

UBS to take over Credit Suisse

Immediate concerns alleviated, new concerns arise

IN A NUTSHELL

- The Swiss authorities have brokered a deal that should take Credit Suisse out of markets' line of fire for now
 - Investors are likely to struggle however with the way bond holders (AT1) were treated. The cost of capital for this sector is likely to increase, especially as we still don't believe major central banks will cut rates this year.
 - On a longer-term horizon we remain confident that current events could help to get inflation under control, while creating short-term volatilities.
-

UBS-CS merger arranged by authorities

With generous support from the Swiss National Bank (SNB) and under its guidance and that of the financial regulator, Finma, UBS announced on Sunday that it was taking over Credit Suisse. It will pay CHF 3bn or CHF 0.76 per share compared to Friday's closing price of CHF 1.86. The government will cover the first CHF 9bn of losses and SNB will provide up to CHF 100bn in liquidity. Potentially the biggest shock to markets may be the fact that CHF 16bn worth of AT1 bonds will be completely wiped out. Also on Sunday, the Federal Reserve (Fed) said that it would increase the frequency of its swap auctions from weekly to daily in order to alleviate global dollar funding concerns.

Assuming that we are spared a full-blown crisis, there is a good chance that in a year's time we will look back and find that these and other developments in March 2023 were healthy. A few weak players will have gone out of business, the risk of runaway inflation would have been averted, and the economic damage from the inflation battle would have been contained. And that, in turn, could make for a solid start to a healthy new economic cycle. But this remains, for now, a nervous period for the markets.

Short-term gain, long-term pain, nervous markets

The immediate market reactions to the weekend's actions have been mixed. The yen strengthened further, European equities were down in early-morning Monday trading by 2% and 2-year Bund yields fell by over 20 basis points. We believe that relief over the immediate handling of the most urgent concerns has been overshadowed by the handling of the AT1 bonds. Wiping these out while shareholders still receive something will make many banks and investors re-evaluate this asset class. However, markets recovered somewhat in the course of the day, with equities turning positive and sovereign yields reversing most of their initial losses. European corporate bond spreads were still wider in the afternoon, however. Commodity markets might suggest that investors have grown more nervous about a recession as Brent crude has lost USD 17 per barrel from its peak two weeks ago, touching USD 70 per barrel this morning. Gold, seen as a safe haven, briefly surpassed USD 2000 per ounce.

We will keep comparisons to 2007/08 to a minimum. We are dealing, at least till now, with mark-to-market losses, while in 2007/08 the underlying assets were seriously impaired. In this cycle, inflation has soared and central banks have raised interest rates at a pace not seen in decades, causing heavy price losses on fixed-income investments. In our opinion, the big difference to 2008 is that high quality fixed-income investments, in sharp contrast to the financial crisis, are likely to be repaid at 100% at maturity. Anyone who has bought such securities with the intention of holding them until maturity should face no problems in this regard and should be spared from any write downs (when accounted for as “held-to-maturity”).

At the same time, however, there are also similarities to 2007/08: in particular, the urgent need to find a solution once a major financial institution’s health is questioned by the markets, and the speed at which things have unraveled within a couple of days. As we have outlined in previous views, however, we believe that both the financial institutions and the regulation have changed fundamentally compared to 2008. We would argue that U.S. financial regulation in certain areas has some catch up potential compared to European regulation. But in our opinion, in both continents there is no guarantee that a new set of problems will not occur, giving regulators and market participants unexpected issues to resolve.

Market and policy implications

The tightening of financial conditions that is currently underway is exactly what central banks were aiming for in order to slow down the economy and bring inflation rates back to more reasonable levels. Pain is inevitable. In our view, UBS’s agreement to buy Credit Suisse on Sunday night has been a good outcome for global financial markets, although breaking with market conventions by ranking shareholders above AT1 bond holders will create some lasting confusion among investors (ECB and BoE were quick to point out that they still see all bonds as senior to equity¹). It might therefore take time before markets feel that confidence in the European banking system has been fully restored. The coordinated action by global central banks to improve access to dollar liquidity shows that financial conditions have tightened significantly across the globe and decisive action is needed to avoid contagion from the banking sector into other areas of the economy. The next thing we’re watching closely now is the further development of lending - the oxygen of the economy. For now, we do not see a need to change our global GDP forecasts for this year (Eurozone 0.8%, USA 0.7%). But we certainly see downward risks should lending activity deteriorate more than we currently anticipate.

Asset-class implications

Fixed income and currencies

Sovereign yields fell substantially this month, despite the ECB’s rather hawkish meeting last week. All eyes will now be on the Fed’s statement on Wednesday. We still believe the Fed will hike by 25 basis points. We don’t believe it will make major adjustments to its economic forecasts; it will stress that it stands ready to implement necessary measures in case of market stress. It is far too early to adjust our 12-month Treasury and Bund forecasts, as everything will now depend on how quickly financial conditions tighten, how long the tightening lasts, and the degree to which inflation and labor market pressures are alleviated. Once the CS problem has been dealt with, we will be more confident about European Investment Grade bonds, whose spreads have shown some of the fiercest short-term widening in their history in the past week.

We think, for currencies “risk on and risk off” is currently the main driver. However, the USD wasn’t able to profit from safe-haven demand due to the sharp correction in rate hike expectations in the US. The JPY is currently functioning as an anti-USD safe-haven currency. Volatility in the currency market is remaining remarkably low and there is so far no strong evidence of rising USD funding costs for foreign investors. The newly announced dollar liquidity measures at the weekend will further

¹ Furthermore, in Europe, no other banks besides Credit Suisse and UBS have provisions that would allow for the full writedown of AT1s, while maintaining some value for equity investors. A Swiss exception.

This information is subject to change at any time, based upon economic, market and other considerations and should not be construed as a recommendation. Past performance is not indicative of future returns. Forecasts are not a reliable indicator of future performance. Forecasts are based on assumptions, estimates, opinions and hypothetical models that may prove to be incorrect. Alternative investments may be speculative and involve significant risks including illiquidity, heightened potential for loss and lack of transparency. Alternatives are not suitable for all clients. Source: DWS Investment GmbH.

ease the concerns. Current interest rate differentials and the stress in the US banking sector point to a lower USD, but stabilization of risk sentiment is necessary to remove the risk premia in the market and bring currencies more into line with interest rate differentials. Depending on how the market interprets the deal, the Swiss Franc could come under pressure. So far CHF has been pretty stable and has lost only about 1% vs the Euro. We expect the market to be relatively quiet as risk appetite is low.

Equities

In equity markets, however, we believe that volatility is likely to remain elevated until confidence in the financial system is fully restored. Some scars will persist. The immediate market turmoil has various effects on equities. On the negative side we will most likely have to deal with higher funding costs for banks that they will pass on to their customers. Markets' growth expectations for revenues and profits have certainly deteriorated. Furthermore, support from corporates themselves through stock buy-backs might take a hit. At the same time lower interest yields are beneficial for equities, which was one of the reasons why tech stocks have shown relative strength over the past days.

We expect sectors dependent on regular refinancing activities to be the focus of investors now. We would continue to avoid companies with weak balance sheets. In this environment it seems that European financials might have an advantage over their U.S. peers. The three most urgent problems we see in the U.S. are: 1. The lack of regulation (also concerning liquidity rules) for "small" institutions with assets of below USD 250bn. 2. The mismatch between funding and lending margins that the Fed is unlikely to ease with lower interest rates given the inflation outlook. And finally, 3., little potential for market consolidation as the four biggest institutions are barred from substantial takeovers, and smaller institutions have yet to digest recent acquisitions or are having to deal with other issues. A revealing comparison is that the European bank index has lost almost 20% month-to-date but is only down 1.6% year to date. The equivalent figures for the U.S. are -13% MTD and -15% YTD.

Glossary

Additional Tier 1 bonds, or AT1s for short, are part of a family of bank capital securities. They are bonds issued by banks that contribute to the total level of capital they are required to hold by regulators.

The **Bank of Japan (BoJ)** is the central bank of Japan.

One **basis point** equals 1/100 of a percentage point.

Bunds is a commonly used term for bonds issued by the German federal government with a maturity of 10 years.

The **European Central Bank (ECB)** is the central bank for the Eurozone.

The **Eurozone** is formed of 19 European Union member states that have adopted the euro as their common currency and sole legal tender.

The **gross domestic product (GDP)** is the monetary value of all the finished goods and services produced within a country's borders in a specific time period.

Inflation is the rate at which the general level of prices for goods and services is rising and, subsequently, purchasing power is falling.

Investment grade (IG) refers to a credit rating from a rating agency that indicates that a bond has a relatively low risk of default.

The **Japanese yen (JPY)** is the official currency of Japan.

The final payment date of a financial instrument is its **maturity**.

A **safe-haven investment** is an investment that is expected to retain or even increase its value in times of market turbulence.

A **share buyback** involves a company buying back its own shares.

Sovereign bonds are bonds issued by governments.

The **spread** is the difference between the quoted rates of return on two different investments, usually of different credit quality.

A **swap**, a type of derivative, is an agreement between two parties to exchange sequences of cash flows for a set period of time.

The **Swiss National Bank (SNB)** is the Swiss central bank.

The **U.S. Federal Reserve**, often referred to as "**the Fed**," is the central bank of the United States.

Volatility is the degree of variation of a trading-price series over time. It can be used as a measure of an asset's risk.

Important information – EMEA, APAC & LATAM

DWS is the brand name of DWS Group GmbH & Co. KGaA and its subsidiaries under which they do business. The DWS legal entities offering products or services are specified in the relevant documentation. DWS, through DWS Group GmbH & Co. KGaA, its affiliated companies and its officers and employees (collectively "DWS") are communicating this document in good faith and on the following basis.

This document is for information/discussion purposes only and does not constitute an offer, recommendation or solicitation to conclude a transaction and should not be treated as investment advice.

This document is intended to be a marketing communication, not a financial analysis. Accordingly, it may not comply with legal obligations requiring the impartiality of financial analysis or prohibiting trading prior to the publication of a financial analysis.

This document contains forward looking statements. Forward looking statements include, but are not limited to assumptions, estimates, projections, opinions, models and hypothetical performance analysis. No representation or warranty is made by DWS as to the reasonableness or completeness of such forward looking statements. Past performance is no guarantee of future results.

The information contained in this document is obtained from sources believed to be reliable. DWS does not guarantee the accuracy, completeness or fairness of such information. All third party data is copyrighted by and proprietary to the provider. DWS has no obligation to update, modify or amend this document or to otherwise notify the recipient in the event that any matter stated herein, or any opinion, projection, forecast or estimate set forth herein, changes or subsequently becomes inaccurate.

Investments are subject to various risks. Detailed information on risks is contained in the relevant offering documents.

No liability for any error or omission is accepted by DWS. Opinions and estimates may be changed without notice and involve a number of assumptions which may not prove valid. DWS does not give taxation or legal advice.

This document may not be reproduced or circulated without DWS's written authority.

This document is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, including the United States, where such distribution, publication, availability or use would be contrary to law or regulation or which would subject DWS to any registration or licensing requirement within such jurisdiction not currently met within such jurisdiction. Persons into whose possession this document may come are required to inform themselves of, and to observe, such restrictions.

For institutional / professional investors in Taiwan:

This document is distributed to professional investors only and not others. Investing involves risk. The value of an investment and the income from it will fluctuate and investors may not get back the principal invested. Past performance is not indicative of future performance. This is a marketing communication. It is for informational purposes only. This document does not constitute investment advice or a recommendation to buy, sell or hold any security and shall not be deemed an offer to sell or a solicitation of an offer to buy any security. The views and opinions expressed herein, which are subject to change without notice, are those of the issuer or its affiliated companies at the time of publication. Certain data used are derived from various sources believed to be reliable, but the accuracy or completeness of the data is not guaranteed and no liability is assumed for any direct or consequential losses arising from their use. The duplication, publication, extraction or transmission of the contents, irrespective of the form, is not permitted.

© 2023 DWS Investment GmbH

Issued in the UK by DWS Investments UK Limited which is authorised and regulated in the UK by the Financial Conduct Authority.

© 2023 DWS Investments UK Limited

In Hong Kong, this document is issued by DWS Investments Hong Kong Limited. The content of this document has not been reviewed by the Securities and Futures Commission.

© 2023 DWS Investments Hong Kong Limited

In Singapore, this document is issued by DWS Investments Singapore Limited. The content of this document has not been reviewed by the Monetary Authority of Singapore.

© 2023 DWS Investments Singapore Limited

In Australia, this document is issued by DWS Investments Australia Limited (ABN: 52 074 599 401) (AFSL 499640). The content of this document has not been reviewed by the Australian Securities and Investments Commission.

© 2023 DWS Investments Australia Limited

as of 3/20/23; 095128_1 (03/2023)

Important information – North America

The brand DWS represents DWS Group GmbH & Co. KGaA and any of its subsidiaries, such as DWS Distributors, Inc., which offers investment products, or DWS Investment Management Americas Inc. and RREEF America L.L.C., which offer advisory services.

This document has been prepared without consideration of the investment needs, objectives or financial circumstances of any investor. Before making an investment decision, investors need to consider, with or without the assistance of an investment adviser, whether the investments and strategies described or provided by DWS, are appropriate, in light of their particular investment needs, objectives and financial circumstances. Furthermore, this document is for information/discussion purposes only and does not and is not intended to constitute an offer, recommendation or solicitation to conclude a transaction or the basis for any contract to purchase or sell any security, or other instrument, or for DWS to enter into or arrange any type of transaction as a consequence of any information contained herein and should not be treated as giving investment advice. DWS, including its subsidiaries and affiliates, does not provide legal, tax or accounting advice. This communication was prepared solely in connection with the promotion or marketing, to the extent permitted by applicable law, of the transaction or matter addressed herein, and was not intended or written to be used, and cannot be relied upon, by any taxpayer for the purposes of avoiding any U.S. federal tax penalties. The recipient of this communication should seek advice from an independent tax advisor regarding any tax matters addressed herein based on its particular circumstances. Investments with DWS are not guaranteed, unless specified. Although information in this document has been obtained from sources believed to be reliable, we do not guarantee its accuracy, completeness or fairness, and it should not be relied upon as such. All opinions and estimates herein, including forecast returns, reflect our judgment on the date of this report, are subject to change without notice and involve a number of assumptions which may not prove valid.

Investments are subject to various risks, including market fluctuations, regulatory change, counterparty risk, possible delays in repayment and loss of income and principal invested. The value of investments can fall as well as rise and you may not recover the amount originally invested at any point in time. Furthermore, substantial fluctuations of the value of the investment are possible even over short periods of time. Further, investment in international markets can be affected by a host of factors, including political or social conditions, diplomatic relations, limitations or removal of funds or assets or imposition of (or change in) exchange control or tax regulations in such markets. Additionally, investments denominated in an alternative currency will be subject to currency risk, changes in exchange rates which may have an adverse effect on the value, price or income of the investment. This document does not identify all the risks (direct and indirect) or other considerations which might be material to you when entering into a transaction. The terms of an investment may be exclusively subject to the detailed provisions, including risk considerations, contained in the Offering Documents. When making an investment decision, you should rely on the final documentation relating to the investment and not the summary contained in this document.

This publication contains forward looking statements. Forward looking statements include, but are not limited to assumptions, estimates, projections, opinions, models and hypothetical performance analysis. The forward looking statements expressed constitute the author's judgment as of the date of this material. Forward looking statements involve significant elements of subjective judgments and analyses and changes thereto and/or consideration of different or additional factors could have a material impact on the results indicated. Therefore, actual results may vary, perhaps materially, from the results contained herein. No representation or warranty is made by DWS as to the reasonableness or completeness of such forward looking statements or to any other financial information contained herein. We assume no responsibility to advise the recipients of this document with regard to changes in our views.

No assurance can be given that any investment described herein would yield favorable investment results or that the investment objectives will be achieved. Any securities or financial instruments presented herein are not insured by the Federal Deposit Insurance Corporation ("FDIC") unless specifically noted, and are not guaranteed by or obligations of DWS or its affiliates. We or our affiliates or persons associated with us may act upon or use material in this report prior to publication. DB may engage in transactions in a manner inconsistent with the views discussed herein. Opinions expressed herein may differ from the opinions expressed by departments or other divisions or affiliates of DWS. This document may not be reproduced or circulated without our written authority. The manner of circulation and distribution of this document may be restricted by law or regulation in certain countries. This document is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, including the United

States, where such distribution, publication, availability or use would be contrary to law or regulation or which would subject DWS to any registration or licensing requirement within such jurisdiction not currently met within such jurisdiction. Persons into whose possession this document may come are required to inform themselves of, and to observe, such restrictions.

Past performance is no guarantee of future results; nothing contained herein shall constitute any representation or warranty as to future performance. Further information is available upon investor's request. All third party data (such as MSCI, S&P & Bloomberg) are copyrighted by and proprietary to the provider.

For Investors in Canada: No securities commission or similar authority in Canada has reviewed or in any way passed upon this document or the merits of the securities described herein and any representation to the contrary is an offence. This document is intended for discussion purposes only and does not create any legally binding obligations on the part of DWS Group. Without limitation, this document does not constitute an offer, an invitation to offer or a recommendation to enter into any transaction. When making an investment decision, you should rely solely on the final documentation relating to the transaction you are considering, and not the [document – may need to identify] contained herein. DWS Group is not acting as your financial adviser or in any other fiduciary capacity with respect to any transaction presented to you. Any transaction(s) or products(s) mentioned herein may not be appropriate for all investors and before entering into any transaction you should take steps to ensure that you fully understand such transaction(s) and have made an independent assessment of the appropriateness of the transaction(s) in the light of your own objectives and circumstances, including the possible risks and benefits of entering into such transaction. You should also consider seeking advice from your own advisers in making this assessment. If you decide to enter into a transaction with DWS Group you do so in reliance on your own judgment. The information contained in this document is based on material we believe to be reliable; however, we do not represent that it is accurate, current, complete, or error free. Assumptions, estimates and opinions contained in this document constitute our judgment as of the date of the document and are subject to change without notice. Any projections are based on a number of assumptions as to market conditions and there can be no guarantee that any projected results will be achieved. Past performance is not a guarantee of future results. The distribution of this document and availability of these products and services in certain jurisdictions may be restricted by law. You may not distribute this document, in whole or in part, without our express written permission.

For investors in Bermuda: This is not an offering of securities or interests in any product. Such securities may be offered or sold in Bermuda only in compliance with the provisions of the Investment Business Act of 2003 of Bermuda which regulates the sale of securities in Bermuda. Additionally, non-Bermudian persons (including companies) may not carry on or engage in any trade or business in Bermuda unless such persons are permitted to do so under applicable Bermuda legislation.

© 2023 DWS Investment GmbH, Mainzer Landstraße 11-17, 60329 Frankfurt am Main, Germany.
All rights reserved.

as of 3/20/23; 095129_1 (03/2023)