key. We are actively managing our tail risk protection through put options.
- In the fixed income space, we stay in short duration and capital protected structured products.
- In the equity space, we exited our high growth holdings that are more at risk in an environment of rising interest rates. We also exited our China exposure amid increasing uncertainties related to renewed Covid lockdowns. We stay focused on high-quality companies with high visibility in earnings despite recent underperformance.
- We keep some oil related exposure through a structured product offering 150% upside on WTI with partial protection on the downside. The exposure provides us with some hedging in case of a prolonged commodity shock.
- We also added USD across all portfolios as a hedge against recession risk. The US economy is the most resilient among developed markets and usually outperforms in cases of a sharp market sell-off.

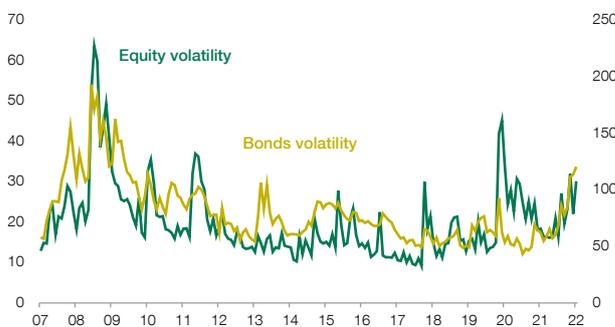
Since 1977, we have never experienced both bonds and equities losing more than 10% since the start of the year

US equity and bond performance
1977- YTD 2022 (05/05/2022)



Sources: Refinitiv, UBP

Elevated volatility both in equity and bonds markets



Sources: Refinitiv, UBP

Quality should prevail in a slowing economy

MSCI US Quality vs ISM



Sources: Refinitiv, UBP

Disclaimer

This document is a marketing communication containing GENERAL INFORMATION on financial services reflecting the sole opinion of Union Bancaire Privée, UBP SA and/or any entity of the UBP Group (hereinafter "UBP") as of the date of issue. It is not and does not purport to be considered as an offer nor a solicitation to enter into any transaction with UBP, buy, subscribe to, or sell any currency, product, or financial instrument, make any investment, or participate in any particular trading strategy in any jurisdiction where such an offer or solicitation would not be authorised, or to any person to whom it would be unlawful to make such an offer or solicitation. This document is meant only to provide a broad overview for discussion purposes, in order to determine clients' interest. It does not replace a prospectus, KID, KIID or any other legal document relating to any specific financial instrument, which may be obtained upon request free of charge from UBP or from the registered office of the issuer of the instrument concerned, where applicable. The opinions herein do not take into account individual clients' circumstances, objectives, or needs.

UBP performs analysis on the financial instruments based on market offer and may maintain and/or seek to develop business affiliations with third parties for that purpose; furthermore, UBP may create its own financial instruments. This generic information is therefore not independent from the proprietary interests of UBP or connected parties, which may conflict with the client's interests. UBP has policies governing cases of conflicts of interest and takes appropriate organisational measures to prevent potential conflicts of interest.

The information contained in this document is the result neither of financial analysis within the meaning of the Swiss Banking Association's "Directives on the Independence of Financial Research" nor of independent investment research as per the EU's regulation on MiFID provisions. EU regulation does not govern relationships entered into with UBP entities located outside the EU.

When providing investment advice or portfolio management services, UBP considers and assesses all relevant financial risks, including sustainability risks. Sustainability risks are defined by the EU's Sustainable Finance Disclosure Regulation (2019/2088) as "an environmental, social or governance event or condition that, if it occurs, could cause a negative material impact on the value of the investment". For further information on our sustainability risk management approach please visit www.ubp.com.

Reasonable efforts have been made to ensure that the content of this document is based on objective information and data obtained from reliable sources. However, UBP cannot guarantee that the information contained herein and gathered by the Bank in good faith is accurate and complete, nor does it accept any liability for any loss or damage resulting from its use. Circumstances may change and affect the data collected and the opinions expressed at the time of publication. Therefore, information contained herein is subject to change at any time without prior notice. UBP makes no representations, provides no warranty and gives no undertaking, express or implied, regarding any of the information, projections or opinions contained herein nor does it accept any liability whatsoever for any errors, omissions or misstatements in the document. UBP does not undertake to update this document or to correct any inaccuracies which may have become apparent after its publication.

This document may refer to past performance which is not a guide to current or future results. All statements in this document, other than statements of past performance and historical fact, are "forward-looking statements". Forward-looking statements do not guarantee future performances.

The tax treatment of any investment depends on the client's individual circumstances and may be subject to change in the future. This document does not contain any tax advice issued by UBP and does not reflect the client's individual circumstances.

This document is confidential and is intended to be used only by the person to whom it was delivered. This document may not be reproduced, either in whole or in part. UBP specifically prohibits the redistribution of this document, in whole or in part, without its written permission and accepts no liability whatsoever for the actions of third parties in this respect. This document is not intended for distribution in the US and/or to US Persons or in jurisdictions where its distribution by UBP would be restricted.

Switzerland: UBP is authorised and regulated in Switzerland by the Swiss Financial Market Supervisory Authority (FINMA).

UK: UBP is authorised in the United Kingdom by the Prudential Regulation Authority, and is subject to regulation by the Financial Conduct Authority (FCA) and limited regulation by the Prudential Regulation Authority.

Dubai: This marketing material has been communicated by Union Bancaire Privée (Middle East) Limited, a company regulated by the Dubai Financial Services Authority ("DFSA"). It is intended for professional clients and/or market counterparties only and no other person should act upon it. The financial products or services to which this material relates will only be made available to a client who meets the professional client and/or market counterparty requirements. This information is provided for information purposes only. It is not to be construed as an offer to buy or sell, or a solicitation for an offer to buy or sell any financial instruments, or to participate in any particular trading strategy in any jurisdiction.

Hong Kong: UBP is a licensed bank regulated by the Hong Kong Monetary Authority (HKMA) and a registered institution regulated by the Securities and Futures Commission (SFC) for Type 1, 4 & 9 activities only in Hong Kong. The securities may only be offered or sold in Hong Kong by means of documents that (i) are addressed to "professional investors" within the meaning of the Securities and Futures Ordinance (Chapter 571 of the Laws of Hong Kong) and any rules made thereunder (the "SFO"); or (ii) are defined as "prospectuses" within the meaning of the Companies Ordinance (Chapter 32 of the Laws of Hong Kong) (the "CO") or constitute offers to the public within the meaning of the CO. Unless permitted to do so under the laws of Hong Kong, no person may issue or have in their possession for the purpose of issuing, whether in Hong Kong or elsewhere, any advertisement, invitation or document relating to the securities, directed at, or likely to be accessed or read by, the public in Hong Kong, except where the securities are intended to be disposed of only to persons outside Hong Kong, or only to "professional investors" within the meaning of the SFO.

Singapore: UBP is a bank regulated by the Monetary Authority of Singapore (MAS), is an exempt financial adviser under the Financial Advisers Act 2001 of Singapore to provide certain financial advisory services, and is exempt under section 99(1) of the Securities and Futures Act 2001 of Singapore to conduct certain regulated activities. This document has not been registered as a prospectus with the MAS. Accordingly, this document and any other document or material in connection with generic recommendations may not be circulated or distributed, whether directly or indirectly, to persons in Singapore other than (i) to institutional investors under Section 274 of the Securities and Futures Act 2001 of Singapore ("SFA"), (ii) to relevant persons pursuant to Section 275(1), or any person pursuant to Section 275(1A) of the SFA, and in accordance with the conditions specified in Section 275 of the SFA, or (iii) otherwise pursuant to, and in accordance with the conditions of, any other applicable provision of the SFA. This advertisement has not been reviewed by the Monetary Authority of Singapore.

Luxembourg: UBP is registered by the Luxembourg supervisory authority the *Commission de Surveillance du Secteur Financier* (CSSF).

Italy: Union Bancaire Privée (Europe) S.A., Succursale di Milano, operates in Italy in accordance with the European passport – held by its parent company, Union Bancaire Privée (Europe) S.A. – which is valid across the entire European Union. The branch is therefore authorised to provide services and conduct business for which its parent company, Union Bancaire Privée (Europe) S.A., has been authorised in Luxembourg, where it is regulated by the Luxembourg financial supervisory authority, the *Commission de Surveillance du Secteur Financier* (CSSF).

Monaco: This document is not intended to constitute a public offering or a comparable solicitation under the Principality of Monaco's laws, but might be made available for information purposes to clients of Union Bancaire Privée, UBP SA, Monaco Branch, a regulated bank under the supervision of the *Autorité de Contrôle Prudentiel et de Résolution* (ACPR) for banking activities and under the supervision of the *Commission de Contrôle des Activités Financières* for financial activities.

© UBP SA 2022. All rights reserved.