

### **CREDIT OPINION**

26 June 2024

### Update



#### RATINGS

### Bank Vontobel AG

Domicile	Zurich, Switzerland
Long Term CRR	A2
Туре	LT Counterparty Risk Rating - Fgn Curr
Outlook	Not Assigned
Long Term Debt	Not Assigned
Long Term Deposit	Aa3
Туре	LT Bank Deposits - Fgn Curr
Outlook	Negative

Please see the <u>ratings section</u> at the end of this report for more information. The ratings and outlook shown reflect information as of the publication date.

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## Bank Vontobel AG

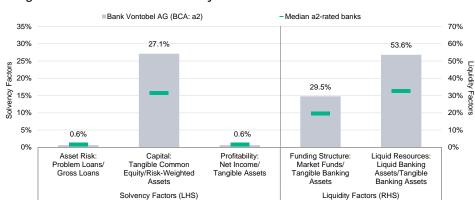
Update to credit analysis - Vontobel Holding signals tentative recovery of net new money trends

### **Summary**

Bank Vontobel AG's (Bank Vontobel) Aa3 deposit ratings and Vontobel Holding AG's (Vontobel Holding) A2 issuer ratings reflect the bank's a2 Baseline Credit Assessment (BCA) and Adjusted BCA and two notches of uplift from our Advanced Loss Given Failure (LGF) analysis for deposits, as well as no uplift for Vontobel Holding's issuer ratings. Bank Vontobel's and Vontobel Holding's ratings do not benefit from government support uplift because of their small size in the context of the Swiss banking sector. Bank Vontobel is the main operating entity of Vontobel Holding.

Bank Vontobel's a2 BCA reflects the bank's very high capitalisation, as well as its sound funding and liquidity profile, displaying a high proportion of customer deposits and liquid resources. The BCA also incorporates Bank Vontobel's limited credit risk, which is somewhat offset by its high exposure to market and operational risks. Our assessment further considers the high dependence of Bank Vontobel's and Vontobel Holding's revenue and earnings on capital market developments, adding to the risk management challenges of running a relatively large structured products franchise.

Exhibit 1
Rating Scorecard - Bank Vontobel AG - Key financial ratios



Source: Moody's Ratings

### **Credit strengths**

- » Diversified wealth and asset management franchise, complemented by retail-focused investment offerings
- » Very low credit risks from highly collateralised Lombard and mortgage lending books
- » Strong risk-weighted capitalisation for both Bank Vontobel and Vontobel Holding, providing substantial loss-absorption capacity

### **Credit challenges**

- » Managing and hedging of position and fair value risks arising from the issuance of structured products
- » Exposure to typical risks applicable to private banks, such as reputational, legal and operational risks, and market-driven fluctuations in assets under management (AUM)
- » Restoring good profitability, which is highly dependent on client trading activity and the level of managed client assets
- » Sustaining a highly liquid balance sheet and containing sizeable asset encumbrance associated with the issuance of structured products

### **Outlook**

» The negative outlook on the long-term bank deposit of Bank Vontobel and long-term issuer ratings of Vontobel Holding reflects our assessment that Vontobel Holding's recent lack of traction and performance in its asset management operations, which its new management team confronts, could weigh on the group's profitability and franchise strength over our 12 to 18 months outlook horizon.

### Factors that could lead to an upgrade

» An upgrade of Bank Vontobel's long-term deposit ratings and Vontobel Holding's long-term issuer ratings is currently unlikely, owing to the negative outlook.

### Factors that could lead to a downgrade

- » Bank Vontobel's long-term deposit ratings and Vontobel Holding's long-term issuer ratings could be downgraded in case of a downgrade of the bank's a2 BCA and Adjusted BCA or following a strong decline in the stock of loss-absorbing liabilities beyond our current expectations.
- » A BCA downgrade could result in case of a weakening of Bank Vontobel's financial profile or if the bank's BCA became capped at a lower level, owing to a weakening financial profile of Vontobel Holding.
- » Bank Vontobel's financial profile could weaken if the bank's solvency profile came under pressure, for instance if sector-specific private banking risks materialized, if the bank's profitability failed to recover sustainably, or if the bank's capitalization experienced a sustained and meaningful drop from current levels.
- » Moreover, failure to stabilize and re-attract net new money flows in the group's asset management operations or more meaningful adjustments to the group's medium-term strategy following recently announced management changes could lead to a weaker financial profile of the group, constraining the bank's Adjusted BCA.

This publication does not announce a credit rating action. For any credit ratings referenced in this publication, please see the issuer/deal page on https://ratings.moodys.com for the most updated credit rating action information and rating history.

### **Key indicators**

Exhibit 2
Bank Vontobel AG (Consolidated Financials) [1]

	12-23 <sup>2</sup>	12-22 <sup>2</sup>	12-21 <sup>2</sup>	12-20 <sup>2</sup>	12-19 <sup>2</sup>	CAGR/Avg. <sup>3</sup>
Total Assets (CHF Billion)	18.7	21.7	22.8	21.9	15.5	4.84
Total Assets (USD Billion)	22.2	23.4	24.9	24.8	16.0	8.5 <sup>4</sup>
Tangible Common Equity (CHF Billion)	1.2	1.2	1.3	1.2	1.1	2.5 <sup>4</sup>
Tangible Common Equity (USD Billion)	1.5	1.3	1.4	1.3	1.2	6.1 <sup>4</sup>
Problem Loans / Gross Loans (%)	0.6	0.7	0.5	0.5	0.5	0.5 <sup>5</sup>
Tangible Common Equity / Risk Weighted Assets (%)	27.1	26.5	25.6	20.3	24.2	24.7 <sup>6</sup>
Problem Loans / (Tangible Common Equity + Loan Loss Reserve) (%)	3.6	4.7	2.8	2.7	2.3	3.2 <sup>5</sup>
Net Interest Margin (%)	1.3	0.8	0.6	0.7	0.8	0.85
PPI / Average RWA (%)	5.4	1.2	3.8	2.5	2.0	3.0 <sup>6</sup>
Net Income / Tangible Assets (%)	1.0	0.1	0.7	0.5	0.5	0.65
Cost / Income Ratio (%)	75.1	93.5	78.9	83.2	87.9	83.7 <sup>5</sup>
Market Funds / Tangible Banking Assets (%)	29.5	25.7	21.6	20.9	17.1	23.0 <sup>5</sup>
Liquid Banking Assets / Tangible Banking Assets (%)	53.6	54.4	58.4	60.9	56.0	56.7 <sup>5</sup>
Gross Loans / Due to Customers (%)	70.0	61.7	50.2	46.6	51.4	56.0 <sup>5</sup>

<sup>[-]</sup> Further to the publication of our revised methodology in July 2021, only ratios from annual 2020 onwards included in this report reflect the change in analytical treatment of the "high-trigger" Additional Tier 1 instruments. [1] All figures and ratios are adjusted using Moody's standard adjustments. [2] Basel III - fully loaded or transitional phase-in; LOCAL GAAP. [3] May include rounding differences because of the scale of reported amounts. [4] Compound annual growth rate (%) based on the periods for the latest accounting regime. [5] Simple average of periods for the latest accounting regime. [6] Simple average of Basel III periods.

Sources: Moody's Ratings and company filings

Exhibit 3
Vontobel Holding AG (Consolidated Financials) [1]

	12-23 <sup>2</sup>	12-22 <sup>2</sup>	12-21 <sup>2</sup>	12-20 <sup>2</sup>	12-19 <sup>2</sup>	CAGR/Avg. <sup>3</sup>
Total Assets (CHF Billion)	28.3	29.3	31.1	30.5	25.8	2.34
Total Assets (USD Billion)	33.6	31.6	34.1	34.5	26.6	6.04
Tangible Common Equity (CHF Billion)	1.5	1.4	1.5	1.3	1.6	(2.6)4
Tangible Common Equity (USD Billion)	1.8	1.5	1.7	1.5	1.7	0.84
Problem Loans / Gross Loans (%)	0.7	0.8	0.5	0.5	0.5	0.65
Tangible Common Equity / Risk Weighted Assets (%)	22.6	22.3	23.2	17.8	23.3	21.8 <sup>6</sup>
Problem Loans / (Tangible Common Equity + Loan Loss Reserve) (%)	3.0	4.0	2.3	2.4	1.6	2.75
Net Interest Margin (%)	0.6	0.3	0.2	0.3	0.3	0.45
PPI / Average RWA (%)	4.2	4.4	6.7	4.8	4.7	4.9 <sup>6</sup>
Net Income / Tangible Assets (%)	1.0	0.2	1.6	0.9	1.5	1.0 <sup>5</sup>
Cost / Income Ratio (%)	79.2	77.8	69.0	73.1	73.9	74.6 <sup>5</sup>
Market Funds / Tangible Banking Assets (%)	51.6	43.3	42.7	41.7	47.1	45.3 <sup>5</sup>
Liquid Banking Assets / Tangible Banking Assets (%)	39.9	44.4	61.5	60.2	56.1	52.4 <sup>5</sup>
Gross Loans / Due to Customers (%)	63.8	56.6	48.2	43.7	48.3	52.1 <sup>5</sup>

<sup>[-]</sup> Further to the publication of our revised methodology in July 2021, only ratios from annual 2020 onwards included in this report reflect the change in analytical treatment of the "high-trigger" Additional Tier 1 instruments. [1] All figures and ratios are adjusted using Moody's standard adjustments. [2] Basel III - fully loaded or transitional phase-in; IFRS. [3] May include rounding differences because of the scale of reported amounts. [4] Compound annual growth rate (%) based on the periods for the latest accounting regime. [5] Simple average of periods for the latest accounting regime. [6] Simple average of Basel III periods.

Sources: Moody's Ratings and company filings

### **Profile**

Bank Vontobel AG, a Switzerland-based provider of wealth management services, is Vontobel Holding's main operating entity and accounted for around 64% of the group's consolidated assets as of December 2023.

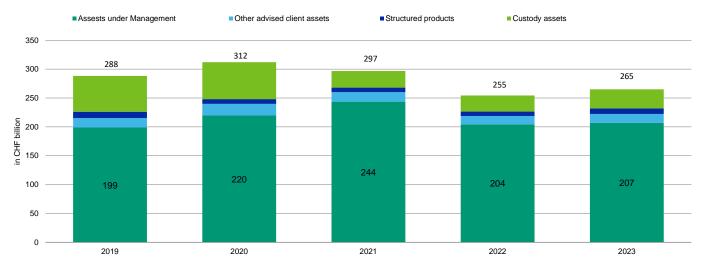
Vontobel Holding, which holds 100% of Bank Vontobel AG, is listed on the Swiss stock market, with the Vontobel family and associated parties (the core shareholder pool) holding 50.9% of voting rights. The earliest termination date for the shareholder pool agreement would be end 2026. Vontobel Holding operates out of 27 locations globally and consolidates asset management entities and its Dubai-based subsidiary Vontobel Financial Products Ltd., which issues structured products.

As of Q1 2024, Vontobel Holding rearranged its business division split and now reports separate results only for its Private Clients segment (wealth management services) and its Institutional Clients segment (asset management services). For Q1 2024, Vontobel Holding reported an estimated increase in the narrower assets under managements (AUM) to CHF223.7 billion, up from CHF206.8 billion as of year-end 2023, with Institutional and Private Clients accounting for approximately half each of AUM each.

As of year-end 2023, Bank Vontobel reported balance-sheet assets of CHF18.7 billion (December 2022: CHF21.7 billion), as well as CHF100.3 billion of AUM (2022: CHF94.2 billion), benefiting from net new money inflows of CHF4.3 billion (compared with CHF5.4 billion the previous year).

Exhibit 4

Weak markets as well as net new money outflows in its Asset Management unit have kept Vontobel Holding's 2023 total client assets below the year-end 2019 levels



Note: Assets under Management metrics include some double-counting of assets, primarily from shares in self-managed collective investment instruments as well as actively managed and tracker certificated in client portfolios

Source: Company reports

### Weighted Macro Profile of Strong (+)

Like for other Swiss private banks, Bank Vontobel's operating environment largely depends on the performance of the Swiss economy and its reputation as a trusted global private banking center, despite the group being exposed to various other global jurisdictions. Hence, the Weighted Macro Profile is aligned with the Strong (+) Macro Profile of Switzerland.

### **Detailed credit considerations**

# Low credit risks balanced by risk management challenges from hedging structured products, as well as typical market and operational risks applicable to all wealth managers

The a3 Asset Risk score for Bank Vontobel has been assigned four notches below its aa2 initial score, reflecting the considerable degree of reputational and operational risks inherent in wealth managers' business models.

This negative adjustment captures the bank's and the group's significant exposure to market risks as well as reputational, legal and operational risks inherent in the business model. Asset risks for wealth managers typically do not arise from their lending activities but from the entity's overall reputation and franchise. The management of third-party wealth focuses on the trustful relationship between clients and advisers, as well as the integrity and reliability of the domestic legal system and the wealth managers' technological infrastructure.

Our assessment also takes into account the risk management challenges of running a large structured product franchise, which requires a consistent hedging and constant rebalancing of financial assets, including derivatives, to help closely match — and ideally mirror — the payout profiles of issued structured products. This includes the booking and risk management of pledged financial securities by the Zurich-based bank that are to a large extent related to structured products legally issued out of Vontobel Financial Products Ltd., Dubai.

### Strong risk-weighted capitalisation mitigates asset risks

Bank Vontobel and Vontobel Holding display solid capitalisation metrics, which compare favourably with their peers, and strongly underpin our assessment of both entities' credit strength.

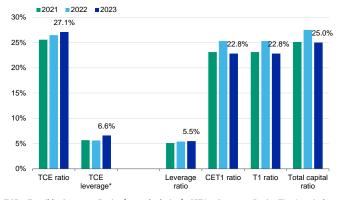
Bank Vontobel's aa2 Capital score is assigned one notch below its aa1 initial score, reflecting moderate earnings retention at the bank level and our expectation of rising loan growth, mainly as a result of increased Lombard lending balances owing to Vontobel Holding's efforts in deepening its relationships with its private banking clientele. Our capital assessment also takes into consideration Vontobel Holding's targets of maintaining its consolidated total capital ratio above 16.0% and a minimum consolidated Common Equity Tier 1 (CET1) capital ratio of 12.0%, even including the effects from potential acquisitions.

In 2023, Vontobel Holding replaced its CHF450 million Additional Tier 1 (AT1) capital instrument with two privately placed AT1 bonds of \$200 million each, the proceeds from which it downstreamed fully as CET1 capital to Bank Vontobel. The lower CHF-equivalent amount of the new issuance in 2023 was bridged by a CHF125.2 million extraordinary dividend in 2023, which was the main driver of Bank Vontobel's CET1 capital ratio decline to 22.8% as of December 2023 (from 25.3% in December 2022).

Exhibit 5

Bank Vontobel's capital ratios, grouped, Moody's view (left hand bar charts) versus regulatory view

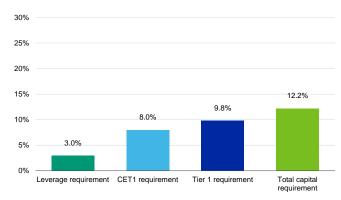
Data in percentage of RWA, except for leverage ratios



TCE = Tangible Common Equity (our calculation); CET1 = Common Equity Tier 1 capital. \*The TCE leverage ratio compares TCE to tangible banking assets.

Sources: Moody's Ratings and company reports

# Bank Vontobel comfortably exceeds its regulatory minimum requirements\* Data in percentage of RWA



\*Capital requirements for a Category 3 financial institution in Switzerland according to FINMA classification.

 $Sources: Moody's \ Ratings \ and \ company \ reports$ 

# Moderate profitability at the bank level to be restored when AUM growth returns; sound profitability at the group level reflects additional earnings from asset management

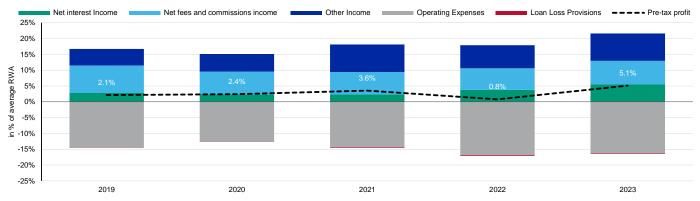
Bank Vontobel's assigned Profitability score is baa3, one notch below its initial score. The positioning of the score reflects our expectation that Bank Vontobel will generate annual net profit equivalent to around 50 bps of balance-sheet assets on average over the cycle, commensurate with the assigned score. Our assessment also captures the bank's and the group's generally high earnings dependence on developments of global capital markets.

Vontobel Holding's asset management activities add to the group's net income generation capacity while adding only a small amount of on-balance-sheet assets to the group's tangible assets. Accordingly, the group's net income / tangible assets ratio generally exceeds the bank's profitability. In our forward-looking analysis of Vontobel Holding's asset management operations, we also consider additional factors such as its pretax income margin, the stability of revenue growth and net new money trends.

Continued net new money outflows have presented a challenge for active asset managers in recent years, and only in Q1 2024, Vontobel Holding's asset management operations managed to stop a negative net new money generation trend that had emerged during the second half of 2021. As an active asset manager, Vontobel Holding constantly needs to demonstrate to investors its ability to achieve a fee-adjusted return that at least keeps up with the performance of the benchmark.

Bank Vontobel and Vontobel Holding generate revenue from the management and custody of their clients' wealth, as reflected by AUM. Wealth managers mainly generate fee and commission income from providing investment advice or performing trading activities on behalf of their customers. While providing a predictable and generally stable source of recurring income, both entities' profitability may be weakened by volatility in capital markets affecting AUM and related fee income, as well as foreign currencies because AUM (and client trades) are to a large extent denominated in US dollar, while operating expenses are largely booked in Swiss franc. Revenue that is highly correlated with the development of capital markets usually carries a higher element of variable costs, allowing the bank and the group to adjust personnel costs, in particular bonuses or performance-driven payments. Management has announced additional cost savings plans that will help the bank and group stabilise profits.

Exhibit 7
Improving net interest income was matched by stronger fee and trading income in 2023
Bank Vontobel revenue, expenses and pretax profit development, 2019-2023



Note: Operating expenses include personnel and administrative expenses, as well as depreciation and amortisation. Sources: Moody's Ratings and company reports

### Rising rates lead Bank Vontobel to complement its still ample sight deposit base with term deposits and market funding

Our assigned baa1 Funding Structure score for Bank Vontobel is one notch higher than the bank's baa2 initial score. The positive adjustment reflects our assessment that structured products, which are included in our market funding ratio, rather reflect clients' risk appetite and are, therefore, not directly comparable with more confidence-sensitive market funding.

Bank Vontobel's and Vontobel Holding's wealth management activities have generated sizeable deposit balances, predominantly denominated in Swiss franc, Euro and US dollar, which have started to be partly converted into higher-yielding products such as medium-term notes, term deposits as well as fiduciary deposits at third party banks. By year-end 2023, higher remunerated term deposits accounted for about a quarter of the bank's deposit balances, mostly with maturities up to three months. We expect this shift

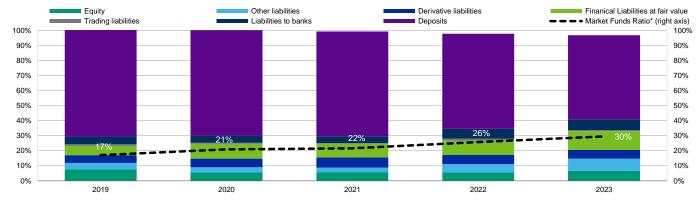
to be sustained in the current higher interest-rate environment. Because most deposits can in principle be called at very short notice, wealth managers must protect themselves against unexpected and potentially sizeable outflows, which drives the need for holding sizeable unencumbered liquid asset buffers.

In light of globally higher interest rates, customers further reduced deposit balances at Bank Vontobel in 2023 to CHF10.4 billion (December 2022: CHF13.7 billion, down from CHF15.9 billion in December 2021). As a result, Bank Vontobel's unadjusted market funding ratio increased and, while still at a low level, its loan-to-deposit ratio rose to 70.0% from 61.4% (2021: 50.0%) by December 2022.

Exhibit 8

Bank Vontobel's moderate market funding reliance is well balanced by ample client deposits

Data in percentage of tangible banking assets



\*Market funding ratio = Market funds/tangible banking assets. Sources: Moody's Ratings and company reports

### Solid liquidity supports Bank Vontobel's credit strength

We assign an a1 Liquid Resources score to Bank Vontobel, which is two notches below the initial score. The a1 score reflects the bank's maintenance of defensive liquidity buffers and sound compliance with regulatory liquidity requirements.

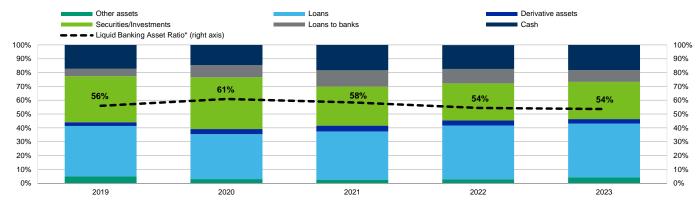
The sound liquidity management at Bank Vontobel and Vontobel Holding largely mitigates the risks from the short-term nature of its private banking and institutional deposit base, their primary funding source. The high risk of losing these more volatile and market-sensitive deposits requires private banks to maintain high volumes of cash and high-quality financial securities in order to accommodate unexpected or larger-than-anticipated withdrawals.

As of year-end 2023, Bank Vontobel reported liquid banking assets of CHF10.0 billion (December 2022: CHF11.8 billion). Average high quality liquid assets (HQLA) of CHF4.8 billion during Q4 2023 (Q4 2022: CHF7.3 billion), represented only about half of these, but still comfortably covered simulated stressed net cash outflows to support a strong regulatory liquidity coverage ratio (LCR) of 214.4% in Q4 2023 (Q4 2022: 156.1%). In addition to HQLA, our liquid banking assets measure includes interbank claims and non-derivative trading assets, which in the case of Bank Vontobel relate to a large extent to structured products issuances and are therefore not freely available.

Exhibit 9

Bank Vontobel's liquidity benefits from cash and high-quality financial instruments, but large parts are encumbered from the issuance of structured products

Data in percentage of tangible banking assets



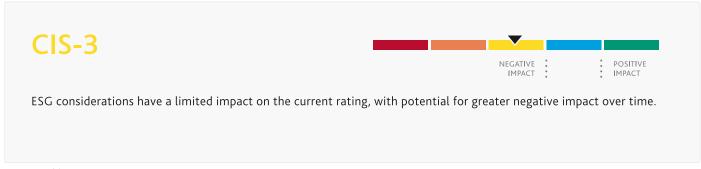
<sup>\*</sup>Liquid Banking Assets (LBA) as a percentage of Tangible Banking Assets (TBA). Sources: Moody's Ratings and company reports

### **ESG** considerations

Bank Vontobel AG's ESG credit impact score is CIS-3

Exhibit 10

### ESG credit impact score



Source: Moody's Ratings

Bank Vontobel's **CIS-3** indicates limited impact of ESG considerations on the ratings to date, with potential for greater negative impact over time, mainly due to governance risks stemming from senior management turnover. Vontobel Holding's still ongoing management transition process sets limitations to management credibility and track record. Environmental and social factors have a limited impact on the bank's credit profile to date.

Exhibit 11
ESG issuer profile scores



Source: Moody's Ratings

Bank Vontobel faces low environmental risks. In line with most private wealth and asset managers, Bank Vontobel has low exposure to carbon transition risk from its mortgage and Lombard lending book and its investment fund exposures are well diversified. In response to developing customer focus on environmental stewardship and wider ESG considerations, the bank increasingly takes steps to align its asset and wealth management offers with the transition to a low-carbon economy.

Bank Vontobel faces moderate social risks related to regulatory and litigation risks, requiring the bank to meet high compliance standards. In line with most private wealth managers, Bank Vontobel's exposure to customer relations risks is mitigated by the bank's developed policies and procedures, supported by its client mix being geared towards more professional clients. High data security and customer privacy risks are also mitigated by technology solutions and organizational measures to prevent data breaches. Social risks related to demographic trends are partly mitigated by the bank's focus on wealth management services, including services for the transfer of wealth to the next generation.

Bank Vontobel faces moderate governance risks. Vontobel Holding has experienced high turnover in top management ranks recently and will be executing leadership transitions over the course of the next year, backfilling the announced departures - including the group's CEO and COO - from the internal talent pool. The executive team which has been led by a Co-CEO team from 2024 on will have to rebuild a track record of successful net new money generation, thereby addressing current franchise challenges relative to peers that have the potential to subdue the group's profitability prospects. The group's governance is further characterized by the majority ownership of shares by the Vontobel and de la Cour families. Whereas concentrated ownership structures generally expose banking groups to governance risks related to board structure and policies, Moody's believes the families' long-term vision of financial goals and strategy can be a stabilizing factor during the phase of management transition.

ESG Issuer Profile Scores and Credit Impact Scores for the rated entity/transaction are available on Moodys.com. In order to view the latest scores, please click <a href="https://example.com/here">here</a> to go to the landing page for the entity/transaction on MDC and view the ESG Scores section.

### **Support and structural considerations**

### Affiliate support

Based on our assessment of the intrinsic financial strength of Vontobel Holding, Bank Vontobel's 100% owner, we believe there is only limited additional support available for the Zurich-based bank from groupwide activities.

As a result, Bank Vontobel does not receive any affiliate support uplift.

### Loss Given Failure (LGF) analysis

Bank Vontobel and the group are subject to Swiss banking regulations, which we consider an operational resolution regime. We consider structured products issued by Bank Vontobel in scope for our Advanced LGF analysis as we believe that the Swiss regulator FINMA would have bail-in powers over these liabilities. The amount incorporated is the lower of the last reported or three-year average structured product volume, and we assume a 50% run-off prior to failure. We also take into account full depositor preference, whereby junior deposits are preferred over senior debt creditors in accordance with the local legislation. All the other assumptions are in line with our standard ones.

Our LGF analysis indicates that Bank Vontobel's Aa3-rated deposits are likely to face very low loss-given-failure, which results in a two-notch uplift from the bank's Adjusted BCA.

Our LGF analysis indicates that Vontobel Holding's senior unsecured liabilities, which are represented by our A2 issuer ratings, are likely to face moderate loss-given-failure, which results no uplift from the bank's Adjusted BCA.

### **Government support considerations**

We do not incorporate any rating uplift for Bank Vontobel or Vontobel Holding from support by the <u>Government of Switzerland</u> (Aaa stable), reflecting our assumption of a low probability of systemic support in the event of a stress scenario, given the bank's and the holding company's marginal importance to the domestic deposit-taking market and the Swiss payment system.

### Methodology and scorecard

### Methodology

The principal methodology we used in rating Bank Vontobel and Vontobel Holding was Banks Methodology, published in March 2024.

### **About Moody's Bank Scorecard**

Our Bank Scorecard is designed to capture, express and explain in summary form our Rating Committee's judgment. When read in conjunction with our research, a fulsome presentation of our judgment is expressed. As a result, the output of our scorecard may materially differ from that suggested by unadjusted accounting data alone (though it has been calibrated to avoid the frequent need for strong divergence). The scorecard output and the individual scores are discussed in rating committees and may be adjusted up or down to reflect conditions specific to each rated entity.

### Rating methodology and scorecard factors

Exhibit 12

Bank Vontobel AG	Bank	Vontobel	AG
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Macro Factors						
Weighted Macro Profile Strong	100%					
Factor	Historic Ratio	Initial Score	Expected Trend	Assigned Score	Key driver #1	Key driver #2
Solvency						
Asset Risk						
Problem Loans / Gross Loans	0.6%	aa2	$\leftrightarrow$	a3	Litigation risk	Market risk
Capital						
Tangible Common Equity / Risk Weighted Assets (Basel III - transitional phase-in)	27.1%	aa1	$\leftrightarrow$	aa2	Expected trend	Nominal leverage
Profitability						
Net Income / Tangible Assets	0.6%	baa2	$\leftrightarrow$	baa3	Expected trend	Earnings quality
Combined Solvency Score		aa3		a2		
Liquidity						
Funding Structure						
Market Funds / Tangible Banking Assets	29.5%	baa2	$\leftrightarrow$	baa1	Deposit quality	Expected trend
Liquid Resources						
Liquid Banking Assets / Tangible Banking Assets	53.6%	aa2	$\leftrightarrow$	a1	Stock of liquid assets	Asset encumbrance
Combined Liquidity Score		a2		a3		
Financial Profile				a2		
Qualitative Adjustments				Adjustment		
Business Diversification				0		
Opacity and Complexity				0		
Corporate Behavior				0		
Total Qualitative Adjustments				0		
Sovereign or Affiliate constraint				-		
BCA Scorecard-indicated Outcome - Range				a1 - a3		
Assigned BCA				a2		
Affiliate Support notching				-		
Adjusted BCA				a2		

Balance Sheet	in-scope	% in-scope	at-failure	% at-failure
	(CHF Million)	-	(CHF Million)	
Other liabilities	5,836	30.7%	8,626	45.3%
Deposits	9,952	52.3%	8,936	47.0%
Preferred deposits	7,364	38.7%	6,996	36.8%
Junior deposits	2,587	13.6%	1,941	10.2%
Senior unsecured bank debt	2,331	12.3%	556	2.9%
Preference shares(holding company)	337	1.8%	337	1.8%
Equity	571	3.0%	571	3.0%
Total Tangible Banking Assets	19,026	100.0%	19,026	100.0%

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Debt Class	De Jure w	aterfal	l De Facto v	vaterfall	Not	ching	LGF	Assigned	Additiona	l Preliminary
	Instrument volume + o subordination	rdinati	Instrument on volume + o subordination	rdination	De Jure	De Facto	Notching Guidance vs. Adjusted		Notching	Rating Assessment
							BCA			
Counterparty Risk Rating	7.7%	7.7%	7.7%	7.7%	0	0	0	0	0	a2
Counterparty Risk Assessment	7.7%	7.7%	7.7%	7.7%	1	1	1	1	0	a1 (cr)
Deposits	17.9%	7.7%	17.9%	7.7%	2	2	2	2	0	aa3
Senior unsecured holding company deb	t 4.8%	4.8%	4.8%	4.8%	0	0	0	0	0	a2
Holding company non-cumulative preference shares	4.8%	3.0%	4.8%	3.0%	-1	-1	-1	-1	-2	baa2

Instrument Class	Loss Given Failure notching	Additional notching	Preliminary Rating Assessment	Government Support notching	Local Currency Rating	Foreign Currency Rating
Counterparty Risk Rating	0	0	a2	0	A2	A2
Counterparty Risk Assessment	1	0	a1 (cr)	0	A1(cr)	
Deposits	2	0	aa3	0	Aa3	Aa3
Senior unsecured holding company debt	0	0	a2	0	A2	A2
Holding company non-cumulative preference shares	-1	-2	baa2	0		Baa2 (hyb)

preference shares
[1] Where dashes are shown for a particular factor (or sub-factor), the score is based on non-public information.

Source: Moody's Ratings

## Ratings

Exhibit 13

Category	Moody's Rating
BANK VONTOBEL AG	
Outlook	Negative
Counterparty Risk Rating	A2/P-1
Bank Deposits	Aa3/P-1
Baseline Credit Assessment	a2
Adjusted Baseline Credit Assessment	a2
Counterparty Risk Assessment	A1(cr)/P-1(cr)
ARENT: VONTOBEL HOLDING AG	
Outlook	Negative
Issuer Rating	A2
Pref. Stock Non-cumulative	Baa2 (hyb)
Source: Moody's Ratings	

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