

Amended and Restated Final Terms no.48 dated 07 October 2022 replacing Final Terms no. 47 dated 27 September 2022

DEUTSCHE BANK AG

Issue of up to 20,000 Fix to Floating Pure Notes (corresponds to product no. 44 in the Securities Note for Notes) at USD 1,000 each with an aggregate nominal amount of up to USD 20,000,000

relating to SOFR (Secured Overnight Financing Rate) (the "**Securities**")

under its **x-markets** Programme for the Issuance of Certificates, Warrants and Notes

Initial Issue Price: 100.00 per cent of the Nominal Amount per Security

Issue Price: 100.00 per cent of the Nominal Amount per Security

WKN/ISIN: DB2EMY / XS0459910161

The Prospectus (including any supplements), under which the Securities described in these Final Terms are being issued, will cease to be valid when the Securities Note dated 27 October 2021 ceases to be valid (12 months after approval), and is therefore valid until 1 November 2022. From that date, these Final Terms must be read together with the respective current version of the Securities Note and the respective current version of the Registration Document, as published on the website www.xmarkets.db.com.

This document constitutes the Final Terms of the Securities described herein and comprises the following parts:

Economic terms of the Securities

Terms and Conditions (Specific Terms of the Securities)

Further information about the offering of the Securities

Issue-specific summary

These Final Terms have been prepared for the purposes of Article 8(5) of the Prospectus Regulation and must be read in conjunction with the Base Prospectus, as amended by any further supplements, comprising the Securities Note dated 27 October 2021 (the "Securities Note") and the Registration Document dated 3 May 2021, as supplemented (the "Registration Document"), in order to obtain all relevant information. Full information on the Issuer and the Securities is only available on the basis of the combination of these Final Terms, the Securities Note and the Registration Document.

The Securities Note dated 27 October 2021, the Registration Document dated 3 May 2021, any supplements to the Base Prospectus or the Registration Document, and the Final Terms are published, in accordance with Article 21(2)(a) of the Prospectus Regulation, in electronic form on the Issuer's website (www.xmarkets.db.com).

In addition, the Securities Note dated 27 October 2021 and the Registration Document dated 3 May 2021 and any supplements to the Base Prospectus or the Registration Document shall be available free of charge at the registered office of the Issuer, Deutsche Bank AG, Mainzer Landstrasse 11-17, 60329 Frankfurt am Main.

A summary of the individual issuance is annexed to the Final Terms.

WKN / ISIN DB2EMY / XS0459910161

Terms not otherwise defined herein shall have the meaning given in the General Conditions of the Securities set out in the Terms and Conditions.

Economic terms of the Securities

The following description of the Security explains the economic terms of the Security and its characteristics.

The Fix to Floating Pure Note is 100% capital protected at maturity. Capital protection means that redemption of the Fix to Floating Pure Note at maturity is promised at the Nominal Amount. The redemption, which will not take place until maturity, is not guaranteed by a third party, but solely assured by the Issuer and is therefore dependent on the Issuer's ability to meet its payment obligations.

Throughout the term investors receive Coupon Payments on the relevant Coupon Payment Date. The level of the Coupon is dependent on the performance of the Underlying and is limited to the Maximum Coupon. The Coupon is, however, a minimum of the Minimum Coupon.

Investors have no claims to the/deriving from the Underlying (e.g. voting rights, dividends).

Terms and Conditions

The following "**Specific Terms of the Securities**" relating to the Securities shall, for the relevant Series of Securities, complete and put in concrete terms the General Conditions of the Securities for the purposes of such Series of Securities. The Specific Terms of the Securities and the General Conditions of the Securities together constitute the "**Terms and Conditions**" of the relevant Securities.

General Information

Security Type	Note / Fix to Floating Pure Note
ISIN	XS0459910161
WKN	DB2EMY
Valoren	111966105
Common Code	045991016
Issuer	Deutsche Bank AG, Frankfurt am Main
Number of the Securities	up to 20,000 Securities at USD 1,000 with an aggregate nominal amount of up to USD 20,000,000
Initial Issue Price	100.00 per cent of the Nominal Amount per Security
Issue Price	100.00 per cent of the Nominal Amount per Security

Underlying

Underlying	Type:	Interest Rate
	Name:	SOFR (Secured Overnight Financing Rate)
	Sponsor or Issuer:	Federal Reserve Bank of New York
	Reference Source:	Website of the Federal Reserve Bank of New York (currently at https://www.newyorkfed.org ; subpage: https://www.newyorkfed.org/markets/reference-rates/sofr (or a relevant subpage))

Product Details

Settlement	Cash Settlement
Settlement Currency	United States dollar (" USD ")
Cash Amount	The Nominal Amount
Nominal Amount	USD 1,000 per Security

Coupon

Coupon Payment	Coupon Payment applies. If a Coupon Amount will be payable on any Coupon Payment Date falling on a Settlement Date, the Coupon Amount will be payable together with, if applicable, any Cash Amount payable on that Settlement Date.
Coupon Amount	in relation to the total outstanding Nominal Amount, total outstanding Nominal Amount x Coupon x Day Count Fraction
Coupon	The SOFR – Daily Compounded on the relevant Coupon Determination Date, subject to a minimum of the Minimum Coupon and a maximum of the Maximum Coupon.
Maximum Coupon	5.00 per cent per annum
Minimum Coupon	An amount which will be determined by the Issuer on the Initial Valuation Date and which will not be less than 3.80 per cent. nor more than 4.90 per cent. The definitive value will be made available on the website of the Issuer www.x-markets.db.com by the Issue Date.
Coupon Determination Date	The fifth US Government Securities Business Day before the Coupon Payment Date for the relevant Coupon Period.
US Government Securities Business Day	Any day except for a Saturday, Sunday or a day on which the Securities Industry and Financial Markets Association recommends that the fixed income departments of its members be closed for the entire day for purposes of trading in US government securities
SOFR – Daily Compounded	In respect of each Coupon Period, the rate of return of a daily compounded interest investment (with the SOFR as the reference rate for the calculation of interest) as calculated by the Calculation Agent on the relevant Coupon Determination Date in accordance with the following formula (expressed as a percentage rate per annum):

$$\left[\prod_{i=1}^{d_0} \left(1 + \frac{SOFR_i \times n_i}{360} \right) - 1 \right] \times \frac{360}{d}$$

Where:

"d" means, in relation to any Coupon Period, the number of calendar days in such Coupon Period;

"d₀" means, in relation to any Coupon Period, the number of US Government Securities Business Days in such Coupon Period;

"i" means, in relation to any Coupon Period, a series of whole numbers from one to d₀, each representing the relevant US Government Securities Business Days in chronological order from, and including, the first US Government Securities Business Day in such Coupon Period to (but excluding) the last US Government Securities Business Day in such Coupon Period;

"**n_i**" means, in relation to any US Government Securities Business Day "i", the number of calendar days from, and including, such US Government Securities Business Day "i" up to, but excluding, the following US Government Securities Business Day "i+1"; and

"**SOFR_i**" means

- (a) in relation to any US Government Securities Business Day "i" that is a Reset Date, the SOFR in respect of the US Government Securities Business Day immediately preceding such Reset Date, as published on the relevant Reset Date, and
- (b) in relation to any US Government Securities Business Day "i" that is not a Reset Date (i.e. a US Government Securities Business Day in the Suspension Period), the SOFR published on the first day of the Suspension Period for trades made on the immediately preceding US Government Securities Business Day (such first day of the Suspension Period coinciding with the Coupon Determination Date).

The resulting percentage will be rounded, if necessary, to the nearest one hundred-thousandth of a percentage point, 0.0000005 being rounded upwards.

Further, for the purposes of these Specific Terms of the Securities, the following terms have the following meanings:

"**SOFR**" means in respect of any US Government Securities Business Day, the daily secured overnight financing rate as published by the Federal Reserve Bank of New York, as the administrator of such rate (or a successor administrator), on the Website of the Federal Reserve Bank of New York (currently at <https://www.newyorkfed.org>; subpage: <https://www.newyorkfed.org/markets/reference-rates/sofr> (or a relevant subpage)) on or about 8:00 a.m. (New York local time) on the immediately following US Government Securities Business Day for trades made on the preceding US Government Securities Business Day.

If such rate does not appear on the above-mentioned Website of the Federal Reserve Bank of New York (or such SOFR Successor Source as named hereinafter), the SOFR for that US Government Securities Business Day will be determined on the basis of the last US Government Securities Business Day for which such daily secured overnight financing rate was published on the Website of the Federal Reserve Bank of New York.

For the avoidance of doubt, the first SOFR applicable to the Issue Date will be the SOFR as published on the Website of the Federal Reserve Bank of New York on 21 October 2022 on or about 8:00 a.m. (New York local time) for trades made on 20 October 2022 (the preceding US Government Securities Business Day).

"**Reset Date**" means, in relation to any Coupon Period, each US Government Securities Business Day within the relevant Coupon Period, provided, however, that in respect of any Coupon period, the last five (5) US Government Securities Business Days of such Coupon Period shall be a "**Suspension Period**". During a Suspension Period, the rate for each day during that Suspension Period will be the rate value published on the first day of the Suspension Period for trades

made on the immediately preceding US Government Securities Business Day.

SOFRA Successor Source (a) The successor display page, other published source, information vendor or provider that has been officially designated by the sponsor of the Website of the Federal Reserve Bank of New York; or

(b) if the sponsor has not officially designated a successor display page, other published source, service or provider (as the case may be), the successor display page, other published source, service or provider, if any, designated by the relevant information vendor or provider (if different from the sponsor).

Day Count Fraction As defined under no. vi in §4(3) of the General Conditions of the Securities

30/360

Coupon Period The period commencing on (and including) the Issue Date to (but excluding) the first Coupon Period End Date and each period commencing on (and including) a Coupon Period End Date to (but excluding) the next following Coupon Period End Date.

Unadjusted Coupon Period Applicable

Business Day Convention Following Business Day Convention

Coupon Period End Date 21 January 2023,
21 April 2023,
21 July 2023,
21 October 2023,
21 January 2024,
21 April 2024,
21 July 2024 and
21 October 2024

Coupon Payment Date 21 January 2023,
21 April 2023,
21 July 2023,
21 October 2023,
21 January 2024,
21 April 2024,
21 July 2024 and
21 October 2024

or, if such day is not a Business the Coupon Payment Date is postponed to the next day which is a Business Day.

Coupon Cessation Date The Settlement Date

Relevant Dates

Issue Date	21 October 2022
Value Date	21 October 2022
Settlement Date	21 October 2024

Further Information

Business Day	a day, on which the Trans-European Automated Real-time Gross Settlement Express Transfer (TARGET2) system is open, on which commercial banks and foreign exchange markets settle payments in the Business Day Locations specified in the Specific Terms of the Securities and on which each relevant Clearing Agent settles payments. Saturday and Sunday are not considered Business Days.
Business Day Locations	London and New York City
Clearing Agent	Euroclear Bank S.A./N.V., 1 boulevard Albert II, 1210 Bruxelles, Belgium Clearstream Banking Luxembourg S.A., 42 avenue John F. Kennedy, L-1855 Luxembourg
Governing Law	German law
Eligible Liabilities Format	Applicable

Further information about the offering of Securities

Listing and trading

Listing and trading	No application has been made to admit the Securities to the regulated market of any exchange.
Minimum trade size	USD 1,000 (1 Security)
Estimate of total expenses related to admission to trading	Not applicable

Offering of securities

Investor minimum subscription amount	USD 1,000 (1 Security)
Investor maximum subscription amount	Not applicable
The subscription period	<p>Applications to subscribe for the Securities may be made from 27 September 2022 8 am local time Frankfurt am Main (inclusively) until the 14 October 2022 (inclusively) 3pm local time Frankfurt am Main.</p> <p>The Issuer reserves the right for any reason to reduce the number of Securities offered.</p>
The offering period	<p>The offer of the Securities starts on 27 September 2022 8am local time Frankfurt am Main, and ends with the close of 14 October 2022 (end of the primary market). In any event, the offer ends with the expiry of the validity of the Prospectus, unless another prospectus provides for a continuing offer.</p> <p>The Issuer reserves the right for any reason to reduce the number of Securities offered.</p>
Cancellation of the issuance of the Securities	The Issuer reserves the right for any reason to cancel the issuance of the Securities.
Early closing of the subscription period of the Securities	The Issuer reserves the right for any reason to close the subscription period early.
Early closing of the offering period of the Securities	The Issuer reserves the right for any reason to close the Offering Period early.
Conditions to which the offer is subject:	Not applicable
Description of the application process:	Not applicable
Description of possibility to reduce subscriptions and manner for refunding excess amount paid by applicants:	Not applicable

Fees charged by the Issuer to the Securityholders post issuance Not applicable

Costs

Amount of any costs and taxes specifically charged to the subscriber or purchaser	Costs included in the price (per Security)	Ex-ante entry costs:	1.50%
		Ex-ante exit costs:	1.00 %
		Ex-ante running costs of the Security on an annual basis:	Not applicable
	other costs and taxes	none	

Determination of the price by the Issuer Both the Initial Issue Price of the Fix to Floating Pure Note and the bid and ask prices quoted by the Issuer during its term are based on the Issuer's internal pricing models. Accordingly, unlike in an exchange trading, for example for shares, the prices quoted during the term are not based on supply and demand. The prices in particular contain a margin which the Issuer determines at its free discretion and which may cover, in addition to the Issuer's proceeds, the costs of structuring, market making and settlement of the Fix to Floating Pure Note, any applicable sales costs (distribution fee) and other costs.

Purchase costs Where a fixed or determinable price has been agreed for a transaction between an investor and its bank (principal bank) (fixed price transaction), this price includes all purchase costs and generally a fee for the bank (principal bank). Otherwise, the transaction will be concluded on behalf of the bank (principal bank) with a third party for the account of the investor (commission transaction). Depending on the securities account model used by the investor's bank (principal bank) the fees for the commission transaction may be agreed for example as a percentage of the purchase price, if applicable with a minimum fee and/or maximum fee per transaction or as a fixed fee which applies independent from any transaction for a predetermined period (monthly, quarterly etc.). The fees for commission transactions as well as third-party costs and expenses will be stated separately in the securities statement.

Running costs Investors will incur costs in the amount agreed with the safekeeping bank (principal bank) for the custody of the Fix to Floating Pure Note in the investor's securities account (custody charges). Further post-purchase costs (e.g. costs of sale) may be incurred.

Distribution fee Placement fee: up to 1.00 per cent of the purchase price. The Issuer will either pay the placement fee from the issue proceeds as a one-off turnover-related distribution fee to the bank that sold the Fix to Floating Pure Note to the customer (principal bank), or grant the latter a corresponding discount from the purchase price.

Securities ratings

Rating

The Securities have not been rated.

Interests of natural and legal persons involved in the issue

Interests of natural and legal persons involved in the issue

Save for the Distributors regarding the fees as set out under "Fees" above, so far as the Issuer is aware, no person involved in the issue of the Securities has an interest material to the offer.

Information relating to the Underlying

Information on the Underlying, on the past and future performance of the Underlying and its volatility can be obtained free of charge on the public website on <https://www.newyorkfed.org>; subpage: <https://www.newyorkfed.org/markets/reference-rates/sofr> page as provided for each security or item composing the Underlying.

Further information published by the Issuer

The Issuer does not intend to provide any further information on the Underlying.

Country specific information:

Switzerland

Agent in Switzerland

The Agent is Deutsche Bank AG, acting through its Zurich branch, being as at the Issue Date at the following address: Uraniastrasse 9, P.O. Box 3604, 8021 Zurich, Switzerland.

Annex to the Final Terms

Issue-specific summary

Section A – Introduction containing warnings
Warnings
<p>a) The summary should be read as an introduction to the Prospectus.</p> <p>b) Investors should base any decision to invest in the securities on a consideration of the Prospectus as a whole.</p> <p>c) Investors could lose all (total loss) or part of their invested capital.</p> <p>d) Where a claim relating to the information contained in the Prospectus is brought before a court, the plaintiff investors might, under national law, have to bear the costs of translating the Prospectus, including any supplements, as well as the corresponding Final Terms before the legal proceedings are initiated.</p> <p>e) Civil liability attaches only to those persons who have tabled and submitted the summary including any translation thereof, but only where the summary is misleading, inaccurate or inconsistent, when read together with the other parts of the Prospectus, or where it does not provide, when read together with the other parts of the Prospectus, key information in order to aid investors when considering whether to invest in such securities.</p> <p>f) You are about to purchase a product that is not simple and may be difficult to understand</p>
Introductory information
<p>Name and international securities identification number</p> <p>The Notes (the "Securities") offered under this Prospectus have the following securities identification numbers: ISIN: XS0459910161 / WKN: DB2EMY</p> <p>Contact details of the issuer</p> <p>The Issuer (with Legal Entity Identifier (LEI) 7LWTFZYICNSX8D621K86) has its registered office at Taunusanlage 12, 60325 Frankfurt am Main, Federal Republic of Germany (telephone: +49-69-910-00).</p> <p>Approval of the prospectus; competent authority</p> <p>The Prospectus consists of a Securities Note and a Registration Document.</p> <p>The Securities Note for Notes dated 27 October 2021 has been approved by the German Federal Financial Supervisory Authority (<i>Bundesanstalt für Finanzdienstleistungsaufsicht</i>) ("BaFin") on 1 November 2021. The business address of BaFin (Securities Supervision) is: Marie-Curie-Str. 24-28, 60439 Frankfurt, Federal Republic of Germany (telephone: +49 (0)228 41080).</p> <p>The Registration Document dated 3 May 2021 has been approved by the Commission de Surveillance du Secteur Financier ("CSSF") on 3 May 2021. The business address of the CSSF is: 283, route d'Arlon, L-1150 Luxembourg, Luxembourg (telephone: +352 (0)26 251-1).</p>

Section B – Key information on the Issuer
Who is the Issuer of the Securities?
<p>Domicile and legal form, law under which the Issuer operates and country of incorporation</p> <p>Deutsche Bank Aktiengesellschaft (commercial name: Deutsche Bank) is a credit institution and a stock corporation incorporated in Germany and accordingly operates under the laws of Germany. The Legal Entity Identifier (LEI) of Deutsche Bank is 7LWTFZYICNSX8D621K86. The Bank has its registered office in Frankfurt am Main, Germany. It maintains its head office at Taunusanlage 12, 60325 Frankfurt am Main, Germany.</p> <p>Issuer's principal activities</p> <p>The objects of Deutsche Bank, as laid down in its Articles of Association, include the transaction of all kinds of banking business, the provision of financial and other services and the promotion of international economic relations. The Bank may realise these objectives itself or through subsidiaries and affiliated companies. To the extent permitted by law, the Bank is entitled to transact all business and to take all steps which appear likely to promote the objectives of the Bank, in particular to acquire and dispose of real estate, to establish branches at home and abroad, to acquire, administer and dispose of participations in other enterprises, and to conclude enterprise agreements.</p> <p>Deutsche Bank is organized into the following segments:</p> <ul style="list-style-type: none">— Corporate Bank (CB);— Investment Bank (IB);— Private Bank (PB);— Asset Management (AM);— Capital Release Unit (CRU); and

— Corporate & Other (C&O).

In addition, Deutsche Bank has a country and regional organizational layer to facilitate a consistent implementation of global strategies.

The Bank has operations or dealings with existing and potential customers in most countries in the world. These operations and dealings include working through:

- subsidiaries and branches in many countries;
- representative offices in many other countries; and
- one or more representatives assigned to serve customers in a large number of additional countries.

Major shareholders, including whether it is directly or indirectly owned or controlled and by whom

Deutsche Bank is neither directly nor indirectly majority-owned or controlled by any other corporation, by any government or by any other natural or legal person severally or jointly.

Pursuant to German law and Deutsche Bank's Articles of Association, to the extent that the Bank may have major shareholders at any time, it may not give them different voting rights from any of the other shareholders.

Deutsche Bank is not aware of arrangements which may at a subsequent date result in a change of control of the company.

The German Securities Trading Act (*Wertpapierhandelsgesetz*) requires investors in publicly-traded corporations whose investments reach certain thresholds to notify both the corporation and the German Federal Financial Supervisory Authority (*Bundesanstalt für Finanzdienstleistungsaufsicht*) of such change within four trading days. The minimum disclosure threshold is 3 per cent. of the corporation's issued voting share capital. To the Bank's knowledge, there are only five shareholders holding more than 3 per cent. of Deutsche Bank shares or to whom more than 3 per cent. of voting rights are attributed, and none of these shareholders holds more than 10 per cent. of Deutsche Bank shares or voting rights.

Key managing directors

The key managing directors of the issuer are members of the issuer's Executive Board. These are: Christian Sewing, James von Moltke, Karl von Rohr, Fabrizio Campelli, Bernd Leukert, Alexander von zur Mühlen, Christiana Riley, Rebecca Short, Prof. Dr. Stefan Simon and Olivier Vigneron.

Statutory auditors

With effect as of 1 January 2020, Ernst & Young GmbH Wirtschaftsprüfungsgesellschaft ("EY") has been appointed as independent auditor. EY is a member of the chamber of public accountants (*Wirtschaftsprüferkammer*).

What is the key financial information regarding the Issuer?

The key financial information included in the tables below as of and for the financial years ended 31 December 2020 and 31 December 2021 has been extracted from the audited consolidated financial statements prepared in accordance with IFRS as issued by the International Accounting Standards Board (IASB) and endorsed by the European Union as of 31 December 2021. The key financial information included in the tables below as of 30 June 2022 and for the six months ended 30 June 2021 and 30 June 2022 has been extracted from the unaudited consolidated interim financial information prepared as of 30 June 2022.

Statement of income (in million Euro)	Six months ended 30 June 2022 (unaudited)	Year ended 31 December 2021	Six months ended 30 June 2021 (unaudited)	Year ended 31 December 2020
Net interest income	6,248	11,155	5,459	11,526
Commissions and fee income	5,257	10,934	5,313	9,424
Provision for credit losses	525	515	144	1,792
Net gains (losses) on financial assets/liabilities at fair value through profit or loss	2,070	3,045	2,320	2,465
Profit (loss) before income taxes	3,205	3,390	2,754	1,021
Profit (loss)	2,438	2,510	1,865	624

Balance sheet (amounts in million Euro)	30 June 2022 (unaudited)	31 December 2021	31 December 2020
Total assets	1,386,660	1,323,993	1,325,259
Senior debt	78,583	81,629	93,391

Subordinated debt	11,365	8,603	7,352
Loans at amortized cost	488,430	471,319	426,995
Deposits	612,583	603,750	568,031
Total equity	68,885	68,030	62,196
Common Equity Tier 1 capital ratio	13.0 %	13.2 %	13.6 %
Total capital ratio (reported / phase-in)	17.6 %	17.8 %	17.8 %
Leverage ratio (reported / phase-in)	4.3 %	4.9 %	4.8 %

What are the key risks that are specific to the issuer?

The Issuer is subject to the following key risks:

Macroeconomic, Geopolitical and Market Environment: As a corporate and investment bank with a large private client franchise, our businesses are materially affected by global macroeconomic and financial market conditions. Significant challenges may arise from economic growth prospects, the interest rate environment, inflationary pressure, supply chain disruptions, geopolitical risks as well as higher market volatility, potential deterioration of international trade relations, and weakness of global, regional and national economic conditions. Such risks exist in particular from the COVID-19 pandemic and its ongoing impacts, and the large-scale Russian military action against Ukraine. Other risks exist with respect to China and from political and economic instability in key markets.

Business and Strategy: Our results of operation and financial condition have in the past been negatively impacted by the challenging market environment, uncertain macroeconomic and geopolitical conditions, lower levels of client activity, increased competition and regulation, and the immediate impact of our strategic decisions. If we are unable to improve our profitability, we may be unable to meet our strategic aspirations, and may have difficulty maintaining capital, liquidity and leverage at levels expected by market participants and our regulators.

Regulation and Supervision: Regulatory reforms enacted and proposed in response to weaknesses in the financial sector, together with increased regulatory scrutiny more generally, have had and continue to have a significant impact on us and may adversely affect our business and ability to execute our strategic plans. Competent regulators may prohibit us from making dividend payments or payments on our regulatory capital instruments or take other actions if we fail to comply with regulatory requirements.

Internal Control Environment: A robust and effective internal control environment and adequate infrastructure (comprising people, policies and procedures, controls testing and IT systems) are necessary to ensure that we conduct our business in compliance with the laws, regulations and associated supervisory expectations applicable to us. We have identified the need to strengthen our internal control environment and infrastructure and have embarked on initiatives to accomplish this. If these initiatives are not successful or proceed too slowly, our reputation, regulatory position and financial condition may be materially adversely affected, and our ability to achieve our strategic ambitions may be impaired.

Litigation, Regulatory Enforcement Matters and Investigations: We operate in a highly and increasingly regulated and litigious environment, potentially exposing us to liability and other costs, the amounts of which may be substantial and difficult to estimate, as well as to legal and regulatory sanctions and reputational harm.

Environmental, Social and Governance (ESG)-Related Changes: The impacts of rising global temperatures, and the enhanced focus on climate change and the transition to a "net-zero" economy from society, our regulators and the banking sector, have led to the emergence of new and increasing sources of financial and non-financial risks. These include the physical risks arising from extreme weather events which are growing in frequency and severity, transition risks as carbon-intensive sectors are faced with higher taxation, reduced demand and potentially restricted access to financing, and risks relating to the portrayal of ESG aspect of activities. These risks can impact Deutsche Bank across a broad range of financial and non-financial risk types.

Section C – Key information on the securities

What are the main features of the securities?

Type of securities

The Securities are Notes.

Class of securities

The Securities will be represented by a global security (the "Global Security"). No definitive Securities will be issued. The Securities will be issued in bearer form.

Securities identification number(s) of the securities

ISIN: XS0459910161 / WKN: DB2EMY

Applicable law of the securities

The Securities will be governed by German law. The constituting of the Securities may be governed by the laws of the jurisdiction of the Clearing Agent.

Restrictions on the free transferability of the securities

Each Security is transferable in accordance with applicable law and any rules and procedures for the time being of any Clearing Agent through whose books such Security is transferred.

Status of the securities

The Securities constitute unsecured and unsubordinated preferred liabilities of the Issuer ranking *pari passu* among themselves and *pari passu* with all other unsecured and unsubordinated preferred liabilities of the Issuer, subject, however, to statutory priorities conferred to certain unsecured and unsubordinated preferred liabilities in the event of Resolution Measures imposed on the Issuer or in the event of the dissolution, liquidation, Insolvency, composition or other proceedings for the avoidance of Insolvency of, or against, the Issuer.

Ranking of the securities

The ranking of the Issuer's liabilities in insolvency or in the event of the imposition of Resolution Measures, such as a bail-in, is determined by German law. The Securities are unsecured unsubordinated preferred liabilities that would rank higher than the Issuer's regulatory capital, its subordinated liabilities and its unsecured unsubordinated non-preferred liabilities. The liabilities under the Securities rank *pari passu* with other unsecured unsubordinated preferred liabilities of the Issuer, including but not limited to derivatives, structured products and deposits not subject to protection. The liabilities under the Securities rank below liabilities protected in Insolvency or excluded from Resolution Measures, such as certain protected deposits.

Rights attached to the securities

The Securities provide holders of the Securities, on redemption or upon exercise, subject to a total loss, with a claim for payment of a cash amount. The Securities also provide holders with an entitlement for the payment of a coupon.

The Fix to Floating Pure Note is 100% capital protected at maturity. Capital protection means that redemption of the Fix to Floating Pure Note at maturity is promised at the Nominal Amount. The redemption, which will not take place until maturity, is not guaranteed by a third party, but solely assured by the Issuer and is therefore dependent on the Issuer's ability to meet its payment obligations.

Throughout the term investors receive Coupon Payments on the relevant Coupon Payment Date. The level of the Coupon is dependent on the performance of the Underlying and is limited to the Maximum Coupon. The Coupon is, however, a minimum of the Minimum Coupon.

Investors have no claims to the/deriving from the Underlying (e.g. voting rights, dividends).

Coupon	The SOFR – Daily Compounded on the relevant Coupon Determination Date, subject to a minimum of the Minimum Coupon and a maximum of the Maximum Coupon
Coupon Payment Date	21 January 2023, 21 April 2023, 21 July 2023, 21 October 2023, 21 January 2024, 21 April 2024, 21 July 2024 and 21 October 2024 or, if such day is not a Business the Coupon Payment Date is postponed to the next day which is a Business Day.
Coupon Period	The period commencing on (and including) the Issue Date to (but excluding) the first Coupon Period End Date and each period commencing on (and including) a Coupon Period End Date to (but excluding) the next following Coupon Period End Date.
Coupon Period End Date	21 January 2023, 21 April 2023, 21 July 2023, 21 October 2023, 21 January 2024, 21 April 2024, 21 July 2024 and 21 October 2024
Issue Date	21 October 2022
Maximum Coupon	5.00 per cent per annum
Minimum Coupon	An amount which will be determined by the Issuer on the Initial Valuation Date and which will not be less than 3.80 per cent. nor more than 4.90 per cent. The definitive value will be made available on the website of the Issuer www.x-markets.db.com by the Issue Date.
Nominal Amount	USD 1,000 per Security
Settlement Date	21 October 2024
Value Date	21 October 2022

Number of Securities:	up to USD 20,000,000
Currency:	United States dollar ("USD")
Name and address of the Paying Agent:	<u>In Switzerland:</u> Deutsche Bank AG, Zurich Branch Uraniastrasse 9, P.O. Box 3604 8021 Zurich Switzerland
Name and address of the Calculation Agent:	Deutsche Bank AG Tausanstrasse 12 60325 Frankfurt am Main Germany

<i>Underlying:</i>	Type:	Interest Rate
	Name:	SOFR (Secured Overnight Financing Rate)
	Sponsor or Issuer:	Federal Reserve Bank of New York
	Reference Source:	Website of the Federal Reserve Bank of New York (currently at https://www.newyorkfed.org ; subpage: https://www.newyorkfed.org/markets/reference-rates/sofr (or a relevant subpage))

Information on the historical and ongoing performance of the Underlying and its volatility can be obtained on the public website under <https://www.newyorkfed.org>; subpage: <https://www.newyorkfed.org/markets/reference-rates/sofr>.

Limitations to the rights attached to the Securities

Under the conditions set out in the Terms and Conditions, the Issuer is entitled to terminate the Securities and to amend the Terms and Conditions.

Where will the securities be traded?

No application has been made to admit the Securities to the regulated market of any exchange.

What are the key risks that are specific to the securities?

Risks associated with Market Disruptions

Subject to certain conditions being met, the Calculation Agent may determine that a Market Disruption has occurred. This means that the price or level of the Underlying cannot be determined, at least temporarily. Market Disruptions may occur on an exchange relevant for the Underlying, particularly in the event of trade interruptions. This may have an effect on the timing of valuation and may delay payments on or the settlement of the Securities.

Risks associated with Adjustment and Termination Events

Subject to certain conditions being met, the Issuer may replace Underlyings, adjust the Final Terms or terminate the Securities. In case of a termination, the Issuer will pay, usually prior to the scheduled settlement date of the Securities, an amount determined by the Calculation Agent. Such amount may be significantly less than an investor's initial investment in Securities and in certain circumstances may be zero.

Any adjustment or termination of the Securities or replacement of an Underlying may lead to a loss in value of the Securities or may at maturity lead to the realisation of losses or even to the total loss of the invested amount. It is also not excluded that an adjustment measure will later prove to be incorrect or to be disadvantageous for Securityholders. A Securityholder could also be put in an economically worse position by the adjustment measure than before such adjustment measure.

Effect of prevailing market rates on the Market Value and the Coupon Amounts to be paid

The Market Value of the Securities during their term depends on the level of interest rates for instruments of comparable maturities or terms.

The level of the market rate is determined by supply and demand in the international money markets, which are influenced by macroeconomic factors, speculation and central bank and government intervention or other political circumstances. Fluctuations in short term and/or long term interest rates may adversely affect the value of the Securities. The greater the volatility is of the underlying interest rate, the greater the risk is of fluctuations in this value.

Fluctuations in the level of the market rate generally may have the same impact on the value of the Securities as for fixed rate bonds: rising market rates will under normal conditions result in a falling value and falling interest rates will result in a rising value of the Securities.

Where Coupon Amounts are payable in respect of the Securities and the relevant Coupon is determined by reference to a floating rate, the Market Value of the Securities may decrease if the Coupon Amounts to be paid during the remaining term of the Securities are expected to decrease, whereas an increase in the expectations of the level of the Coupon Amounts to be paid in respect of the Securities may result in an increase in the Market Value of the Securities. The Coupon will fluctuate, among other things, as a result of any changes in prevailing interest rates, general economic conditions, conditions of financial markets and European and international political events.

An investment in the Securities may involve interest rate risk where there are fluctuations in the interest rates payable on deposits in the Settlement Currency of the Securities. This may adversely influence the Market Value of the Securities.

Exchange rate / currency risks

An investment in the Securities involves exchange rate and/or currency risks, if the Settlement Currency of the Securities is different from the currency of a Securityholder's home jurisdiction. In addition to the risk of an adverse development of the Underlying there is the risk of a loss in value of the relevant rate of exchange which can, respectively, offset any favourable development of the Underlying.

The Securities may be Illiquid

It is not possible to predict if and to what extent a secondary market may develop in the Securities or at what price the Securities will trade in the secondary market or whether such market will be liquid. Insofar and as long as the Securities are listed or quoted or admitted to trading on a stock exchange, no assurance is given that any such listing or quotation or admission to trading will be maintained. Higher liquidity does not necessarily result from a listing, quotation or admission to trading.

If the Securities are not listed or quoted or admitted to trading on any stock exchange or quotation system, pricing information for the Securities may be more difficult to obtain and the liquidity of the Securities may be adversely affected. The liquidity of the Securities may also be affected by restrictions on offers and sales of the Securities in some jurisdictions.

Even where an investor is able to realise its investment in the Securities by selling this may be at a substantially lower value than its original investment in the Securities. Depending on the structure of the Securities, the realisation value at any time may be zero (0), which means a total loss of the capital invested. In addition, a transaction fee may be payable in respect of a sale of the Securities.

Regulatory Bail-in and other Resolution Measures / Special status and ranking of the Securities

Laws enable the competent resolution authority to also take measures in respect of the Securities. These measures may have an adverse effect on the Securityholders.

If the legal requirements are met in respect of the Issuer, BaFin, as the resolution authority, may, in addition to other measures, write down Securityholders' claims from the Securities in part or in full or convert them into equity (shares) of the Issuer ("**Resolution Measures**"). Other Resolution Measures available include (but are not limited to) transferring the Securities to another entity, varying the terms and conditions of the Securities (including, but without limitation to, varying the maturity of the Securities) or cancelling the Securities. The competent resolution authority may apply Resolution Measures individually or in any combination.

If the resolution authority takes Resolution Measures, Securityholders bear the risk of losing their claims from the Securities. In particular, this includes their claims for payment of the cash amount or redemption amount or for delivery of the delivery item.

Potential investors should consider the risk that they may lose all of their investment, including the principal amount plus any accrued interest, if Resolution Measures are initiated, and should be aware that extraordinary public financial support for troubled banks, if any, would only potentially be used as a last resort after having assessed and exploited, to the maximum extent practicable, the Resolution Measures, including Regulatory Bail-in.

The Issuer expects that it will use the Securities to fulfill particular minimum capital requirements under international and EU banking resolution rules, and has therefore specified Eligible Liabilities Format to apply in the Specific Terms of the Securities. In this case, claims arising under the Securities may not be set off against any claims of the Issuer. No security or guarantee shall be provided at any time to secure claims of the Securityholders under the Securities. Any security or guarantee already provided or granted in the future in connection with other liabilities of the Issuer may not be used for claims under the Securities. Furthermore any redemption or repurchase of the Securities prior to their scheduled maturity is subject to the prior approval of the competent authority. In addition, an extraordinary early termination of the Securities is excluded. If the Securities are redeemed or repurchased by the Issuer early under circumstances other than those, then the amounts paid must be returned to the Issuer irrespective of any agreement to the contrary. These restrictions may limit the rights of the Issuer and, in particular, of the Securityholders and might expose them to the risk that their investment will have a lower potential return than expected.

Also, the Issuer or its Affiliates may not be willing or able to act as market maker for the Securities. Market making and any other repurchase or any redemption or termination of the Securities prior to their scheduled maturity would require the prior approval of the competent authority in this case. Without approval for repurchase, the liquidity of the Securities would be very limited or might even completely cease, which could make divestiture practically impossible. If the Securities were nevertheless redeemed or repurchased without regulatory preapproval, then the amounts paid to the Securityholders would have to be returned to the Issuer irrespective of any agreement to the contrary.

Section D – Key information on the offer of securities to the public and/or the admission to trading on a regulated market

Under which conditions and timetable can I invest in this security?

General terms, conditions and expected timetable of the offer

Offering Period

The offer of the Securities start on 27 September 2022 (8 am local time Frankfurt am Main) and ends with the close of 14 October 2022 3pm local time Frankfurt am Main (end of the primary market). In any event, the offer ends with expiry of the validity of the Prospectus, unless another prospectus provides for a continuing offer.

The Issuer reserves the right for any reason to reduce the number of Securities offered.

Cancellation of the issuance of the Securities

The Issuer reserves the right for any reason to cancel the issuance of the Securities.

Early closing of the offering period of the Securities

The Issuer reserves the right for any reason to close the Offering Period early.

Categories of potential investors to which the Securities are offered and whether tranche(s) have been reserved for certain countries

Qualified investors within the meaning of the Prospectus Regulation and non-qualified investors.

The offer may be made in Switzerland to any person which complies with all other requirements for investment as set out in the Securities Note or otherwise determined by the Issuer and/or the relevant Financial Intermediaries. In other EEA countries and in Switzerland, offers will only be made pursuant to an exemption from the prospectus requirement.

Issue price

100.00 per cent. of the Nominal Amount per Note. Amount of any costs and taxes specifically charged to the subscriber or purchaser

Costs included in the price (per Security): Ex-ante entry costs: 1.50 %

	Ex-ante exit costs:	1.00 %
	Ex-ante running costs of the Security on yearly basis:	Not applicable
Other costs and taxes:	None	
Details of the admission to trading on a regulated market		
No application has been made to admit the Securities to the regulated market of any exchange.		
Why is this prospectus being produced?		
Reasons for the Offer		
The reasons for the offer are making profit and hedging certain risks.		
Material conflicts of interest pertaining to the offer or the admission to trading		
Save for the distributors regarding the fees, as far as the Issuer is aware, no person involved in the issue of the Securities has an interest material to the offer.		