

Creating true value.



# Investor Presentation

March 2024

**S** Finanzgruppe

#### Agenda

**01** NORD/LB at a glance

Business Profile | Segments | Governance

**02** Financial Year 2023

Results | Risk | Transformation

**03** Business segments

Private and Commercial Cust. | Corporate Cust. & SBN | Markets | Special Finance | Real Estate Banking Cust.

# Funding

Capital | Liquidity | Green Bonds | Covered Bonds

05 Facts & Figures Balance Sheet | P&L | Rating | Financial Calendar



04

# NORD/LB at a glance

#### Position

As a mid-sized universal bank with 4,000 employees, we maintain long-term client relationships with corporate and institutional clients, private clients and the public sector. We are a leading institution, firmly established in northern Germany, with global operations in selected business areas through branches in London, New York and Singapore.

#### Bank of the energy transition

With more than 60 gigawatts financed capacity in renewable energy - wind, solar, battery storage - we are one of the leading financiers of renewable energy. In the social sector, we finance education, social housing, hospitals and public transport. We have established ourselves on the market as a renowned issuer of green bonds.

# pro t loa

#### Strategy

Following the completion of a transformation program, we are now growing selectively. Based on total assets of around € 110 billion and customer loans of around € 75 billion, we create value in five well-defined business areas. We support our customers in their transformation to a more sustainable economy.

#### State- and Girozentralbank

As a public-sector State-bank for Lower Saxony and Saxony-Anhalt, we bear regional responsibility. We act as the central bank for the savings banks in Lower Saxony, Saxony-Anhalt and Mecklenburg-Western Pomerania. As a member of the Savings Banks Finance Group, we offer the network and protection of one of the largest banking groups in the world.

# **Ownership structure and ownership region**

#### Headquarters and ownership region



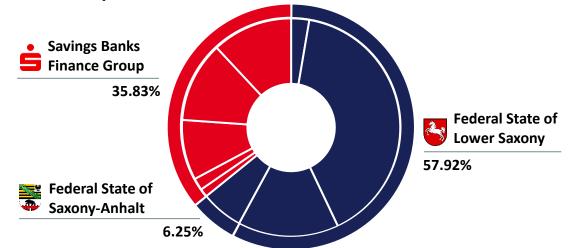


State Bank "Landesbank" for Lower Saxony and Saxony-Anhalt



Central bank for the savings banks in Lower Saxony, Saxony-Anhalt and Mecklenburg-Western Pomerania (≈ 60 regional savings banks). Joint market development and expansion of the product range

#### **Ownership structure**<sup>(1)</sup>



NORD/LB

(1) Simplified illustration as of 31 December 2023, for the exact breakdown between the trust- & holding companies see § 3 of the Statutes

#### **Management Board**



Chief Operating Officer Chief Representative

NORD/LB

**Chief Risk Officer** 

## **Business segments and brands**



NORD

## Agenda

**01** NORD/LB at a glance

Business Profile | Segments | Governance

**02** Financial Year 2023

Results | Risk | Transformation

**03** Business segments

Private and Commercial Cust. | Corporate Cust. & SBN | Markets | Special Finance | Real Estate Banking Cust.

# Funding

Capital | Liquidity | Green Bonds | Covered Bonds

05 Facts & Figures Balance Sheet | P&L | Rating | Financial Calendar



04

# Highlights 2023

**Continued positive earnings development – NORD/LB sustainably profitable** 

Significant revenue growth and continued cost discipline

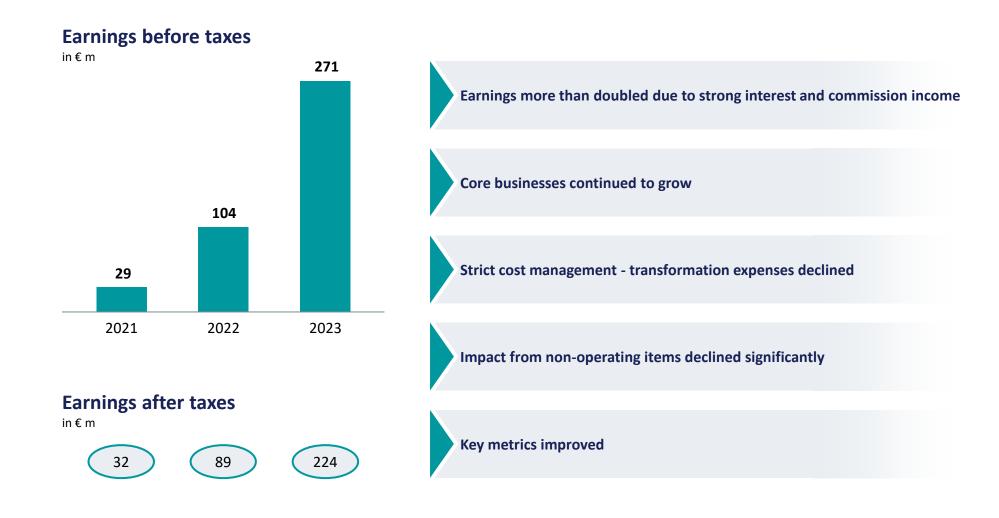
Conservative risk policy maintained, reserves strengthened

Transformation program NORD/LB 2024 at the finish line

The business model works – profitability progressing

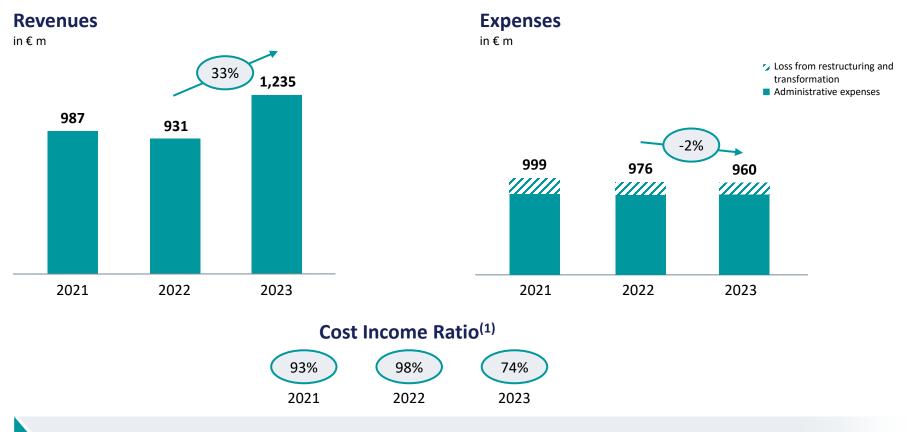
CET 1 ratio improved – capital market access broadened

# **Earnings significantly increased – transformation successful**



**Investor Relations** 

# Significant earnings growth <u>and</u> continued cost discipline

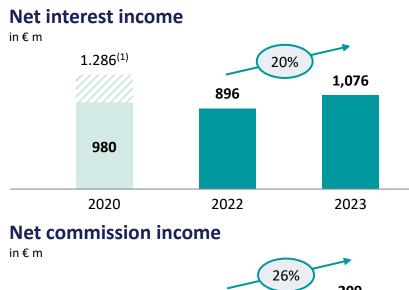


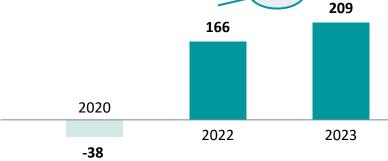
Transformation-related trough in profits has been overcome. Cost discipline bears fruit, further CIR improvement targeted

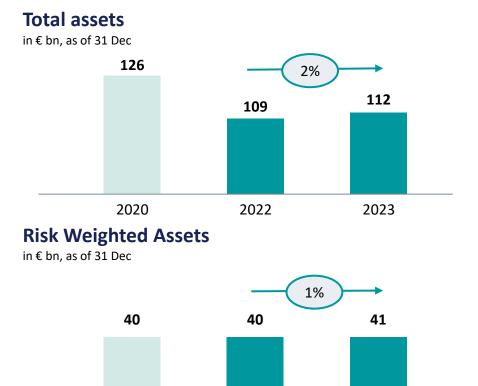
**NORD/LB** 

(1) Excluding Loss from restructuring and transformation

# Strong increase in both net interest and net commission income amidst disproportionally slow development of risk assets







2022

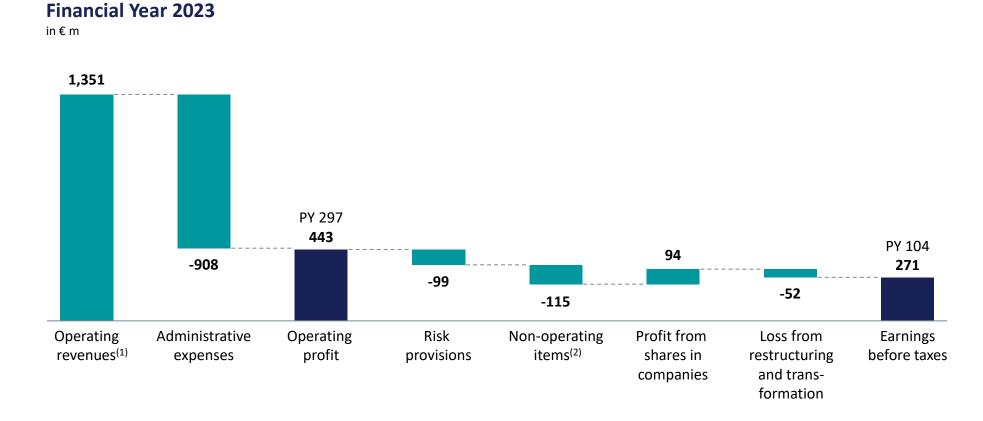
2023

NORD/LB

2020

(1) Amount according to Annual Report 2020 with revenues from silent participation of € 306 m. Corresponding amounts for 2022 (€ -8 m) und 2023 (€ -6 m) are negligible.

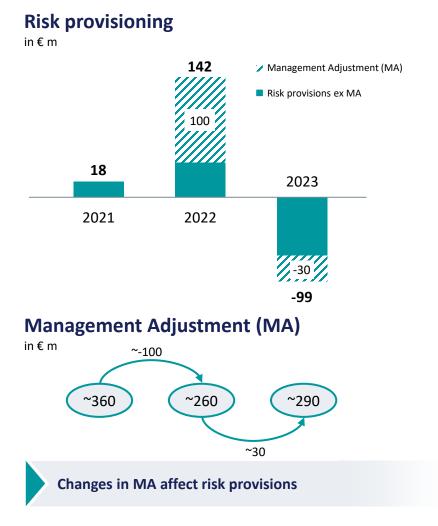
# **Operating result up by almost 50% – non-operating items used for provisioning**

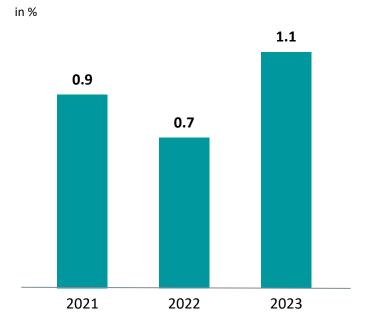


(1) Revenues and operating profit excluding revenues from non-operating items of  ${\ensuremath{\varepsilon}}$  -115 Mio

(2) Non-operating items resulting from valuation, or transformation-related and not attributable to the original banking business: including LBS merger effect; FV result (excl. sales margins and foreign exchange result), commission expenses from the state guarantees and North Vest II etc.

# Risk provisions and NPL Ratio demonstrate the quality of the portfolio





**NPL Ratio** 

Ratio on a normalised level



# **Risk provisions affected by CRE portfolio – additional buffer accrued**

**Risk provisioning Management Adjustment** in € m in € m 289 15 259 46 8 14 25 70 6 -10 -132 -35 71 -99 92 Other 101 Special Finance Private and Comm. Customers Markets 105 73 Corporate Customers & SBN Real Estate Banking Customers 31 Dec 2022 31 Dec 2023

## Outlook 2024

Focus on improving operational profitability

Expanding client business while maintaining the conservative risk profile

Sharpening the business model as the Bank for the energy transition

Broadening capital market access across all bond categories

Strengthening the management team with dedicated CFO and COO



## Agenda

**01** NORD/LB at a glance

Business profile | Segments | Governance

- **02** Financial Year 2023 Results | Risk | Transformation
- **03** Business segments

Private and Commercial Cust. | Corporate Cust. & SBN | Markets | Special Finance | Real Estate Banking Cust.

# **04** Funding

Capital | Liquidity | Green Bonds | Covered Bonds

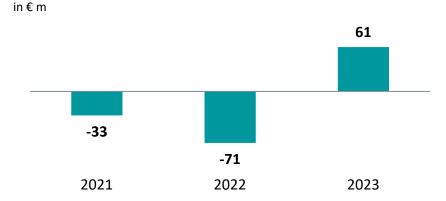
05 Facts & Figures Balance Sheet | P&L | Rating | Financial Calendar

#### **Revenue development across customer segments**



# **Private and Commercial Customers**

#### Earnings before taxes



in € m	2022	2023
Revenues	217	301
Expenses	-246	-246
Risk Provisioning <sup>(1)</sup>	-43	6
Earnings before taxes	-71	61
RWA, in € bn	3.9	3.6
RoRaC, in %	-13	11
CIR, in %	113	82

(1) incl. Management Adjustment

#### Segment profile

- The roots of Braunschweigische Landessparkasse date back to 1765; own market presence and annual reporting since 2008
- 88 locations in the former Grand Duchy of Brunswick, around € 15 bn customer volume, > 219,000 private accounts, > 18,000 corporate accounts
- Award-winning private banking under the NORD/LB Private Investors brand in Hanover, Hamburg, Bremen and Oldenburg

#### **Financial Highlights**

- Strong operating revenue increase in 2023 mainly due to significantly higher client deposit revenues as a result of a normalization of the interest rate environment
- Cross-sell revenues and securities account volume increased
- High cost discipline despite inflation
- Ongoing good risk profile, risk provisioning in 2022 affected by allocation to Management Adjustment
- The 2021-2023 results are, among others, impacted by internal cost allocation

## **Corporate Customers & Savings Banks Network**



12

37

#### Segment profile

- Leading bank for mid-sized corporates with a comprehensive product range and branches across Germany
- Special expertise in food, agriculture, retail and energy sectors
- Assistance and support for savings banks as a central bank and partner for complex financing transactions
- Established specialized lender in the areas of leasing and private equity as well as in the municipal lending business

#### **Financial Highlights**

- Strong operating earnings performance characterized by significantly higher client deposit revenues. In addition, positive effects from lending business due to moderate volume expansion
- Higher commission income thanks to increased focus on crosssell products beyond the traditional lending business
- Administrative expenses increased due to growth initiatives
- Risk provisioning at reasonable levels, impacted by additions to the Management Adjustment in 2022

NORD/LB

(1) incl. Management Adjustment

RoRaC, in %

CIR, in %

13

42

#### Markets

Earnings before taxe	2S 42	
		19
<b>-18</b> 2021	2022	2023
in € m	2022	2023
Revenues	169	147
Expenses	-127	-118
Risk Provisioning	0	-10
Earnings before taxes	42	19
RWA, in € bn	3.1	2.9
RoRaC, in %	9	4
CIR, in %	75	81

#### **Segment profile**

- Debt Capital Markets franchise for European financial institutions and selected public issuers worldwide
- Offering capital market products for institutional clients and savings banks
- Development of customised securitisation transactions (assetbacked finance)
- Deep roots with German-speaking investors and in selected European countries

#### **Financial Highlights**

- Stable revenues base with business activities in bonds and derivatives
- Positive development in interest rate derivatives and fixed income sales in 2023 due to interest rates
- Market-related heterogeneous development in individual subsegments
- Non-recurring effects from hedging transactions had a negative impact on revenues in 2023

# **Special Finance**

Earnings before taxes in € m 92 92 -90 2 168

2022

in € m	2022	2023
Revenues	374	324
Expenses	-168	-181
Risk Provisioning <sup>(1)</sup>	179	25
Earnings before taxes	385	168
RWA, in € bn	8.5	8.4
RoRaC, in %	36	14
CIR, in %	45	56

(1) incl. Management Adjustment

2021

(2) Risk provisions & valuation effects from state guarantees

#### Segment profile

- Pioneer in financing of renewable energies with over 1,000 projects and >50 GW of financed capacity
- Broad coverage of infrastructure projects: Public transport, social housing, digital infrastructure, education
- International aircraft financier for more than 40 years with a focus on fuel-efficient aircraft types
- Global expertise with branches in London, New York and Singapore – projects in 30 markets

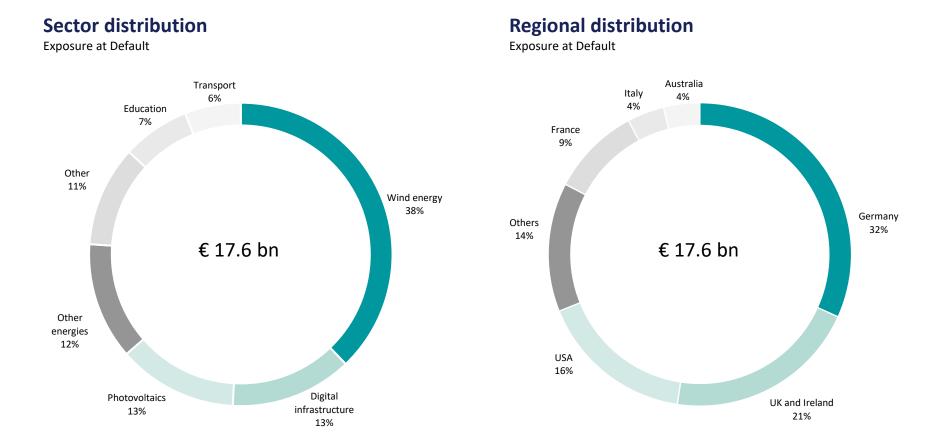
#### **Financial Highlights**

- Reported results 2021 & 2022 distorted by non-operating items in Aviation: Allocation to and release of risk provisions and valuation effects from state guarantees
- Significant increase in new business volume in 2022 and 2023 results in positive <u>operating revenue</u> development
- The decline in <u>reported revenues</u> in 2023 is due to valuation effects from customer derivatives and the state guarantee (Aviation)
- Increased expenses due to successful implementation of growth initiatives in Energy & Infrastructure



2023

# **Special Finance: Energy & Infrastructure financing**



Data as of 31 Dec 2023

#### **Real Estate Banking Customers**

#### Earnings before taxes

in€m



in € m	2022	2023
Revenues	197	226
Expenses	-74	-89
Risk Provisioning <sup>(1)</sup>	23	-132
Earnings before taxes	146	6
RWA, in € bn	6.7	7.7
RoRaC, in %	16	1
CIR, in %	38	39

(1) incl. Management Adjustment

#### Segment profile

- Established commercial real estate lender under the brand Deutsche Hypo
- Direct business with professional investors and project developers with comprehensive advice and product range
- Focus on Germany and selected European markets in the office, residential housing, retail, logistics, hotel & care facilities
- New business focus on energy-efficient buildings

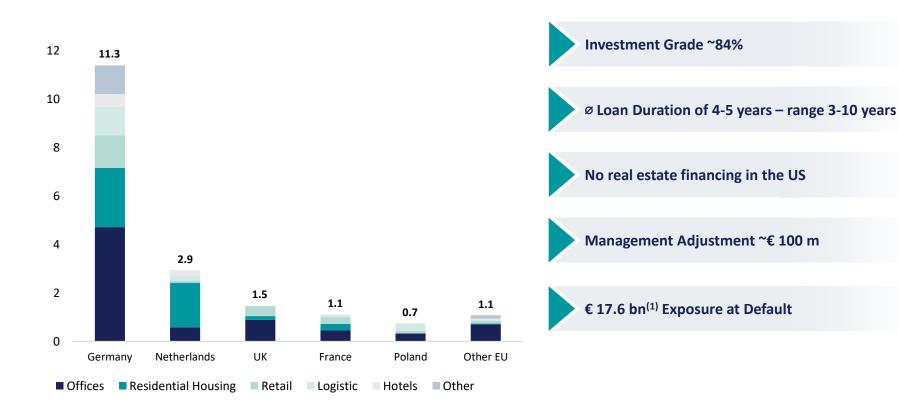
#### **Financial Highlights**

- Increase in new business volume in 2022 and 2023 within European target markets enables sustained growth in interest and commission income
- Risk provisioning in 2023 affected by allocation to Management Adjustment (€ 32 m)
- Development of expenses in line with selective expansion of business activities
- RWA increase due to the targeted expansion of the portfolio



#### **Commercial Real Estate Lending Portfolio**

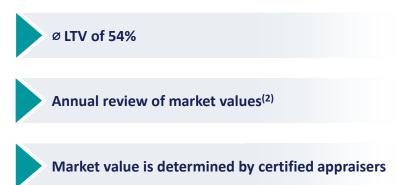
#### **Regional and sector distribution** in € bn



(1) Plus ~€ 1,2 bn in unused linesData as of 31 Dec 2023

### **Commercial Real Estate Lending Portfolio**

Loan to Value Ratio (LTV)<sup>(1)</sup> in % > 90% 80 - 90% 70 - 80% ø LTV of 54% 60 - 70% ≤ 50% 50 - 60%



(1) Portfolio excl. project developments(2) Among other things, as part of market fluctuation conceptsData as of 31 Dec 2023



# Agenda

**01** NORD/LB at a glance

Business Profile | Segments | Governance

**02** Financial Year 2023

Results | Risk | Transformation

**03** Business segments

Private and Commercial Cust. | Corporate Cust. & SBN | Markets | Special Finance | Real Estate Banking Cust.

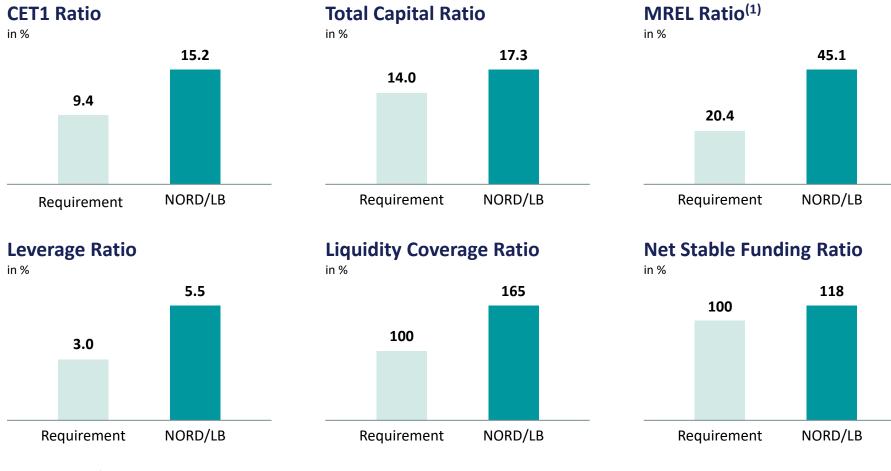
# Funding

Capital | Liquidity | Green Bonds | Covered Bonds

05 Facts & Figures Balance Sheet | P&L | Rating | Financial Calendar

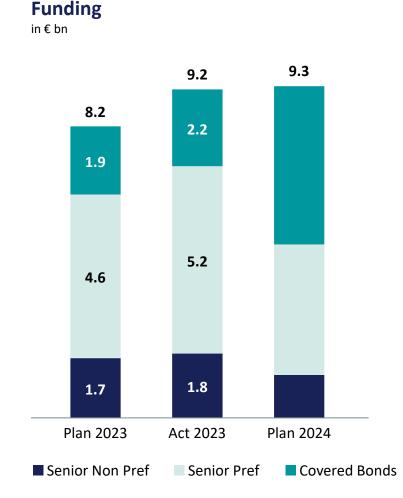
04

## **Ratios well above regulatory requirements**



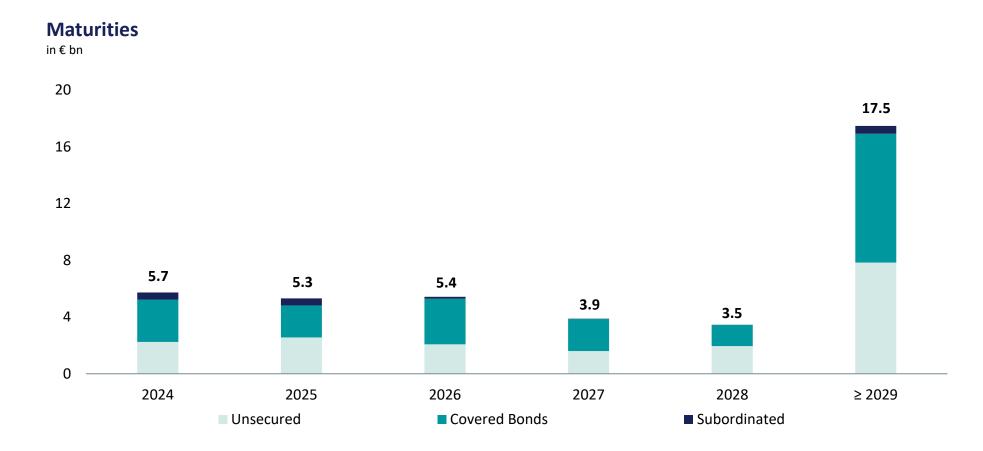
(1) On basis RWA / TREA Data as of 31 Dec 2023

# Funding 2023 – well diversified capital market access



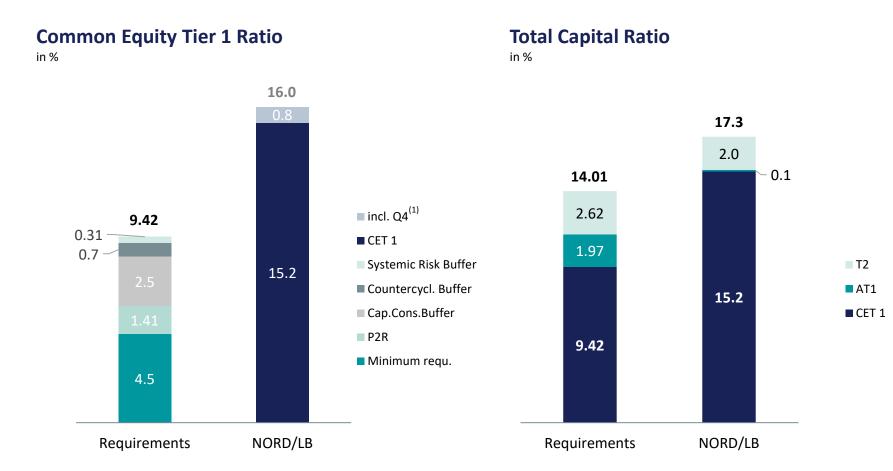


# **Maturity Profile**



Data as of 31 Dec 2023

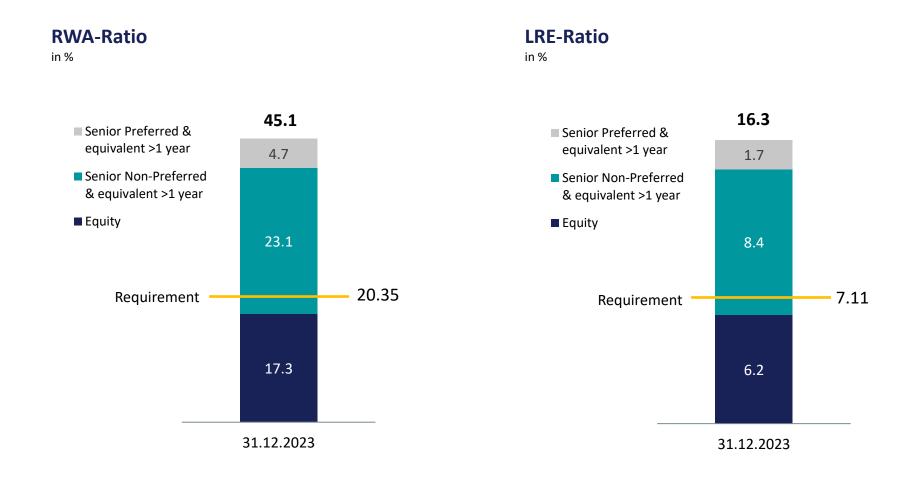
# **Regulatory Capital Ratios**



(1) Considering the results from the second half of 2023 Data as of 31 Dec 2023



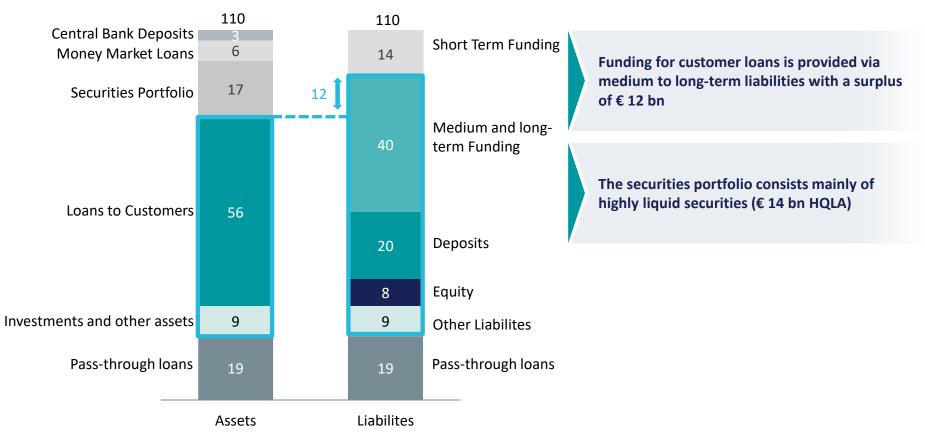
# **MREL: Compliance with RWA and LRE Requirements**



#### **Balance Sheet structure**

#### Liquidity-related Balance Sheet structure NORD/LB AöR<sup>(1)</sup>

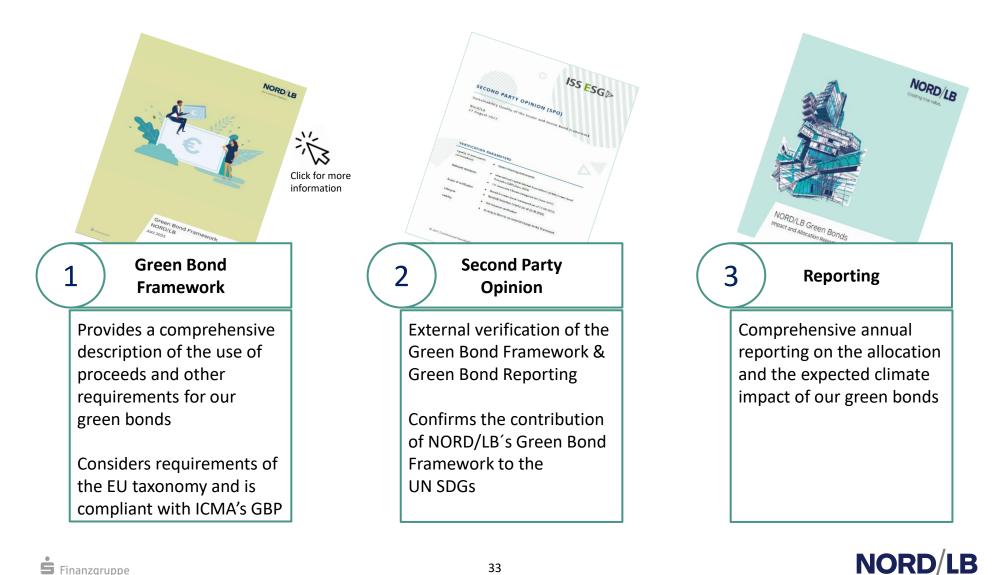
31 Dec 2023, in € bn



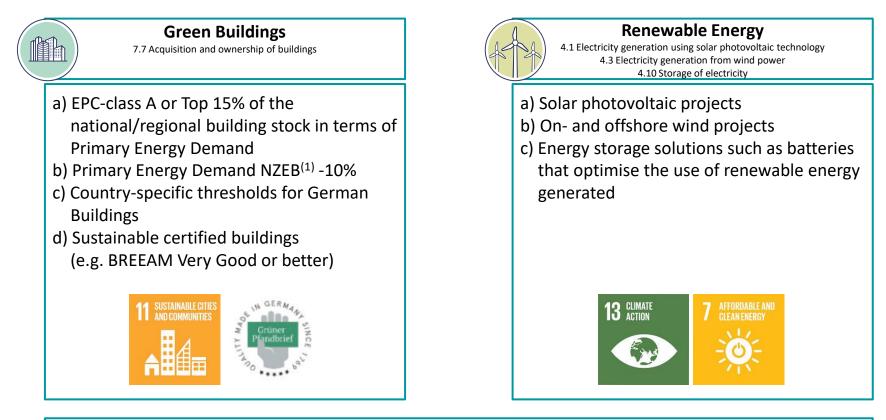
(1) Public Law Institution (Parent company of NORD/LB Group)

**S** Finanzgruppe

## NORD/LB Green Bond approach



# **Green Bond Framework (GBF) – Use of Proceeds**



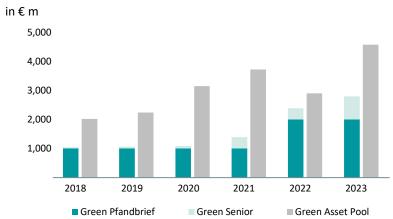
Exclusion of business activities with negative impact on people and the environment in accordance with the UN Global Compact (e.g. Weapons, coal and nuclear power)

(1) Nearly zero-energy buildings

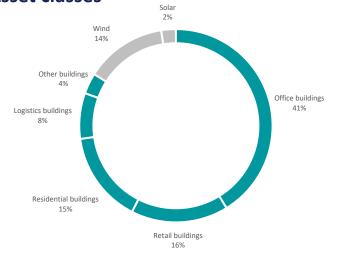


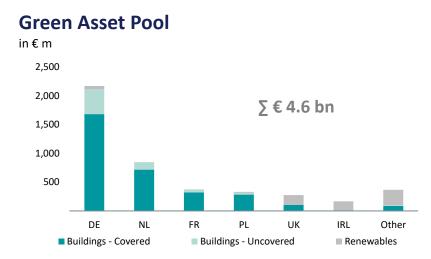
#### Green Bond Reporting as of 30 Sep 2023

**Green Bond Portfolio** 

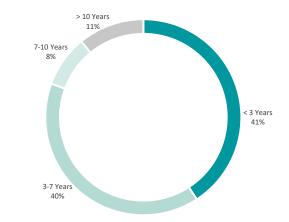


**Asset classes** 





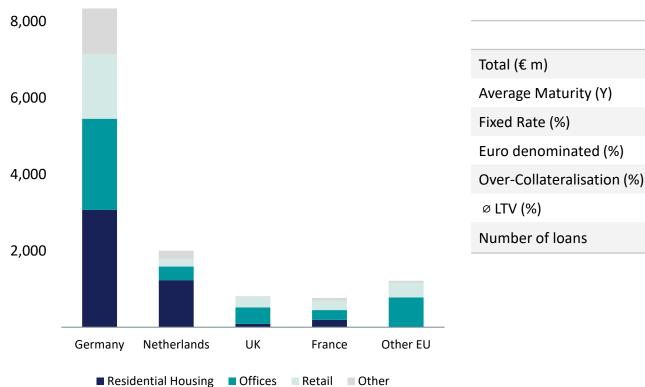
#### **Financing maturities**





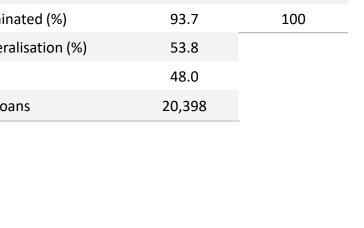
in € m

#### **Mortgage Cover Pool**



#### Receivables by asset class and region<sup>(1)</sup>

(1) According to § 28 Paragraph 2 No. 1 b, c and No. 2 PfandBG Data as of 31 Mar 2024



**Cover Pool** 

13,987

3.9

74.8

# NORD/LB

**Covered Bonds** 

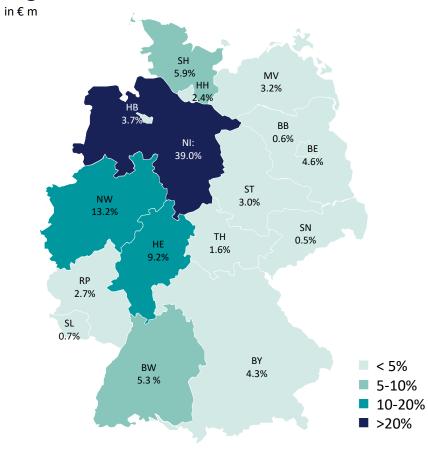
9,093

3.3

98.4

#### **Public Sector Cover Pool**

#### **Regional distribution of cover assets**



Cover Pool	<b>Covered Bonds</b>
13,746	12,690
7.4	6.1
88.3	98.0
96.7	99.6
	7.4 88.3

NORD/LB

#### **Regional distribution**

Germany (%)	88.6
Other EU (%)	8.8
Non-EU (%)	2.6

Data as of 31 Mar 2024

#### Agenda

**01** NORD/LB at a glance

Business Profile | Segments | Governance

**02** Financial Year 2023

Results | Risk | Transformation

**03** Business segments

Private and Commercial Cust. | Corporate Cust. & SBN | Markets | Special Finance | Real Estate Banking Cust.

## Funding

Capital | Liquidity | Green Bonds | Covered Bonds

## 05 Facts & Figures

Balance Sheet | P&L | Rating | Financial Calendar

04

### **Credit and ESG Ratings**

Moody's	<b>Fitch</b> Ratings	DBRS	
Aa2	A+	A (high)	
stable	stable	stable	
P-1	F1+	R-1 (middle)	
referred Aa2		A (high)	
A1	A+	А	
Baa1	A-	A (low)	
Aaa	-	-	
Ааа	-	-	
ISS ESG⊳	SUSTAINALYTICS	MSCI 🌐	
C (Prime)	19.2 (low-risk)	BBB	
	Aa2 stable P-1 Aa2 A1 Baa1 Aaa Aaa Aaa	Aa2 A+   stable stable   P-1 F1+   Aa2 AA-   Aa2 AA-   Aa1 A+   Baa1 A-   Aaa -   Aaa -   ESEESE EEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE	

NORD/LB

## ESG at NORD/LB

Environmental

Y

- Climate-neutral (net-zero) in our loan portfolio & business operations by 2050 (Scope 1-3) - CO<sub>2</sub> emissions reduced by 3.3% in 2023
- Sustainable Loan Framework:
- Classification of green business activities
- ESG aspects integrated in our loan process
- ✓ Incentivization of green loans
- Supporting and advising customers on the transformation to a sustainable business model

# 

#### Social

- Commitment to respecting human rights and the "Diversity Charter" through policy statements
- Financier of social housing, education and hospitals
- Strong social and regional commitment

#### Governance

ÎÎÎÎ

- Exclusion of controversial business activities (e.g. defense equipment, coal and nuclear power assets)
- Measurement and quantification of physical ESG risks
- Integration of ESG aspects in the annual target setting between the Executive Board and senior managers
- Memberships in the UN Global Compact & Principles for Responsible Banking

G

NORD/LB

S

## **Income Statement of NORD/LB Group (IFRS)**

in € m	FY 2023	FY 2022
Net interest income	1.076	896
Net commission income	209	166
Profit/loss from fair value measurement	-105	-104
Risk provisions	-99	142
Disposal profit/loss from financial instruments not measured at fair value through profit/loss	14	-33
Profit/loss from hedge accounting	19	20
Profit/loss from shares in companies	94	7
Profit/loss from investments accounted for using the equity method	4	34
Administrative expenses	-908	-909
Other operating profit/loss	18	-48
Earnings before restructuring, transfomation and taxes	322	171
Profit/loss from restructuring and transformation	-52	-67
Earnings before taxes	271	104
Income taxes	-47	-15
Consolidated profit/loss	224	89



#### Selected balance sheet items of NORD/LB Group (IFRS)

in € m	31 Dec 2023	31 Dec 2022 <sup>(1)</sup>
Total assets	111,981	109,325
Financial assets at fair value through other comprehensive income	10,708	10,633
Financial assets at amortised cost	87,697	86,033
of which: loans and advances to banks	13,228	12,890
of which: loans and advances to customers	71,543	69,968
Other assets	3,827	2,725
Financial liabilities at amortised cost	96,125	93,342
of which: liabilities to banks	27,141	28,403
of which: liabilities to customers	47,006	45,308
of which: securitised liabilities	21,886	19,423
Provisions	2,641	2,433
Other liabilities	-561	-1,027
Equity (on balance sheet)	6,865	6,300

(1) In some items previous year's figures were adjusted

## Segmental reporting of NORD/LB Group (IFRS)

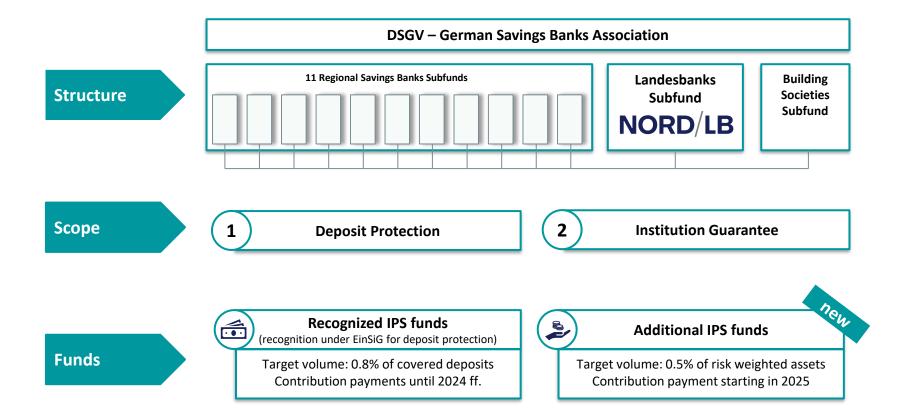
31 Dec 2023 in € m <sup>(1)</sup>	Private and Commercial Clients	Corporate Customers & Savings Banks Network	Markets	Special Finance	Special Credit & Valuation (SCV)	Real Estate Banking Customers	Treasury, Consolidation, Others	Reconciliations	NORD/LB Group
Revenues <sup>(2)</sup>	301	448	147	324	-4	226	-78	-34	1,330
Expenses <sup>(3)</sup>	-246	-186	-118	-181	-18	-89	-115	-6	-960
Operating Result	55	262	28	142	-22	138	-193	-40	370
Risk Provisioning	6	-35	-10	25	46	-132	6	-5	-99
Earnings before taxes	61	227	19	168	23	6	-188	-45	271

(1) Minor deviations may occur due to rounding

(2) Net interest income, net fee and commission income, net income from investments in companies, net income from the disposal of financial instruments not recognised at fair value through profit or loss, other net income, net income from fair value measurement (incl. hedge accounting), net income from companies accounted for using the equity method (3) Administrative expenses (for Treasury and Group incl. restructuring and transformation)

NORD/LB

#### **Institutional Protection Scheme**



#### **Financial Calender**







#### Your contacts at NORD/LB



#### **Falk Meyer**

**Head of Funding & Investor Relations** Tel.: +49 (0) 511 361-2760 Mobil: +49 173 27 13 519 <u>falk.meyer@nordlb.de</u>



#### Friedrich Karl Strödter

Head of Investor Relations & Ratings Tel.: +49 (0) 511 361-3878 Mobil: +49 (0) 176 15 29 01 34 friedrich\_karl.stroedter@nordlb.de



#### **Jonas Sachs**

Manager Investor Relations & Ratings Tel.: +49 (0) 511 361-5128 Mobil: +49 (0) 176 15 29 00 01 jonas.sachs@nordlb.de

NORD/LB

Note: Calls are being recorded

## Additional Information (I/II)

This presentation (hereinafter referred to as the "Information") was drawn up by NORDDEUTSCHE LANDESBANK - GIROZENTRALE - ("NORD/LB"). The competent supervisory authorities for NORD/LB are the European Central Bank ("ECB"), Sonnemannstraße 20, D-60314 Frankfurt am Main, and the Federal Financial Supervisory Authority (Bundesanstalt für Finanzdienstleistungsaufsicht - "BaFin"), Graurheindorfer Str. 108, D-53117 Bonn, and Marie-Curie-Str. 24-28, D-60439 Frankfurt am Main. Details about the extent of NORD/LB's regulation by the respective authorities are available on request. Generally, this Information or the products or services described therein have not been reviewed or approved by the competent supervisory authority.

This Information is addressed exclusively to recipients in Germany (hereinafter the "Relevant Persons" or "Recipients"). The contents of this Information are disclosed to the Recipients on a strictly confidential basis and, by accepting this Information, the Recipients agree that they will not forward to third parties, copy and/or reproduce this Information without NORD/LB's prior written consent. This Information is only addressed to the Relevant Persons and any persons other than the Relevant Persons must not rely on the information in this Information. In particular, neither this Information nor any copy thereof must be forwarded or transmitted to Japan, Canada or the United States of America or its territories or possessions or distributed to any employees or affiliates of Recipients resident in these jurisdictions.

This Information is not an investment recommendation/investment strategy recommendation, but promotional Information solely intended for general information purposes. For this reason, this Information has not been drawn up in consideration of all statutory requirements with regard to the impartiality of investment recommendations/ investment strategy recommendations. Furthermore, this Information is not subject to the prohibition of trading before the publication of investment recommendations/ investment strategy recommendations.

This Information and the information contained herein have been compiled and are provided exclusively for information purposes. This Information is not intended as an investment incentive. It is provided for the Recipient's personal information, subject to the express understanding, which is acknowledged by the Recipient, that it does not

constitute any direct or indirect offer, recommendation, solicitation to purchase, hold or sell or to subscribe for or acquire any securities or other financial instruments nor any measure by which financial instruments might be offered or sold.

All actual details, information and statements contained herein were derived from sources considered reliable by NORD/LB. For the preparation of this Information NORD/LB uses issuer-specific financial data providers, own estimates, company information and public media. However, since these sources are not verified independently, NORD/LB cannot give any assurance as to or assume responsibility for the accuracy and completeness of the information contained herein. The opinions and prognoses given herein on the basis of these sources constitute a non-binding evaluation of NORD/LB. Any changes in the underlying premises may have a material impact on the developments described herein. Neither NORD/LB nor its governing bodies or employees can give any assurance as to or assume any responsibility or liability for the accuracy, adequacy and completeness of this Information or any loss of return, any indirect, consequential or other damage which may be suffered by persons relying on the information or any statements or opinions set forth in this Information (irrespective of whether such losses are incurred due to any negligence on the part of these persons or otherwise).

Past performances are not a reliable indicator of future performances. Exchange rates, price fluctuations of the financial instruments and similar factors may have a negative impact on the value and price of and return on the financial instruments referred to herein or any instruments linked thereto. In connection with securities (purchase, sell, custody) fees and commissions apply, which reduce the return on investment. An evaluation made on the basis of the historical performance of any security does not necessarily give an indication of its future performance.

This Information neither constitutes any investment, legal, accounting or tax advice nor any representation that an investment or strategy is suitable or appropriate in the light of the Recipient's individual circumstances, and nothing in this Information constitutes a personal recommendation to the Recipient thereof. The securities or other financial instruments referred to herein may not be suitable for the Recipient's personal investment strategies and objectives, financial situation or individual needs.

**NORD/LB** 

## Additional Information (II/II)

Also this Information as a whole or any part thereof is not a sales or other prospectus. Correspondingly, the information contained herein merely constitutes an overview and does not form the basis for an investor's potential decision to buy or sell. A full description of the details relating to the financial instruments or transactions which may relate to the subject matter of this Information is set forth in the relevant (financing) documentation. To the extent that the financial instruments described herein are NORD/LB's own issues and subject to the requirement to publish a prospectus, the conditions of issue applicable to any individual financial instrument and the relevant prospectus published with respect thereto as well NORD/LB's relevant registration form, all of which are available for downloading at www.nordlb.de\_and may be obtained, free of charge, from NORD/LB, Georgsplatz 1, 30159 Hanover, shall be solely binding. Any potential investment decision should at any rate be made exclusively on the basis of such (financing) documentation. This Information cannot replace personal advice. Before making an investment decision, each Recipient should consult an independent investment adviser for individual investment advice with respect to the appropriateness of an investment in financial instruments or investment strategies as contemplated herein as well as for other and more recent information on certain investment opportunities.

Each of the financial instruments referred to herein may involve substantial risks, including capital, interest, index, currency and credit risks, political, fair value, commodity and market risks. The financial instruments could experience a sudden substantial deterioration in value, including a total loss of the capital invested. Each transaction should only be entered into on the basis of the relevant investor's assessment of its individual financial situation as well as of the suitability and risks of the investment.

NORD/LB and its affiliates may, for their own account or for the account of third parties, participate in transactions involving the financial instruments described herein or any underlying assets, issue further financial instruments having terms that are the same as or similar to those governing the financial instruments referred to herein as well as enter into transactions to hedge positions. Such actions may affect the price of the financial instruments described in this Information.

To the extent the financial instruments referred to herein are derivatives, they may involve an initial negative market value from the customer's point of view, depending on the terms and conditions prevailing as of the transaction date. Furthermore, NORD/LB reserves the right to pass on its economic risk from any derivative transaction it has entered into to third parties in the market by way of a mirror image counter-transaction.

Further information on any fees which may be included in the sales price is set forth in the brochure "Customer Information Relating to Securities Transactions" which is available at <a href="http://www.nordlb.de">www.nordlb.de</a>.

The information set forth in this Information shall supersede all previous versions of any relevant Information and refer exclusively to the date as of which this Information has been drawn up. Any future versions of this Information shall supersede this present version. NORD/LB shall not be under any obligation to update and/or review this Information at regular intervals. Therefore, no assurance can be given as to its currentness and continued accuracy.

By making use of this Information, the Recipient shall accept the foregoing terms and conditions.

NORD/LB is a member of the protection scheme of Deutsche Sparkassen-Finanzgruppe. Further information for the Recipient is set forth in clause 28 of the General Terms and Conditions of NORD/LB or at www.dsgv.de/sicherungssystem.

#### 

NORD/LB's use of data from MSCI ESG Research LLC or its affiliates ("MSCI") and the use of MSCI logos, trademarks, service marks or index names herein does not constitute sponsorship, endorsement, recommendation or promotion of NORD/LB by MSCI. MSCI services and data are the property of MSCI or its information providers and are provided "as is". MSCI names and logos are trademarks or service marks of MSCI.