

Unlocking...

A better bank

A better world

A better future

2022
UniCredit Bank AG
Annual Report

Empowering
Communities to Progress.



Disclaimer

This edition of our annual report is prepared for the convenience of our English-speaking readers. It is based on the German original, which takes precedence in all legal respects.

Published by:

UniCredit Bank AG

Head Office

D-81925 Munich

www.hvb.de

Registrar of companies: Munich HRB 421 48

Cover and creative definition: UniCredit S.p.A.

Creative definition: UniCredit S.p.A.

Design, graphic development and production: UniCredit S.p.A.

Typesetting: Serviceplan Make GmbH & Co. KG, Munich

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Business Situation and Trends

UniCredit Bank AG (HVB) has made use of the option provided in Section 315 (5) of the German Commercial Code (Handelsgesetzbuch – HGB) in conjunction with Section 298 (2) HGB and has combined HVB's Management Report with the Group Management Report of HVB Group.

As the Group parent company, HVB determines the business development of HVB Group. The management is carried out on the basis of IFRS results in line with the internal management of UniCredit S.p.A. Therefore, the statements made for HVB Group in this Group Management Report also apply to HVB to a large extent. Due to the different accounting standards (HGB instead of IFRS), the operating performance and financial position of HVB is dealt with separately. This is done in the Combined Management Report in the section "Group parent company information (HGB)". Please see the notes to the annual financial statements of HVB for further details.

Income Statement

EXPENSES

€ millions	1/1-31/12/2022	1/1-31/12/2021
1 Interest payable	1,062	671
including netted positive interest on borrowings		
€483 million		(616)
2 Fees and commissions payable	341	279
3 Net expense from the held-for-trading portfolio	—	—
4 General administrative expenses		
a) payroll costs		
aa) wages and salaries	1,210	1,643
ab) social security costs and expenses for pensions and other employee benefits	597	596
	1,807	2,239
including for pensions		
€423 million		(416)
b) other administrative expenses	1,603	1,659
	3,410	3,898
5 Amortisation, depreciation and impairment losses		
on intangible and tangible assets	10	13
6 Other operating expenses	491	188
7 Write-downs and impairments for receivables and certain securities as well as additions to provisions for losses on guarantees and indemnities	—	—
8 Write-downs and impairments on participating interests, shares in affiliates and investment securities	—	—
9 Expenses from absorbed losses	3	10
10 Extraordinary expenses	14	—
11 Taxes on income	(533)	236
12 Other taxes, unless shown under "Other operating expenses"	6	19
13 Net income for the year	2,350	245
Total expenses	7,154	5,559

INCOME

€ millions		1/1-31/12/2022	1/1-31/12/2021
1 Interest income from			
a) loans and money market operations	3,427		2,723
including netted negative interest on investments			
€223 million			(369)
b) fixed-income securities and government-inscribed debt	359		137
		3,786	2,860
2 Current income from			
a) equity securities and other variable-yield securities	337		256
b) participating interests	5		12
c) shares in affiliates	372		4
		714	272
3 Income earned under profit-pooling and profit-and-loss transfer agreements		32	61
4 Fees and commissions receivable		1,513	1,451
5 Net income from the held-for-trading portfolio		609	509
including transfer as per Section 340e HGB			
€— million			(—)
6 Write-ups on bad and doubtful debts and on certain securities as well as release of provisions for losses on guarantees and indemnities		29	136
7 Write-ups on participating interests, shares in affiliates and investment securities		13	52
8 Other operating income		457	218
9 Extraordinary income		1	—
10 Net loss for the year		—	—
Total income		7,154	5,559
1 Net income for the year		2,350	245
2 Withdrawal from retained earnings			
a) from the reserve for shares in a controlling or majority interest-holding company	9		—
b) from other retained earnings	—		8
		9	8
3 Transfer to retained earnings			
a) to the reserve for shares in a controlling or majority interest-holding company	—		8
b) to other retained earnings	1,199		—
		1,199	8
4 Profit available for distribution		1,160	245

Balance Sheet

ASSETS

€ millions	31/12/2022	31/12/2021
1 Cash and cash balances		
a) cash on hand	489	6,006
b) balances with central banks	1,810	13,686
including with Deutsche Bundesbank		
€981 million		(11,134)
	2,299	19,692
2 Treasury bills and other bills eligible for refinancing with central banks		
a) Treasury bills and zero-interest treasury notes and similar securities issued by public authorities	—	—
including eligible for refinancing with Deutsche Bundesbank		
€— million		(—)
b) bills of exchange	—	—
	—	—
3 Loans and receivables with banks		
a) repayable on demand	37,516	10,327
b) other loans and receivables	11,784	14,307
	49,300	24,634
including: mortgage loans		
€— million		(—)
municipal loans		
€8 million		(13)
against pledged securities		
€— million		(—)
4 Loans and receivables with customers	127,570	120,395
including: mortgage loans		
€48,960 million		(46,781)
municipal loans		
€9,421 million		(8,517)
against pledged securities		
€1,296 million		(1,334)
Amount carried forward:	179,169	164,721

LIABILITIES

€ millions		31/12/2022	31/12/2021
1	Deposits from banks		
	a) repayable on demand	5,927	6,461
	b) with agreed maturity dates or periods of notice	40,915	51,401
		46,842	57,862
	including: registered Mortgage Pfandbriefe in issue		
	€446 million		(448)
	registered Public Pfandbriefe in issue		
	€144 million		(192)
	bonds given to lender as		
	collateral for funds borrowed:		
	registered Mortgage Pfandbriefe		
	€— million		(—)
	and registered Public Pfandbriefe		
	€— million		(—)
2	Deposits from customers		
	a) savings deposits		
	aa) with agreed period of notice of three months	10,703	14,970
	ab) with agreed period of notice		
	of more than three months	3	17
		10,706	14,987
	b) registered Mortgage Pfandbriefe in issue	2,960	3,289
	c) registered Public Pfandbriefe in issue	1,020	1,443
	d) other debts		
	da) repayable on demand	97,265	99,276
	db) with agreed maturity dates or periods of notice	39,728	21,157
	including: Pfandbriefe given to lender as		
	collateral for funds borrowed:		
	registered Mortgage Pfandbriefe		
	€— million		(—)
	and registered Public Pfandbriefe		
	€— million		(—)
		136,993	120,433
		151,679	140,152
	Amount carried forward:	198,521	198,014

Balance Sheet (CONTINUED)

ASSETS

€ millions	31/12/2022	31/12/2021
Amount brought forward:	179,169	164,721
5 Bonds and other		
fixed-income securities		
a) money market paper		
aa) issued by public authorities	104	115
including those eligible for collateral for		
Deutsche Bundesbank advances		
€— million		(—)
ab) issued by other borrowers	862	126
including those eligible for collateral for		
Deutsche Bundesbank advances		
€— million		(—)
	966	241
b) bonds and notes		
ba) issued by public authorities	17,600	19,306
including those eligible for collateral for		
Deutsche Bundesbank advances		
€12,039 million		(14,132)
bb) issued by other borrowers	35,212	32,457
including those eligible for collateral for		
Deutsche Bundesbank advances		
€25,040 million		(23,442)
	52,812	51,763
c) own bonds	5,180	3,471
nominal value €5,200 million		(3,450)
	58,958	55,475
6 Equity securities and other variable-yield securities	273	34
6a Held-for-trading portfolio	68,720	67,796
7 Participating interests	105	104
including: in banks		
€8 million		(8)
in financial service institutions		
€— million		(—) ¹
in investment institutions		
€28 million		(28) ¹
8 Shares in affiliates	1,449	1,410
including: in banks		
€— million		(—)
in financial service institutions		
€333 million		(297)
in investment institutions		
€— million		
Amount carried forward:	308,674	289,540

1 Reporting correction.

LIABILITIES

€ millions		31/12/2022	31/12/2021
Amount brought forward:		198,521	198,014
3 Debt securities in issue			
a) bonds			
aa) Mortgage Pfandbriefe	21,799		18,921
ab) Public Pfandbriefe	1,759		1,200
ac) other bonds	7,709		7,653
		31,267	27,774
b) other debt securities in issue		—	—
including: money market paper			
€— million			(—)
acceptances and promissory notes			
€— million			(—)
		31,267	27,774
3a Held-for-trading portfolio		46,994	37,070
4 Trust liabilities		382	374
including loans taken out on a trust basis			
€382 million			(374)
5 Other liabilities		11,424	8,001
6 Deferred income			
a) from issuing and lending operations	49		68
b) other	189		282
		238	350
6a Deferred tax liabilities		—	—
7 Provisions			
a) provisions for pensions and similar commitments	699		—
b) tax provisions	1,137		686
c) other provisions	2,026		2,290
		3,862	2,976
8 Subordinated liabilities		1,109	1,109
8 a Additional Tier 1 capital		1,700	1,700
9 Participating certificates outstanding		—	—
including those due in less than two years			
€— million			(—)
10 Fund for general banking risks		638	638
including special items as per Section 340e (4) HGB			
€347 million			(347)
Amount carried forward:		296,135	278,006

Balance Sheet (CONTINUED)

ASSETS

€ millions	31/12/2022	31/12/2021
Amount brought forward:	308,674	289,540
9 Trust assets	382	374
including loans granted on a trust basis		
€382 million		(374)
10 Intangible assets		
a) internally generated intellectual property rights and similar rights and assets	—	—
b) purchased franchises, intellectual property rights, and similar rights and assets, as well as licences to such rights and assets	3	3
c) goodwill	—	—
d) advance payments	1	1
	4	4
11 Property, plant and equipment	128	135
12 Other assets	1,050	1,097
13 Prepaid expenses		
a) from issuing and lending operations	94	41
b) other	213	192
	307	233
14 Deferred tax assets	1,190	—
15 Excess of plan assets over pension liabilities	—	118
Total assets	311,735	291,501

LIABILITIES

€ millions	31/12/2022	31/12/2021
Amount brought forward:	296,135	278,006
11 Shareholders' equity		
a) called-up capital		
subscribed capital	2,407	2,407
divided into		
802,383,672 shares of common		
bearer stock		
b) additional paid-in capital	9,792	9,792 ²
c) retained earnings		
ca) legal reserve	—	—
cb) reserve for shares in a controlling		
or majority interest-holding company	10	19
cc) reserve provided for in the Articles of Association	—	—
cd) other retained earnings	2,231	1,032 ²
	2,241	1,051 ²
d) profit available for distribution	1,160	245
	15,600	13,495
Total liabilities and shareholders' equity	311,735	291,501
1 Contingent liabilities		
a) contingent liabilities on rediscounted		
bills of exchange credited to borrowers	—	—
b) liabilities under guarantees and		
indemnity agreements	29,532	27,967
c) contingent liabilities on assets pledged		
as collateral for third-party debts	—	—
	29,532	27,967
2 Other commitments		
a) commitments from the sale of assets		
subject to repurchase agreements	—	—
b) placing and underwriting commitments	—	—
c) irrevocable lending commitments	68,603	62,927
	68,603	62,927

2 Due to rounding differences, the additional paid-in capital and the retained earnings for the previous year were adjusted.

Legal Basis

UniCredit Bank AG (HVB) is a universal bank with its registered office and principal place of business in Arabellastrasse 12, Munich, Germany. It is entered under HRB 42148 in the B section of the Commercial Register maintained by Munich Local Court. HVB is an affiliate of UniCredit S.p.A., Milan, Italy (ultimate parent company).

The annual financial statements of UniCredit Bank AG for the 2022 financial year are prepared in accordance with the accounting regulations in the German Commercial Code (Handelsgesetzbuch – HGB), the German Stock Corporation Act (Aktiengesetz – AktG), the German Pfandbrief Act (Pfandbriefgesetz – PfandBG) and the Regulations Governing Disclosures in the Financial Statements of Banks and Similar Financial Institutions (Verordnung über die Rechnungslegung der Kreditinstitute und Finanzdienstleistungsinstitute – RechKredV).

HVB is active in all of the sectors served by commercial and mortgage banks.

Accounting, Valuation and Disclosure

1 Reporting date/period

The amounts shown in the tables and texts below relate to the reporting date of 31 December for disclosures regarding balance sheet items and totals and the period from 1 January to 31 December of the respective year for disclosures regarding the income statement.

2 Consistency

The same accounting and valuation methods have essentially been applied as last year, except for the method changes described below.

Recognition of deferred tax assets

In the reporting year, HVB decided to recognise deferred tax assets for the first time in accordance with Section 274 (1) s. 2 of the German Commercial Code (Handelsgesetzbuch – HGB). On the one hand, this serves to increase the transparency of the presentation of the earnings and financial situation and, on the other hand, to improve the comparability of the HGB financial statements with the consolidated financial statements according to IFRS. The deferred tax assets have been recognised in the income statement in the item “Taxes on income” in the reporting year in the amount of €1.2 billion. As a result, the item “Deferred tax assets” in the amount of € 1.2 billion is reported on the assets side for the first time. The income from the initial recognition of deferred tax assets was allocated to retained earnings in shareholders’ equity.

Adjustment of the calculation of general loan loss provisions (BFA 7)

In the reporting year the method for calculating the general loan loss provisions was completely changed to the procedure for calculating loan loss provisions in accordance with the requirements of IFRS 9. In the previous year the general loan loss provisions were calculated in accordance with the requirements of IFRS 9 for determining the expected loan losses only for assets recognised under “Loans and receivables with customers”. In accordance with the requirements of BFA 7, which was to be applied for the first time in the 2022 financial year, we have extended the scope of assets or obligations for the calculation of general loan loss provisions to assets accounted for as “Loans and receivables with banks” and to “Liabilities arising from guarantees and indemnity agreements”, as well as to “Irrevocable lending commitments”. In addition, revocable lending commitments were recognised in accordance with the IFRS 9 approach. Accordingly, general loan loss provisions of €177 million were recognised for these items for the first time, which were recognised in the income statement in the netted items “Income from write-ups on bad and doubtful debts and on certain securities and from reversals of provisions in the lending business”.

Change in the method of determining the remaining term (duration) and discount rates for provisions for pension obligations on the occasion of the transfer of pensioners

Pursuant to Section 253 (2) s. 1 HGB, provisions for pension obligations with a remaining term of more than one year are to be discounted at the market interest rate corresponding to their remaining term averaged over the preceding ten financial years. In derogation from this, Section 253 (2) s. 2 HGB allows the assumption of a remaining term (average duration) of 15 years on a flat-rate basis when deriving the discount rate for pension obligations for reasons of simplicity. Once a valuation method has been selected, it must be upheld in accordance with the principle of consistent valuation (Section 252 (1) no. 6 HGB); deviations from this method are only permitted in objectively substantiated exceptional cases within the meaning of Section 252 (2) HGB. HVB has so far made use of the simplification rule under Section 253 (2) s. 2 HGB.

Accounting, Valuation and Disclosure (CONTINUED)

In December 2022, after 2009 and 2016, both the pension obligations and the assets required to cover them were transferred from HVB to HVB Trust Pensionsfonds AG, Munich, in the amount of €335 million (redemption contribution) as part of a third transfer for a further 3,196 pension beneficiaries (including two double pensioners) who were already receiving pension benefits from the Bank in October 2022. The transfer of the pensioners significantly reduced the number of older pension recipients at HVB. The remaining, comparatively higher proportion of younger beneficiaries (mainly active employees) actually results in a significantly longer average remaining term of the obligations than the average duration of 15 years previously assumed on a flat-rate basis in accordance with the simplification rule used to determine the discount rate to be applied. The changed valuation method reflects the duration more realistically in the sense of an actuarial focus of all future payments to the pension beneficiaries and, taking into account the principles of proper bookkeeping and accounting, gives a better picture of the actual assets, liabilities, financial position and profit or loss.

As at 31 December 2022, the provisions for pension obligations to be recognised in the annual financial statements of HVB were no longer calculated on the basis of a flat-rate residual term of 15 years in accordance with the simplification rule, but on the basis of a portfolio-specific average duration of 19 years as at 31 December 2022 in accordance with IFRS. The discount rate derived from the remaining term of the pension obligations for setting up provisions on the basis of a ten-year average increases by 10 basis points from 1.78% (15 years) to 1.88% (19 years) as a result of the four-year extension of the remaining term. The discount rates were taken from the interest rate information determined and published by the Deutsche Bundesbank in accordance with the Regulation on the Discounting of Provisions (Rückstellungsabzinsungsverordnung - RückAbzinsV) as at 31 December 2022. As a result, the settlement amount of the pension obligations decreases from €2,139 million to €2,092 million (down €47 million). Likewise, the associated pension expenses are reduced by €47 million.

The discount rate used for the additional valuation on the basis of a seven-year average required to determine the difference which is subject to a ban on distribution in accordance with Section 253 (6) HGB increases as a result of the four-year extension of the remaining term by 9 basis points from 1.44% (15 years) to now 1.53% (19 years). The effect of the change in the valuation method regarding the remaining term (duration) and discount rates on the amount banned from distribution calculated in accordance with Section 253 (6) of the German Commercial Code (HGB) is insignificant, so that it is to be disclosed in the notes unchanged at €170 million.

3 Cash and cash balances

The cash and cash balances (asset item 1) are stated at nominal amounts.

4 Treasury bills and bills of exchange

Treasury bills and other bills (asset item 2) are shown at their present value, i.e. less any discounted amounts.

5 Loans and receivables with banks and customers

Loans and receivables with banks and customers (asset items 3 and 4) are always stated at the nominal amount plus any accrued interest. Differences between acquisition cost and nominal amount (premiums/discounts) that are attributable to interest are allocated to prepaid expenses or deferred income and taken to the income statement under net interest income in the correct period over the term of the underlying items. Any necessary write-downs are deducted.

Loans and receivables are valued at the lower of cost or market as stipulated in Section 253 (4) 1 HGB. HVB creates specific loan loss provisions and accruals to the amount of the anticipated loss for all identifiable exposure to acute counterparty default risk. The expected flow-backs discounted at the original effective interest rate are used when determining the level of write-downs compliant with Section 253 HGB. In the process, various realistic scenarios are estimated whereby the loss in value resulting from the expected value of the credit default losses is weighted by the probability of occurrence for each scenario. Specific loan loss provisions are reversed once the receivable is classified as irrecoverable and written off. Accruals are reversed as soon as the default risk has ceased.

Country risk is covered by specific loan loss provisions for loans at risk of default; a distinction is no longer made between the default risk of the borrower and the transfer risk from the borrower to the Bank.

We take account of deferred credit risks by recognising general loan loss provisions. For this purpose, a general loan loss provision was specified for loans and receivables with customers and with banks, as well as for contingent liabilities and other obligations, in particular open loan commitments. Its determination is based on the expected credit losses that are also used for the purposes of valuation in accordance with IFRS. Therefore, the determination of the general loan loss provision follows the Bank's risk measurement.

Like other loans and receivables, mortgage loans are shown at their nominal values. Differences between the nominal amount and the actual amount paid out are included under either prepaid expenses or deferred income and reversed over the period to which they apply.

The purpose defined at the time of acquisition (Section 247 (1) and (2) HGB) determines the assignment of loans, receivables and securities to the held-for-trading portfolios, the liquidity reserve or investment assets.

The Bank has made use of the option permitted by Section 340f (3) HGB and has included the change in provisions compliant with Section 340f HGB to net the write-downs and impairments for receivables and certain securities as well as additions to provisions for losses on guarantees and indemnities with the write-ups on bad and doubtful debts and on certain securities as well as release of provisions for losses on guarantees and indemnities.

Accounting, Valuation and Disclosure (CONTINUED)

6 Bonds and other fixed-income securities, and equity securities and other variable-yield securities

Investment securities and securities held for liquidity purposes (securities treated neither as held for trading purposes nor as investment securities) are shown under bonds and other fixed-income securities (asset item 5) and equity securities and other variable-yield securities (asset item 6).

Investment securities are measured in accordance with the modified lower of cost or market principle compliant with Section 253 (3) 5 HGB, under which impairments are only to be deducted from the acquisition cost if the loss of value is expected to be permanent. In the case of equity instruments, we recognise an impairment loss if the fair value at the reporting date is significantly lower than the carrying amount or if the fair value has fallen below the carrying amount for a long period of time. In the case of debt instruments, on the other hand, an impairment that is likely to be permanent occurs when the issuer of the securities defaults. In the event of a loss of value that is attributable to market prices, we assume that the impairment is only temporary, as these losses will be balanced out again by the due date at the latest.

Securities held for liquidity purposes are measured at amortised cost, taking account of the lower of cost or market principle (Section 253 (4) 1 HGB) and if necessary, written down to the market value or fair value at the balance sheet date, whichever is lower. Premiums and discounts are amortised over the remaining term of the securities holdings upon addition.

In observance of the lower of cost or market principle, appropriate write-downs are made to take account of the creditworthiness of the issuer and the liquidity of the financial instrument. Where the reasons for a write-down to the lower of cost or market no longer apply, the write-down is reversed compliant with Section 253 (5) HGB.

The Bank sets up portfolio valuation units documented in advance for certain interest-bearing securities, promissory notes (with a carrying amount of €20,359 million (previous year: €21,632 million)) and certain interest rate derivatives hedged against interest rate risk by equivalent hedging derivatives (notably interest rate swaps). The hedge of the dynamic portfolio within the framework of the valuation unit is of unlimited duration; the hedging period of the individual hedging derivatives is always related to the residual maturity of the respective hedged items in the portfolio. The offset changes in the value of the interest-bearing securities amount to an increase of €1,162 million (previous year: €242 million) for the portfolios whose hedged items encompass securities and promissory notes. The change is largely attributable to the rise in the level of interest rates and a lower volume.

The Bank also forms a valuation unit to hedge equity risks. An equity forward derivative and compensatory equity holdings are balanced against each other in the valuation unit. The duration of the hedging is determined by the term of the equity forward derivative. The balanced changes in value amount to €19 million.

The requirements of Section 254 HGB regarding valuation units have been met. The prospective hedging efficiency is documented using the interest rate risk sensitivity analysis based on basis point values (BPV) or critical terms match. The changes in value arising from the hedged items and hedges induced from the hedged risk are set against each other and offset within the individual valuation units. Under the net hedge presentation method, no net valuation gain is taken to the income statement; provisions are set up to cover any net loss on the ineffective portion of the changes in the value of the hedge. Any valuation loss arising from the unhedged risk is included in the respective hedged items and hedging derivatives in accordance with the imparity principle.

The Bank makes use of the option permitted by Section 340f (3) HGB to net the write-downs and impairments for receivables and certain securities as well as additions to provisions for losses on guarantees and indemnities with the write-ups on bad and doubtful debts and on certain securities as well as the release of provisions for losses on guarantees and indemnities.

7 Held-for-trading portfolio

Compliant with Section 340e (3) HGB, financial instruments held by banks for trading purposes are measured at fair value less a risk discount and recognised in the balance sheet. Any ensuing changes in value and provisions relating to trading transactions are recognised in the income statement under net income from the held-for-trading portfolio. In addition, compliant with Section 340e (4) HGB an amount is allocated to the "Fund for general banking risks" in accordance with Section 340g HGB and shown in the balance sheet separately. HVB assigns all financial instruments (bonds, equity securities, derivatives, loans and receivables, and liabilities, including delivery obligations arising from short sales of securities) to the held-for-trading portfolio that are acquired and sold with the intention of generating a short-term gain on proprietary trading. This is done to exploit existing or anticipated differences between buying and selling prices or fluctuations in market rates, prices, values or interest rates to generate a trading gain or margin. No changes have been made compared with last year regarding the criteria for assignment to the trading portfolio (definition of the intention to trade). No financial instruments have been reclassified to or from the held-for-trading portfolio. The assets and liabilities that are held for trading are shown separately in the balance sheet (asset item 6a and liability item 3a).

We have determined the fair value of the financial instruments held for trading purposes in accordance with the valuation hierarchy specified in Section 255 (4) HGB. The fair value is normally defined as the amount at which the asset could be exchanged, or a liability settled, between knowledgeable, willing parties in an arm's length transaction on the balance sheet date. The market price is used for financial instruments for which there is an active market. Where there is no active market that can be used to determine the market price, the fair value is determined with the aid of generally recognised valuation methods (notably present value and option price models).

The fair values of securities and derivatives are assumed on the basis of either external price sources (such as stock exchanges or other price providers like Reuters) or determined using internal valuation models. For the most part, prices from external sources are used to calculate the fair value of securities. HVB's credit risk is included in the fair value of liabilities held for trading purposes. Derivatives are primarily measured on the basis of valuation models. The parameters for HVB's internal valuation models (such as yield curves, volatilities and spreads) are taken from external sources, and checked for their validity and correctness by the Risk Control unit.

Accounting, Valuation and Disclosure (CONTINUED)

Appropriate adjustments (referred to as fair value adjustments) are made to the fair values calculated in this way in order to take account of further influences on the fair value (such as the liquidity of the financial instrument, closing out costs or model risks when the fair value is calculated using a valuation model). Rating-related default risk in trading-book derivatives is covered by applying suitable valuation adjustments (CVAs and DVAs). Furthermore, funding valuation adjustments (FVAs) were recognised in the income statement for the measurement at fair value of not fully secured derivatives. Apart from unsecured derivatives, this also affects derivatives for which collateral has been provided in favour of the counterparty only.

The main conditions that can influence the amount, timing and certainty of future cash flows from derivatives essentially relate to the following features of derivatives:

- Where the cash flows under derivatives are linked to current market prices or rates, the respective market price or market rate at the payment date determines the amount payable (in the case of interest rate swaps, for instance, the payment of the variable interest rate on the payment date depends on the interest rate fixed on this date).
- Where the derivatives allow for cash settlement at fair value on the due date, the amount payable is calculated as the difference between the price set when the derivative was entered into and the current market price (in the case of a foreign exchange forward with cash settlement, for instance, the difference between the agreed forward price and the current price is payable).
- In the case of American options, unlike European options, the option buyer has the right to exercise the option at any time during the term of the option.
- Where it is possible to terminate a derivative prior to maturity (as is the case with all exchange-traded derivatives, for instance), the derivative may be terminated by paying the current fair value.
- The counterparty's credit rating and solvency are a further important consideration. If the counterparty becomes insolvent, it can no longer be expected that it will meet its obligations arising from the derivative.

These features may be included in the terms agreed for any type of derivative. Thus, it is possible that foreign exchange, interest rate and equity options may be exercised at any time (American option) or only at maturity (European option). It is generally possible to determine the size of the derivative positions entered into from the respective nominal amounts.

In order to obtain the final figures disclosed in the balance sheet for the held-for-trading portfolios, the risk discount required by Section 340e (3) 1 HGB is deducted from the fair values of the financial instruments held for trading purposes determined in this way. Including the risk discount in net trading income reflects the risk of possible price losses up until the earliest possible date of realisation of unrealised valuation gains or losses. In accordance with the relevant regulatory rules, the risk discount is determined on the basis of the internal risk management system using an accounting value-at-risk approach (holding period of ten days; confidence level: 99%; two-year observation period). We have deducted the risk discount determined for the entire held-for-trading portfolio from the assets held for trading purposes in the balance sheet (asset item 6a) and recognised it in the net income from the held-for-trading portfolio.

HVB employs derivative financial instruments both for trading purposes and to hedge balance sheet items. The vast majority are trading derivatives which are disclosed at their fair value in the held-for-trading portfolio items on the assets side and liabilities side of the balance sheet and taken to the income statement.

With interest rate swaps, the two opposing cash flows from interest are aggregated for each swap contract and disclosed net as interest income or interest expense. In the case of derivative portfolios purely held for trading, we disclose the netted interest payments in the net trading income.

Derivatives that are not associated with the held-for-trading portfolio continue to be treated in accordance with the principle of the non-recognition of pending transactions. Only cash flows that have started, such as option premiums and accrued upfront payments on unvalued banking book derivatives, are disclosed under other assets (asset item 12), other liabilities (liability item 5) and deferred income or prepaid expenses (asset item 13 and liability item 6). Irrespective of whether it results from the hedged item or the hedging derivative, any net loss arising from valuation units set up for the netting (compensation) of the change in value of the hedged item and hedging derivative associated with the hedged risk is to be taken to the income statement as a provision for valuation units. In accordance with German GAAP, any change in fair value arising from the unhedged risk in both the hedged item and the hedging instrument is recognised on a gross basis in compliance with individual valuation under the imparity principle.

The Bank takes out the credit derivatives not held for trading exclusively as a protection buyer. In this context, the credit derivatives serve to hedge the risk of default of other transactions entered into by the Bank. The credit derivatives not held for trading are therefore accounted for according to the principles relating to loan collateral.

The interest rate derivatives employed for asset/liability management of the general interest rate risk associated with receivables and liabilities in the banking book are measured as part of the aggregate interest position. Please refer to the Risk Report for a discussion of the management of the overall interest rate position.

The few remaining standalone derivatives outside the trading book are valued in accordance with the imparity principle. A provision for anticipated losses on pending transactions is set up for unrealised valuation losses; unrealised valuation gains are not recognised.

Derivatives held for trading purposes that were concluded under master agreements together with a credit support annex allowing for daily exchange of collateral are netted for each counterparty in the balance sheet. Such netting encompasses both the carrying amount of the derivatives and the collateral provided for each counterparty.

Extensive information about HVB's derivative financial instruments, complete with detailed breakdowns by product and risk type, and showing the nominal amounts, fair values and the counterparty structure, is included in the note to the annual financial statements regarding derivative financial instruments.

The Risk Report contains a detailed overview of the Bank's derivative transactions.

Accounting, Valuation and Disclosure (CONTINUED)

8 Participating interests and shares in affiliates

Participating interests and shares in affiliates (asset items 7 and 8) are shown at acquisition cost or – if there is a permanent impairment – at the lower fair value prevailing at the balance sheet date.

Where HVB holds a controlling interest, profits and losses of partnerships as well as dividends paid by limited or incorporated companies are recognised in the year in which they arise, provided the relevant legal conditions are met.

Compliant with Section 340c (2) 1 HGB, HVB nets income from write-ups on participating interests, shares in affiliates and investment securities with write-downs on these investments. In addition, the expense and income items which reflect the results from the disposal of financial assets are included in this netting process in accordance with the option permitted by Section 340c (2) 2 HGB.

9 Intangible assets

Goodwill and software are disclosed under intangible assets (asset item 10).

Purchased goodwill is calculated by setting the acquisition cost of a company against the value of the company's individual assets, less the liabilities at the time of acquisition. It is normally amortised over the standard useful life assumed by law. An impairment is recognised in the event of a permanent loss of value. Should the reasons for the impairment no longer apply, the lower amount recognised for derivative goodwill is retained.

Purchased intangible assets are capitalised at cost and amortised over their expected useful life of three to five years (software) or a longer contractual useful life of up to ten years (other intangible assets). Impairments are recognised where necessary. HVB has not made use of the capitalisation option for internally generated intangible assets classified as non-current.

10 Property, plant and equipment

Property, plant and equipment (asset item 11) is valued at acquisition or production cost, less – insofar as the assets are depreciable – subsequent straight-line depreciation over the expected useful life. In such cases HVB adheres closely to the depreciation rules for movable equipment specified in Section 7 of the German Income Tax Act (Einkommensteuergesetz – EStG) in conjunction with the depreciation tables for equipment. Additions to furniture and office equipment are depreciated on a pro rata basis in the year of acquisition.

Low-value assets with acquisition costs of up to €250 are fully expensed in the year of acquisition and shown as additions and disposals in the analysis of non-current assets. A collective item is set up for all items of property, plant and equipment with acquisition costs of between €250 and €1,000 (pool depreciation in accordance with Section 6 (2a) EStG, new version), one-fifth of which is reversed in the financial year of creation and each of the following four years in the income statement.

11 Liabilities

Liabilities (liability items 1 to 3, 8 and 9) are stated at the amount repayable plus accrued interest. Differences between the amount repayable and the amount disbursed (premiums/discounts) that are attributable to interest are allocated to prepaid expenses or deferred income and reversed under net interest income in the correct accounting period. Liabilities without current interest payments (zero-coupon bonds) are stated at their present value calculated using a constant discount rate over the relevant terms.

The Bank establishes portfolio valuation units for certain interest-bearing securities issues or promissory note liabilities (€4,341 million) which are hedged by offsetting hedging derivatives (in particular interest rate swaps or credit default swaps and equity derivatives) with respect to interest rate risk and risks arising from embedded credit or equity risks. The duration of the hedging of the dynamic portfolio within the framework of the valuation unit is unlimited; the hedging period of the individual hedging derivatives relates essentially to the remaining term of the respective securities issues or promissory note liabilities. The offset changes in the value of the securities issues or promissory note liabilities amount to €355 million.

12 Provisions

In accordance with the principles of sound commercial judgement, we assess provisions for taxes, uncertain liabilities and anticipated losses on pending transactions (liability item 7) at the amount repayable, taking into account anticipated future price and cost increases. As a basic principle, provisions falling due in more than one year are discounted using the average market rate of the past seven financial years determined and published by Deutsche Bundesbank as appropriate for the respective maturities.

HVB offers its employees various types of company pension plans. To fund the company pension plans, HVB has covered its pension commitments largely with plan assets managed as external trustee assets with limited access. These plan assets are set against the liabilities arising from pension commitments or similar long-term commitments. If the plan assets of the pension funds, pension guarantee associations or retirement benefit corporations in question do not cover the amount of the equivalent pension commitments payable, HVB recognises a provision for pension funds and similar obligations in the amount of the shortfall. If the fair value of the plan assets exceeds the commitments, the difference is recognised as the excess of plan assets over pension liabilities.

We measure payment obligations arising from pension commitments at the amount payable calculated using the projected unit credit method on the basis of biometric probabilities. Anticipated future salary and pension increases are taken into account when measuring the pension commitment. Insofar as the amount of the pension commitments is determined exclusively by the fair value of securities, we recognise provisions for this at the fair value of these securities where it exceeds a guaranteed minimum amount.

In contrast to the previous year, in the reporting year, HVB no longer assumes a flat-rate remaining term of 15 years in accordance with the simplification rule for determining the provisions for pension obligations to be recognised in the balance sheet, but instead uses a portfolio-specific, average duration of 19 years as the remaining term on a flat-rate basis in accordance with IFRS standards as at 31 December 2022. The discount rate derived from this remaining term of the pension obligations was based on the interest rate information determined and published by the Deutsche Bundesbank at the end of the year in accordance with the Regulation on the Discounting of Provisions (Rückstellungsabzinsungsverordnung - RückAbzinsV) on the basis of a ten-year average. Further information regarding the change in the valuation method is provided in the note "Consistency".

Accounting, Valuation and Disclosure (CONTINUED)

The German Act Implementing the Directive on Credit Agreements Relating to Residential Immovable Property and Amending Provisions of Commercial Law enacted in 2016 changed the specified discount rate used in discounting provisions for pension obligations from a seven-year average to a ten-year average. The difference occurring in every financial year between the valuation of the provision applying the corresponding average market rate from the previous ten financial years and applying the corresponding average market rate from the previous seven financial years is subject to a ban on distribution.

	2022	2021
Discount rate (10-year average)	1.88%	1.87%
Discount rate (7-year average)	1.53%	1.35%
Pension trend	2.25%	1.75%
Anticipated wage and salary increases	2.00%	1.50%
Career trend	0.50%	0.50%
Reduction of the probabilities based on the modified Heubeck 2018 G tables to		
Mortality		
Men	80%	80%
Women	95%	95%
Probability of disability		
Men	80%	80%
Women	80%	80%

Income and expenses arising from the compounding and discounting of provisions for pensions are included in other operating income less other operating expenses. However, the current service cost accruing during the period and the effects arising from changed assumptions regarding the wage, salary and pension trend and biometric probabilities are disclosed under payroll costs. The same principles apply for the impact on earnings arising from the change in the group of beneficiaries and the change in provisions for pensions in connection with company restructuring activities. Similarly, the impact on earnings of the change in the discount rate is allocated to payroll costs.

Furthermore, the revised version of IDW RS BFA 3 requires the Bank to check whether it has incurred a loss on the aggregate holding of interest-bearing transactions in the banking book. The Bank applies the net present value approach to ascertain whether there are any circumstances beyond the individual valuation that had already occurred in economic terms at the reporting date that would lead to losses in the future. In this instance, it would be necessary to set up a provision for anticipated losses on pending transactions to ensure loss-free valuation in the banking book. To do this, the cash flows from the interest-bearing transactions in the banking book are discounted on the basis of the market interest rates at the reporting date and set against their carrying amounts using the net present value approach. All on- and off-balance-sheet, interest-bearing financial instruments outside of the held-for-trading portfolio are included in this process. All costs to be incurred in connection with the interest-bearing transactions such as risk costs, administration costs for handling the transactions through to their maturity, funding costs and so on are taken into account for discounting. The contractual cash flows are normally used as the basis; appropriate assumptions regarding the anticipated utilisation are only made and hence an economic maturity used as the basis for financial instruments with no fixed maturity (such as demand and savings deposits) in compliance with the internal risk management rules. The present values calculated in this way are set against the carrying amounts; derivatives concluded to hedge interest rate risk in the banking book are recognised at their fair value and generally set against a carrying amount of zero as they are not carried as general hedging derivatives individually in the banking book. A provision for anticipated losses on pending transactions needs to be set up to cover any shortfall between the present value determined in this way and the carrying amount. In this context, positive differences on interest-bearing transactions may not be offset against negative differences unless the transactions concerned are controlled together in internal interest rate risk management.

13 Additional Tier 1 regulatory capital instruments

Included are HVB issued regulatory own funds in the form of two additional Tier 1 issues (AT1 bonds). The AT1 bonds are fully subscribed by UniCredit S.p.A. These are subordinated unsecured bonds.

These have a volume of €1,000 million and €700 million and an indefinite term, and the AT1 bonds can only be terminated by the issuer. As the issuer, HVB has the right to waive interest in whole or in part at its own discretion. Should HVB decide to pay interest for a given financial year, it is recognised as interest expense. The bond terms stipulate a temporary write-down in the event that the Bank's CET 1 ratio falls below the 5.125% mark on a stand-alone basis or consolidated basis pursuant to the CRR. Under certain conditions, a (re-)write-up is possible at HVB's discretion.

In addition, the issues have the following features:

The issue of €1,000 million can be called in for the first time after five years and initially bears 5.794% interest for five years; from 20 October 2025 the interest rate corresponds to the 5-year EUR mid-market swap rate of +6.250% p.a. until the next interest rate adjustment date after five years

The issue of €700 million can be called in for the first time after six years and initially bears 5.928% interest for six years; from 20 October 2026 the interest rate corresponds to the 5-year EUR mid-market swap rate of +6.350% p.a. until the next interest rate adjustment date after five years

The AT1 bonds are shown as additional Tier 1 capital (AT1) under regulatory own funds.

Interest in the amount of €99 million was paid on both instruments in October 2022.

14 Plan assets

Assets serving exclusively to settle pension commitments or similar long-term commitments, and to which all other creditors do not have recourse (plan assets), are measured at fair value and offset against the underlying commitment.

If the offsetting results in an excess of commitments over plan assets, we recognise a provision for pensions and similar commitments (liability item 7) to this amount. If the value of the assets exceeds the commitments, the amount is recognised under excess of plan assets over pension liabilities (asset item 15).

The plan assets consist mainly of investment fund shares that are recognised at the current redemption price (fair value). Income and expenses arising from plan assets to be offset are shown in other operating income less other operating expenses.

Compliant with Section 8a of the German Semi-Retirement Act (Altersteilzeitgesetz – AltTZG), employee credits for semi-retirement are secured by pledging securities to the trustee.

Accounting, Valuation and Disclosure (CONTINUED)

15 Deferred tax assets and liabilities

Deferred tax items are determined for temporary differences between the carrying amount of an asset, liability or deferred item shown in the commercial balance sheet and the corresponding amount disclosed for tax purposes, which are expected to reverse in future financial years. This includes not only the temporary differences arising from HVB's own balance sheet items, but also those arising at subsidiaries or partnerships in which HVB is a shareholder or partner. In addition, tax loss carryforwards must be taken into account when calculating deferred tax assets.

Deferred tax assets and liabilities are measured on the basis of the combined income tax rate of the HVB tax group, which is currently 31.7%. The combined income tax rate includes corporation tax, trade tax and solidarity surcharge. Notwithstanding this, deferred taxes arising from the temporary differences in the accounting of German investments in commercial partnerships are measured on the basis of a combined income tax rate, which only includes corporation tax and the solidarity surcharge, which currently amounts to 15.83%.

The respective local tax rates, ranging from 16.5% to 33%, are applied for deferred tax assets and liabilities in foreign establishments. In the financial year, a total of €1.19 billion in deferred tax assets was recognised for the first time. This was made up of €1.1 billion from HVB "Inlandsbank" including tax group subsidiaries and €90 million from foreign establishments. It is based almost exclusively on temporary differences in value, which mainly result from tax related differences in the risk provisioning for loans and receivables with customers, prepaid expenses and deferred income, property, plant and equipment, pension provisions, and other provisions.

16 Foreign currencies

Amounts in foreign currency are translated in accordance with the principles set forth in Section 340h and Section 256a HGB. As a result, assets and liabilities denominated in foreign currency and spot transactions outstanding at the balance sheet date are always converted into euros using the mean spot rate applicable at the balance sheet date. The foreign currency positions in the portfolio not held for trading that are concluded in each currency are transferred to the held-for-trading portfolio on a daily basis under a standard system of currency risk management that is applicable across the Bank as a whole. The translation gains on the foreign currency positions managed in the held-for-trading portfolio are recognised at fair value in the income statement in accordance with the valuation methods applicable to the held-for-trading portfolio (Section 340e (3) 1 HGB). Consequently, the entire net income from FX trading is disclosed under net income from the held-for-trading portfolio in the income statement. On the other hand, investment securities denominated in foreign currency that are not specifically covered in the same currency and are not transferred to the held-for-trading portfolio as part of currency risk management applicable throughout the Bank are carried at their historical cost. Outstanding forward transactions are translated using the forward rate effective at the balance sheet date.

Notes to the Income Statement

The condensed income statement is shown with the Management Report.

17 Breakdown of income by region

The following table shows a breakdown by region of:

- interest income
- current income from equity securities and other variable-yield securities, participating interests and shares in affiliates
- fees and commissions receivable
- net income from the held-for-trading portfolio and
- other operating income

€ millions	2022	2021
Total income	7,079	5,310
Germany	6,020	4,289
Italy	242	256
United Kingdom	365	336
Rest of Europe	207	190
Americas	182	205
Asia	63	34

18 Net interest income

€ millions	2022	2021
Net interest income	3,470	2,522
Interest income from		
lending and money market transactions	3,427	2,723
including netted negative interest on investments	223	369
fixed-income securities and government-inscribed debt	359	137
Current income from equity securities and other variable-yield securities, participating interests and shares in affiliates	714	272
Income from profit-pooling and profit-and-loss-transfer agreements	32	61
Interest expenses	1,062	671
including netted positive interest on borrowings	483	616

Current income from shares in affiliates includes income from the acquisition of (real estate) companies in the amount of €356 million.

The interest expense arising from the compounding of provisions amounts to €3 million (previous year: €3 million).

Notes to the Income Statement (CONTINUED)

19 Services performed for third parties

HVB performed significant services for third parties, notably in portfolio, asset and trust management, in the brokerage of insurance, savings and loan contracts and investment funds, in investment and securities commission activities, and in the handling of payments.

20 Net income from the held-for-trading portfolio

Net income from the held-for-trading portfolio (net trading income) of €609 million (previous year: €509 million) includes the netted income and expenses arising from transactions involving financial instruments held for trading purposes, complete with the full net income from FX operations. Also carried here are certain fees and commissions in connection with transactions involving financial instruments held for proprietary trading purposes and trading with precious metals. We carry the current interest income/expense resulting from held-for-trading portfolios (referred to as trading-induced interest) as well as dividend income in net interest income and in current income rather than in net trading income in accordance with our internal management.

21 Income from write-ups on receivables and certain securities and from the reversal of provisions in the lending business

Among other things, the item contains the following post-model adjustments as part of the general loan loss provisions:

- geopolitical post-model adjustment €191 million,
- adjustment for (partially) bullet financing €177 million and
- adjustment for Russia exposure €19 million.

22 Breakdown of other operating income and expenses

Other operating income primarily includes the following:

- income from the reversal of provisions other than provisions for lending and securities operations (€322 million, previous year: €74 million),
- cross-charged payroll costs and cost of materials (€86 million, previous year: €86 million)
- the recognition of income from services performed in earlier years (€10 million, previous year: €4 million).

Other operating expenses primarily include the following:

- additions to provisions other than provisions for lending and securities operations (€23 million, previous year: €131 million),
- compensation and ex gratia payments (€7 million, previous year: €15 million),
- expenses related to other periods (€3 million, previous year: €64 million), and
- expenses arising from the compounding and discounting of other provisions in the non-lending business (€1 million, previous year: €5 million).

23 Expenses from absorbed losses

In the reporting period there was no expense (previous year: €– million) from losses absorbed in other accounting periods.

24 Extraordinary income/expenses

The reported extraordinary income/expenses of minus €13 million (previous year period: €0 million) represents a merger loss.

25 Taxes on income

The income from current taxes on income of €534 million includes a net tax income of €19 million from previous years. Net tax income for the reporting year also includes tax income of €1,190 from the first-time exercise of the capitalisation option for deferred tax assets.

26 Net income for the year

In the financial statements of HVB, the profit available for distribution from the 2022 financial year, which is decisive for the appropriation of profit, amounts to €1,160 million. This is made up of net income for the year of €2,350 million generated in the reporting period, minus the transfer of €1,190 million to other retained earnings. We will propose to the Shareholders' Meeting that a dividend of €1,160 million be paid to UniCredit S.p.A. (UniCredit), Milan, Italy. This represents a dividend of around €1.45 per share after around €0.31 for the 2021 financial year. In accordance with a resolution adopted by the Shareholders' Meeting on 5 May 2021, the profit available for distribution of €245 million reported in the previous year was distributed to UniCredit on 10 May 2022.

Notes to the Balance Sheet

27 Breakdown by maturity of selected asset items

€ millions	2022	2021
A 3 b) Other loans and receivables with banks		
with residual maturity of less than 3 months	6,625	8,255
at least 3 months but less than 1 year	2,800	3,152
at least 1 year but less than 5 years	2,273	2,840
5 years or more	86	60
A 4 Loans and receivables with customers		
with residual maturity of less than 3 months	13,113	13,080
at least 3 months but less than 1 year	11,125	10,430
at least 1 year but less than 5 years	42,985	41,522
5 years or more	43,638	42,457
No fixed maturity	16,709	12,906
A 5 Bonds and other fixed-income securities, amounts due in the following year	9,676	6,012

28 Breakdown by maturity of selected liability items

€ millions	2022	2021
L 1 Deposits from banks		
L 1 b) with agreed maturity dates or periods of notice		
with residual maturity of less than 3 months	5,368	5,463
at least 3 months but less than 1 year	16,844	7,912
at least 1 year but less than 5 years	13,002	32,373
5 years or more	5,701	5,653
L 2 Deposits from customers		
L 2 ab) savings deposits with agreed periods of notice of at least 3 months		
with residual maturity of less than 3 months	10,703	1
at least 3 months but less than 1 year	—	13
at least 1 year but less than 5 years	—	3
5 years or more	—	—
L 2 b) registered Mortgage Pfandbriefe in issue		
L 2 c) registered Public Pfandbriefe in issue		
L 2 db) other debts with agreed maturity dates or periods of notice		
with residual maturity of less than 3 months	21,922	9,614
at least 3 months but less than 1 year	13,255	7,096
at least 1 year but less than 5 years	3,154	3,281
5 years or more	5,377	5,898
L 3 Debt securities in issue		
L 3 a) bonds, amounts due in following year	2,124	3,495
L 3 b) other debt securities in issue		
with residual maturity of less than 3 months	12,866	—
at least 3 months but less than 1 year	—	—
at least 1 year but less than 5 years	—	—
5 years or more	—	—

29 Amounts receivable from and payable to affiliates and companies in which participating interests are held

€ millions	2022		2021	
	AFFILIATES	PARTICIPATING INTERESTS	AFFILIATES	PARTICIPATING INTERESTS
Loans and receivables with banks	3,937	11	5,088	34
of which UniCredit S.p.A.	3,520	—	4,314	—
Loans and receivables with customers	649	1,632	1,116	821
Bonds and other fixed-income securities	—	11,632	—	7,831
of which UniCredit S.p.A.	—	—	—	—
Deposits from banks	3,684	142	1,626	142
of which UniCredit S.p.A.	3,237	—	1,025	—
Deposits from customers	477	462	792	3,365
Debt securities in issue	2,754	—	2,501	—
of which UniCredit S.p.A.	2,754	—	2,501	—
Subordinated liabilities	2,742	—	2,742	—

There have been a number of transactions involving UniCredit S.p.A. and other UniCredit group companies since the integration of HVB into the UniCredit group of companies.

In its role as centre of competence for markets and investment banking for the entire UniCredit group, HVB acts as counterparty for derivative transactions conducted by UniCredit companies. This involves hedge derivatives of UniCredit group companies that are externalised on the market by HVB.

30 Trust business

€ millions	2022	2021
Trust assets	(382)	374
Loans and receivables with banks	—	—
Loans and receivables with customers	(382)	374
Equity securities and other variable-yield securities	—	—
Participating interests	—	—
Other assets	—	—
Trust liabilities	382	374
Deposits from banks	381	373
Deposits from customers	1	1
Debt securities in issue	—	—
Other liabilities	—	—

KfW Schnellkredit loans in the amount of €379 million (previous year: €371 million) are reported. KfW Schnellkredit loans were set up by the federal government during the reporting year as a special programme of KfW to secure liquidity for companies. The Bank issues the KfW Schnellkredit loans in its own name at the expense of KfW. To this extent the KfW Schnellkredit loans are accounted for as loans taken out on a trust basis in accordance with Section 6 of the Ordinance Regarding Accounting for Banks (Verordnung über die Rechnungslegung der Kreditinstitute und Finanzdienstleistungsinstitute – RechKredV).

Notes to the Balance Sheet (CONTINUED)

31 Foreign-currency assets and liabilities

€ millions	2022	2021
Assets	31,960	37,739
Cash and cash balances	831	2,554
Treasury bills and other bills eligible for refinancing with central banks	—	—
Loans and receivables with banks	1,380	2,385
Loans and receivables with customers	11,317	13,583
Bonds and other fixed-income securities	7,856	8,654
Equity securities and other variable-yield securities	—	—
Held-for-trading portfolio (assets held for trading purposes)	10,297	10,313
Participating interests	10	10
Shares in affiliates	82	80
Trust assets	—	—
Intangible assets	—	—
Property, plant and equipment	2	2
Other assets	182	154
Prepaid expenses	3	4
Liabilities	25,604	25,096
Deposits from banks	4,313	4,180
Deposits from customers	14,391	15,159
Debt securities in issue	651	1,168
Held-for-trading portfolio (liabilities held for trading purposes)	5,986	4,056
Trust liabilities	—	—
Other liabilities	150	336
Deferred income	44	165
Provisions	69	32
Subordinated liabilities	—	—

The amounts shown represent the euro equivalents of all currencies.

32 Subordinated asset items

€ millions	2022	2021
Subordinated asset items	2,661	2,196
Loans and receivables with banks	—	—
Loans and receivables with customers	—	16
Bonds and other fixed-income securities	2,661	2,171
Equity securities and other variable-yield securities	—	—
Held-for-trading portfolio	—	9

33 Marketable debt and investments

The listed and unlisted marketable securities included in the respective balance sheet items break down as follows:

€ millions	2022			2021		
	TOTAL MARKETABLE SECURITIES	OF WHICH LISTED	OF WHICH UNLISTED	TOTAL MARKETABLE SECURITIES	OF WHICH LISTED	OF WHICH UNLISTED
Bonds and other fixed-income securities	58,958	43,628	15,330	55,439	42,806	12,633
Equity securities and other variable-yield securities	273	250	22	23	—	23
Held-for-trading portfolio	17,975	12,573	5,402	22,650	17,513	5,137
Participating interests	—	—	—	—	—	—
Shares in affiliates	—	—	—	—	—	—

Non-current marketable securities contain financial instruments carried at an amount higher than their fair value:

€ millions	2022		2021	
	CARRYING AMOUNT	FAIR VALUE	CARRYING AMOUNT	FAIR VALUE
Non-current securities	16,716	15,462	6,043	5,972
Bonds and other fixed-income securities	16,716	15,462	6,043	5,972
Equity securities and other variable-yield securities	—	—	—	—

Given the development of interest and rating risks, we do not believe that these securities are permanently impaired.

34 Held-for-trading portfolio

The following table shows the breakdown of assets held for trading purposes (asset item 6a) by financial instrument:

€ millions	2022	2021
Assets held for trading	68,720	67,796
Derivative financial instruments (positive fair values)	31,502	23,762
Loans and receivables	1,644	5,562
Bonds and other fixed-income securities	11,100	13,288
Equity securities and other variable-yield securities	8,045	11,169
Other assets	16,524	14,044
Less risk discount (for entire portfolio of assets held for trading purposes)	(95)	(29)

The following table shows the breakdown of liabilities held for trading purposes (liability item 3a) by financial instrument:

€ millions	2022	2021
Liabilities held for trading	46,994	37,070
Derivative financial instruments (negative fair values)	22,672	15,126
Liabilities (including delivery obligations arising from short sales of securities)	24,322	21,944

Derivatives held for trading purposes that were concluded under master agreements together with a credit support annex allowing for daily exchange of collateral were netted for each counterparty in the balance sheet. The netting for each counterparty encompasses both the carrying amount of the derivatives and the collateral provided. This involved netting positive fair values of €280.0 billion (previous year: €72.5 billion) with negative fair values of €278.4 billion (previous year: €73.7 billion) on derivatives held for trading with the associated receivables (€7.5 billion, previous year: €10.6 billion) and liabilities (€9.2 billion, previous year: €9.4 billion) from collateral provided.

Notes to the Balance Sheet (CONTINUED)

35 Investment funds

The following table contains information regarding shares in investment funds compliant with Section 285 no. 26 HGB for which the Bank's holding exceeds 10% of the total number of shares:

€ millions	2022				2021			
	CARRYING AMOUNT	FAIR VALUE	DIFFERENCE CARRYING AMOUNT/ FAIR VALUE	DIVIDEND PAYMENTS	CARRYING AMOUNT	FAIR VALUE	DIFFERENCE CARRYING AMOUNT/ FAIR VALUE	DIVIDEND PAYMENTS
Total investment funds	584	584	—	6.0	764	764	—	4.8
Equity funds	214	214	—	1.1	194	194	—	0.8
Mixed funds	69	69	—	0.9	238	238	—	3.5
Index funds	128	128	—	3.2	118	118	—	0.5
Bond funds	91	91	—	—	106	106	—	—
Funds of funds	82	82	—	0.8	108	108	—	—

Under Section 246 (2) HGB, assets to which all other creditors do not have access and which serve exclusively to settle liabilities arising from pension commitments or similar long-term commitments must be offset against these liabilities. Where these assets represent shares in investment funds, they are not shown in this table.

The shares listed in this table are held in either the Bank's held-for-trading portfolio or its liquidity reserve. Where necessary, the holdings in the liquidity reserve are always written down to the lower fair value.

In the case of the information regarding the dividend payments, it should be noted that the positions included in the table frequently represent investment funds that reinvest dividends in themselves. Consequently, the dividend payments shown in the table serve only as a limited indicator for the performance of the investment funds.

There are no indications of a restriction on daily return for the shares listed here.

36 Analysis of non-current assets

€ millions	INTANGIBLE ASSETS			PROPERTY, PLANT AND EQUIPMENT				OTHER NON-CURRENT ASSETS
	SOFTWARE	DOWN PAYMENTS	OTHER INTANGIBLE ASSETS	TOTAL	LAND AND BUILDINGS	FURNITURE AND OFFICE EQUIPMENT	TOTAL	
Acquisition/production costs								
Balance as at 1/1	515	1	—	516	226	220	446	21
Additions from merger	—	—	—	—	—	—	—	—
Additions	1	1	—	2	—	2	2	—
Disposals	3	—	—	3	1	9	10	—
Reclassifications ¹	1	(1)	—	—	—	3	3	—
Post-capitalisation	—	—	—	—	—	—	—	—
Balance as at 31/12	514	1	—	515	225	216	441	21
Depreciation/amortisation								
Balance as at 1/1	512	—	—	512	125	186	311	—
Additions from merger	—	—	—	—	—	—	—	—
Additions	2	—	—	2	2	5	7	—
of which non-scheduled	—	—	—	—	—	—	—	—
Disposals	3	—	—	3	1	8	9	—
Reclassifications ¹	—	—	—	—	(1)	4	3	—
Write-ups	—	—	—	—	—	—	—	—
Balance as at 31/12	511	—	—	511	125	187	312	—
Net book value								
Balance as at 1/1	3	1	—	4	101	34	135	21
Balance as at 31/12	3	1	—	4	100	29	129	21

¹ Including changes in value due to currency translation.

The carrying amount of the land and buildings used for the Bank's own purposes amounts to €99 million (previous year: €101 million) at 31 December 2022.

€ millions	ACQUISITION COST	CHANGES +/- ¹	NET BOOK VALUE 31/12/2022	NET BOOK VALUE 31/12/2021
Participating interests	169	(64)	105	104
Shares in affiliates	1,661	(212)	1,449	1,410
Investment securities	18,614	8	18,622	18,614

¹ Use has been made of the possibility of combining amounts allowed by Section 34 (3) RechKredV.

Notes to the Balance Sheet (CONTINUED)

37 Other assets

The following table shows the main items included in other assets:

€ millions	2022	2021
Claims to dividends from affiliates	399	62
Claims to tax reimbursements	168	667
of which:		
claims from non-income tax	3	496
claims from income tax	165	172
Proportion of income from commission/interest not yet received	124	129
Collateralisation of listed derivatives	43	30
Capital investments with life insurers	30	31
Precious metals portfolio	27	52
Trade debtors	27	25
Works of art	21	21
Proportion of income from portfolio fees	13	13

38 Prepaid expenses

The prepaid expenses arising from issuing and lending operations include the following:

€ millions	2022	2021
Discounts on funds borrowed	93	40
Premiums on amounts receivable	—	1

39 Provisions for pensions and similar commitments

An amount payable of €2,096 million arising from liabilities due to pension and similar commitments was set against offset plan assets with a fair value of €1,397 million. The excess of the commitments over the plan assets is disclosed in the balance sheet as provisions for pensions and similar commitments (€699 million). The acquisition cost of the offset plan assets totalled €1,557 million. The assets involved are essentially fund shares, subordinated bonds, investments, and cash and cash equivalents.

€ millions	2022	2021
Amount payable for offset pension and similar commitments (average interest rate 7 years)	2,267	2,544
Amount payable for offset pension commitments (average interest rate 10 years)	2,096	2,277
Fair value of offset plan assets	1,397	2,395
Omitted transitional allocation	—	—
Excess of plan assets over the commitments, including the shortfall	—	118
Acquisition cost of the offset plan assets	1,557	2,049

The following table shows the excess of pension commitments contained in other operating income/expenses:

€ millions	2022	2021
Surplus from pension commitments	(461)	(3)
Income from plan assets used to offset pension and similar commitments	99	47
Expense component of the change in provisions for pensions and similar commitments	42	44
Expenses from plan assets used to offset pension and similar commitments	517	6

40 Assets assigned or pledged as security for own liabilities

Assets were assigned or pledged as security for the following liabilities:

€ millions	2022	2021
Assets assigned or pledged as security for own liabilities	16,608	19,255
Deposits from banks	16,282	17,276
Deposits from customers	326	1,979

In addition, collateral is pledged to the ECB, irrespective of whether this is actually used to borrow funds or not. At the reporting date, the volume of pledged collateral amounted to €24,545 million (previous year: €28,951 million).

Examples of own liabilities for which HVB provides collateral are special credit facilities provided by KfW and similar institutions, which the Bank has passed on as loans in compliance with their conditions.

As a seller under repurchase agreements, HVB has transferred assets with a book value of €3,112 million (previous year: €6,056 million) to its funding partners. The total includes €1,569 million (previous year: €1,690 million) relating to own securities holdings. These securities continue to be disclosed as HVB's assets. The consideration received in return is stated under liabilities. They comprise mainly international money market transactions.

At the same time, further assets totalling €12,295 million (previous year: €15,798 million) were pledged as security for securities lending transactions and exchange-traded derivatives. In setting up a contractual trust arrangement (CTA), HVB transferred collateral to the asset administrator to secure pension and semi-retirement obligations. Pursuant to Section 8a AltZG, employers are required to secure credit exceeding three times the amount of normal earnings, including the associated employer's contribution to the total social security charge, against the risk of insolvency. Recognised provisions and obligations to cover the costs of other group companies are not considered suitable means of security.

41 Other liabilities

The following table shows the main items included in other liabilities:

€ millions	2022	2021
Amounts owed to special purpose entities	10,794	7,000
Taxes payable	34	535
Obligations arising from debts assumed	40	40
Other amounts owed to employees	31	39
Liabilities from losses absorbed from subsidiaries	3	10
Amounts yet to be distributed from outplacements, etc.	3	1
Trading book valuation reserves	—	—

1 Previous-year figure adjusted.

The true sale transactions included under amounts owed to special purpose entities were carried out with a view to using the securities generated as collateral for repurchase agreements with the ECB. The underlying receivables are still recognised by HVB. All tranches are retained by the Bank, meaning that there is no corresponding reduction in risk-weighted assets.

The obligations arising from debts assumed contain obligations arising from the liquidation of media funds.

The taxes payable include liabilities from other taxes of €33 million (previous year: €534 million).

Notes to the Balance Sheet (CONTINUED)

42 Deferred income

Discounts on amounts receivable shown at nominal value totalled €6 million (previous year: €6 million). Furthermore, other deferred income includes processing fees of €143 million (previous year: €119 million), interest of €24 million (previous year: €145 million) collected in advance, and accrued commissions of €14 million (previous year: €6 million).

43 Provisions

Other provisions include the following items:

€ millions	2022	2021
Total other provisions	2,026	2,290
Restructuring	627	722
Provisions for losses on guarantees and indemnities	360	366
Payments to employees	263	297
Payments for early retirement, semi-retirement and similar	214	166
Legal risks	181	183
Valuation units	97	149
Anniversary bonus payments	23	24
Bonuses on saving plans	—	—
Other	261	383

The provisions for legal risks shown under provisions for uncertain liabilities also contain provisions for litigation fees and payments of damages. Other provisions include provisions for dismantling obligations, among other things.

44 Subordinated liabilities

At the reporting date, interest expenses on subordinated liabilities amounted to €131 million (previous year: €143 million). This item includes accrued interest of €14 million (previous year: €14 million).

The borrower cannot be obliged to make early repayment in the case of subordinated liabilities. In the event of insolvency or liquidation, subordinated loans are only repaid after the claims of all primary creditors have been settled. For the purposes of a bank's liable funds as defined under banking supervisory regulations, subordinated liabilities are regarded as supplementary (Tier 2) capital.

HVB issued regulatory own funds in the form of a Tier 2 bond at the end of June 2020, which was fully subscribed by UniCredit S.p.A. This is contained in the balance sheet item "Debt securities in issue". The Bank is optimising its capital structure with the issue, also against the backdrop of the changes in regulatory requirements by the European Banking Authority (EBA). The subordinate bond meets the criteria set out in the Capital Requirements Regulation (CRR II) as Tier 2 capital and can also be used to meet MREL requirements (SRMR II).

The subordinate bond has a volume of €800 million and a term of ten years with a repayment option for the issuer after five years. The bond has a fixed-interest rate of 3.469% for the first five years that is re-fixed after five years based on the then valid 5-year swap rate plus a spread of 380 basis points provided the bond is not repaid after five years. The conditions at the time of issuance (at arm's length) are in line with the market.

Shareholders' Equity

45 Analysis of shareholders' equity shown in the balance sheet

€ millions	
a) Called-up capital	
Subscribed capital	
Balance as at 1 January 2022	2,407
Balance as at 31 December 2022	2,407
b) Additional paid-in capital	
Balance as at 1 January 2022 ¹	9,792
Balance as at 31 December 2022	9,792
c) Retained earnings	
ca) Legal reserve	
Balance as at 1 January 2022	—
Balance as at 31 December 2022	—
cb) Reserve for shares in a controlling or majority interest-holding company	
Balance as at 1 January 2022	19
Withdrawal from reserve for shares in a controlling or majority interest-holding company	9
Transfer to reserve for shares in a controlling or majority interest-holding company	—
Balance as at 31 December 2022	10
cc) Reserve provided for in the Articles of Association	
Balance as at 1 January 2022	—
Balance as at 31 December 2022	—
cd) Other retained earnings	
Balance as at 1 January 2022 ¹	1,032
Withdrawal from other retained earnings	—
Transfer to other retained earnings	1,199
Balance as at 31 December 2022	2,231
d) Profit available for distribution	
Balance as at 1 January 2022	245
Dividend payout of HVB for 2021	245
Withdrawal from other retained earnings	—
Transfer to other retained earnings	1,190
Net income for the year 2022	2,350
Balance as at 31 December 2022	1,160
Shareholders' equity	
Balance as at 31 December 2022	15,600

¹ Due to rounding differences additional paid-in capital and retained earnings were adjusted for the previous year

Shareholders' Equity (CONTINUED)

46 Holdings of HVB stock in excess of 5%

in %	2022	2021
UniCredit S.p.A.	100.0	100.0

Compliant with Section 271 (2) HGB, HVB is an affiliate of UniCredit S.p.A., Milan, Italy, and is included in the consolidated financial statements of UniCredit, which can be obtained from the Trade and Companies Register in Milan, Italy.

47 Amounts not available for distribution

The measurement at fair value of offsetting plan assets in connection with pension commitments and semi-retirement agreements gives rise to an amount of €37 million (previous year: €345 million). The amount not available for distribution arising from the difference between the valuation of the provisions for pension commitments based on the respective average market rate of the past ten financial years and their valuation based on the respective average market rate of the past seven financial years totalled €170 million as at the reporting date (previous year: €267 million).

In addition, the deferred taxes of €1,190 million capitalised for the first time as at 31 December 2022 are subject to a dividend payout freeze.

Free reserves are available to cover amounts that are not available for distribution.

48 List of shareholdings pursuant to Section 285 No. 11, 11a HGB, Section 340a (4) HGB

For a detailed list of shareholdings, reference is made to the section entitled "List of Holdings" in these annual financial statements.

Other Information

49 Report on subsequent events (events after the end of the reporting period)

In January, HVB decided to sell its equity-valued shares in Comtrade Group B.V. and started sales negotiations. Completion is expected in the first quarter.

50 Contingent liabilities and other financial commitments

The following table shows the breakdown of contingent liabilities arising from guarantees and indemnity agreements totalling €29,532 million:

€ millions	2022	2021
Guarantees and indemnities	27,094	23,687
Loan guarantees	598	904
Documentary credits	1,840	3,376
Total	29,532	27,967
of which to:		
affiliates	1,729	2,621
associates	1	9

Irrevocable lending commitments totalling €68,603 million break down as follows:

€ millions	2022	2021
Book credits	61,958	57,323
Mortgage and municipal loans	2,405	2,381
Guarantees	4,240	3,223
Bills of exchange	—	—
Total	68,603	62,927
of which to:		
affiliates	100	131
associates	—	—

Utilisation by the Bank on account of the contingent liabilities and other commitments that it has entered into is possible as part of its banking activities. Thus, every loan is fundamentally granted by utilising a previously made lending commitment that is shown under other commitments. Although utilisation by the Bank under contingent liabilities is not very probable in the case of guarantees it has issued, the possibility cannot be excluded. Utilisation is also the general case with regard to the documentary credits also shown here, as these are employed in the handling of foreign trade payments.

The key factor in this regard is that utilisation by the Bank under its contingent liabilities and other commitments does not generally lead to a loss. Instead, it results in the loan granted being recognised as is the case when a lending commitment is utilised. Provisions for anticipated losses on pending transactions that are required due to commitments to make payouts to defaulting borrowers are set up and deducted from the disclosed contingent liabilities and other commitments.

As a member of the deposit guarantee scheme in Germany, UniCredit Bank AG is liable in accordance with the current provisions.

Other Information (CONTINUED)

In previous years HVB made use of the option to provide up to 15% of the annual contribution to the bank restructuring fund in the form of fully secured payment claims (irrevocable payment commitments) in accordance with Section 12 of the German Bank Restructuring Fund Act (Restrukturierungsfondsgesetz – RStruktFG). The cash collateral provided for this purpose amounted to €104 million at the reporting date. No new irrevocable payment commitments were issued in the reporting period.

In previous years HVB made use of the option to provide up to 30% of the annual contribution to the deposit guarantee scheme of German banks in the form of fully secured payment claims (irrevocable payment commitments) in accordance with Section 5a (10) of the German Statute of the Deposit Guarantee Scheme (Statut des Einlagensicherungsfonds – SESF). The financial and cash collateral provided for this purpose amounts to €22 million at the reporting date. No new irrevocable payment commitments were issued in the reporting period.

HVB made use of the option in previous years to provide up to 30% of the annual contribution to the compensation scheme of German banks in the form of fully secured payment claims (irrevocable payment commitments) in accordance with Section 19 of the Regulation on the Financing of the Compensation Scheme of German Banks (Entschädigungseinrichtungs-Finanzierungsverordnung – EntschFinV). The financial collateral provided for this purpose amounts to €39 million at the reporting date (previous year: €39 million). No new irrevocable payment commitments were issued in the reporting period.

Legal risks can give rise to losses for HVB, the occurrence of which is greater than improbable but less than probable, and for which no provisions have been set aside. Such legal risks may result from negative developments in proceedings under civil law and the tendency for rulings to be made in favour of consumers or customers. The assessment of the risk of loss may prove to be too low or too high, depending on the outcome of the proceedings. HVB assumes that it will not be necessary to utilise the vast majority of the contingent liabilities arising from legal risks, meaning that the amounts are not representative of actual future losses. Such contingent liabilities arising from significant legal risks for which an estimate is possible amounted to €64 million at year-end 2022 after €51 million at year-end 2021.

Other financial commitments arising in particular from real estate and IT operations total €563 million (previous year: €558 million). A large part of the total relates to contracts with subsidiaries (€458 million (previous year: €441 million)). The contracts run for standard market periods, and no charges have been put off to future years.

At the reporting date, HVB had pledged securities worth €2,195 million (previous year: €2,945 million) as collateral for transactions with Eurex Frankfurt AG, Frankfurt am Main.

As part of real estate financing and development operations, HVB has assumed rental obligations and pre-emptive rights or issued rental guarantees to make fund constructions more marketable – in particular for lease funds and (closed-end) KG real estate funds. Provisions have been set aside to cover identifiable risks arising from such guarantees.

Commitments for uncalled payments on shares not fully paid up amounted to €4 million in the reporting year (previous year: €6 million), and similar obligations for shares in cooperatives totalled €1 thousand (previous year: €1 thousand). HVB was not liable for any defaults on such calls under Section 22 (3) and Section 24 Limited Liability Companies Act (Gesetz betreffend Gesellschaften mit beschränkter Haftung – GmbHG).

Where employees are granted a bonus that is disbursed over a period of several years under their variable compensation arrangements, the expense is to be taken to the income statement over the period on a pro rata basis accordingly. Hence, an expense accrued for the bonus commitments for the years 2017 to 2022 in the reporting period. Especially in the case of the group of employees identified as “risk-takers”, the German regulations governing institutions’ remuneration systems (Instituts-Vergütungsverordnung) requires the bonus in a financial year to be disbursed over a period of several years. The bonus is granted subject to the proviso that the beneficiaries satisfy specific criteria (in the case of bonuses granted in the form of shares, stock options or deferred cash payments) that comply with both the regulatory requirements and the Bank’s own rules. In addition, the bonus is linked to further conditions such as a malus arrangement that ensures that negative contributions to earnings and any compliance violations are taken into account when determining the deferred variable compensation components or when determining the bonus. Provisions totalling €101 million were set aside in the income statement at 31 December 2022 (previous year: €103 million) in connection with bonus commitments. The final amount disbursed may be higher, should the plan conditions be met.

In its function as personally liable partner, HVB had unlimited liability from the participating interest in the partnership Bayerischer BankenFonds GbR, Munich, at the reporting date, as was the case in the previous year.

With a Statement of Responsibility dated 21 December 1993, HVB issued an undertaking to the State of Baden-Wuerttemberg (Ministry of Finance) to assume a liquidity provision obligation in the event of the sale, liquidation or bankruptcy of HVB Projekt GmbH.

51 Statement of Responsibility

HVB ensures that, to the extent of its respective shareholding, the company set forth below is in a position to meet its contractual obligations except in the event of political risks:

Financial companies
UniCredit Leasing GmbH, Hamburg

To the extent that HVB’s shareholding in the company is reduced in the future, HVB’s commitment arising under the above Statement of Responsibility also declines for those contractual obligations of the company that are established only after HVB’s shareholding decreased. In case HVB is no longer a shareholder of the company listed above, its commitment under the above Statement of Responsibility ends on the date on which its shareholding ceased for those contractual liabilities of the company that are established only after our shareholding was ceased.

HVB no longer provides a Statement of Responsibility for companies for which a Statement of Responsibility was provided in earlier annual reports but which no longer appear in the above list. The liabilities of these companies arising before the reduction or cessation of the shareholding are only covered by such Statements of Responsibility that were provided before the reduction or cessation of the shareholding in each case.

52 Auditor’s fees

HVB has exercised the option provided by Section 285 No. 17 HGB and refers to the disclosures regarding the fees paid to the independent auditor made in the section of the consolidated financial statements at 31 December 2022 entitled “Other Information”.

Other Information (CONTINUED)

53 Off-balance-sheet transactions

Special purpose entities

HVB maintains business relations with a number of special purpose entities that pursue varying business models and hold various different types of assets. HVB's business relations with the special purpose entities are recognised in the financial statements either on or off the balance sheet.

The Bank uses special purpose entities to securitise both the Bank's own receivables and customer receivables. The latter involve commercial paper conduits for which the Bank provides guarantees and liquidity facilities.

In the case of the Bank's own receivables, the special purpose entities mainly serve to procure liquidity. These do not, however, result in the securitised receivables being taken off the books as they involve securitisation transactions with all risks retained to create securities as collateral with central banks. The securitisation of customer receivables is generally accompanied by an improvement in the customer's liquidity situation and a broadening of the funding base, whereby the Bank generates income from the structuring service and the facilities provided. HVB may face economic disadvantages, in particular, should the facilities provided be drawn down.

In addition, there are special purpose entities for which HVB acts solely as an investor, for instance to purchase securities or grant loans. The ensuing risks may lead to write-downs being recognised on the positions involved.

In some instances, HVB controls a special purpose entity from an economic point of view, which entails full consolidation of the special purpose entity in the consolidated financial statements of HVB Group.

Revocable credit commitments

HVB has granted its customers credit and liquidity facilities that are callable at any time and are not shown either on or off the balance sheet. The advantage for HVB from this customary, standardised product lies in the possibility of generating additional interest and commission income. This is set against the risk of a deterioration in the financial situation of those customers to whom these credit commitments were made.

Outsourcing of activities

Like other affiliates, HVB has outsourced IT activities and activities relating to the settlement of transactions to UniCredit S.p.A., Milan. The goal is to exploit synergies and make it possible to provide fast, high-quality IT services and to make settlement services available in line with a standard business and operating model.

HVB has outsourced activities in the fields of payments, document management and archiving in Germany and the settlement of securities transactions in Germany and at its Milan branch to external service providers. The purpose of this for HVB is to permanently reduce its operating costs.

54 Regulatory disclosure requirements (Disclosure Report)

HVB has been classified as a large subsidiary of UniCredit S.p.A. within the meaning of Article 13 (1) of the Capital Requirements Regulation (CRR II), making it subject to the scope of the CRR II (Article 13 (1) and Part 8 CRR II) and certain extended regulatory disclosure requirements in accordance with Section 26a KWG (disclosure under Pillar III).

HVB discloses this information on a standalone basis in the form of a separate disclosure report. This report is produced on an annual basis as at 31 December and at each quarter-end during the year and published on www.hvb.de > About us > Investor Relations > Reports. The publication for the reporting date of 31 December is scheduled for shortly after the publication of the Annual Report. The interim reports should be published shortly after submission of the regulatory COREP report to the supervisory authorities responsible.

The disclosure of the remuneration policy and practices for those categories of staff whose professional activities have a material impact on the HVB's risk profile (known as "risk takers") required by Article 450 CRR in conjunction with Section 16 (1) of the German Remuneration Regulation for Institutions (Institutsvergütungsverordnung – InstitutsVergV) takes the form of a separate report for HVB. This is drawn up once a year as at 31 December and published in the second quarter of the following year www.hvb.de > About us > Investor Relations > Corporate Governance.

55 Own funds

Pursuant to Article 72 CRR II, for regulatory purposes own funds consists of Tier 1 capital and Tier 2 capital; they amounted to €17,786 million at year-end 2022 (previous year: €16,380 million) based on annual financial statements approved by the Supervisory Board. We have not allocated any unrealised reserves to Tier 2 capital compliant with Section 10 (2b) KWG as applicable until 31 December 2013.

The eligible capital calculated in accordance with Article 4(1) 71b in conjunction with Article 494 CRR II is used among other things for loans to executive board members and for investment limits. It amounted to €17,786 million at year-end 2022 (previous year: €16,380 million). With the amendments to the large exposure rules in CRR II, which came into force at the end of June 2021, Tier 1 capital is to be used for the purpose of determining the reporting thresholds and the upper limits for large exposures. According to the annual financial statements, Tier 1 capital is €16,362 million at the end of 2022.

Other Information (CONTINUED)

56 Derivative financial instruments

€ millions	NOMINAL AMOUNT					FAIR VALUE			
	RESIDUAL MATURITY			TOTAL		POSITIVE		NEGATIVE	
	UP TO 1 YEAR	MORE THAN 1 YEAR UP TO 5 YEARS	MORE THAN 5 YEARS	2022	2021	2022	2021	2022	2021
Interest rate derivatives	2,539,194	2,104,913	2,231,960	6,876,067	5,584,773	284,184	68,611	281,753	63,899
OTC products									
Forward rate agreements	1,185,676	42,913	—	1,228,589	941,783	2,602	48	2,721	45
Interest rate swaps	1,242,122	1,903,822	2,130,912	5,276,856	4,253,295	274,036	62,756	273,966	57,833
Interest rate options									
- purchased	19,201	64,485	47,294	130,980	114,163	4,857	5,435	198	204
- written	20,585	72,152	53,242	145,979	142,101	249	255	4,680	5,664
Other interest rate derivatives	19,442	13,955	512	33,909	42,603	2,440	116	188	152
Exchange-traded products									
Interest rate futures	43,168	7,586	—	50,754	61,177	—	—	—	—
Interest rate options	9,000	—	—	9,000	29,650	—	—	—	—
Foreign exchange derivatives	228,858	42,608	2,050	273,516	262,402	4,440	2,641	4,410	2,613
OTC products									
Foreign exchange forwards	180,400	30,489	2,046	212,935	210,513	3,579	2,192	3,800	2,213
Foreign exchange options									
- purchased	19,827	5,348	2	25,177	23,790	274	204	163	136
- written	22,331	6,771	2	29,104	28,003	264	184	447	265
Other foreign ex-change derivatives	6,275	—	—	6,275	62	323	62	—	—
Exchange-traded products									
Foreign exchange futures	25	—	—	25	34	—	—	—	—
Foreign exchange options	—	—	—	—	—	—	—	—	—
Interest rate/cross-currency swaps	40,339	108,978	65,048	214,365	211,063	7,076	4,380	8,859	3,731
Equity/index derivatives	114,604	79,363	18,215	212,182	192,857	8,175	6,669	6,002	5,848
OTC products									
Equity/index swaps	5,579	13,288	8,364	27,231	16,486	2,189	368	359	422
Equity/index options									
- purchased	3,250	4,847	3,911	12,008	7,538	532	278	110	12
- written	36,522	15,517	3,218	55,257	29,087	358	297	909	515
Other equity/index derivatives	18,814	678	19	19,511	29,461	1,946	1,819	39	3
Exchange-traded products									
Equity/index futures	21,273	5,511	1,916	28,700	25,829	—	—	—	—
Equity/index options	27,616	39,023	760	67,399	82,844	3,150	3,907	4,585	4,896
Equity swaps	1,550	499	27	2,076	1,611	—	—	—	—
Credit derivatives	2,563	50,617	448	53,628	17,741	256	210	564	334
Other transactions	38,032	19,664	1,204	58,900	61,233	4,139	4,685	3,675	7,075
HVB	2,963,590	2,406,143	2,318,925	7,688,658	6,330,069	308,270	87,197	305,263	83,500

Most of the derivatives are held for trading purposes.

The banking book contains derivatives with positive fair values of €1,071 million (previous year: €1,265 million) and negative fair values of €368 million (previous year: €308 million).

57 Employees

AVERAGE NUMBER OF PEOPLE EMPLOYED BY US	2022	2021
Staff (excluding trainees)	11,564	11,815
of whom:		
full-time	8,284	8,592
part-time	3,280	3,223
Trainees	228	248

STAFF'S LENGTH OF SERVICE in %	WOMEN	MEN	2022	2021
	(EXCLUDING TRAINEES)		TOTAL	TOTAL
25 years or more	38.1	26.1	32.5	32.1
15 to 25 years	27.0	26.1	26.6	26.1
10 to 15 years	8.7	12.3	10.4	12.7
5 to 10 years	7.5	11.1	9.2	10.4
less than 5 years	18.6	24.4	21.4	18.7

58 Remuneration

€ thousands	SHORT-TERM COMPONENTS		LONG-TERM INCENTIVES		POST-EMPLOYMENT BENEFITS	TERMINATION BENEFITS	TOTAL
	FIXED SALARY	SHORT-TERM PERFORMANCE RELATED CASH REMUNERATION	LONG-TERM PERFORMANCE RELATED CASH REMUNERATION	SHARE-BASED PAYMENTS			
2022							
Members of the Management Board of UniCredit Bank AG	4,148	127	42	706	1,228	—	6,251
Members of the Supervisory Board of UniCredit Bank AG for Supervisory Board activities	822	—	—	—	—	—	822
Members of the Supervisory Board of UniCredit Bank AG for activities as employee representatives	475	26	—	—	39	—	540
Former members of the Management Board of UniCredit Bank AG and their surviving dependants	428	55	1,010	1,697	20,543	1,125	24,858
2021							
Members of the Management Board of UniCredit Bank AG	4,321	565	254	267	1,179	—	6,586
Members of the Supervisory Board of UniCredit Bank AG for Supervisory Board activities	824	—	—	—	—	—	824
Members of the Supervisory Board of UniCredit Bank AG for activities as employee representatives	561	40	—	—	33	—	634
Former members of the Management Board of UniCredit Bank AG and their surviving dependants	248	58	114	1,814	15,955	—	18,189

It is the task of the Bank's full Supervisory Board to decide on the total remuneration paid to the individual members of the Management Board and to review the structure of the remuneration systems for the Management Board. The full Supervisory Board receives assistance in this regard from the Remuneration Control Committee, which submits appropriate proposals to the full Supervisory Board. Appropriateness and sustainability are key criteria for the form and structure of the remuneration paid to the members of the Management Board. The structure of remuneration is derived from the employment agreements with the members of the Management Board. It has two components: a fixed salary and a variable element. The variable remuneration is normally granted in deferred tranches over several years in the form of cash and in shares, with disbursement dependent upon defined corporate targets being achieved in the subsequent years.

Other Information (CONTINUED)

Pension commitments for eight currently active members of the Management Board and one member who resigned during the year are shown in the table alongside the direct remuneration. Of these members of the Management Board, seven members took part in the employer-financed, fund-linked pension scheme for executives (known as AgfA) in 2022. The Bank will provide/has provided 35% of the fixed salary contributions (reporting period (2022: €1,715 thousand; 2021: €1,129 thousand).

Non-monetary compensation and other fringe benefits are granted to members of the Management Board to the usual extent. The amounts involved are included in the totals for fixed remuneration shown.

Remuneration paid to members of the Management Board for positions on supervisory boards of any UniCredit group companies is surrendered to HVB.

At 31 December 2021, there were provisions of €44 million (previous year: €49 million) for pensions payable to former members of the Management Board and retired members of the Management Board of HVB and their surviving dependants, as calculated in accordance with actuarial principles using the projected unit credit method, taking into account anticipated future rises in pensions.

Share-based payments were granted to the members of the Management Board under the Group Incentive Scheme in the reporting period as follows:

SHARES GRANTED TO MEMBERS OF THE MANAGEMENT BOARD OF UNICREDIT BANK AG	2022	2021
Number of shares granted	84,133	55,892
Fair value on grant date (€)	9.251	9.004

59 Loans to executive board members

Loans and advances made to, and contingent liabilities and liabilities assumed for, related parties at the reporting date were as follows:

€ thousands	2022			2021		
	LOANS AND ADVANCES	CONTINGENT LIABILITIES	LIABILITIES	LOANS AND ADVANCES	CONTINGENT LIABILITIES	LIABILITIES
Members of the Management Board and their related parties	4,713	—	3,144	3,265	131	2,256
Members of the Supervisory Board and their related parties	—	—	669	—	—	484
Members of the Group Executive Committee ¹ and their related parties	—	—	125	—	—	—
Companies controlled by the persons listed above	—	—	—	—	—	—

¹ Excluding members of the Management Board and Supervisory Board of UniCredit Bank AG.

Members of the Supervisory Board and Management Board at HVB and members of the Group Executive Committee of UniCredit S.p.A. and their respective immediate family members are considered related parties.

Mortgage loans with interest rates of between 0.35% and 2.03% were granted to members of the Management Board and their immediate family members falling due in the period from 2024 to 2049.

All banking transactions involving the group of people listed were conducted at customary market terms with the usual collateral.

60 Supervisory Board¹

Andrea Orcel

Florian Schwarz

Dr Bernd Metzner

Gianpaolo Alessandro

Chairman

Deputy Chairmen

Sabine Eckhardt
since 1 March 2022

Prof Dr Annette G. Köhler
until 28 February 2022

Dr Claudia Mayfeld

Fiona Melrose

Claudia Richter

Thomas Schöner

Oliver Skrbot

Christian Staack

Gregor Völkl

Members

¹ As at 31 December 2022.

Other Information (CONTINUED)

61 Management Board¹

Dr Michael Diederich	Spokesman of the Management Board People & Culture (incl. Human Capital/Labour and Social Affairs in acc. with the Law on the co-determination of workers in cross-border mergers (MgVG))
Artur Gruca since 1 September 2022	Digital & Information (CDIO)
Marion Höllinger	Private Clients Bank
Dr Jürgen Kullnigg	Risk Management (CRO)
Jan Kupfer	Corporates
Christian Reusch	Client Solutions (formerly Corporate & Investment Banking)
Boris Scukanec Hopinski	Operations Germany (COO)
Ljubisa Tesić	Finance (CFO)

¹ As at 31 December 2022.

List of Executives and Outside Directorships

62 Supervisory Board

Name, occupation, place of residence	Positions on statutory supervisory boards of other German companies ¹	Position on comparable boards of German and foreign companies ¹
<p>Andrea Orcel</p> <p>Group Chief Executive Officer of UniCredit and Head of Italy of Unicredit S.p.A., Milan</p> <p>Chairman</p>		<p>EIS Group Ltd., Hamilton (Bermuda)</p>
<p>Florian Schwarz</p> <p>Employee of UniCredit Bank AG, Munich</p> <p>Deputy Chairman</p>		
<p>Dr Bernd Metzner²</p> <p>Chief Financial Officer of Gerresheimer AG, Düsseldorf</p> <p>Deputy Chairman</p>	<p>Gerresheimer Bünde GmbH, Bünde (Deputy Chairman)</p> <p>Gerresheimer Regensburg GmbH, Regensburg (Deputy Chairman)</p> <p>Gerresheimer Tettau GmbH, Tettau (Deputy Chairman)</p>	<p>Gerresheimer Glass Inc., Vineland (USA)</p> <p>Centor US Holding Inc., Perrysburg (USA)</p> <p>Centor Inc., Perrysburg (USA)</p> <p>Centor Pharma Inc., Perrysburg (USA)</p> <p>Coming Pharmaceutical Packaging LLC, New York (USA)</p> <p>Senile Medical AG, Olten (Switzerland)</p>
<p>Gianpaolo Alessandro</p> <p>Group Legal Officer and Secretary of the Board of Directors of UniCredit S.p.A., Milan</p> <p>Deputy Chairman</p>		<p>Compagnia Aerea Italiana S.p.A., Rome</p> <p>MidCo S.p.A., Rome</p>
<p>Sabine Eckhardt² since 1 March 2022</p> <p>Member of the Supervisory Board and Advisor, Munich</p>	<p>CECONOMY AG, Düsseldorf</p>	
<p>Prof Dr Annette G. Köhler until 28 February 2022</p> <p>University Professor and Chair of Accounting, Auditing and Controlling, University of Duisburg-Essen, Faculty of Business Administration – Mercator School of Management, Düsseldorf</p>	<p>DMG MORI AKTIENGESELLSCHAFT, Bielefeld</p> <p>GEA Group Aktiengesellschaft, Düsseldorf</p>	<p>DKSH Holding AG, Zurich</p>
<p>Dr Claudia Mayfeld</p> <p>Member of the Management Board of Knorr-Bremse Aktiengesellschaft, Dortmund</p>	<p>Knorr-Bremse Systeme für Schienenfahrzeuge GmbH, Munich,</p> <p>Knorr-Bremse Systeme für Nutzfahrzeuge GmbH, Munich, since 1 March 2022 (Chairwoman from 1 April 2022 to 6 December 2022)</p>	
<p>Fiona Melrose</p> <p>Head of Group Strategy and ESG of UniCredit S.p.A., Milan</p>		
<p>Claudia Richter</p> <p>Employee of UniCredit Bank AG, Fürth</p>		

List of Executives and Outside Directorships (CONTINUED)

Name, occupation, place of residence	Positions on statutory supervisory boards of other German companies ¹	Position on comparable boards of German and foreign companies ¹
Thomas Schöner Employee of UniCredit Bank AG Luxembourg Branch, Saarwellingen		
Oliver Skrbot Employee of UniCredit Bank AG, Buttenwiesen		
Christian Staack Employee of UniCredit Bank AG, Hamburg		
Gregor Völkl Unit manager of Vereinte Dienstleistungsgewerkschaft ver.di Unit 1 – Financial Services Munich district, Munich		

¹ As at 31 December 2022.

² Other directorships (compare Article 435 (2a) CRR): Dr Bernd Metzner holds four other directorships within the Gerresheimer Group. Ms Eckhardt held a total of four directorships within the Jones Lang La Salle Group until 31 March 2022.

63 Management Board

Name	Positions on statutory supervisory boards of other German companies ¹	Positions on comparable boards of other German and foreign companies ¹
<p>Dr Michael Diederich born 1965</p> <p>Spokesman of the Management Board (CEO) People & Culture (incl. Human Capital/Labour & Social Affairs pursuant to Section 27 (2) s. 2 MgVG)</p>	FC Bayern Munich AG, Munich	ESMT European School of Management and Technology GmbH, Berlin
<p>Artur Gruca born 1979</p> <p>since 1 September 2022</p> <p>Digital & Information (CDIO)</p>		
<p>Marion Höllinger born 1972</p> <p>Private Clients Bank</p>	UniCredit Direct Services GmbH, Munich ² (until 27 February 2022) WealthCap Kapitalverwaltungsgesellschaft mbH, Grünwald ² (Deputy Chairwoman)	Wealth Management Capital Holding GmbH, Munich ² , (Deputy Chairwoman)
<p>Dr Jürgen Kullnigg born 1961</p> <p>Risk Management (CRO)</p>	HVB Immobilien AG, Munich ²	
<p>Jan Kupfer born 1964</p> <p>Corporates</p>	Bayerische Börse Aktiengesellschaft, Munich (Deputy Chairman)	
<p>Christian Reusch born 1973</p> <p>Client Solutions</p>		
<p>Boris Scukanec Hopinski born 1981</p> <p>Operations Germany (COO)</p>	HVB Immobilien AG, Munich (Chairman) ² WealthCap Kapitalverwaltungsgesellschaft mbH, Grünwald (Chairman) ²	UniCredit Services S.C.p.A., Milan (until 1 October 2022) Wealth Management Capital Holding GmbH, Munich (Chairman) ²
<p>Ljubisa Tesić born 1976</p> <p>Finance (CFO)</p>		UniCredit Bank Serbia JSC, Belgrade

¹ As at 31 December 2022.

² Group directorship.

List of Executives and Outside Directorships (CONTINUED)

64 List of employees and outside directorships

Name	Positions on statutory supervisory boards of other companies ¹
Dr Auerbach, Christoph	HVB Trust Pensionsfonds AG, Munich
Aurich, Peter	CAM AG, Munich
Dr Fischer, Jochen	HVB Trust Pensionsfonds AG, Munich
Glückert, Matthias	OECHSLER AG, Ansbach
Dr Jungemann, Lars	HVB Trust Pensionsfonds AG, Munich
Leiber, Daniel	UniCredit Direct Services GmbH, Munich ²
Hölzl, Miriam	UniCredit Direct Services GmbH, Munich ²

1 As at 31 December 2022.

2 Group directorship.

List of Holdings

65 List of holdings

Compliant with Section 313 (2) German Commercial Code (Handelsgesetzbuch – HGB) for the consolidated financial statements and Section 285 Number 11, 11a HGB and Section 340a (4) HGB for the annual financial statements of UniCredit Bank AG.

NAME	REGISTERED OFFICE	SHARE OF CAPITAL IN %		CURRENCY	EQUITY CAPITAL in thousands	NET PROFIT in thousands
		TOTAL	OF WHICH HELD INDIRECTLY			
1 Controlled companies						
1.1 Controlled by voting rights						
1.1.1 Consolidated subsidiaries						
1.1.1.1 Banks and financial institutions						
UniCredit Leasing Finance GmbH	Hamburg	100.0	100.0	EUR	160,013	1
1.1.1.2 Other consolidated subsidiaries						
Acis Immobilien- und Projektentwicklungs GmbH & Co. Stuttgart Kronprinzstraße KG ³	Grünwald	100.0	100.0	EUR	37	(606)
Argentaurus Immobilien-Vermietungs- und Verwaltungs GmbH ³	Munich	100.0	100.0	EUR	793	(3,121)
Bayerische Wohnungsgesellschaft für Handel und Industrie, Gesellschaft mit beschränkter Haftung	Munich	100.0	100.0	EUR	294	1
BIL Leasing-Fonds Verwaltungs-GmbH	Grünwald	100.0	100.0	EUR	30	(4)
GEMMA Verwaltungsgesellschaft mbH & Co. Vermietungs KG	Munich	98.7	98.7	EUR	23,404	777
Grundstücksgesellschaft Simon beschränkt haftende Kommanditgesellschaft ³	Munich	100.0	100.0	EUR	51	289
HAWA Grundstücks GmbH & Co OHG Immobilienverwaltung ³	Munich	100.0	100.0	EUR	54	474
H.F.S. Immobilienfonds GmbH ³	Munich	100.0	100.0	EUR	26	1
H.F.S. Leasingfonds Deutschland 7 GmbH & Co. KG ³	Munich	99.4	99.4	EUR	(7,365)	2,170
H.F.S. Leasingfonds GmbH	Grünwald	100.0	100.0	EUR	26	58
HVB Gesellschaft für Gebäude mbH & Co. KG ³	Munich	100.0	—	EUR	871,401	368,549
HVB Immobilien AG ³	Munich	100.0	—	EUR	86,644	2.1
HVB Projekt GmbH ³	Munich	100.0	94.0	EUR	72,151	1
HVB Tecta GmbH ³	Munich	100.0	94.0	EUR	1,751	1
HVB Verwa 4 GmbH ³	Munich	100.0	—	EUR	10,358	2.2
HVB Verwa 4.4 GmbH ³	Munich	100.0	100.0	EUR	10,025	1
MERKURHOF Grundstücksgesellschaft mit beschränkter Haftung ³	Munich	100.0	—	EUR	16,692	2.3
NF Objekt FFM GmbH ³	Munich	100.0	100.0	EUR	125	1
Omnia Grundstücks-GmbH & Co. Objekt Haidenauplatz KG ³	Munich	100.0	94.0	EUR	26	—
Omnia Grundstücks-GmbH & Co. Objekt Perlach KG ³	Munich	100.0	100.0	EUR	5,074	(102)
Orestos Immobilien-Verwaltungs GmbH ³	Munich	100.0	100.0	EUR	56,674	1
Othmarschen Park Hamburg GmbH & Co. Gewerbepark KG ³	Munich	100.0	100.0	EUR	(44,083)	—
Portia Grundstücks-Verwaltungsgesellschaft mbH & Co. Objekt KG ³	Munich	100.0	100.0	EUR	500,014	229,840
Rolin Grundstücksplanungs- und -verwaltungsgesellschaft mbH	Munich	100.0	100.0	EUR	(440)	(7)
Salvatorplatz-Grundstücksgesellschaft mbH & Co. oHG Saarland ³	Munich	100.0	100.0	EUR	1,534	(1,623)
Salvatorplatz-Grundstücksgesellschaft mbH & Co. OHG Verwaltungszentrum ³	Munich	100.0	100.0	EUR	2,301	760
Structured Invest Société Anonyme	Luxembourg	100.0	—	EUR	9,293	479
T & P Frankfurt Development B.V. ⁴	Amsterdam	100.0	100.0	EUR	(7,246)	(9)
T & P Vastgoed Stuttgart B.V. ⁴	Amsterdam	87.5	87.5	EUR	(15,492)	1
TERRENO Grundstücksverwaltung GmbH & Co. Entwicklungs- und Finanzierungsvermittlungs-KG ³	Munich	75.0	75.0	EUR	(268,640)	—
TIVOLI Grundstücks-Aktiengesellschaft	Munich	100.0	100.0	EUR	6,068	487
TRICASA Grundbesitz Gesellschaft mbH & Co. 1. Vermietungs KG ³	Munich	100.0	100.0	EUR	15,493	968
TRICASA Grundbesitzgesellschaft des bürgerlichen Rechts Nr. 1	Munich	100.0	100.0	EUR	23,133	1,064
UniCredit Beteiligungs GmbH ³	Munich	100.0	—	EUR	1,175	2.4
UniCredit Capital Markets LLC	New York	100.0	100.0	USD	189,841	11,399
UniCredit Direct Services GmbH ^{3,7}	Munich	100.0	—	EUR	993	2.5
UniCredit Leasing Aviation GmbH	Hamburg	100.0	100.0	EUR	38,782	3,424

List of Holdings (CONTINUED)

NAME	REGISTERED OFFICE	SHARE OF CAPITAL IN %			EQUITY CAPITAL in thousands	NET PROFIT in thousands
		TOTAL	OF WHICH HELD INDIRECTLY	CURRENCY		
UniCredit Leasing GmbH ⁷	Hamburg	100.0	—	EUR	352,027	^{2.6}
UniCredit U.S. Finance LLC	Wilmington	100.0	—	USD	115,957	308
Vermietungsgesellschaft mbH & Co. Objekt MOC KG ³	Munich	89.3	89.3	EUR	(85,687)	2,938
V.M.G. Vermietungsgesellschaft mbH	Munich	100.0	100.0	EUR	26	¹
Wealth Management Capital Holding GmbH	Munich	100.0	—	EUR	20,582	^{2.7}
WealthCap Entity Service GmbH	Munich	100.0	100.0	EUR	903	878
WealthCap Equity GmbH	Munich	100.0	100.0	EUR	1,890	1,390
WealthCap Equity Management GmbH	Munich	100.0	100.0	EUR	132	107
WealthCap Fonds GmbH	Munich	100.0	100.0	EUR	687	674
Wealthcap Immobilien Deutschland 46 GmbH & Co. KG	Munich	100.0	100.0	EUR	(146)	(166)
WealthCap Immobilien 1 GmbH & Co. KG	Munich	100.0	100.0	EUR	1,467	1,462
WealthCap Immobilien 2 GmbH & Co. KG	Munich	100.0	100.0	EUR	1,480	1,469
Wealthcap Immobilien 43 Komplementär GmbH	Munich	100.0	100.0	EUR	26	1
Wealthcap Immobilienankauf Komplementär GmbH	Munich	100.0	100.0	EUR	29	4
WealthCap Immobilienfonds Deutschland 36 Komplementär GmbH	Munich	100.0	100.0	EUR	(265)	(290)
WealthCap Immobilienfonds Deutschland 38 Komplementär GmbH	Munich	100.0	100.0	EUR	28	3
WealthCap Initiatoren GmbH	Munich	100.0	100.0	EUR	266	30
WealthCap Investment Services GmbH	Munich	100.0	90.0	EUR	4,000	¹
WealthCap Investments, Inc.	Wilmington	100.0	100.0	USD	1,518	(24)
WealthCap Investorenbetreuung GmbH	Munich	100.0	100.0	EUR	155	¹
WealthCap Kapitalverwaltungsgesellschaft mbH	Grünwald	100.0	100.0	EUR	18,262	¹
WealthCap Leasing GmbH	Grünwald	100.0	100.0	EUR	(400)	(242)
WealthCap Management Services GmbH	Munich	100.0	100.0	EUR	(3,618)	(2,162)
Wealthcap Objekt Dresden GmbH & Co. KG	Munich	100.0	100.0	EUR	61,150	593
Wealthcap Objekt Stuttgart III GmbH & Co. KG	Munich	100.0	100.0	EUR	1,893	(1,440)
Wealthcap Objekt-Vorrat 35 GmbH & Co. KG	Munich	100.0	100.0	EUR	(209)	(190)
Wealthcap Objekt-Vorrat 37 GmbH & Co. KG	Munich	100.0	100.0	EUR	118	114
Wealthcap Objekt-Vorrat 39 GmbH & Co. KG	Munich	100.0	100.0	EUR	55	118
WealthCap PEIA Komplementär GmbH	Grünwald	100.0	100.0	EUR	19	(30)
WealthCap PEIA Management GmbH	Munich	100.0	94.0	EUR	3,840	(552)
WealthCap Real Estate Management GmbH	Munich	100.0	100.0	EUR	60	¹
WealthCap Vorrats-2 GmbH	Munich	100.0	100.0	EUR	15	2
Weicker S. à r.l.	Luxembourg	100.0	—	EUR	22,962	3,300
1.1.2 Non-consolidated subsidiaries ⁵						
Acis Immobilien- und Projektentwicklungs GmbH	Grünwald	100.0	100.0	EUR	25	¹
AGRUND Grundstücks-GmbH	Munich	90.0	90.0			
Altea Verwaltungsgesellschaft mbH & Co. Objekt I KG	Munich	100.0	100.0			
AMMS Komplementär GmbH i.L.	Grünwald	98.8	98.8			
Antus Immobilien- und Projektentwicklungs GmbH	Munich	90.0	90.0	EUR	(13,150)	950
Arena Stadion Beteiligungsverwaltungs-GmbH	Munich	100.0	—			
ARRONDA Immobilienverwaltungs GmbH	Munich	100.0	100.0	EUR	(36,776)	950
Atlanterra Immobilienverwaltungs GmbH	Munich	90.0	90.0	EUR	(32,562)	950
A&T-Projektentwicklungs GmbH & Co. Potsdamer Platz Berlin KG	Munich	100.0	100.0	EUR	(37,243)	(9)
A&T-Projektentwicklungs-Verwaltungs GmbH	Munich	100.0	100.0			
Aufbau Dresden GmbH	Munich	100.0	100.0	EUR	(22,994)	—
Bertram Projekt Unodecima Technikzentrum GmbH & Co. KG	Munich	94.0	94.0	EUR	183	(399)
B.I. International Limited	George Town	100.0	100.0	EUR	152	567
BIL Immobilien Fonds GmbH	Munich	100.0	100.0			
BIL Leasing-Fonds GmbH & Co VELUM KG (share of voting rights 66.7%, of which held directly 33.3%)	Grünwald	100.0	—			
Blue Capital Metro Amerika Inc.	Wilmington	100.0	100.0			
Delpha Immobilien- und Projektentwicklungs GmbH & Co. Großkugel Bauabschnitt Alpha Management KG	Munich	100.0	100.0	EUR	(22,880)	—

NAME	REGISTERED OFFICE	SHARE OF CAPITAL IN %			EQUITY CAPITAL in thousands	NET PROFIT in thousands
		TOTAL	OF WHICH HELD INDIRECTLY	CURRENCY		
Delpha Immobilien- und Projektentwicklungs GmbH & Co. Großkugel Bauabschnitt Beta Management KG	Munich	100.0	100.0	EUR	(53,477)	—
Delpha Immobilien- und Projektentwicklungs GmbH & Co. Großkugel Bauabschnitt Gamma Management KG	Munich	100.0	100.0	EUR	(59,493)	—
Food & more GmbH	Munich	100.0	—	EUR	237	2.8
Golf- und Country Club Seddiner See Immobilien GmbH	Munich	100.0	100.0	EUR	(15,507)	—
Großkugel Immobilien- und Projektentwicklungs GmbH	Munich	100.0	100.0	EUR	(3,354)	1
Grundstücksaktiengesellschaft am Potsdamer Platz (Haus Vaterland)	Munich	98.2	98.2	EUR	4,495	1
H.F.S. Immobilienfonds Deutschland 4 Komplementär GmbH	Munich	100.0	100.0			
H.F.S. Immobilienfonds Deutschland 8 Komplementär GmbH	Munich	100.0	100.0			
H.F.S. Immobilienfonds Deutschland 9 Komplementär GmbH	Munich	100.0	100.0			
H.F.S. Immobilienfonds Deutschland 10 Komplementär GmbH	Munich	100.0	100.0			
H.F.S. Immobilienfonds Deutschland 11 Komplementär GmbH	Munich	100.0	100.0			
H.F.S. Immobilienfonds Deutschland 12 Komplementär GmbH	Munich	100.0	100.0			
H.F.S. Immobilienfonds Deutschland 15 Komplementär GmbH	Munich	100.0	100.0			
H.F.S. Immobilienfonds Deutschland 16 Komplementär GmbH	Munich	100.0	100.0			
H.F.S. Immobilienfonds Europa 3 Komplementär GmbH	Munich	100.0	100.0			
H.F.S. Zweitmarktfonds Deutschland 1 Komplementär GmbH	Grünwald	100.0	100.0			
H.F.S. Zweitmarktfonds Deutschland 2 Komplementär GmbH	Grünwald	100.0	100.0			
Hofgarten Real Estate B.V. (share of voting rights 50.5%)	Amsterdam	47.2	47.2	EUR	(49,336)	7
HVB Export Leasing GmbH	Munich	100.0	—			
HVB Gesellschaft für Gebäude Beteiligungs GmbH	Munich	100.0	—			
HVB Hong Kong Limited	Hong Kong	100.0	—	USD	3,135	(20)
HVB London Investments (AVON) Limited	London	100.0	—			
HVB Secur GmbH	Munich	100.0	—	EUR	126	2.9
HVBFF Internationale Leasing GmbH	Munich	100.0	100.0			
HVBFF Leasing-Fonds Verwaltungs GmbH	Munich	100.0	100.0			
HVBFF Objekt Beteiligungs GmbH	Munich	100.0	100.0			
Hypo-Bank Verwaltungszentrum GmbH	Munich	100.0	100.0			
HYPO-REAL Haus- und Grundbesitz Gesellschaft mbH	Munich	100.0	100.0	EUR	128	1
HYPO-REAL Haus- und Grundbesitz Gesellschaft mbH & Co. Immobilien-Vermietungs KG	Munich	80.0	80.0			
Interra Gesellschaft für Immobilienverwaltung mbH	Munich	100.0	100.0	EUR	51	1
Landos Immobilien- und Projektentwicklungs GmbH	Munich	100.0	100.0			
Life Britannia GP Limited	Edgware	100.0	100.0			
Life Britannia Management GmbH	Grünwald	100.0	100.0			
Life Management Erste GmbH	Munich	100.0	100.0	EUR	24	1
Life Management Zweite GmbH	Grünwald	100.0	100.0	EUR	26	1
Life Verwaltungs Erste GmbH	Munich	100.0	100.0			
Life Verwaltungs Zweite GmbH	Grünwald	100.0	100.0			
Motion Picture Production GmbH	Grünwald	51.2	51.2			
Omnia Grundstücks-GmbH	Munich	100.0	100.0	EUR	26	1
Omnia Grundstücks-GmbH & Co. Betriebs KG	Munich	100.0	94.0			
Othmarschen Park Hamburg GmbH & Co. Centerpark KG	Munich	100.0	100.0	EUR	(18,942)	—
Othmarschen Park Hamburg Wohn- und Gewerbepark GmbH	Munich	100.0	100.0	EUR	102	1
"Portia" Grundstücksverwaltungs-Gesellschaft mit beschränkter Haftung	Munich	100.0	100.0			
Projekt-GbR Kronstadter Straße Munich	Munich	75.0	75.0	EUR	(5,690)	(1)
Quinterra Gesellschaft für Immobilienverwaltung mbH	Munich	100.0	100.0	EUR	26	1
Redstone Mortgages Limited	London	100.0	—	GBP		
RHOTERRA Gesellschaft für Immobilienverwaltung mbH	Munich	100.0	93.9	EUR		
Roncasa Immobilien-Verwaltungs GmbH	Munich	100.0	100.0	EUR	(32,370)	950
Salvatorplatz-Grundstücksgesellschaft mit beschränkter Haftung	Munich	100.0	100.0	EUR	711	1
Selfoss Beteiligungsgesellschaft mbH	Grünwald	100.0	100.0	EUR	25	1

List of Holdings (CONTINUED)

NAME	REGISTERED OFFICE	SHARE OF CAPITAL IN %			EQUITY CAPITAL in thousands	NET PROFIT in thousands
		TOTAL	OF WHICH HELD INDIRECTLY	CURRENCY		
Simon Verwaltungs-Aktiengesellschaft i.L.	Munich	100.0	—	EUR	2,922	(28)
Sirius Immobilien- und Projektentwicklungs GmbH	Munich	100.0	100.0	EUR	(143,835)	¹
Solos Immobilien- und Projektentwicklungs GmbH & Co. Sirius Beteiligungs KG	Munich	100.0	100.0	EUR	(59,906)	950
Spree Galerie Hotelbetriebsgesellschaft mbH	Munich	100.0	100.0	EUR	249	¹
TERRENO Grundstücksverwaltung GmbH	Munich	75.0	75.0			
TERRENO Grundstücksverwaltung GmbH & Co. Objektgesellschaft Grillparzerstraße KG	Munich	75.0	—	EUR	(3,002)	(3)
Terronda Development B.V.	Amsterdam	100.0	100.0	EUR	(15,006)	—
VCI Volta Center Immobilienverwaltungs GmbH	Munich	100.0	100.0	EUR	(17,297)	950
Verwaltungsgesellschaft Katharinenhof mbH	Munich	100.0	—	EUR	708	^{2,10}
WealthCap Aircraft 27 Komplementär GmbH	Grünwald	100.0	100.0			
WealthCap Canadian Management Inc.	Toronto	100.0	100.0			
WealthCap Equity Sekundär GmbH	Munich	100.0	100.0			
Wealthcap Erneuerbare Energien 2 GmbH & Co. geschlossene Investment KG	Grünwald	100.0	100.0			
Wealthcap Erneuerbare Energien 2 Komplementär GmbH	Grünwald	100.0	100.0			
WealthCap Europa Erste Immobilien - Objekte Niederlande - Verwaltungs GmbH	Munich	100.0	100.0			
WealthCap Europa Immobilien Fünfte Objekte Österreich Komplementär GmbH	Munich	100.0	100.0			
WealthCap Europa Immobilien Siebte Objekte Österreich Komplementär GmbH	Munich	100.0	100.0			
Wealthcap Fondsportfolio Immobilien International 1 Komplementär GmbH	Grünwald	100.0	100.0			
WealthCap Immobilien Deutschland 39 Komplementär GmbH	Munich	100.0	100.0			
Wealthcap Immobilien Deutschland 47 GmbH & Co. geschlossene Investment KG	Munich	100.0	100.0			
WealthCap Immobilien Nordamerika 16 Komplementär GmbH	Munich	100.0	100.0			
WealthCap Immobilien Nordamerika 17 Komplementär GmbH	Munich	100.0	100.0			
WealthCap Immobilien Services GmbH	Munich	100.0	100.0		50	¹
WealthCap Immobilien 40 Komplementär GmbH	Munich	100.0	100.0			
WealthCap Immobilien 41 Komplementär GmbH	Munich	100.0	100.0			
Wealthcap Immobilien 42 Komplementär GmbH	Munich	100.0	100.0			
Wealthcap Immobilien 44 Komplementär GmbH	Munich	100.0	100.0			
Wealthcap Immobilien 46 Komplementär GmbH	Munich	100.0	100.0			
Wealthcap Immobilien 47 Komplementär GmbH	Munich	100.0	100.0			
WealthCap Immobilienfonds Deutschland 37 Komplementär GmbH	Munich	100.0	100.0			
WealthCap Los Gatos 121 Albright Way GP, Inc.	Wilmington	100.0	100.0			
WealthCap Management, Inc.	Wilmington	100.0	100.0			
WealthCap Mountain View GP, Inc.	Atlanta	100.0	100.0			
Wealthcap Objekt Dresden Komplementär GmbH	Munich	100.0	100.0			
WealthCap Objekt-Vorrat 13 Komplementär GmbH	Munich	100.0	100.0			
WealthCap Objekt-Vorrat 20 GmbH & Co. KG	Munich	100.0	100.0			
WealthCap Objekt-Vorrat 20 Komplementär GmbH	Munich	100.0	100.0			
Wealthcap Objekt-Vorrat 25 GmbH & Co. KG	Munich	100.0	100.0			
Wealthcap Objekt-Vorrat 25 Komplementär GmbH	Munich	100.0	100.0			
Wealthcap Objekt-Vorrat 36 GmbH & Co. KG	Munich	100.0	100.0			
Wealthcap Objekt-Vorrat 40 GmbH & Co. KG	Munich	100.0	100.0			
Wealthcap Objekt-Vorrat 41 GmbH & Co. KG	Munich	100.0	100.0			
Wealthcap Objekt-Vorrat 42 GmbH & Co. KG	Munich	100.0	100.0			
Wealthcap Objekt-Vorrat 43 GmbH & Co. KG	Munich	100.0	100.0			
WealthCap Portfolio 3 Komplementär GmbH	Grünwald	100.0	100.0			
Wealthcap Portfolio 4 Komplementär GmbH	Grünwald	100.0	100.0			
Wealthcap Portfolio 5 Komplementär GmbH	Grünwald	100.0	100.0			

NAME	REGISTERED OFFICE	SHARE OF CAPITAL IN %		CURRENCY	EQUITY CAPITAL in thousands	NET PROFIT in thousands
		TOTAL	OF WHICH HELD INDIRECTLY			
Wealthcap Portfolio 6 Komplementär GmbH	Grünwald	100.0	100.0			
WealthCap Private Equity 19 Komplementär GmbH	Grünwald	100.0	100.0			
WealthCap Private Equity 20 Komplementär GmbH	Grünwald	100.0	100.0			
WealthCap Private Equity 21 Komplementär GmbH	Grünwald	100.0	100.0			
WealthCap Private Equity 22 Komplementär GmbH	Grünwald	100.0	100.0			
Wealthcap Private Equity 23 Komplementär GmbH	Grünwald	100.0	100.0			
Wealthcap Private Equity 24 Komplementär GmbH	Grünwald	100.0	100.0			
WealthCap Real Estate GmbH	Munich	100.0	100.0			
WealthCap Real Estate Komplementär GmbH	Munich	100.0	100.0			
WealthCap Real Estate Sekundär GmbH	Munich	100.0	100.0			
WealthCap SachWerte Portfolio 2 Komplementär GmbH	Grünwald	100.0	100.0			
Wealthcap Spezial Büro 6 Komplementär GmbH	Munich	100.0	100.0			
Wealthcap Spezial Büro 7 Komplementär GmbH	Munich	100.0	100.0			
Wealthcap Spezial Immobilien 9 Komplementär GmbH	Munich	100.0	100.0			
Wealthcap Spezial Immobilien 11 Komplementär GmbH	Munich	100.0	100.0			
Wealthcap Spezial Immobilien 12 Komplementär GmbH	Munich	100.0	100.0			
Wealthcap Spezial Portfolio Immobilien 1 Komplementär SARL	Luxembourg-Findel	100.0	100.0			
Wealthcap Spezial Portfolio Private Equity 1 Komplementär SARL	Luxembourg-Findel	100.0	100.0			
Wealthcap Spezial Wohnen 1 Komplementär GmbH	Munich	100.0	100.0			
WealthCap Spezial 3 Komplementär GmbH	Munich	100.0	100.0			
WealthCap Spezial 4 Komplementär GmbH	Munich	100.0	100.0			
WealthCap Spezial 5 Komplementär GmbH	Munich	100.0	100.0			
Wealthcap Spezial-AIF Immobilien 11 GmbH & Co. KG	Munich	100.0	100.0			
Wealthcap Spezial-AIF Immobilien 12 GmbH & Co. KG	Munich	100.0	100.0			
Wealthcap Spezial-AIF Immobilien 9 GmbH & Co. geschlossene Investment KG	Munich	100.0	100.0			
WealthCap Spezial-AIF 1 Komplementär GmbH	Munich	100.0	100.0			
WealthCap Stiftungstreuhand GmbH	Munich	100.0	100.0			
WealthCap USA Immobilien Verwaltungs GmbH	Munich	100.0	100.0			
WealthCap Zweite Europa Immobilien Verwaltungs GmbH	Munich	100.0	100.0			
WealthCap ZweitmarktWerte Immobilien 4 Komplementär GmbH	Munich	100.0	100.0			
WealthCap ZweitmarktWerte 5 GP S.à r.l.	Senningerberg	100.0	100.0			
WealthCap 39 Komplementär GmbH	Munich	100.0	100.0			
Wealthcap 45 Komplementär GmbH	Munich	100.0	100.0			

List of Holdings (CONTINUED)

NAME	REGISTERED OFFICE	SHARE OF CAPITAL in %	CURRENCY	SUBSCRIBED CAPITAL in thousands
1.2. Fully consolidated structured entities with or without shareholding				
Altus Alpha PLC	Dublin	—	EUR	40
Arabella Finance DAC	Dublin	—	EUR	< 1
BARD Engineering GmbH	Emden	—	EUR	100
BARD Holding GmbH	Emden	—	EUR	25
Elektra Purchase No. 28 DAC	Dublin	—	EUR	< 1
Elektra Purchase No. 31 DAC	Dublin	—	EUR	< 1
Elektra Purchase No. 32 S.A. – Compartment 1	Luxembourg	—	EUR	31
Elektra Purchase No. 33 DAC	Dublin	—	EUR	< 1
Elektra Purchase No. 350 DAC	Dublin	—	EUR	< 1
Elektra Purchase No. 36 DAC	Dublin	—	EUR	< 1
Elektra Purchase No. 37 DAC	Dublin	—	EUR	< 1
Elektra Purchase No. 38 DAC	Dublin	—	EUR	< 1
Elektra Purchase No. 43 DAC	Dublin	—	EUR	< 1
Elektra Purchase No. 46 DAC	Dublin	—	EUR	< 1
Elektra Purchase No. 54 DAC	Dublin	—	EUR	< 1
Elektra Purchase No. 56 DAC	Dublin	—	EUR	< 1
Elektra Purchase No. 57 DAC	Dublin	—	EUR	< 1
Elektra Purchase No. 64 DAC	Dublin	—	EUR	< 1
Elektra Purchase No. 69 DAC	Dublin	—	EUR	< 1
Elektra Purchase No. 71 DAC	Dublin	—	EUR	< 1
Elektra Purchase No. 74 DAC	Dublin	—	EUR	< 1
Elektra Purchase No. 911 DAC	Dublin	—	EUR	< 1
H.F.S. Leasingfonds GmbH & Co. Deutschland 8 KG, Ebersberg (held indirectly) ^{6.1}	Ebersberg	0.1	EUR	—
H.F.S. Leasingfonds GmbH & Co. Deutschland 9 KG, Ebersberg (held indirectly) ^{6.2}	Ebersberg	0.1	EUR	—
H.F.S. Leasingfonds GmbH & Co. Deutschland 10 KG, Ebersberg (held indirectly) ^{6.3}	Ebersberg	0.1	EUR	—
H.F.S. Leasingfonds GmbH & Co. Deutschland 11 KG, Ebersberg (held indirectly) ^{6.4}	Ebersberg	0.1	EUR	—
H.F.S. Leasingfonds GmbH & Co. Deutschland 12 KG, Ebersberg (held indirectly) ^{6.5}	Ebersberg	0.1	EUR	—
Ice Creek Pool No. 1 DAC	Dublin	—	EUR	< 1
Ice Creek Pool No. 3 DAC	Dublin	—	EUR	< 1
Ice Creek Pool No. 5 DAC	Dublin	—	EUR	< 1
PaDel Finance 01 DAC	Dublin	—	EUR	< 1
Rosenkavalier 2008 GmbH	Frankfurt am Main	—	EUR	25
Rosenkavalier 2015 UG	Frankfurt am Main	—	EUR	8
Rosenkavalier 2020 UG	Frankfurt am Main	—	EUR	3
Rosenkavalier 2022 UG	Frankfurt am Main	—	EUR	3
Wealthcap Spezial-AIF-SV Büro 8	Grünwald	—	EUR	—

NAME	REGISTERED OFFICE	SHARE OF CAPITAL IN %			CURRENCY	EQUITY CAPITAL in thousands	NET PROFIT in thousands
		TOTAL	OF WHICH HELD INDIRECTLY				
2 Joint ventures							
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NAME	REGISTERED OFFICE	SHARE OF CAPITAL IN %		CURRENCY	EQUITY CAPITAL in thousands of currency units	NET PROFIT in thousands of currency units
		TOTAL	OF WHICH HELD INDIRECTLY			
3. Associates						
3.1 Associates valued at equity						
ComTrade Group B.V. ⁴	Rotterdam	21.1	—	EUR	127,249	48,595
3.2 Minor associates⁵						
MOC Verwaltungs GmbH	Munich	23.0	23.0			
MOC Verwaltungs GmbH & Co. Immobilien KG	Munich	23.0	23.0	EUR	109	6,434

NAME	REGISTERED OFFICE	SHARE OF CAPITAL IN %		CURRENCY	EQUITY CAPITAL in thousands	NET PROFIT in thousands
		TOTAL	OF WHICH HELD INDIRECTLY			
4. Further holdings according to Section 271 (1) HGB⁵						
4.1. Banks and financial institutions						
AKA Ausfuhrkredit-Gesellschaft mbH ⁷	Frankfurt am Main	15.4	—	EUR	273,601	14,936
BBB Bürgschaftsbank zu Berlin-Brandenburg GmbH	Berlin	3.2	—	EUR	13,428	257
BGG Bayerische Garantiegesellschaft mbH für mittelständische Beteiligungen	Munich	10.5	—	EUR	61,659	4,269
Bürgschaftsbank Brandenburg GmbH	Potsdam	7.8	—	EUR	34,206	2,105
Bürgschaftsbank Hamburg GmbH	Hamburg	10.5	—	EUR	27,318	379
Bürgschaftsbank Mecklenburg-Vorpommern GmbH	Schwerin	9.2	—	EUR	17,352	267
Bürgschaftsbank Nordrhein-Westfalen GmbH - Kreditgarantiegemeinschaft - Düsseldorf		>0	—	EUR	40,284	1,040
Bürgschaftsbank Rheinland-Pfalz GmbH	Mainz	1.4	—	EUR	17,356	132
Bürgschaftsbank Saarland Gesellschaft mit beschränkter Haftung, Kreditgarantiegemeinschaft für den Handel, Handwerk und Gewerbe	Saarbrücken	1.3	—	EUR	4,426	31
Bürgschaftsbank Sachsen-Anhalt GmbH	Magdeburg	8.9	—	EUR	17,000	423
Bürgschaftsbank Sachsen GmbH (share of voting rights 5.4 %)	Dresden	4.7	—	EUR	44,437	177
Bürgschaftsbank Schleswig-Holstein GmbH	Kiel	5.4	—	EUR	42,089	181
Bürgschaftsbank Thüringen GmbH	Erfurt	8.7	—	EUR	27,524	240
MCB Bank Limited	Lahore	>0	—	PKR	174,407,408	30,811,047
Niedersächsische Bürgschaftsbank GmbH	Hannover	3.0	—	EUR	32,694	2,554
Saarländische Investitionskreditbank AG	Saarbrücken	3.3	—	EUR	67,382	1,744
4.2. Other companies						
ABE Clearing S.A.S.	Paris	2.1	—	EUR	42,641	6,108
Acton GmbH & Co. Heureka II KG	Munich	8.9	—	EUR	94,508	2,572
Amstar Liquidating Trust (share of voting rights 0.0%)	New York	>0	>0			
Babcock & Brown Limited	Sydney	3.2	—			
BayBG Bayerische Beteiligungsgesellschaft mbH ⁸	Munich	22.5	—	EUR	258,865	14,219
Bayerischer BankenFonds GbR ⁸	Munich	25.6	—			
BIL Leasing-Fonds GmbH & Co. Altstadtanierung Freiberg KG (share of voting rights 0.3%)	Grünwald	—	—	EUR	1,057	935
Bil Leasing-Fonds GmbH & Co Objekt Verwaltungssitz Bankenverband KG (share of voting rights 0.2%)	Grünwald	—	—			
BioM Aktiengesellschaft Munich Bio Tech Development	Planegg	8.5	—	EUR	2,731	(44)
Blue Capital Equity I GmbH & Co. KG i.L.	Munich	>0	>0			
Blue Capital Equity II GmbH & Co. KG i.L.	Munich	>0	>0	EUR	1,664	13
Blue Capital Equity III GmbH & Co. KG (share of voting rights >0%)	Munich	0.8	0.8	EUR	4,507	(590)
Blue Capital Equity IV GmbH & Co. KG	Munich	>0	>0	EUR	10,567	(923)
Blue Capital Equity V GmbH & Co. KG (share of voting rights >0%)	Munich	0.1	0.1			
Blue Capital Equity VI GmbH & Co. KG	Munich	>0	>0	EUR	11,412	4,144
Blue Capital Equity VII GmbH & Co. KG	Munich	>0	>0	EUR	5,416	1,762
Blue Capital Equity VIII GmbH & Co. KG (share of voting rights >0%)	Munich	0.7	0.7	EUR	7,119	118

List of Holdings (CONTINUED)

NAME	REGISTERED OFFICE	SHARE OF CAPITAL IN %		CURRENCY	EQUITY CAPITAL in thousands	NET PROFIT in thousands
		TOTAL	OF WHICH HELD INDIRECTLY			
Blue Capital Equity IX GmbH & Co. KG (share of voting rights 0.6%)	Munich	0.7	0.7	EUR	3,166	162
Blue Capital Metro Amerika Fund, L.P.	Wilmington	0.1	0.1	USD	93,242	4,177
Blue Capital Metropolitan Amerika GmbH & Co. KG	Munich	0.1	0.1	EUR	76,418	7,736
Boston Capital Partners V, L.L.C.	Wilmington	10.0	10.0			
Boston Capital Ventures V, L.P.	Wilmington	20.0	—			
BTG Beteiligungsgesellschaft Hamburg mbH	Hamburg	13.6	—	EUR	5,296	288
Carlyle Partners V, L.P. (share of voting rights 0.0%)	Wilmington	>0	>0	EUR	2,615,490	365,328
Carlyle U.S. Equity Opportunity Fund, L.P. (share of voting rights 0.0%)	Wilmington	0.9	0.9	EUR	309,244	31,932
China Investment Incorporations (BVI) Ltd.	Tortola	10.8	10.8	HKD	89,978	9,794
CLS Group Holdings AG	Lucerne	1.2	—	GBP	313,334	(8,309)
CME Group Inc.	Wilmington	>0	—	USD	27,399,300	2,636,400
Einkaufsgalerie Roter Turm Beteiligungs GmbH & Co. KG	Munich	>0	>0	EUR	5,720	291
Einkaufsgalerie Roter Turm Chemnitz GmbH & Co. KG	Munich	>0	>0	EUR	47,520	2,629
EURO Kartensysteme GmbH	Frankfurt am Main	6.0	—	EUR	12,442	150
Film & Entertainment VIP Medienfonds 4 GmbH & Co. KG	Grünwald	10.5	10.5	EUR	21,098	(1,290)
H.F.S. Immobilienfonds Bahnhofspassagen Potsdam GmbH & Co. KG	Munich	6.0	6.0	EUR	21,279	2,688
H.F.S. Immobilienfonds "Das Schloss" Berlin-Steglitz GmbH & Co. KG	Munich	6.0	6.0	EUR	132,536	119,759
H.F.S. Immobilienfonds Deutschland 4 GmbH & Co. KG	Munich	0.2	0.2	EUR	(894)	(276)
H.F.S. Immobilienfonds Deutschland 8 GmbH & Co. KG	Munich	0.1	0.1	EUR	13,427	2,417
H.F.S. Immobilienfonds Deutschland 10 GmbH & Co. KG	Munich	1.4	1.4	EUR	88,822	257,288
H.F.S. Immobilienfonds Deutschland 12 GmbH & Co. KG	Munich	3.9	3.9	EUR	80,875	2,776
H.F.S. Immobilienfonds Deutschland 15 GmbH & Co. KG	Munich	0.1	0.1	EUR	14,195	1,648
H.F.S. Immobilienfonds Deutschland 16 GmbH & Co. KG	Munich	0.1	0.1	EUR	18,905	37,332
H.F.S. Immobilienfonds GmbH & Co. Europa 3 KG	Munich	0.1	0.1	EUR	3,138	254
H.F.S. Immobilienfonds Köln GmbH & Co. KG	Munich	>0	>0	EUR	1,743	(5)
H.F.S. Immobilienfonds Köln Supplier-Park GmbH & Co. KG	Munich	>0	>0	EUR	3,005	35,515
H.F.S. Immobilienfonds Schweinfurt GmbH & Co. KG	Munich	>0	>0			
H.F.S. Zweitmarktfonds Deutschland 1 GmbH & Co. KG	Grünwald	0.1	0.1	EUR	17,440	4,557
H.F.S. Zweitmarktfonds Deutschland 2 GmbH & Co. KG	Grünwald	>0	>0	EUR	79,713	15,143
HVBFF Life Britannia GmbH & Co Erste KG	Grünwald	>0	>0	EUR	1,976	(208)
HVB Trust Pensionsfonds AG (voting rights 0.0%) ⁹	Munich	100.0	—	EUR	4,310	5
IGEPA Gewerbepark GmbH & Co Vermietungs KG	Fürstenfeldbruck	2.0	2.0	EUR	(8,739)	7,353
Innovation Group Holdings Limited	Fareham	13.1	13.1	GBP	(20,058)	37,360
IPE Tank and Rail Investment 1 S.C.A.	Luxembourg	7.8	-			
JBG/BC Investor, L.P.	Chevy Chase	0.5	0.5	EUR	70,944	15,598
Kepler Cheuvreux S.A. (share of voting rights 8.3%) ⁷	Paris	10.0	—	EUR	105,000	20,848
Kreditgarantiegemeinschaft der freien Berufe Baden-Württemberg Verwaltungs-GmbH	Stuttgart	1.3	—			
Kreditgarantiegemeinschaft der Industrie, des Verkehrsgewerbes und des Gastgewerbes Baden-Württemberg Verwaltungs-GmbH	Stuttgart	2.6	—	EUR	1,300	—
Kreditgarantiegemeinschaft des bayerischen Gartenbaues GmbH	Munich	8.1	—			
Kreditgarantiegemeinschaft des bayerischen Handwerks GmbH	Munich	7.2	—	EUR	4,846	—
Kreditgarantiegemeinschaft des Handels Baden-Württemberg Verwaltungs-GmbH	Stuttgart	2.3	—	EUR	1,022	—
Kreditgarantiegemeinschaft des Handwerks Baden-Württemberg Verwaltungsgesellschaft mbH	Stuttgart	2.5	—	EUR	1,001	—
Kreditgarantiegemeinschaft des Hotel- und Gaststättengewerbes in Bayern GmbH	Munich	9.7	—	EUR	4,359	—
Kreditgarantiegemeinschaft für den Handel in Bayern GmbH	Munich	2.2	—	EUR	6,317	—
Kreditgarantiegemeinschaft in Baden-Württemberg Verwaltungs-GmbH	Stuttgart	5.1	—	EUR	1,023	—
Life GmbH & Co Erste KG	Munich	>0	>0	EUR	95,594	23,043
Life GmbH & Co. Zweite KG	Grünwald	>0	>0	EUR	53,514	(4,916)
LME Holdings Limited	London	>0	-	USD	57,711	34,975

NAME	REGISTERED OFFICE	SHARE OF CAPITAL IN %		CURRENCY	EQUITY CAPITAL in thousands	NET PROFIT in thousands
		TOTAL	OF WHICH HELD INDIRECTLY			
Martin Schmäzle Grundstücksgesellschaft Objekt Wolfsburg GmbH & Co. KG	Munich	>0	>0	EUR	15,711	—
MBG Mittelständische Beteiligungsgesellschaft Baden-Württemberg GmbH	Stuttgart	5.0	—	EUR	92,210	8,859
MBG Mittelständische Beteiligungsgesellschaft Rheinland-Pfalz mbH (share of voting rights 11.1%)	Mainz	9.8	—	EUR	16,702	349
MBG Mittelständische Beteiligungsgesellschaft Schleswig-Holstein mbH	Kiel	3.6	—	EUR	47,094	2,884
Mittelständische Beteiligungsgesellschaft Berlin-Brandenburg GmbH	Potsdam	11.6	—	EUR	25,346	1,191
Mittelständische Beteiligungsgesellschaft Mecklenburg-Vorpommern mbH	Schwerin	15.4	—	EUR	19,341	1,379
Mittelständische Beteiligungsgesellschaft Niedersachsen (MBG) mbH	Hannover	8.2	—	EUR	16,427	1,330
Mittelständische Beteiligungsgesellschaft Sachsen-Anhalt mit beschränkter Haftung	Magdeburg	12.7	—	EUR	24,673	403
Mittelständische Beteiligungsgesellschaft Sachsen mbH	Dresden	11.8	—	EUR	49,447	1
Mittelständische Beteiligungsgesellschaft Thüringen mbH	Erfurt	13.4	—	EUR	28,607	1,185
Motion Picture Production GmbH & Co. Erste KG (share of voting rights 0.1%)	Grünwald	>0	>0	EUR	(27,842)	1,454
Mühoga Münchner Hochgaragen Gesellschaft mit beschränkter Haftung ⁸	Munich	25.0	25.0	EUR	4,661	1,347
PICIC Insurance Ltd.	Karachi	>0	—			
ProAreal GmbH i. l.	Wiesbaden	10.0	—			
REF IV Associates (Caymans) L.P. Acqua CIV S.C.S. (share of voting rights 0.0%)	Luxembourg	38.3	—			
Rocket Internet Capital Partners (Euro) SCS (share of voting rights 0.0%)	Luxembourg	4.4	—	EUR	880,084	589,215
Saarländische Kapitalbeteiligungsgesellschaft mit beschränkter Haftung (share of voting rights 8.8%)	Saarbrücken	8.7	—	EUR	7,864	73
Social Venture Fund GmbH & Co. KG (share of voting rights 0.0%)	Munich	9.6	—	EUR	1,059	(83)
Social Venture Fund II GmbH & Co. KG (share of voting rights 0.0%)	Munich	4.5	—	EUR	10,104	4,780
Stahl Group S.A.	Luxembourg	>0	>0	EUR	445,635	74,485
SwanCap FLP II SCS (share of voting rights 37.5%) ¹⁰	Senningerberg	—	—	EUR	86	640
SwanCap FLP SCS (share of voting rights 37.5%) ¹⁰	Senningerberg	—	—	EUR	(47)	317
SwanCap TB II SCS (share of voting rights 0.0%) ¹¹	Senningerberg	>0	—			
S.W.I.F.T. SC	La Hulpe	0.3	—	EUR	616,152	52,234
True Sale International GmbH	Frankfurt am Main	7.7	—	EUR	4,586	(88)
VISA Inc. (share of voting rights 0.0%)	Wilmington	>0	—	USD	35,581,000	14,957,000
WealthCap Aircraft 1 GmbH & Co. KG	Munich	>0	>0	EUR	16,729	(5,612)
WealthCap Aircraft 25 GmbH & Co. KG	Grünwald	>0	>0	EUR	9,996	(411)
WealthCap Aircraft 26 GmbH & Co. KG	Grünwald	>0	>0	USD	18,473	(329)
Wealthcap Büro Spezial-AIF 6 GmbH & Co. geschlossene Investment KG	Munich	0.1	0.1			
Wealthcap Fondsportfolio Immobilien International 1 GmbH & Co. geschlossene Investment KG	Grünwald	0.2	0.2	EUR	5,588	(1,308)
WealthCap Fondsportfolio Private Equity 21 GmbH & Co. geschlossene Investment KG	Grünwald	>0	>0	EUR	6,174	(3,103)
WealthCap Fondsportfolio Private Equity 22 GmbH & Co. geschlossene Investment KG	Grünwald	>0	>0	EUR	859	(470)
Wealthcap Fondsportfolio Private Equity 23 GmbH & Co. geschlossene Investment KG	Grünwald	0.1	0.1			
Wealthcap Fondsportfolio Private Equity 24 GmbH & Co. geschlossene Investment KG	Grünwald	0.1	0.1			
WealthCap Immobilien Deutschland 38 GmbH & Co. geschlossene Investment KG	Munich	>0	>0	EUR	158,968	11,521
WealthCap Immobilien Deutschland 39 GmbH & Co. geschlossene Investment KG	Munich	>0	>0	EUR	155,271	21,638
WealthCap Immobilien Deutschland 40 GmbH & Co. geschlossene Investment KG	Munich	>0	>0	EUR	80,933	7,386
WealthCap Immobilien Deutschland 41 GmbH & Co. geschlossene Investment KG	Munich	>0	>0	EUR	40,073	5,752
Wealthcap Immobilien Deutschland 42 GmbH & Co. geschlossene Investment KG	Munich	>0	>0			
Wealthcap Immobilien Deutschland 44 GmbH & Co. geschlossene Investment KG	Munich	>0	>0			

List of Holdings (CONTINUED)

NAME	REGISTERED OFFICE	SHARE OF CAPITAL IN %		CURRENCY	EQUITY CAPITAL in thousands	NET PROFIT in thousands
		TOTAL	OF WHICH HELD INDIRECTLY			
Wealthcap Immobilien Deutschland 45 GmbH & Co. geschlossene Investment KG	Munich	1.6	1.6			
WealthCap Immobilienfonds Deutschland 30 GmbH & Co. KG	Munich	>0	>0	EUR	46,680	4,773
WealthCap Immobilienfonds Deutschland 31 GmbH & Co. KG (share of voting rights 0.1%)	Munich	>0	>0	EUR	36,942	1,785
WealthCap Immobilienfonds Deutschland 32 GmbH & Co. KG (share of voting rights 0.1%)	Munich	>0	>0	EUR	5,119	3,024
WealthCap Immobilienfonds Deutschland 33 GmbH & Co. KG	Munich	>0	>0	EUR	59,419	3,471
WealthCap Immobilienfonds Deutschland 34 GmbH & Co. KG (share of voting rights 0.1%)	Munich	>0	>0	EUR	43,033	3,173
WealthCap Immobilienfonds Deutschland 35 GmbH & Co. KG	Munich	>0	>0	EUR	132,050	8,234
WealthCap Immobilienfonds Deutschland 37 GmbH & Co. KG	Munich	>0	>0	EUR	61,780	3,175
WealthCap Immobilienfonds Donauwörth 1 GmbH & Co. KG	Munich	>0	>0	EUR	18,592	1,636
WealthCap Immobilienfonds Donauwörth 2 GmbH & Co. KG (share of voting rights 0.0%)	Munich	>0	>0	EUR	4,664	591
WealthCap Immobilien Nordamerika 16 GmbH & Co. geschlossene Investment KG	Munich	>0	>0	USD	47,007	1,009
WealthCap Immobilien Nordamerika 17 GmbH & Co. geschlossene Investment KG	Munich	>0	>0	EUR	49,715	(3,348)
WealthCap Infrastructure Fund I GmbH & Co. KG	Munich	>0	>0	EUR	1,879	(218)
WealthCap Infrastruktur Amerika GmbH & Co. KG (share of voting rights 0.1%)	Grünwald	>0	>0	USD	1,361	(227)
WealthCap Leasing 1 GmbH & Co. KG	Grünwald	5.5	5.5	EUR	26,169	1,481
WealthCap Leasing 2 GmbH & Co. KG	Grünwald	5.5	5.5	EUR	25,570	1,668
WealthCap Leasing 3 GmbH & Co. KG	Grünwald	5.5	5.5	EUR	24,689	1,685
WealthCap Leasing 4 GmbH & Co. KG	Grünwald	5.5	5.5	EUR	22,926	1,344
WealthCap LebensWert 1 GmbH & Co. KG (share of voting rights 0.3%)	Grünwald	>0	>0	EUR	(1,139)	545
WealthCap LebensWert 2. GmbH & Co. KG (share of voting rights 0.1%)	Grünwald	>0	>0	USD	2,632	2,177
WealthCap Life Britannia 2. GmbH & Co KG	Munich	>0	>0	EUR	(68)	4,745
WealthCap Life USA 4. GmbH & Co. KG	Grünwald	>0	>0	USD	60,903	1,924
WealthCap Los Gatos 121 Albright Way L.P.	Wilmington	>0	>0	USD	78,169	18,006
WealthCap Mountain View I L.P. (share of voting rights 0.1%)	Atlanta	—	—	USD	50,734	7
WealthCap Objekt Berg-am-Laim GmbH & Co. KG	Munich	5.2	5.2	EUR	120,451	8,967
Wealthcap Objekt Berg-am-Laim II GmbH & Co. KG	Munich	10.1	10.1	EUR	84,576	910
Wealthcap Objekt Berlin I GmbH & Co. KG	Munich	10.1	10.1			
WealthCap Objekt Berlin II GmbH & Co. KG	Munich	10.1	10.1	EUR	(540)	(774)
Wealthcap Objekt Berlin III GmbH & Co. KG	Munich	10.1	10.1			
WealthCap Objekt Bogenhausen GmbH & Co. KG	Munich	>0	>0	EUR	132,593	2,566
Wealthcap Objekte Grasbrunn und Ismaning GmbH & Co. KG	Munich	10.1	10.1	EUR	(916)	1,837
WealthCap Objekt Essen GmbH & Co. KG	Munich	5.2	5.2	EUR	26,624	1,548
Wealthcap Objekt Essen II GmbH & Co. KG	Munich	10.1	10.1			
WealthCap Objekte Südwest GmbH & Co. KG	Munich	5.1	5.1	EUR	64,877	2,832
WealthCap Objekt Frankfurt GmbH & Co. KG	Munich	5.2	5.2	EUR	46,984	1,036
Wealthcap Objekt Freiburg GmbH & Co. KG	Munich	10.1	10.1			
Wealthcap Objekt Fürstenfeldbruck GmbH & Co. KG	Munich	10.1	10.1			
WealthCap Objekt Hackerbrücke GmbH & Co. KG	Munich	5.2	5.2	EUR	33,358	1,783
WealthCap Objekt Hamburg GmbH & Co. KG	Munich	10.1	10.1	EUR	21,172	97
WealthCap Objekt Hannover Ia GmbH & Co. KG	Munich	5.2	5.2	EUR	14,880	1,451
WealthCap Objekt Hannover Ib GmbH & Co. KG	Munich	5.2	5.2	EUR	3,663	248
WealthCap Objekt Hannover II GmbH & Co. KG	Munich	5.2	5.2	EUR	17,022	451
WealthCap Objekt Hufelandstraße GmbH & Co. KG	Munich	5.2	5.2	EUR	11,748	410
Wealthcap Objekt Ludwigsburg GmbH & Co. KG	Munich	10.1	10.1			
Wealthcap Objekt Mainz GmbH & Co. KG	Munich	10.1	10.1	EUR	(263)	(272)
Wealthcap Objekt Nürnberg GmbH & Co. KG	Munich	10.1	10.1			
Wealthcap Objekt Ottobrunn GmbH & Co. KG	Munich	10.1	10.1			

NAME	REGISTERED OFFICE	SHARE OF CAPITAL IN %		CURRENCY	EQUITY CAPITAL in thousands	NET PROFIT in thousands
		TOTAL	OF WHICH HELD INDIRECTLY			
WealthCap Objekt Riem GmbH & Co. KG	Munich	5.2	5.2	EUR	29,081	1,326
WealthCap Objekt Riem II GmbH & Co. KG	Munich	5.2	5.2	EUR	41,309	2,304
WealthCap Objekt Schwabing GmbH & Co. KG	Munich	5.2	5.2	EUR	29,251	1,718
WealthCap Objekt Sendling GmbH & Co. KG	Munich	5.2	5.2	EUR	59,044	2,405
WealthCap Objekt Stuttgart Ia GmbH & Co. KG	Munich	>0	>0	EUR	17,466	1,165
WealthCap Objekt Stuttgart Ib GmbH & Co. KG	Munich	>0	>0	EUR	19,733	1,194
WealthCap Objekt Stuttgart II GmbH & Co. KG	Munich	5.2	5.2	EUR	24,939	962
WealthCap Objekt Theresienhöhe GmbH & Co. KG	Munich	5.2	5.2	EUR	64,248	2,714
Wealthcap Objekt Tübingen GmbH & Co. KG	Munich	0.1	0.1			
WealthCap Photovoltaik 1 GmbH & Co. KG (share of voting rights 0.1%)	Grünwald	>0	>0	EUR	28,633	2,984
WealthCap Portfolio 3 GmbH & Co. geschlossene Investment KG	Grünwald	>0	>0	EUR	31,114	7,270
Wealthcap Portfolio 4/5 GmbH & Co. KG	Grünwald	>0	>0			
Wealthcap Portfolio 4 GmbH & Co. geschlossene Investment KG	Grünwald	>0	>0			
Wealthcap Portfolio 5 GmbH & Co. geschlossene Investment KG	Grünwald	0.2	0.2			
Wealthcap Portfolio 6 GmbH & Co. geschlossene Investment KG	Grünwald	0.2	0.2			
WealthCap Private Equity 10 GmbH & Co. KG	Munich	>0	>0	EUR	4,451	353
WealthCap Private Equity 11 GmbH & Co. KG	Munich	>0	>0	EUR	1,643	325
WealthCap Private Equity 12 GmbH & Co. KG	Grünwald	>0	>0	EUR	56,802	2,854
WealthCap Private Equity 13 GmbH & Co. KG	Grünwald	>0	>0	EUR	45,549	1,785
WealthCap Private Equity 14 GmbH & Co. KG	Grünwald	>0	>0	EUR	26,438	1,198
WealthCap Private Equity 15 GmbH & Co. KG (share of voting rights 0,1%)	Grünwald	>0	>0	EUR	10,844	1,161
WealthCap Private Equity 16 GmbH & Co. KG (share of voting rights 0,3%)	Grünwald	>0	>0	EUR	1,030	205
WealthCap Private Equity 17 GmbH & Co. geschlossene Investment KG	Grünwald	>0	>0	EUR	13,316	795
WealthCap Private Equity 18 GmbH & Co. geschlossene Investment KG	Grünwald	>0	>0	EUR	9,513	580
WealthCap Private Equity 19 GmbH & Co. geschlossene Investment KG	Grünwald	>0	>0	EUR	89,063	19,725
WealthCap Private Equity 20 GmbH & Co. geschlossene Investment KG	Grünwald	>0	>0	EUR	27,911	6,172
WealthCap Sachwerte Portfolio 1 GmbH & Co. KG	Grünwald	>0	>0	EUR	22,001	1,370
WealthCap Sachwerte Portfolio 2 GmbH & Co. geschlossene Investment KG	Grünwald	>0	>0	EUR	105,969	11,720
WealthCap Spezial-AIF 1 GmbH & Co. geschlossene Investment KG	Munich	>0	>0	EUR	190,246	15,845
WealthCap Spezial-AIF 2 GmbH & Co. geschlossene Investment KG	Munich	5.2	5.2	EUR	113,887	28,082
WealthCap Spezial-AIF 3 GmbH & Co. geschlossene Investment KG	Munich	>0	>0	EUR	257,916	29,752
WealthCap Spezial-AIF 4 GmbH & Co. geschlossene Investment KG	Munich	>0	>0	EUR	151,895	(76)
WealthCap Spezial-AIF 5 GmbH & Co. geschlossene Investment KG	Munich	10.1	10.1	EUR	165,733	1,382
Wealthcap Spezial-AIF Büro 7 GmbH & Co. geschlossene Investment KG	Munich	>0	>0			
Wealthcap Spezial Portfolio Immobilien 1 SCS SICAV-SIF	Luxembourg-Findel	>0	>0	EUR	1,391	(109)
Wealthcap Spezial Portfolio Private Equity 1 SCS SICAV-SIF	Luxembourg-Findel	>0	>0	EUR	4,330	(170)
WealthCap US Life Dritte GmbH & Co. KG (share of voting rights >0%)	Grünwald	0.1	0.1	USD	3,940	(6,861)
Wealthcap Wohnen 1a GmbH & Co. KG	Munich	10.1	10.1	EUR	(405)	(409)
Wealthcap Wohnen 1b GmbH & Co. KG	Munich	10.1	10.1			
Wealthcap Wohnen 1 GmbH & Co. KG	Munich	10.1	10.1	EUR	(906)	(640)
Wealthcap Wohnen Spezial-AIF 1 GmbH & Co. geschlossene Investment KG	Munich	>0	>0			
WealthCap Zweitmarkt 3 BASIS GmbH & Co. KG	Grünwald	>0	>0	EUR	30,813	(130)
WealthCap Zweitmarkt 3 PLUS GmbH & Co. KG	Grünwald	>0	>0	EUR	14,550	5,241
WealthCap ZweitmarktWerte Immobilien 4 GmbH & Co. KG	Munich	>0	>0	EUR	8,458	(39)
Wohnungsbaugesellschaft der Stadt Röthenbach a.d.Pegnitz mit beschränkter Haftung	Röthenbach a.d. Pegnitz	5.2	—	EUR	4,080	186

List of Holdings (CONTINUED)

Exchange rates for 1 euro at the reporting date

Currency code according to the International Organisation for Standardisation (ISO code)

UK	1 EUR =	0.88693	GBP
Hong Kong	1 EUR =	8.3163	HKD
Pakistan	1 EUR =	243.01451	PKR
USA	1 EUR =	1.0666	USD

Notes and comments to the list of holdings

Percentages marked < or > are rounded up or down to one decimal place. Thus <100.0% corresponds, for example, to 99.99% or >0.0%, for example, to 0.01%.

1 Profit and loss transfer to shareholders and partners

2 UniCredit Bank AG has concluded profit and loss agreements with the following companies:

Company	Profit/(loss) transferred € thousands
2.1 HVB Immobilien AG, Munich	(6,90)
2.2 HVB Verwa 4 GmbH, Munich	(64)
2.3 MERKURHOF Grundstücksgesellschaft mit beschränkter Haftung, Munich	2,860
2.4 UniCredit Beteiligungs GmbH, Munich	(16)
2.5 UniCredit Direct Services GmbH, Munich	4,422
2.6 UniCredit Leasing GmbH, Hamburg	20,040
2.7 Wealth Management Capital Holding GmbH, Munich	3,823
of which relating to 2021	823
2.8 Food & more GmbH, Munich	(1,939)
2.9 HVB Secur GmbH, Munich	380
2.10 Verwaltungsgesellschaft Katharinenhof GmbH, Munich	149
of which relating to 2021	3

3 The exemption under Section 264b HGB or under Section 264 (3) HGB applies to the company.

4 Figures from the 2021 annual accounts are indicated for this consolidated company.

5 Where equity capital and net profit are not stated, the information is omitted due to minor importance compliant with Section 286 (3) 1 No. 1 HGB.

6 Disclosures on structured companies with shareholdings included in the consolidated financial statements

6.1	Equity capital amounts to minus €3,424 thousand and the net profit/loss to minus €124 thousand.
6.2	Equity capital amounts to minus €3,304 thousand and the net profit/loss to minus €97 thousand.
6.3	Equity capital amounts to minus €2,677 thousand and the net profit/loss to minus €98 thousand.
6.4	Equity capital amounts to minus €2,151 thousand and the net profit/loss to minus €84 thousand.
6.5	Equity capital amounts to minus €2,957 thousand and the net profit/loss to minus €107 thousand.

7 Pursuant to Section 340a (4) (2) HGB: holdings in large corporations with a share of voting rights greater than 5 percent.

8 Despite a holding of more than 20%, UniCredit Bank AG has no significant influence over the company on account of the ownership structure and the voting patterns to date.

9 The company is held by a trustee on behalf of UniCredit Bank AG.

10 UniCredit Bank AG holds the position of a limited partner under company law and participates in the profit of the company.

11 UniCredit Bank AG holds the position of a limited partner under company law but does not participate in the profit of the company.

Mortgage Banking

66 Coverage

The statement of coverage for Mortgage Pfandbriefe and Public Pfandbriefe is as follows:

€ millions	2022	2021
Mortgage Pfandbriefe		
Standard coverage		
1. Loans and receivables with banks	—	—
Mortgage loans	—	—
2. Loans and receivables with customers	30,555	28,929
Mortgage loans	30,555	28,929
Other cover assets ¹		
1. Other lending to banks	—	—
2. Bonds and other fixed-income securities	557	1,146
3. Equalisation claims on government authorities	—	—
Subtotal	31,112	30,075
Total Mortgage Pfandbriefe requiring cover	25,117	22,561
Excess coverage	5,995	7,514
Public Pfandbriefe		
Standard coverage		
1. Loans and receivables with banks	66	13
Mortgage loans	—	—
Municipal loans	66	13
2. Loans and receivables with customers	5,741	5,419
Mortgage loans	—	—
Municipal loans	5,741	5,419
3. Bonds and other fixed-income securities	163	519
Other cover assets ²		
Other lending to banks	—	—
Subtotal	5,970	5,951
Total Public Pfandbriefe requiring cover	2,894	2,802
Excess coverage	3,076	3,149

1 Compliant with Section 19 (1) of the German PfandBG.

2 Compliant with Section 20 (2) of the German PfandBG.

Mortgage Banking (CONTINUED)

67 Pfandbriefe outstanding and cover assets committed

The following table shows Pfandbriefe outstanding and cover assets committed, broken down by Mortgage Pfandbriefe and Public Pfandbriefe:

€ millions	2022			2021		
	NOMINAL	PRESENT VALUE	RISK PRESENT VALUE ¹	NOMINAL	PRESENT VALUE	RISK PRESENT VALUE ¹
Mortgage Pfandbriefe						
Mortgage Pfandbriefe	25,117	22,489	21,434	22,561	23,453	22,145
of which derivatives	—	—	—	—	—	—
Cover assets ²	31,112	29,175	27,805	30,075	32,779	31,015
of which derivatives	—	—	—	—	—	—
Overcollateralisation (OC)	5,995	6,686	6,371	7,514	9,326	8,870
Statutory OC ^{3,6}	1,009	450	—	—	—	—
Contractual OC ^{4,6}	—	—	—	—	—	—
Voluntary OC ^{5,6}	4,986	6,236	—	—	—	—
Public Pfandbriefe						
Public Pfandbriefe	2,894	2,821	2,736	2,802	3,060	3,018
of which derivatives	—	—	—	—	—	—
Cover assets ⁷	5,970	5,842	5,553	5,951	6,491	6,266
of which derivatives	—	—	—	—	—	—
Overcollateralisation (OC)	3,076	3,021	2,817	3,149	3,431	3,248
Statutory OC	117	56	—	—	—	—
Contractual OC	—	—	—	—	—	—
Voluntary OC	2,959	2,965	—	—	—	—

1 Dynamic procedure compliant with Section 5 (1) no. 2 of the German Pfandbrief Net Present Value Regulation (PfandBarwertV).

2 Including further cover assets compliant with Section 19 (1) of the German PfandBG with a nominal amount of €557 million as at 31 December 2022 and €1,146 million as at 31 December 2021.

3 Statutory overcollateralisation according to the nominal value: total from the nominal value of statutory overcollateralisation compliant with Section 4 (1) of the German PfandBG; present value: the net present value of statutory overcollateralisation compliant with Section 4 (1) of the German PfandBG.

4 Contractual overcollateralisation: contractual excess cover.

5 Voluntary overcollateralisation: residual, depending on the statutory and contractual overcollateralisation; net present value includes the net present value of the nominal value of statutory overcollateralisation compliant with Section 4 (2) of the German PfandBG.

6 Compliant with Section 55 of the German PfandBG, the previous year's data will only be published as of the third quarter 2023.

7 Including no further cover assets compliant with Section 20 (2) of the German PfandBG as at 31 December 2022 and as at 31 December 2021.

68 Maturity structure of Pfandbriefe outstanding and fixed-interest periods of respective cover assets

The following table shows the maturity structure for outstanding Pfandbriefe and fixed-interest periods of cover assets for Mortgage Pfandbriefe and Public Pfandbriefe:

€ millions	2022			2021		
	PFANDBRIEFE	PFANDBRIEFE MATURITY POSTPONEMENT (12 MONTHS) ³	COVERING-ASSETS	COVERING ASSETS MATURITY POSTPONEMENT (12 MONTHS) ³	PFANDBRIEFE	COVERING-ASSETS
Mortgage Pfandbriefe¹	25,117	25,117	31,112	—	22,561	30,075
up to 0.5 years	143	—	1,315	—	1,221	1,205
at least 0.5 years but less than 1 year	1,299	—	1,141	—	779	1,473
at least 1 year but less than 1.5 years	1,450	143	1,585	—	136	1,314
at least 1.5 years but less than 2 years	973	1,299	1,044	—	1,299	1,578
at least 2 years but less than 3 years	2,181	2,423	2,955	—	1,921	2,797
at least 3 years but less than 4 years	3,401	2,181	3,301	—	2,175	2,859
at least 4 years but less than 5 years	2,621	3,401	2,831	—	2,146	2,996
at least 5 years but less than 10 years	8,877	9,873	9,729	—	8,143	9,365
10 years or more	4,172	5,797	7,211	—	4,741	6,488
Public Pfandbriefe²	2,894	2,894	5,970	—	2,802	5,951
up to 0.5 years	96	—	372	—	254	309
at least 0.5 years but less than 1 year	447	—	274	—	613	641
at least 1 year but less than 1.5 years	587	96	301	—	92	371
at least 1.5 years but less than 2 years	40	447	339	—	447	372
at least 2 years but less than 3 years	138	627	600	—	628	528
at least 3 years but less than 4 years	76	138	810	—	138	583
at least 4 years but less than 5 years	1,015	76	504	—	76	712
at least 5 years but less than 10 years	151	1,166	1,763	—	165	1,717
10 years or more	344	344	1,007	—	389	718

1 Including further cover assets in accordance with Section 19 (1) of the German PfandBG; broken down by fixed-interest period and maturity of Pfandbriefe respectively.

2 Including further cover assets in accordance with Section 20 (2) of the German PfandBG; broken down by fixed-interest period and maturity of Pfandbriefe respectively.

3 Effects of the maturity postponement on the maturity structure of the Pfandbriefe/postponement scenario: 12 months. This is an extremely unlikely scenario, which could only come into effect after the appointment of a trustee.

Mortgage Banking (CONTINUED)

69 Volume of claims used as cover for Pfandbriefe, broken down by size class

The following table shows the volume of claims used as cover for Pfandbriefe:

€ millions	2022	2021
Mortgage cover assets	30,555	28,929
up to and including €300,000	10,588	10,820
over €300,000 up to and including €1 million	5,542	5,055
over €1 million up to and including €10 million	6,849	6,354
more than €10 million	7,576	6,700
Public Pfandbriefe¹	5,970	5,951
up to and including €10 million	1,016	1,098
over €10 million up to and including €100 million	1,681	1,879
more than €100 million	3,273	2,974

1 Volume of claims used as cover for Public Pfandbriefe according to size class, in each case with respect to a debtor or a guaranteeing entity.

70 Volume of claims used as cover for Mortgage Pfandbriefe, broken down by state in which the real property collateral is located and property type

The following table shows the volume of claims used as cover for Mortgage Pfandbriefe, broken down by state in which the real property collateral is located and property type:

€ millions	2022		2021	
	RESIDENTIAL PROPERTY	COMMERCIAL PROPERTY	RESIDENTIAL PROPERTY	COMMERCIAL PROPERTY
Germany	21,654	8,901	20,511	8,418
Condominiums	4,994	—	4,833	—
Single-family and two-family houses	9,088	—	8,634	—
Multiple-family houses	7,444	—	6,923	—
Office buildings	—	4,949	—	4,515
Retail buildings	—	2,725	—	2,555
Industrial buildings	—	328	—	308
Other commercially used buildings	—	703	—	710
New buildings under construction, not yet profitable	64	69	59	193
Building land	64	127	62	137
France	—	—	—	—
Single-family and two-family houses	—	—	—	—
Total	21,654	8,901	20,511	8,418

71 Volume of claims used as cover for Public Pfandbriefe, broken down by type of debtor or guaranteeing entity and its home country

The following table shows the volume of claims used as cover for Public Pfandbriefe broken down by type of borrower or guaranteeing entity and head office (state) as well as by whether or not the guarantee was granted for reasons of promoting exports:

€ millions	2022	2021
Germany		
Central government	754	834
of which owed	—	—
of which guaranteed	754	834
Regional authorities	1,556	1,702
of which owed	1,272	1,402
of which guaranteed	284	300
Local authorities	3,134	2,913
of which owed	2,931	2,669
of which guaranteed	203	244
Other	37	30
of which owed	37	30
of which guaranteed	—	—
Total Germany	5,481	5,479
of which owed	4,240	4,101
of which guaranteed	1,241	1,378
Guarantees for reasons of promoting exports	699	834
Denmark	12	14
Central government	12	14
of which owed	—	—
of which guaranteed	12	14
Guarantees for reasons of promoting exports	12	14
France	270	269
Central government	270	269
of which owed	—	—
of which guaranteed	270	269
Guarantees for reasons of promoting exports	270	269
UK / Northern Ireland	172	132
Central government	172	132
of which owed	—	—
of which guaranteed	172	132
Guarantees for reasons of promoting exports	172	132
Austria	20	40
Central government	20	40
of which owed	20	20
of which guaranteed	—	20
Guarantees for reasons of promoting exports	—	—
Switzerland	15	17
Central government	15	17
of which owed	—	—
of which guaranteed	15	17
Guarantees for reasons of promoting exports	15	17
Total	5,970	5,951
of which owed	4,260	4,121
of which guaranteed	1,710	1,830
Guarantees for reasons of promoting exports	1,168	1,266

Mortgage Banking (CONTINUED)

72 Other eligible cover

The following table shows the breakdown of other eligible cover for Mortgage Pfandbriefe and Public Pfandbriefe:

€ millions	2022	2021
Mortgage Pfandbriefe	557	1,146
Claims according to Section 19 (1) s. 1 nos. 2 a) and b) PfandBG	—	—
Germany	—	—
of which covered bonds according to Article 129 of Regulation (EU) No. 575/2013	—	—
Claims according to Section 19 (1) s. 1 nos. 3 a) to c) PfandBG	—	—
Germany	—	—
of which covered bonds according to Article 129 of Regulation (EU) No. 575/2013	—	—
Claims according to Section 19 (1) s. 1 no. 4 PfandBG	557	1,146
Germany	557	1,146
Public Pfandbriefe	—	—
Claims according to Section 20 (2) s. 1 nos. 3 a) to c) PfandBG	—	—
All states	—	—
of which covered bonds according to Article 129 of Regulation (EU) No. 575/2013	—	—
Claims according to Section 20 (2) s. 1 no. 4 PfandBG	—	—
All states	—	—
of which covered bonds according to Article 129 of Regulation (EU) No. 575/2013	—	—
Claims according to Section 20 (2) s. 1 no. 2 PfandBG	—	—
All states	—	—

73 Key figures for Pfandbriefe outstanding and associated cover assets

The following table shows the breakdown of key figures for Mortgage Pfandbriefe and Public Pfandbriefe outstanding:

		2022	2021
Mortgage Pfandbriefe			
Mortgage Pfandbriefe outstanding	€ millions	25,117	22,561
of which percentage share of fixed-interest Pfandbriefe (Section 28 (1) no. 13 PfandBG)	%	99.1	98.8
Cover assets ¹	€ millions	31,112	30,075
of which total amount of the claims according to Section 12 (1) which exceed the limits laid down in Section 13 (1) s. 2 2nd half sentence (Section 28 (1) s. 1 no. 11 PfandBG)	€ millions	—	—
of which total amount of the assets according to Section 19 (1) which exceed the limits laid down in Section 19 (1) s. 7 (Section 28 (1) s.1 no. 11 PfandBG)	€ millions	—	—
Claims which exceed the limits laid down in Section 19 (1) no. 2 (Section 28 (1) s. 1 no. 12 PfandBG)	€ millions	—	—
Claims which exceed the limits laid down in Section 19 (1) no. 3 (Section 28 (1) s. 1 no. 12 PfandBG)	€ millions	—	—
Claims which exceed the limits laid down in Section 19 (1) no. 4 (Section 28 (1) s.1 no. 12 PfandBG)	€ millions	—	—
of which percentage share of fixed-interest cover assets (Section 28 (1) no. 13 PfandBG)	%	82.5	82.5
Net present value according to Section 6 Pfandbrief Net Present Value Regulation for each foreign currency, in euros (Section 28 (1) no. 14 PfandBG – net total)	€ millions	—	—
Volume-weighted average of the age of loans and receivables (term elapsed since the loan was granted – seasoning) (Section 28 (2) no. 4 PfandBG)	years	6.8	7.0
Average weighted loan-to-value ratio (Section 28 (2) no. 3 PfandBG)	%	42.3	41.7
Key figures on liquidity according to Section 28 (1) s. 1 no. 6 PfandBG ²			
Largest negative amount within the next 180 days within the meaning of Section 4 (1a) s. 3 PfandBG for Pfandbriefe (liquidity requirement)	€ millions	130.9	—
Day on which the largest negative sum occurs	Day (1-180)	25.0	—
Total amount of cover assets meeting the requirements of Section 4 (1a) s. 3 PfandBG	€ millions	494.3	—
Key figures according to Section 28 (1) s.1 no. 15 PfandBG ²			
Share of cover assets in the cover pool for which or for whose debtor a default pursuant to Art. 178 (1) CRR is deemed to have occurred.	%	—	—
Public Pfandbriefe			
Public Pfandbriefe outstanding	€ millions	2,894	2,802
of which percentage share of fixed-income Pfandbriefe (Section 28 (1) no. 13 PfandBG)	%	99.8	99.8
Cover assets ³	€ millions	5,970	5,951
of which total amount of the claims according to Section 20 (1 and 2) which exceed the limits laid down in Section 20 (3) (Section 28 (1) s.1 no. 11 PfandBG)	€ millions	—	—
Claims which exceed the limits laid down in Section 20 (2) no. 2 (Section 28 (1) s. 1 no. 12 PfandBG)	€ millions	—	—
Claims which exceed the limits laid down in Section 20 (2) no. 3 (Section 28 (1) s. 1 no. 12 PfandBG)	€ millions	—	—
of which share of fixed-interest cover assets (Section 28 (1) no. 13 PfandBG)	%	73.9	69.2
Net present value according to Section 6 Pfandbrief Net Present Value Regulation for each foreign currency in € millions (Section 28 (1) no. 14 PfandBG – net total)	USD	190	(30)
Key figures on liquidity according to Section 28 (1) s. 1 no. 6 PfandBG ²			
Largest negative amount within the next 180 days within the meaning of Section 4 (1a) s. 3 PfandBG for Pfandbriefe	€ millions	7.4	—
Day on which the largest negative sum occurs	Day (1-180)	11.0	—
Total amount of cover assets meeting the requirements of Section 4 (1a) s. 3 PfandBG (liquidity cover)	€ millions	155.2	—
Key figures according to Section 28 (1) s. 1 no. 15 PfandBG ²			
Share of cover assets in the cover pool for which or for whose debtor a default pursuant to Art. 178 1 CRR is deemed to have occurred	%	—	—

1 Including further cover assets according to Section 19 (1) German PfandBG.

2 The previous year's data will be published compliant with Section 55 German PfandBG only as of third quarter 2023

3 Including further cover assets according to Section 20 (2) German PfandBG.

Mortgage Banking (CONTINUED)

74 Payments in arrears

Total amount of payments in arrears for at least 90 days in respect of the claims used as cover for Pfandbriefe and breakdown by states in which the real property collateral is located:

€ millions	2022	2021
Mortgage Pfandbriefe		
Payments in arrears of at least 90 days	—	—
Germany	—	—
Total amount of these claims where the respective arrears equal at least 5% of the loan	1	—
Germany	1	—
Public Pfandbriefe		
Payments in arrears of at least 90 days	—	—
All states	—	—
Total amount of these claims where the respective arrears equal at least 5% of the loan	—	—
All states	—	—

75 Foreclosures and sequestrations

The following table shows the breakdown of foreclosures for mortgage cover assets carried out in the reporting year:

	NUMBER OF PROCEEDINGS	OF WHICH	
		COMMERCIAL PROPERTY	RESIDENTIAL PROPERTY
Foreclosures and sequestrations			
a) Pending at 31 December 2022			
Foreclosure proceedings	1	—	—
Sequestration proceedings	—	—	—
Foreclosure and sequestration proceedings	1	—	—
	2	—	—
Comparative figures from 2021	10	—	10
b) Foreclosures finalised in 2022	—	—	—
Comparative figures from 2021	1	—	—
Properties repossessed			
As in the previous year the Pfandbrief bank did not have to repossess any properties during the reporting year to prevent losses on mortgage loans.			

76 Interest in arrears

Interest in arrears on mortgage cover assets due between 1 October 2021 and 30 September 2022 breaks down as follows:

€ millions	2022	2021
Interest in arrears	—	—
Commercial property	—	—
Residential property	—	—

The present annual financial statements were prepared on 28 February 2023.

Munich, 28 February 2023

UniCredit Bank AG
The Management Board



Dr Diederich



Gruca



Höllinger



Dr Kullnigg



Kupfer



Reusch



Scukanec Hopinski



Tesić

Declaration by the Management

To the best of our knowledge, and in accordance with the applicable reporting principles, the annual financial statements give a true and fair view of the assets, liabilities, financial position and profit or loss of HVB, and the Management Report includes a fair review of the development and performance of the business and the position of HVB, together with a description of the principal opportunities and risks associated with the expected development of HVB.

Munich, 28 February 2023

UniCredit Bank AG
The Management Board



Dr Diederich



Gruca



Höllinger



Dr Kullnigg



Kupfer



Reusch



Scukanec Hopinski



Tesić

Auditor's Report

Note: This is a translation of the German original. Solely the original text in German language is authoritative.

Independent Auditor's Report

To UniCredit Bank AG, Munich

Report on the Audit of the Annual Financial Statements and of the Combined Management Report

Opinions

We have audited the annual financial statements of UniCredit Bank AG, Munich, which comprise the balance sheet as of December 31, 2022, and the income statement for the financial year from January 1 to December 31, 2022, and notes to the financial statements, including the recognition and measurement policies presented therein. In addition, we have audited the management report of the Company and the Group (hereinafter: combined management report) of UniCredit Bank AG for the financial year from January 1 to December 31, 2022.

In accordance with German legal requirements, we have not audited the content of the corporate governance statement pursuant to Section 289f (4) HGB [Handelsgesetzbuch: German Commercial Code] (disclosures on the quota for women on executive boards), which is included in Section "Group's business profile" of the combined management report.

In our opinion, on the basis of the knowledge obtained in the audit,

- the accompanying annual financial statements comply, in all material respects, with the requirements of German commercial law applicable to financial institutions and give a true and fair view of the assets, liabilities and financial position of the Company as of December 31, 2022 and of its financial performance for the financial year from January 1 to December 31, 2022, in compliance with German legally required accounting principles, and
- the accompanying combined management report as a whole provides an appropriate view of the Company's position. In all material respects, this combined management report is consistent with the annual financial statements, complies with German legal requirements and appropriately presents the opportunities and risks of future development. Our opinion on the combined management report does not cover the content of the corporate governance statement referred to above.

Pursuant to Section 322 (3) sentence 1 HGB [Handelsgesetzbuch: German Commercial Code], we declare that our audit has not led to any reservations relating to the legal compliance of the annual financial statements and of the combined management report.

Basis for the Opinions

We conducted our audit of the annual financial statements and of the combined management report in accordance with Section 317 HGB and the EU Audit Regulation No 537/2014 (referred to subsequently as "EU Audit Regulation") and in compliance with German Generally Accepted Standards for Financial Statement Audits promulgated by the Institut der Wirtschaftsprüfer [Institute of

Auditor's Report (CONTINUED)

Public Auditors in Germany] (IDW). Our responsibilities under those requirements and principles are further described in the "Auditor's Responsibilities for the Audit of the Annual Financial Statements and of the Combined Management Report" section of our auditor's report. We are independent of the Company in accordance with the requirements of European law and German commercial and professional law, and we have fulfilled our other German professional responsibilities in accordance with these requirements. In addition, in accordance with Article 10 (2)(f) of the EU Audit Regulation, we declare that we have not provided non-audit services prohibited under Article 5 (1) of the EU Audit Regulation. We believe that the evidence we have obtained is sufficient and appropriate to provide a basis for our opinions on the annual financial statements and on the combined management report.

Key Audit Matters in the Audit of the Annual Financial Statements

Key audit matters are those matters that, in our professional judgment, were of most significance in our audit of the annual financial statements for the financial year from January 1 to December 31, 2022. These matters were addressed in the context of our audit of the annual financial statements as a whole, and in forming our opinion thereon, we do not provide a separate opinion on these matters.

■ Calculation of the general loan loss allowance in accordance with IDW RS BFA 7

For information on the accounting policies applied, please refer to notes 2 and 5 in the notes to the financial statements.

THE FINANCIAL STATEMENT RISK

In its annual financial statements as of December 31, 2022, UniCredit Bank AG recognized loans and receivables with banks of EUR 49.3 billion (PY: EUR 24.6 billion), and loans and receivables with customers in the amount of EUR 127.6 billion (PY: EUR 120.4 billion). These balances form the basis for recognizing general loan loss allowance in accordance with the IDW Accounting Principle: Risk provisioning for foreseeable, but not yet individually defined counterparty credit risks in the lending business of credit institutions ("general loan loss provisions") (IDW RS BFA 7).

The calculation of loan loss allowances is based on the valuation principles of Section 252 (1) no. 4 in conjunction with Section 340a (1) HGB, although, in accordance with IDW RS BFA 7, the principles of IFRS 9 may be applied for the calculation of provisions for loan losses under German commercial law. The calculation of loan loss allowances pursuant to IFRS 9 is based on expected credit losses and therefore also includes expectations about the future. In this regard, only allowances for loan losses for Stage 1 and Stage 2 are considered for general loan loss provisioning pursuant to IDW RS BFA 7.

The loan loss allowance for Stage 1 corresponds to the expected credit losses from default events in the next twelve months. The loan loss allowance for Stage 2 relates to financial instruments whose credit risk has risen considerably since initial recognition. The loan loss allowance for Stage 2 takes into account all expected credit losses from default events for the entire remaining term.

Complex models are necessary to calculate the loan loss allowance for expected credit losses in Stages 1 and 2.

At the same time, various value determinants, such as the determination of statistical probabilities of default and loss given default, the possible receivable amount on default, the stage transfer criteria that are related to a significant increase in the credit risk of borrowers (SICR), and the calculation of future cash flows are taken into account. Furthermore, macroeconomic scenarios are incorporated into the calculation.

Further external information, such as that relating to secondary effects caused by the Russia-Ukraine war and which cannot be mapped by the scenarios, is – where necessary – included in the measurement through subsequent post-model adjustments.

There is considerable judgment with regard to the models used to determine the aforementioned parameters, the internal ratings, the criteria for identifying a significant increase in credit risk, the selection of macroeconomic variables as well as the determination of the post-model adjustments.

There is the risk for the financial statements that due to improper use of models or inappropriate parameters, the amount of the allowance for expected credit losses is inaccurately presented in stages 1 and 2.

OUR AUDIT APPROACH

Based on our risk assessment and evaluation of the risks of material misstatement, we used both control-based and substantive audit procedures for our audit opinion.

We tested the design, setup and effectiveness of the relevant controls used to calculate the general loan loss allowance.

Among other controls, our audit included controls regarding:

- Determination of parameter-based loan loss allowances
- Validation of the models used for this purpose
- Rating determination and approval
- Approval of the concept and the determination of post-model adjustments

With the involvement of our IT experts, we verified the effectiveness of the general IT controls and application controls for the IT systems and individual data processing systems deployed in this regard.

In addition, we conducted the following substantive audit procedures:

- Evaluation of methods for calculating the loan loss allowances and the accounting policies for the loan loss allowances
- Evaluation of significant model adjustments
- Verification of the Bank's validations for selected significant models and recalculation of validation tests
- Review of the ratings, collateral valuation and assessment of solvency for borrowers selected on the basis of risk as well as assessment of the criteria used to identify a significant increase in the credit risk
- Evaluation of the stage methodology and allocation as well as its implementation
- Recalculation of the parameter-based loan loss allowance calculation
- Assessment of the appropriateness of the macroeconomic variables, scenarios and their weighting
- Assessment of the assumptions, calculation and implementation of post-model adjustments
- Benchmarking of key elements of the methodology, assumptions and macroeconomic variables with institutions of similar size and complexity

OUR OBSERVATIONS

The models used to calculate the general loan loss allowance for expected credit losses were appropriately applied in accordance with the applicable accounting policies. The parameters underlying the calculation are appropriate.

Auditor's Report (CONTINUED)

Measurement of the fair value of financial instruments of the trading portfolio, for which there is no active market

For the accounting policies applied, please refer to note 7 in the notes to the financial statements.

THE FINANCIAL STATEMENT RISK

In the annual financial statements of UniCredit Bank AG as of December 31, 2022, held-for-trading portfolio items under assets of EUR 68.7 billion (PY: EUR 67.8 billion) and held-for-trading portfolio items under liabilities of EUR 47.0 billion (PY: EUR 37.1 billion) have been recognized. This represents 22.0% (PY: 23.3%) (held-for-trading under assets) and 15.1% (PY: 12.7%) (held-for-trading under liabilities) of the balance sheet total and is in each case a material item on the balance sheet of UniCredit Bank AG. These items include a significant portion of securities and derivatives, for which there is no quoted price on an active market and for which observable and/or unobservable market data was used for the valuation method.

The fair values are to be determined based on recognized valuation methods. These valuation methods can be based on complex models and involve assumptions requiring judgment, especially for unobservable parameters.

The risk for the financial statements is that no appropriate valuation methods and no appropriate inputs, especially for unobservable inputs, were used to determine the fair values of these financial instruments.

OUR AUDIT APPROACH

Based on our risk assessment and evaluation of the risks of material misstatement, we used both control-based and substantive audit procedures for our audit opinion.

We tested the design, setup and effectiveness of the relevant controls used to determine the fair value of held-for-trading financial instruments.

Among other controls, our audit included controls regarding:

- Validation or independent verification of observable and unobservable market data/prices
- Validation of the valuation method and models
- Recording of trading transactions and of trade date relevant for the valuation in the IT systems

In addition, we also audited the effectiveness of the general IT controls for the IT systems that are used.

As of December 31, 2022, we also conducted the following substantive audit procedures for held-for-trading financial instruments selected on the basis of risk, for which there is no active market:

- Post evaluation of fair values using independent valuation methods, parameters and models with the involvement of KPMG's in-house valuation experts
- Inspecting the functional design, documentation and post evaluation of valuation adjustments (selected on the basis of risk) for determining fair value
- Assessing the appropriateness of the Bank's own valuation curve used to measure financial liabilities

OUR OBSERVATIONS

The models and valuation parameters used to determine the fair values of held-for-trading financial instruments for which there is no active market are appropriate.

■ Recognition and measurement of deferred tax assets

For information on the accounting policies applied, please refer to notes 2 and 15 in the notes to the financial statements.

THE FINANCIAL STATEMENT RISK

In the annual financial statements of UniCredit Bank AG as of December 31, 2022, deferred tax assets of EUR 1,190 million on a net basis (PY: EUR 0 million) were reported.

The recognition and measurement of deferred tax assets require judgments and also necessitate – besides the consideration of objective factors – numerous estimates of future tax earnings and the usability of tax losses and previously unused tax credits. The estimation of the usability of tax assets is particularly based on future tax earnings potential. The earnings potential is determined on the basis of corporate planning and taking into account the expected developments of significant value-determining assumptions and parameters contained therein. These include in particular assumptions on the development of pre-tax earnings and the influence of non-recurring items and (from a tax perspective) permanent effects that determine positive tax earnings available in the future. The assumptions also concern political and economic developments and conditions, as well as special national tax regulations and tax planning strategies.

There is the risk for the financial statements especially that appropriate assumptions are not made regarding the future usability of deferred tax assets and therefore that the reported deferred tax assets are not recoverable or not fully recoverable.

OUR AUDIT APPROACH

Based on our risk assessment and evaluation of the risks of material misstatement, we developed an audit approach which encompasses both control testing as well as substantive audit procedures.

Based on the tax legislation relevant for the annual financial statements and requirements of Section 274 HGB, we first made a risk assessment with regard to the recognition and measurement of deferred tax assets. Based on this and with the involvement of our KPMG in-house tax experts, we then carried out both control-based as well as substantive audit procedures.

As part of our control testing, we audited – among other things – the setup, establishment and effectiveness of the internal controls with regard to the recognition and measurement of deferred tax assets at the Bank. This also included the changes in the assumptions used to determine the future taxable profit.

In addition, we conducted substantive audit procedures for (among others) a risk-oriented, selective sample of individual deferred tax assets. These included in particular:

- Evaluation of the applied methodology for the recognition and measurement of deferred tax assets in accordance with the requirements of Section 274 HGB
- Evaluation of the temporary differences between the reported HGB amounts and the accounts for tax purposes
- Evaluation of the appropriateness of the assumptions and parameters used in corporate planning as well as the underlying planning horizon with regard to the future taxable earnings
- Evaluation of the Company's previous forecasts by comparing the budgets of previous reporting years with actual earnings realized and by analyzing deviations

OUR OBSERVATIONS

The assumptions made on the future usability of deferred tax assets are appropriate.

Auditor's Report (CONTINUED)

Other Information

Management and/or the Supervisory Board are/is responsible for the other information. The other information comprises the following components of the combined management report, whose content was not audited:

- the corporate governance statement pursuant to Section 289f (4) HGB (disclosures on the quota for women on executive boards), which is included in the section entitled "Corporate governance statement pursuant to Section 289f (4) HGB" of the combined management report.

The other information also includes the remaining parts of the annual report. The other information does not include the annual financial statements, the combined management report information audited for content and our auditor's report thereon.

Our opinions on the annual financial statements and on the combined management report do not cover the other information, and consequently we do not express an opinion or any other form of assurance conclusion thereon.

In connection with our audit, our responsibility is to read the other information and, in so doing, to consider whether the other information

- is materially inconsistent with the annual financial statements, with the combined management report information audited for content or our knowledge obtained in the audit, or
- otherwise appears to be materially misstated.

Responsibilities of Management and the Supervisory Board for the Annual Financial Statements and the Combined Management Report

Management is responsible for the preparation of the annual financial statements that comply, in all material respects, with the requirements of German commercial law applicable to financial institutions, and that the annual financial statements give a true and fair view of the assets, liabilities, financial position and financial performance of the Company in compliance with German legally required accounting principles. In addition, management is responsible for such internal control as they, in accordance with German legally required accounting principles, have determined necessary to enable the preparation of annual financial statements that are free from material misstatement, whether due to fraud (i.e., fraudulent financial reporting and misappropriation of assets) or error.

In preparing the annual financial statements, management is responsible for assessing the Company's ability to continue as a going concern. They also have the responsibility for disclosing, as applicable, matters related to going concern. In addition, they are responsible for financial reporting based on the going-concern basis of accounting, provided no actual or legal circumstances conflict therewith.

Furthermore, management is responsible for the preparation of the combined management report that as a whole provides an appropriate view of the Company's position and is, in all material respects, consistent with the annual financial statements, complies with German legal requirements, and appropriately presents the opportunities and risks of future development. In addition, management is responsible for such arrangements and measures (systems) as they have considered necessary to enable the preparation of a combined management report that is in accordance with the applicable German legal requirements, and to be able to provide sufficient appropriate evidence for the assertions in the combined management report.

The Supervisory Board is responsible for overseeing the Company's financial reporting process for the preparation of the annual financial statements and of the combined management report.

Auditor's Responsibilities for the Audit of the Annual Financial Statements and of the Combined Management Report

Our objectives are to obtain reasonable assurance about whether the annual financial statements as a whole are free from material misstatement, whether due to fraud or error, and whether the combined management report as a whole provides an appropriate view of the Company's position and, in all material respects, is consistent with the annual financial statements and the knowledge obtained in the audit, complies with the German legal requirements and appropriately presents the opportunities and risks of future development, as well as to issue an auditor's report that includes our opinions on the annual financial statements and on the combined management report.

Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Section 317 HGB and the EU Audit Regulation and in compliance with German Generally Accepted Standards for Financial Statement Audits promulgated by the Institut der Wirtschaftsprüfer (IDW) will always detect a material misstatement. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these annual financial statements and this combined management report.

We exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the annual financial statements and of the combined management report, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinions. The risk of not detecting a material misstatement resulting from fraud is higher than the risk of not detecting a material misstatement resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal controls.
- Obtain an understanding of internal control relevant to the audit of the annual financial statements and of arrangements and measures (systems) relevant to the audit of the combined management report in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of these systems.
- Evaluate the appropriateness of accounting policies used by management and the reasonableness of estimates made by management and related disclosures.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Company's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in the auditor's report to the related disclosures in the annual financial statements and in the combined management report or, if such disclosures are inadequate, to modify our respective opinions. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Company to cease to be able to continue as a going concern.
- Evaluate the overall presentation, structure and content of the annual financial statements, including the disclosures, and whether the annual financial statements present the underlying transactions and events in a manner that the annual financial statements give a true and fair view of the assets, liabilities, financial position and financial performance of the Company in compliance with German legally required accounting principles.
- Evaluate the consistency of the combined management report with the annual financial statements, its conformity with [German] law, and the view of the Company's position it provides.
- Perform audit procedures on the prospective information presented by management in the combined management report. On the basis of sufficient appropriate audit evidence we evaluate, in particular, the significant assumptions used by management as a basis for the prospective information, and evaluate the proper derivation of the prospective information from these

Auditor's Report (CONTINUED)

assumptions. We do not express a separate opinion on the prospective information and on the assumptions used as a basis. There is a substantial unavoidable risk that future events will differ materially from the prospective information.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with the relevant independence requirements, and communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, the actions taken or safeguards applied to eliminate independence threats.

From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the annual financial statements of the current period and are therefore the key audit matters. We describe these matters in our auditor's report unless law or regulation precludes public disclosure about the matter.

Other Legal and Regulatory Requirements

Report on the Assurance on the Electronic Rendering of the Annual Financial Statements and the Combined Management Report Prepared for Publication Purposes in Accordance with Section 317 (3a) HGB

We have performed assurance work in accordance with Section 317 (3a) HGB to obtain reasonable assurance about whether the rendering of the annual financial statements and the combined management report (hereinafter the "ESEF documents") contained in the electronic file "02b_80050067_ESEF_JA.html" (SHA256 hash value: 707d9d8dc82e6bdecdcf84ceed4b6246bf08e5c289f4a329451271437ca49c04e) made available and prepared for publication purposes complies in all material respects with the requirements of Section 328 (1) HGB for the electronic reporting format ("ESEF format"). In accordance with German legal requirements, this assurance work extends only to the conversion of the information contained in the annual financial statements and the combined management report into the ESEF format and therefore relates neither to the information contained within these renderings nor to any other information contained in the file identified above.

In our opinion, the rendering of the annual financial statements and the combined management report contained in the electronic file made available identified above and prepared for publication purposes complies in all material respects with the requirements of Section 328 (1) HGB for the electronic reporting format. Beyond this assurance opinion and our audit opinion on the accompanying annual financial statements and the accompanying combined management report for the financial year from January 1 to December 31, 2022, contained in the "Report on the Audit of the Annual Financial Statements and of the Combined Management Report" above, we do not express any assurance opinion on the information contained within these renderings or on the other information contained in the file identified above.

We conducted our assurance work on the rendering of the annual financial statements and the combined management report, contained in the file made available and identified above in accordance with Section 317 (3a) HGB and the IDW Assurance Standard: Assurance Work on the Electronic Rendering of Financial Statements and Management Reports Prepared for Publication Purposes in Accordance with Section 317 (3a) HGB (IDW AsS 410 (06.2022)). Our responsibility in accordance therewith is further described below. Our audit firm applies the IDW Standard on Quality Management 1: Requirements for Quality Management in Audit Firms (IDW QS 1).

The Company's management is responsible for the preparation of the ESEF documents including the electronic renderings of the annual financial statements and the combined management report in accordance with Section 328 (1) sentence 4 item 1 HGB.

In addition, the Company's management is responsible for such internal control as they have considered necessary to enable the preparation of ESEF documents that are free from material intentional or unintentional non-compliance with the requirements of Section 328 (1) HGB for the electronic reporting format.

The Supervisory Board is responsible for overseeing the process of preparing the ESEF documents as part of the financial reporting process.

Our objective is to obtain reasonable assurance about whether the ESEF documents are free from material intentional or unintentional non-compliance with the requirements of Section 328 (1) HGB. We exercise professional judgment and maintain professional skepticism throughout the assurance work. We also:

- Identify and assess the risks of material intentional or unintentional non-compliance with the requirements of Section 328 (1) HGB, design and perform assurance procedures responsive to those risks, and obtain assurance evidence that is sufficient and appropriate to provide a basis for our assurance opinion.
- Obtain an understanding of internal control relevant to the assurance on the ESEF documents in order to design assurance procedures that are appropriate in the circumstances, but not for the purpose of expressing an assurance opinion on the effectiveness of these controls.
- Evaluate the technical validity of the ESEF documents, i.e. whether the file made available containing the ESEF documents meets the requirements of the Commission Delegated Regulation (EU) 2019/815, as amended as of the reporting date, on the technical specification for this electronic file.
- Evaluate whether the ESEF documents provide an XHTML rendering with content equivalent to the audited annual financial statements and the audited combined management report.

Further information pursuant to Article 10 of the EU Audit Regulation

We were elected as auditor at the Annual General Meeting on May 5, 2022. We were engaged by the Supervisory Board on July 27, 2022. We have been the auditor of UniCredit Bank AG without interruption since the financial year 2022.

We declare that the opinions expressed in this auditor's report are consistent with the additional report to the Audit Committee pursuant to Article 11 of the EU Audit Regulation (long-form audit report).

Other Matter – Use of the Auditor's Report

Our auditor's report must always be read together with the audited annual financial statements and the audited combined management report as well as the examined ESEF documents. The annual financial statements and the combined management report converted into ESEF format – including the versions to be entered in the company register – are merely electronic renderings of the audited annual financial statements and the audited combined management report and do not take their place. In particular, the ESEF report and our assurance opinion contained therein are to be used solely together with the examined ESEF documents provided in electronic form.

Auditor's Report (CONTINUED)

German Public Auditor Responsible for the Engagement

The German Public Auditor responsible for the engagement is Klaus-Ulrich Pfeiffer.

Munich, March 1, 2023

KPMG AG
Wirtschaftsprüfungsgesellschaft
[Original German version signed by:]

Pfeiffer
Wirtschaftsprüfer
[German Public Auditor]

Bormann
Wirtschaftsprüfer
[German Public Auditor]

Contacts

Should you have any questions about the annual report, please contact Media Relations by calling +49 (0)89 378-25801

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