



Key Information Document

Purpose

This document provides you with key information about this investment product. It is not marketing material. The information is required by law to help you understand the nature, risks, costs, potential gains and losses of this product and to help you compare it with other products.

Product

Product name	Participation Certificate on Aluminium Future
Product identifiers	ISIN: DE000DB5ALM4 WKN: DB5ALM
PRIIP manufacturer	Deutsche Bank AG. The product issuer is Deutsche Bank AG, Frankfurt.
Website	www.db.com/contact
Telephone number	Call +49-69-910-00 for more information.
Competent authority of the PRIIP manufacturer	German Federal Financial Supervisory Authority (BaFin)
Date of production	30 March 2023

You are about to purchase a product that is not simple and may be difficult to understand.

1. What is this product?

Type	German law governed certificates
Term	The product does not have a fixed term, subject to exercise by the investor or termination by the issuer.
Objectives	The product is designed to provide a return in the form of a cash payment following exercise by you or termination by the issuer that will depend on the performance of the underlying . The product has no fixed term.

(Terms that appear in **bold** in this section are described in more detail in the table(s) below.)

You may exercise the product on certain dates and subject to the notice periods set out in the product terms (see "7. Other Relevant Information" below for more information on where you can obtain the product terms). The issuer may also terminate the product on certain dates and subject to the notice periods set out in the product terms. The exercise or termination, as the case may be, will be effective after the period of time indicated in the product terms.

You will in both cases on the **settlement date** receive a cash amount equal to (1) the **reference price** on the **valuation date**, multiplied by the **roll-over factor** and by the **quanto factor**, and multiplied by (2) the **multiplier**, and converted into EUR at the **FX rate**.

Under the product terms, certain dates specified below will be adjusted if the respective date is either not a business day or not a trading day (as applicable). Any adjustments may affect the return, if any, you receive.

Underlying	The Generic Aluminium (LME) Future futures contract, which on the replacement date is replaced by the relevant successor future contract in case a replacement event occurs	Issue date	23 January 2009
Underlying market	Commodity future contracts	Reference price	The official settlement price of the underlying as per the reference source
Multiplier	0.01	Reference source	The London Metal Exchange (LME)
Roll-over factor	0.51384	Valuation date	The trading day on which your exercise becomes effective or our termination becomes effective
Quanto factor	0.70891	Settlement date / term	The 4th business day following the valuation date
Product currency	Euro (EUR)	FX rate	1 (Quanto)
Underlying currency	U.S. Dollar (USD)		

The issuer may terminate the product with immediate effect in the event of obvious written or mathematical errors in the terms and conditions or if certain extraordinary events provided in the terms and conditions occur. Examples of extraordinary events include (1) material changes, particularly in connection with the **underlying**, and (2) events, in particular due to changes in certain external conditions that hinder the issuer in meeting its obligations in connection with the product or – depending on the terms and conditions of the security – otherwise affect the product and/or the issuer. In case of immediate termination, the return (if any) may be significantly lower than the purchase price, but will reflect the product's market value and, if higher, any minimum redemption (alternatively, in some cases the corresponding compounded amount may be paid out at the product's scheduled maturity). Instead of immediate termination, the issuer may also amend the terms and conditions.

Provided that in the event of any inconsistency and/or conflict between the foregoing paragraph and any applicable law, order, rule or other legal requirement of any governmental or regulatory authority in a territory in which this product is offered, such national requirements shall prevail.

Intended retail investor

The product is intended for private clients who pursue the objective of general capital formation/asset optimization and have a medium-term investment horizon. This product is a product for clients who have sufficient knowledge and / or experience to make an informed investment decision. The investor can bear losses up to the total loss of the capital invested and attaches no importance to capital protection.

2. What are the risks and what could I get in return?



The risk indicator assumes you keep the product for 5 years. The actual risk can vary significantly if you cash in at an early or a later stage and you may get back less.

The summary risk indicator is a guide to the level of risk of this product compared to other products. It shows how likely it is that the product will lose money because of movements in the markets or because we are not able to pay you.

We have classified this product as 3 out of 7, which is a medium-low risk class. This rates the potential losses from future performance at a medium-low level, and poor market conditions are very unlikely to impact our capacity to pay you.

This product does not include any protection from future market performance so you could lose some or all of your investment. If we are not able to pay you what is owed, you could lose your entire investment.

Performance scenarios

What you will get from this product depends on future market performance. Market developments in the future are uncertain and cannot be accurately predicted.

The scenarios shown are illustrations based on results from the past and on certain assumptions. Markets could develop very differently in the future.

Recommended holding period:		5 years	
Example investment:		EUR 10,000	
Scenarios		If you exit after 1 year	If you exit after 5 years (Recommended holding period)
Minimum	There is no minimum guaranteed return. You could lose some or all of your investment.		
Stress	What you might get back after costs	EUR 8,507	EUR 4,450
	Average return each year	-14.9%	-14.9%
Unfavourable	What you might get back after costs	EUR 13,547	EUR 8,648
	Average return each year	35.5%	-2.9%
Moderate	What you might get back after costs	EUR 19,230	EUR 17,340
	Average return each year	92.3%	11.6%
Favourable	What you might get back after costs	EUR 25,578	EUR 34,635
	Average return each year	155.8%	28.2%

The favourable, moderate and unfavourable scenarios represent possible outcomes that have been calculated based on simulations using the reference asset's performance over up to 5 past years. The stress scenario shows what you might get back in extreme market circumstances.

The figures shown include all the costs of the product itself, but may not include all the costs that you pay to your advisor or distributor. The figures do not take into account your personal tax situation, which may also affect how much you get back.

3. What happens if Deutsche Bank AG, Frankfurt is unable to pay out?

You are exposed to the risk that the issuer might be unable to fulfil its obligations in respect of the product – e.g. in the event of insolvency (inability to pay / over-indebtedness) or an administrative order of resolution measures. In case of a crisis of the issuer such an order can also be issued by a resolution authority in the run-up of an insolvency proceeding. In doing so, the resolution authority has extensive intervention powers. Among other things, it can reduce rights of the investors to zero, terminate the product or convert it into shares of the issuer and suspend rights of the investors. With regard to the basic ranking of the issuer's obligations in the event of action by the resolution authority, please see www.bafin.de and search for the keyword "Haftungskaskade". A total loss of your capital invested is possible. The product is a debt instrument and as such is not covered by any deposit protection scheme.

4. What are the costs?

The person advising on or selling you this product may charge you other costs. If so, this person will provide you with information about these costs and how they affect your investment.

Costs over time

The tables show the amounts that are taken from your investment to cover different types of costs. These amounts depend on how much you invest, how long you hold the product and how well the product does. The amounts shown here are illustrations based on an example investment amount and different possible investment periods.

We have assumed:

- In the first year you would get back the amount that you invested (0% annual return). For the other holding periods we have assumed the product performs as shown in the moderate scenario.
- EUR 10,000 is invested

	If you exit after 1 year	If you exit after 5 years
Total costs	EUR 497	EUR 2,741

Annual cost impact*

5.1%

3.5% each year

*This illustrates how costs reduce your return each year over the holding period. For example it shows that if you exit at the recommended holding period your average return per year is projected to be 15.1% before costs and 11.6% after costs.

We may share part of the costs with the person selling you the product to cover the services they provide to you. They will inform you of the amount.

Composition of costs

	One-off costs upon entry or exit	If you exit after 1 year
Entry costs	1.4% of the amount you pay when entering this investment. These costs are already included in the price you pay.	EUR 131
Exit costs	1.2% of your investment before it is paid out to you.	EUR 117
Ongoing costs taken each year		
Management fees and other administrative or operating costs	2.6% of the value of your investment per year.	EUR 251

5. How long should I hold it and can I take money out early?

Recommended holding period: 5 years

The product aims to provide you with the return described under “1. What is this product?” above.

In addition to selling the product either (1) through the exchange (where the product is listed) or (2) off-exchange you may exercise the product on the Exercise Dates by transmission of an Exercise Notice to the Issuer. You must instruct your depository bank, which is responsible for the order of the transfer of the specified products. Upon effective exercise you will receive a Redemption Amount as described in more detail under “1. What is this product?” above. No fees or penalties will be charged by the issuer for any such transaction. However if you sell the product in the secondary market you will incur a bid/offer spread. If you should exercise or sell the product before the end of the sample period, the amount you will receive could be – even significantly – lower than the amount you would have otherwise received.

Exchange listing	Börse Stuttgart and Deutsche Börse AG	Price quotation	Units
Smallest tradable unit	1 unit		

In volatile or unusual market conditions, or in the event of technical faults/disruptions, the purchase and/or sale of the product can be temporarily hindered and/or suspended and may not be possible at all.

6. How can I complain?

Any complaint regarding the conduct of the person advising on, or selling, the product can be submitted directly to that person.

Any complaint regarding the product or the conduct of the manufacturer of this product can be submitted in writing at the following address: Mainzer Landstrasse 11-17, 60329 Frankfurt am Main, Germany, by email to: x-markets.team@db.com or at the following website: www.xmarkets.db.com.

7. Other relevant information

Any additional documentation in relation to the product and in particular the prospectus, any supplements thereto and the final terms are published on the manufacturer's website (www.xmarkets.db.com/DocumentSearch ; after entering of the respective ISIN or WKN), all in accordance with legal requirements. In order to obtain more detailed information - and in particular details of the structure and risks associated with an investment in the product - you should read these documents. These documents are also available free of charge from Deutsche Bank AG, Mainzer Landstrasse 11-17, 60329 Frankfurt am Main, Germany, in accordance with legal requirements.