

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	10-Year Autocallable Barrier Certificate linked to the S&P Transatlantic 40 ESG-Momentum Tilted Equal Weight Daily Risk Control 15% 50-Point Decrement Index (EUR) TR
Product identifiers	ISIN: XS2423176028 WKN: GX5LXD
Product manufacturer	Goldman, Sachs & Co. Wertpapier GmbH (see http://www.gspriips.eu or call +442070510101 for more information)
Competent Authority	Federal Financial Supervisory Authority (BaFin), Germany
Date of this document	November 3, 2022 11:14:37 Dublin local time

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

What is this product?

Type The product is in the form of a certificate issued under English law. It is not an interest bearing security. The payment obligations of the product manufacturer are guaranteed by The Goldman Sachs Group, Inc.

Objectives The product provides the potential for capital growth and does not pay interest. What you will receive at the end of the term of the product is not certain and will depend on the performance of the index S&P Transatlantic 40 ESG-Momentum Tilted Equal Weight Daily Risk Control 15% 50-Point Decrement Index (EUR) TR (the **underlying asset**). In addition, you will take the risk that some or all of the value of your investment may be lost at the end of the term of the product. The term of the product will end no later than December 22, 2032. However, the product may terminate early depending on the performance of the underlying asset. Each certificate has a face value of EUR 1. The issue price is 100.00% of the face value. The product will be listed on Luxembourg Stock Exchange (Main Segment). The issue date is December 21, 2022.

The performance is calculated by reinvesting all gross dividends paid by the components of the underlying asset and reducing by the pre-defined dividends. If the actual dividends paid by the components of the underlying asset are lower (respectively higher) than the pre-defined dividends, the performance will be penalized (respectively improved) compared to the traditional "price return" performance.

Pre-defined dividend: The pre-defined dividend for the underlying asset is shown in the table below. The pre-defined dividend is expressed per annum and is detached on a daily basis.

Underlying asset	Pre-Defined Dividend
S&P Transatlantic 40 ESG-Momentum Tilted Equal Weight Daily Risk Control 15% 50-Point Decrement Index (EUR) TR	50 Index Points

Autocall feature: If the closing price of the underlying asset on any autocall observation date is at or above the autocall barrier, the product will terminate on the corresponding autocall payment date. In this case, you will receive an autocall payment for each certificate that you hold. Autocall observation dates are each trading day rolling quarterly from December 15, 2023 (inclusive) to September 15, 2032 (inclusive). Autocall payment dates are dates falling 5 business days after each autocall observation date. Autocall barrier for the first 16 autocall observation dates is 100.00% of the initial reference price and will subsequently decrease to 80.00% of the initial reference price for each remaining autocall observation date. Autocall payment for the first autocall payment date is EUR 1.10 and will subsequently increase by EUR 0.025 with each autocall payment date.

Repayment at maturity:

This section applies only if no autocall occurs as described above.

On December 22, 2032, for each certificate that you hold:

- If the closing price of the underlying asset on December 15, 2032 is at least equal to 80.00% of the initial reference price, you will receive EUR 2.00; or
- If the closing price of the underlying asset on December 15, 2032 is at least equal to the barrier price, you will receive EUR 1.00; or
- Otherwise, you will receive EUR 1.00 multiplied by (i) the closing price of the underlying asset on December 15, 2032 divided by (ii) the strike price of the underlying asset.

The initial reference price of the underlying asset is the closing price on December 15, 2022.

The strike price is 100.00% of the initial reference price. The barrier price is 50.00% of the initial reference price.

The product terms also provide that if certain exceptional events occur (1) adjustments may be made to the product and/or (2) the product issuer may terminate the product early. These events are specified in the product terms and principally relate to the underlying asset, the product and the product manufacturer. The return (if any) you receive on such early termination is likely to be different from the scenarios described above and may be less than the amount you invested.

Intended retail investor

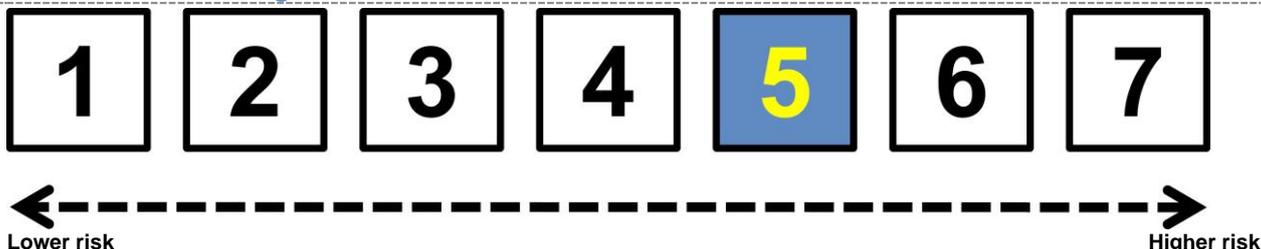
The product is intended to be offered to retail investors who:

- have advanced knowledge and a comprehensive understanding of the product, its market and its specific risks and rewards, with relevant financial industry experience including either frequent trading or large holdings in products of a similar nature, risk and complexity;

2. seek capital growth, expect the movement in the underlying asset to perform in a way that generates a favourable return, have an investment horizon of the recommended holding period specified below and understand that the product may terminate early;
3. accept the risk that the issuer or guarantor could fail to pay or perform its obligations under the product but otherwise are able to bear a total loss of their investment;
4. are willing to accept a level of risk to achieve potential returns that is consistent with the summary risk indicator shown below; and
5. are making use of professional advice.

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

Risk indicator



The risk indicator assumes you keep the product for 10 years. You may not be able to sell your product easily or may have to sell at a price that significantly impacts on how much you get back.

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 5 out of 7, which is a medium-high risk class. This takes into account two elements: (1) the market risk - that the potential losses for future performance are rated at a medium-high level; and (2) the credit risk - that poor market conditions are deemed 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

<i>Investment: EUR 10,000.00</i>				
Scenarios		1 year	5 years	10 years (Recommended holding period)
Stress scenario	What you might get back after costs	EUR 4,149.53	EUR 2,531.80	EUR 3,669.47
	Average return each year	-58.53%	-24.02%	-9.54%
Unfavourable scenario	What you might get back after costs	EUR 4,912.30	EUR 2,640.47	EUR 3,669.47
	Average return each year	-50.90%	-23.38%	-9.54%
Moderate scenario	What you might get back after costs	EUR 10,950.00	EUR 10,950.00	EUR 10,950.00
	Average return each year	9.51%	1.83%	0.91%
Favourable scenario	What you might get back after costs	EUR 10,950.00	EUR 13,087.50	EUR 14,750.00
	Average return each year	9.51%	5.53%	3.96%

Market developments in the future cannot be accurately predicted. The scenarios shown are only an indication of some of the possible outcomes based on recent returns. Actual returns could be lower. This table shows the money you could get back over the next 10 years under different scenarios, assuming that you invest EUR 10,000.00. The scenarios shown illustrate how your investment could perform. You can compare them with the scenarios of other products. The scenarios presented are an estimate of future performance based on evidence from the past on how the value of this investment varies, and are not an exact indicator. What you get will vary depending on how the market performs and how long you keep the product. The stress scenario shows what you might get back in extreme market circumstances, and it does not take into account the situation where we are not able to pay you.

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.

What happens if Goldman, Sachs & Co. Wertpapier GmbH is unable to pay out?

The product is not covered by an investor protection or guarantee scheme. This means that if we become insolvent, and the guarantor also becomes insolvent or otherwise fails to make full payment under the guarantee, you may suffer a total loss of your investment.

What are the costs?

The Reduction in Yield (RIY) shows what impact the total costs you pay will have on the investment return you might get. The total costs take into account one-off, ongoing and incidental costs.

The amounts shown here are the cumulative costs of the product itself, for three different holding periods. They include potential early exit penalties. The figures assume you invest EUR 10,000.00. The figures are estimates and may change in the future.

Costs over time The person selling you or advising you about this product may charge you other costs. If so, this person will provide you with information about these costs, and show you the impact that all costs will have on your investment over time.

Investment: EUR 10,000.00			
Scenarios	If you cash in after 1 year	If you cash in after 5 years	If you cash in at the end of the recommended holding period
Total costs	EUR 950.00	EUR 950.00	EUR 950.00
Impact on return (RIY) per year	11.50%	2.05%	1.01%
Composition of costs	The table below shows:		
	- The impact each year of the different types of costs on the investment return you might get at the end of the recommended holding period.		
	- The meaning of the different cost categories.		
The table shows the impact on return per year.			
One-off costs	<i>Entry costs</i>	1.01%	The impact of the costs already included in the price. This includes the costs of distribution of your product.
	<i>Exit costs</i>	0.00%	Not applicable.

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

Recommended holding period: 10 years

The recommended holding period for the product is 10 years as the product is designed to be held until maturity; however the product may terminate early due to an autocall or an extraordinary event. You have no contractual right to terminate the product prior to maturity.

The manufacturer is under no obligation to make a secondary market in the product, but may repurchase the product prior to maturity on a case-by-case basis. In such circumstances, the price quoted will reflect a bid-ask spread and any costs associated with unwinding the hedging arrangements of the manufacturer in connection with the product. In addition, the person who sold you the product may charge you brokerage fees when you sell the product back to the manufacturer.

How can I complain?

Any complaint regarding the person advising on or selling the product (such as your intermediary) can be submitted directly to that person. Complaints about the product and/or the conduct of the product manufacturer may be lodged in accordance with the steps set out at <http://www.gspriips.eu>. Complaints may also be addressed in writing to Goldman Sachs International, PRIIP KID - Compliance Securities, Plumtree Court, 25 Shoe Lane, London, EC4A 4AU, United Kingdom or may be sent by email to gs-eq-priip-kid-compliance@gs.com.

Other relevant information

Any additional documentation in relation to the product, in particular, the issuance programme documentation, any supplements thereto and the product terms are available free of charge from the product manufacturer upon request. Where the product is issued pursuant to the EU Prospectus Regulation (Regulation (EU) 2017/1129, as amended) or Regulation (EU) 2017/1129 as it forms part of UK domestic law by virtue of the European Union (Withdrawal) Act 2018 and regulations made thereunder (as amended, the "UK Prospectus Regulation"), as applicable, such documentation will also be available as described on <http://www.gspriips.eu>.