T. ROWE PRICE INSIGHTS

ON GLOBAL FIXED INCOME



What Is Next for the AT1 Bond Market?

Credit Suisse write-down does not spell the end of this market.

April 2023

KEY INSIGHTS

- With banks facing call dates in the coming months, we expect that AT1 issuance will return. When it does, this will be an important test of confidence in this market.
- Given the significant rise in rates this past year, there is a risk of bond extension by some issuers, however, underscoring the importance of detailed research on a name-by-name basis.
- There is potential for some future regulatory adjustments in Europe, but this is likely a number of years away.

he niche market for additional tier one (AT1) bonds was thrust into the spotlight in March when Swiss regulator Finma ordered the write-down to zero of Credit Suisse's AT1 bonds as part of the company's sale to UBS. This inflicted the largest loss in the history of AT1 bonds, which are a form of contingent convertible security (CoCo) that can be converted into equity if a bank falls below a certain capital limit or is deemed "not viable" by the regulator. The move was particularly controversial because equity holders received some compensation while AT1 bondholders were wiped out.

This decision to upend the traditional capital structure of bondholders ranking above shareholders left the AT1 market reeling and raised concerns that there might be permanent damage. Although it is still too early to say what the full

impact will be for AT1 bonds, we believe the market is still viable but faces important tests ahead.

New Issuance Will Likely Test Market Confidence

It should become clearer whether the market has suffered reputational damage when new issuance returns. According to T. Rowe Price estimates, there are more than EUR 10 billion worth of AT1 bonds with call dates over the remaining three quarters of 2023, and we expect some of these bonds to be called and reissued, particularly those of larger banks. The first few new deals will be closely watched to gauge both the level of demand and the pricing. It is certainly possible that because of Finma's action, AT1 bonds—already regarded as higher risk than other debtwill be considered even risker and that the cost of issuing may therefore rise.



Rob Thomas Credit Analyst



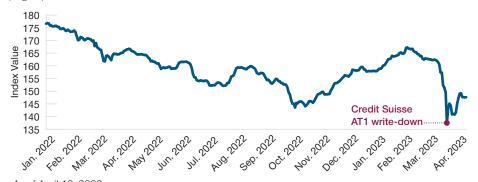
Bineesha Wickremarachchi Credit Analyst

It should become clearer whether the market has suffered reputational damage when new issuance returns.

— Bineesha Wickremarachchi Credit Analyst

CoCo Bonds Recover

(Fig. 1) Global Index of CoCo Bonds Performance since the start of 2022



As of April 10, 2023.

Past performance is not a reliable indicator of future performance.

Index = Bloomberg Global Contingent Capital Total Return Index Hedged USD. Source: Bloomberg Finance L.P.

Not all firms will look to refinance. Given the significant rise in rates this past year, we believe there is a risk of bond extension, whereby borrowers leave a callable security outstanding. For smaller banks in particular, this decision will come down to the economic cost: If it costs more to reissue than the coupon reset level of an AT1 bond when the call option expires, a bank may decide that it is not economical to redeem and therefore choose to extend the bond's maturity. Whether a bank decides to call or extend the maturity of their AT1 bonds will only be determined on a case-by-case basis, which is why it is important to undertake individual issuer and security analysis.

Some buyers have returned to the secondary market. In the immediate aftermath of Finma's decision, AT1 bonds initially saw sharp declines but have since recovered, albeit not quite to pre-crisis levels. The recovery came after European and UK authorities sought to reassure investors with statements that they would respect the capital structure hierarchy, with common equity instruments being the first ones to absorb losses. It should also be noted that Credit Suisse AT1 bonds were something of an outlier because there was a special provision given for a scenario where regulators

could write them down without wiping out equity. The legislation does not allow for that elsewhere, which helped remove the tail risk that AT1s could absorb losses first.

Regulation Spotlight

Recent developments have provided the first real test of the regulations implemented since the global financial crisis and, broadly speaking, they were shown to work: The Swiss authorities were largely successful in protecting financial stability and limiting contagion risk. As rules are different in the rest of Europe, it is unclear whether European regulators could have achieved the same feat because, under current legislation, a bank would need to be put into resolution before AT1 holders are wiped out. In such a scenario, we believe there is a potential risk of contagion to senior and other types of debt. Against this backdrop, we believe there is a possibility of regulatory adjustments in Europe in the future, although this is likely several years away.

It will probably be a while before the full impact of Finma's decision on the AT1 bond market becomes clear. New issuance is likely to provide a key test of confidence and give insight into how investors now value the

...we believe there is a possibility of regulatory adjustments in Europe in the future, although this is likely several years away.

Rob ThomasCredit Analyst

instrument, which we believe needs to be closer in line with the cost of equity. Until that returns, we are focused on the secondary market, where there is potentially attractive value in select high-quality AT1 bonds. Although prices have recovered, we still see room for further spread compression and believe that in-depth fundamental research can help filter the most attractive opportunities of this market.

INVEST WITH CONFIDENCESM

T. Rowe Price focuses on delivering investment management excellence that investors can rely on—now and over the long term.

T.RowePrice®

Important Information

This material is being furnished for general informational and/or marketing purposes only. The material does not constitute or undertake to give advice of any nature, including fiduciary investment advice, nor is it intended to serve as the primary basis for an investment decision. Prospective investors are recommended to seek independent legal, financial and tax advice before making any investment decision. T. Rowe Price group of companies including T. Rowe Price Associates, Inc. and/or its affiliates receive revenue from T. Rowe Price investment products and services. Past performance is not a reliable indicator of future performance. The value of an investment and any income from it can go down as well as up. Investors may get back less than the amount invested.

The material does not constitute a distribution, an offer, an invitation, a personal or general recommendation or solicitation to sell or buy any securities in any jurisdiction or to conduct any particular investment activity. The material has not been reviewed by any regulatory authority in any jurisdiction.

Information and opinions presented have been obtained or derived from sources believed to be reliable and current; however, we cannot guarantee the sources' accuracy or completeness. There is no guarantee that any forecasts made will come to pass. The views contained herein are as of the date written and are subject to change without notice; these views may differ from those of other T. Rowe Price group companies and/or associates. Under no circumstances should the material, in whole or in part, be copied or redistributed without consent from T. Rowe Price.

The material is not intended for use by persons in jurisdictions which prohibit or restrict the distribution of the material and in certain countries the material is provided upon specific request. It is not intended for distribution to retail investors in any jurisdiction.

DISCLOSURE CONTINUES ON THE FOLLOWING PAGE.

T.Rowe Price®

Important Information (cont.)

Australia—Issued by T. Rowe Price Australia Limited (ABN: 13 620 668 895 and AFSL: 503741), Level 28, Governor Phillip Tower, 1 Farrer Place, Sydney NSW 2000, Australia. For Wholesale Clients only.

Brunei—This material can only be delivered to certain specific institutional investors for informational purpose only. Any strategy and/or any products associated with the strategy discussed herein has not been authorised for distribution in Brunei. No distribution of this material to any member of the public in Brunei is permitted.

Canada—Issued in Canada by T. Rowe Price (Canada), Inc. T. Rowe Price (Canada), Inc.'s investment management services are only available to Accredited Investors as defined under National Instrument 45-106. T. Rowe Price (Canada), Inc. enters into written delegation agreements with affiliates to provide investment management services.

DIFC—Issued in the Dubai International Financial Centre by T. Rowe Price International Ltd which is regulated by the Dubai Financial Services Authority as a Representative Office. For Professional Clients only.

EEA—Unless indicated otherwise this material is issued and approved by T. Rowe Price (Luxembourg) Management S.à r.l. 35 Boulevard du Prince Henri L-1724 Luxembourg which is authorised and regulated by the Luxembourg Commission de Surveillance du Secteur Financier. For Professional Clients only.

Hong Kong—Issued in Hong Kong by T. Rowe Price Hong Kong Limited, 6/F, Chater House, 8 Connaught Road Central, Hong Kong. T. Rowe Price Hong Kong Limited is licensed and regulated by the Securities & Futures Commission. For Professional Investors only.

Indonesia—This material is intended to be used only by the designated recipient to whom T. Rowe Price delivered; it is for institutional use only. Under no circumstances should the material, in whole or in part, be copied, redistributed or shared, in any medium, without prior written consent from T. Rowe Price. No distribution of this material to members of the public in any jurisdiction is permitted.

Korea—This material is intended only to Qualified Professional Investors. Not for further distribution.

Mainland China—This material is provided to qualified investors only. No invitation to offer, or offer for, or sale of, the shares will be made in the mainland of the People's Republic of China ("Mainland China", not including the Hong Kong or Macau Special Administrative Regions or Taiwan) or by any means that would be deemed public under the laws of the Mainland China. The information relating to the strategy contained in this material has not been submitted to or approved by the China Securities Regulatory Commission or any other relevant governmental authority in the Mainland China. The strategy and/or any product associated with the strategy may only be offered or sold to investors in the Mainland China that are expressly authorized under the laws and regulations of the Mainland China to buy and sell securities denominated in a currency other than the Renminbi (or RMB), which is the official currency of the Mainland China. Potential investors who are resident in the Mainland China are responsible for obtaining the required approvals from all relevant government authorities in the Mainland China, including, but not limited to, the State Administration of Foreign Exchange, before purchasing the shares. This document further does not constitute any securities or investment advice to citizens of the Mainland China, or nationals with permanent residence in the Mainland China, or to any corporation, partnership, or other entity incorporated or established in the Mainland China.

Malaysia—This material can only be delivered to specific institutional investor. This material is solely for institutional use and for informational purposes only. This material does not provide investment advice or an offering to make, or an inducement or attempted inducement of any person to enter into or to offer to enter into, an agreement for or with a view to acquiring, disposing of, subscribing for or underwriting securities. Nothing in this material shall be considered a making available of, solicitation to buy, an offering for subscription or purchase or an invitation to subscribe for or purchase any securities, or any other product or service, to any person in any jurisdiction where such offer, solicitation, purchase or sale would be unlawful under the laws of Malaysia.

New Zealand—Issued by T. Rowe Price Australia Limited (ABN: 13 620 668 895 and AFSL: 503741), Level 28, Governor Phillip Tower, 1 Farrer Place, Sydney NSW 2000, Australia. No Interests are offered to the public. Accordingly, the Interests may not, directly or indirectly, be offered, sold or delivered in New Zealand, nor may any offering document or advertisement in relation to any offer of the Interests be distributed in New Zealand, other than in circumstances where there is no contravention of the Financial Markets Conduct Act 2013.

Philippines—ANY STRATEGY AND/ OR ANY SECURITIES ASSOCIATED WITH THE STRATEGY BEING DISCUSSED HEREIN HAVE NOT BEEN REGISTERED WITH THE SECURITIES AND EXCHANGE COMMISSION UNDER THE SECURITIES REGULATION CODE. ANY FUTURE OFFER OR SALE OF THE STRATEGY AND/ OR ANY SECURITIES IS SUBJECT TO REGISTRATION REQUIREMENTS UNDER THE CODE, UNLESS SUCH OFFER OR SALE QUALIFIES AS AN

Singapore—Issued by T. Rowe Price Singapore Private Ltd. (UEN: 201021137E), 501 Orchard Rd, #10-02 Wheelock Place, Singapore 238880. T. Rowe Price Singapore Private Ltd. is licensed and regulated by the Monetary Authority of Singapore. For Institutional and Accredited Investors only.

South Africa—Issued in South Africa by T. Rowe Price International Ltd (TRPIL), 60 Queen Victoria Street, London, EC4N 4TZ, is an authorised financial services provider under the Financial Advisory and Intermediary Services Act, 2002 (Financial Services Provider (FSP) Licence Number 31935), authorised to provide "intermediary services" to South African Investors. TRPIL's Complaint Handling Procedures are available to clients upon request. The Financial Advisory and Intermediary Services Act Ombud in South Africa deals with complaints from clients against FSPs in relation to the specific services rendered by FSPs. The contact details are noted below: Telephone: +27 12 762 5000, Web: www.faisombud.co.za, Email: info@faisombud.co.za

Switzerland—Issued in Switzerland by T. Rowe Price (Switzerland) GmbH, Talstrasse 65, 6th Floor, 8001 Zurich, Switzerland. For Qualified Investors only.

Taiwan—This does not provide investment advice or recommendations. Nothing in this material shall be considered a solicitation to buy, or an offer to sell, a security, or any other product or service, to any person in the Republic of China.

Thailand—This material has not been and will not be filed with or approved by the Securities Exchange Commission of Thailand or any other regulatory authority in Thailand. The material is provided solely to "institutional investors" as defined under relevant Thailaws and regulations. No distribution of this material to any member of the public in Thailand is permitted. Nothing in this material shall be considered a provision of service, or a solicitation to buy, or an offer to sell, a security, or any other product or service, to any person where such provision, offer, solicitation, purchase or sale would be unlawful under relevant Thai laws and regulations.

UK—This material is issued and approved by T. Rowe Price International Ltd, 60 Queen Victoria Street, London, EC4N 4TZ which is authorised and regulated by the UK Financial Conduct Authority. For Professional Clients only.

USA—Issued in the USA by T. Rowe Price Associates, Inc., 100 East Pratt Street, Baltimore, MD, 21202, which is regulated by the U.S. Securities and Exchange Commission. For Institutional Investors only.

© 2023 T. Rowe Price. All Rights Reserved. T. ROWE PRICE, INVEST WITH CONFIDENCE, and the Bighorn Sheep design are, collectively and/or apart, trademarks of T. Rowe Price Group, Inc.