



**PROSPECTUS SUPPLEMENT NO. 5  
TO THE BASE PROSPECTUS DATED 21 FEBRUARY 2023**

**GOLDMAN, SACHS & CO. WERTPAPIER GMBH**  
*(Incorporated with limited liability in Germany)*

**as Issuer**

**GOLDMAN SACHS INTERNATIONAL**  
*(Incorporated with unlimited liability in England)*

**in respect of certain Securities issued by Goldman, Sachs & Co.  
Wertpapier GmbH only, as Guarantor**

**GOLDMAN SACHS FINANCE CORP INTERNATIONAL LTD**  
*(Incorporated with limited liability in Jersey)*

**as Issuer**

**THE GOLDMAN SACHS GROUP, INC.**  
*(A corporation organised under the laws of the State of Delaware)*

**in respect of Securities issued by Goldman Sachs Finance Corp  
International Ltd and certain Securities issued by Goldman, Sachs & Co.  
Wertpapier GmbH, as Guarantor**

**SERIES P PROGRAMME FOR THE ISSUANCE OF  
WARRANTS, NOTES AND CERTIFICATES**

**This Prospectus Supplement**

This prospectus supplement (the "**Prospectus Supplement**") to the base prospectus dated 21 February 2023 prepared by Goldman, Sachs & Co. Wertpapier GmbH ("**GSW**") as issuer, Goldman Sachs Finance Corp International Ltd ("**GSFCI**") as issuer, Goldman Sachs International ("**GSI**") as guarantor in respect of certain Securities only and The Goldman Sachs Group, Inc. ("**GSG**") as guarantor in respect of certain Securities only (the "**Original Base Prospectus**") under their Series P programme for the issuance of warrants, notes and certificates with respect to the Securities (the "**Programme**"), constitutes a supplement to the Base Prospectus for the purposes of Article 23(1) of Regulation (EU) 2017/1129 as it forms part of UK domestic law by virtue of the European Union (Withdrawal) Act 2018 (as amended, the "**EUWA**") and regulations made thereunder (as amended, the "**UK Prospectus Regulation**") and should be read in conjunction with Prospectus Supplement No. 1 to the Original Base Prospectus dated 15 March 2023, Prospectus Supplement No. 2 to the Original Base Prospectus dated 5 May 2023, Prospectus Supplement No. 3 to the Original Base Prospectus dated 13 June 2023 and Prospectus Supplement No. 4 to the Original Base Prospectus dated 20 July 2023 (the Original Base Prospectus as so supplemented, the "**Base Prospectus**"). The Original Base Prospectus was approved on 21 February 2023 by the United Kingdom Financial Conduct Authority (the "**FCA**") as competent authority under the UK Prospectus Regulation and by the Luxembourg Stock Exchange pursuant to the rules and regulations of the Luxembourg Stock Exchange for the Luxembourg Stock Exchange's Euro MTF market.

Terms defined in the Base Prospectus have the same meaning when used in this Prospectus Supplement unless otherwise defined herein. This Prospectus Supplement shall form part of and be read in conjunction with the Base Prospectus. The FCA only approves this Prospectus Supplement as meeting the standard of completeness, comprehensibility and consistency imposed by the UK Prospectus Regulation. Such approval by the FCA should not be considered as an endorsement of the Issuers or the quality of the Securities that are the subject of the Base Prospectus and this Prospectus Supplement. Investors should make their own assessment as to the suitability of investing in the Securities.

**Right of withdrawal**

**In accordance with Article 23(2) of the UK Prospectus Regulation and PRR 3.4.1 of the FCA's Prospectus Regulation Rules sourcebook, investors in the United Kingdom who have already**

agreed to purchase or subscribe for Securities issued under the Base Prospectus before this Prospectus Supplement is published, and for whom any of the information in this Prospectus Supplement relates to the issue of the relevant Securities (within the meaning of Article 23(4) of the UK Prospectus Regulation), have the right, exercisable until 8 September 2023, which is two working days after the publication of this Prospectus Supplement, to withdraw their acceptances, provided that the significant new factor, material mistake or material inaccuracy to which this Prospectus Supplement relates arose or was noted before the closing of the offer period or the delivery of the securities, whichever occurs first. Investors may contact the relevant Authorised Offeror(s) (as set out in the Final Terms of the relevant Securities) should they wish to exercise such right of withdrawal.

### **Responsibility**

Each of GSI, GSW, GSFCI and GSG accepts responsibility for the information given in this Prospectus Supplement and confirms that the information contained in this Prospectus Supplement is, to the best of their knowledge, in accordance with the facts and does not omit anything likely to affect its import.

### **Purpose of this Prospectus Supplement**

The purpose of this Prospectus Supplement is to (a) incorporate by reference GSG's 2023 Second Quarter Form 10-Q (as defined below), and (b) make certain changes to the information in the "*Documents Incorporated by Reference*" and "*General Information*" sections of the Base Prospectus.

This Prospectus Supplement and the document(s) incorporated by reference into this Prospectus Supplement will be available on the website of the Financial Conduct Authority at <https://marketsecurities.fca.org.uk/> and the Luxembourg Stock Exchange at [www.luxse.com](http://www.luxse.com).

### **Information being supplemented**

#### *Incorporation by reference*

This Prospectus Supplement supplements the Base Prospectus by incorporating by reference the Quarterly Report on Form 10-Q for the second fiscal quarter ended 30 June 2023 of GSG ("**GSG's 2023 Second Quarter Form 10-Q**"), as filed with the U.S. Securities and Exchange Commission ("**SEC**") on 3 August 2023.

GSG's 2023 Second Quarter Form 10-Q is incorporated by reference into, and forms part of, this Prospectus Supplement, and the information contained in this Prospectus Supplement and GSG's 2023 Second Quarter Form 10-Q shall be deemed to update and, where applicable, supersede any information contained in the Base Prospectus, or any documents incorporated by reference therein.

### **Amendments and updates to certain information in the Base Prospectus**

The Base Prospectus is amended and supplemented as follows:

#### **1. Amendments to the section entitled "Documents Incorporated by Reference"**

The information in the section entitled "*Documents Incorporated by Reference*" is amended and supplemented by deleting sub-section 3 entitled "*The Goldman Sachs Group, Inc.*" on pages 66 to 68 of the Base Prospectus in its entirety and replacing it with the following:

##### **"3. The Goldman Sachs Group, Inc.**

GSG files documents and information with the SEC. The following documents, which have previously been published and filed with the SEC, shall be deemed to be incorporated by reference in, and to form part of, this Base Prospectus:

- (a) The Quarterly Report on Form 10-Q for the second fiscal quarter ended 30 June 2023 of the Goldman Sachs Group, Inc. ("**GSG's 2023 Second Quarter Form 10-Q**"), as filed with the SEC on 3 August 2023 (accessible on <https://www.goldmansachs.com/investor-relations/financials/10q/2023/second-quarter-2023-10-q.pdf>);

- (b) The Quarterly Report on Form 10-Q for the first fiscal quarter ended 31 March 2023 of the Goldman Sachs Group, Inc. ("**GSG's 2023 First Quarter Form 10-Q**"), as filed with the SEC on 4 May 2023 (accessible on <https://www.goldmansachs.com/investor-relations/financials/10q/2023/first-quarter-2023-10-q.pdf>);
- (c) The Current Report on GSG's 18 April 2023 Form 8-K of The Goldman Sachs Group, Inc. ("**GSG's 18 April 2023 Form 8-K**"), including Exhibit 99.1 ("**Exhibit 99.1 to GSG's 18 April 2023 Form 8-K**") as filed with the SEC on 18 April 2023 (accessible on <https://www.goldmansachs.com/investor-relations/financials/8k/2023/8k-04-18-23.pdf>);
- (d) the Proxy Statement relating to GSG's 2023 Annual Meeting of Shareholders on 26 April 2023 ("**GSG's 2023 Proxy Statement**"), as filed with the SEC on 17 March 2023 (accessible on <https://www.goldmansachs.com/investor-relations/financials/proxy-statements/2023/2023-proxy-statement-pdf.pdf>);
- (e) The Annual Report on Form 10-K for the fiscal year ended 31 December 2022 of The Goldman Sachs Group, Inc. ("**GSG's 2022 Form 10-K**"), containing financial statements relating to the fiscal years ended 31 December 2022, 31 December 2021 and 31 December 2020, including Exhibit 21.1, as filed with the U.S. Securities and Exchange Commission on 24 February 2023 (accessible on <https://www.goldmansachs.com/investor-relations/financials/10k/2022/2022-10-k.pdf>);
- (f) The Current Report on GSG's 17 January 2023 Form 8-K of The Goldman Sachs Group, Inc. ("**GSG's 17 January 2023 Form 8-K**"), including Exhibit 99.1 ("**Exhibit 99.1 to GSG's 17 January 2023 Form 8-K**") as filed with the SEC on 17 January 2023 (accessible on <https://www.goldmansachs.com/investor-relations/financials/8k/2023/8k-01-17-23.pdf>);
- (g) The Quarterly Report on Form 10-Q for the third fiscal quarter ended 30 September 2022 of the Goldman Sachs Group, Inc. ("**GSG's 2022 Third Quarter Form 10-Q**"), as filed with the SEC on 3 November 2022 (accessible on <https://www.goldmansachs.com/investor-relations/financials/10q/2022/third-quarter-2022-10-q.pdf>);
- (h) The Current Report on Form 8-K dated 18 October 2022 of The Goldman Sachs Group Inc. ("**GSG's 18 October 2022 Form 8-K**") including Exhibit 99.1 ("**Exhibit 99.1 to GSG's 18 October 2022 Form 8-K**") as filed with the SEC on 18 October 2022 (accessible on <https://www.goldmansachs.com/investor-relations/financials/8k/2022/8k-10-18-22.pdf>);
- (i) The Quarterly Report on Form 10-Q for the second fiscal quarter ended 30 June 2022 of the Goldman Sachs Group, Inc. ("**GSG's 2022 Second Quarter Form 10-Q**"), as filed with the SEC on 3 August 2022 (accessible on <https://www.goldmansachs.com/investor-relations/financials/10q/2022/second-quarter-2022-10-q.pdf>);
- (j) The Current Report on Form 8-K dated 18 July 2022 of The Goldman Sachs Group Inc. ("**GSG's 18 July 2022 Form 8-K**") including Exhibit 99.1 ("**Exhibit 99.1 to GSG's 18 July 2022 Form 8-K**") as filed with the SEC on 18 July 2022 (accessible on <https://www.goldmansachs.com/investor-relations/financials/8k/2022/8k-07-18-22.pdf>);
- (k) The Quarterly Report on Form 10-Q for the first fiscal quarter ended 31 March 2022 of the Goldman Sachs Group, Inc. ("**GSG's 2022 First Quarter Form 10-Q**"), as filed with the SEC on 29 April 2022 (accessible on <https://www.goldmansachs.com/investor-relations/financials/10q/2022/first-quarter-2022-10-q.pdf>);

- (l) The Current Report on Form 8-K dated 14 April 2022 of The Goldman Sachs Group Inc. ("**GSG's 14 April 2022 Form 8-K**") including Exhibit 99.1 ("**Exhibit 99.1 to GSG's 14 April 2022 Form 8-K**") as filed with the SEC on 14 April 2022 (accessible on <https://www.goldmansachs.com/investor-relations/financials/8k/2022/8k-04-14-22.pdf>);
- (m) The Proxy Statement relating to GSG's 2022 Annual Meeting of Shareholders on 28 April 2022 ("**GSG's 2022 Proxy Statement**"), as filed with the SEC on 18 March 2022 (accessible on <https://www.goldmansachs.com/investor-relations/financials/proxy-statements/2022/2022-proxy-statement-pdf.pdf>); and
- (n) The Annual Report on Form 10-K for the fiscal year ended 31 December 2021 of The Goldman Sachs Group, Inc. ("**GSG's 2021 Form 10-K**"), containing financial statements relating to the fiscal years ended 31 December 2021, 31 December 2020 and 31 December 2019, including Exhibit 21.1, as filed with the U.S. Securities and Exchange Commission on 24 February 2022 (accessible on <https://www.goldmansachs.com/investor-relations/financials/10k/2021/2021-10-k.pdf>).

The following table indicates where information required by the UK Prospectus Regulation ("**UK PR**") is to be disclosed in, and incorporated by reference into, this Base Prospectus can be found in the documents referred to above:

<b>Information required by the UK PR</b>	<b>Document/Location</b>
Risk factors relating to GSG ( <i>Annex 6, Section 3, Item 3.1 of the UK PR</i> )	GSG's 2022 Form 10-K (Market risks (pp. 29-32), Liquidity risks (pp. 32-34), Credit risks (pp. 35-36), Operational risks (pp. 36-40), Legal and Regulatory risks (pp. 41-48), Competition risks (pp. 48-50) and Market Developments and General Business Environment risks (pp. 50-54))
<b>Information about GSG</b>	
History and development of the company ( <i>Annex 6, Section 4, Item 4.1 of the UK PR</i> )	GSG's 2022 Form 10-K (p. 1)
Details of any recent events particular to GSG and which are to a material extent relevant to an evaluation of GSG's solvency ( <i>Annex 6, Section 4, Item 4.1.5 of the UK PR</i> )	GSG's 2022 Form 10-K (pp. 57-118)
Information on the material changes in GSG's borrowing or funding structure since the last financial year ( <i>Annex 6, Section 4, Item 4.1.7 of the UK PR</i> )	GSG's 2022 Form 10-K (pp. 80-83, 123-126, 180-182)
Description of the expected financing of GSG's activities ( <i>Annex 6, Item 4, Item 4.1.8 of the UK PR</i> )	GSG's 2022 Form 10-K (pp. 80-83)
<b>Business overview</b>	
GSG's principal activities ( <i>Annex 6, Section 5, Item 5.1 of the UK PR</i> )	GSG's 2022 Form 10-K (pp. 1-5, 127)
GSG's principal markets ( <i>Annex 6, Section 5, Item 5.1.1 (c) of the UK PR</i> )	GSG's 2022 Form 10-K (pp. 9-10, 56, 209)

<b>Information required by the UK PR</b>	<b>Document/Location</b>
Organisational Structure ( <i>Annex 6, Section 6, Items 6.1 and 6.2 of the UK PR</i> )	GSG's 2022 Form 10-K (p. 34, Exhibit 21.1)
Trend information ( <i>Annex 6, Section 7, Items 7.1 and 7.2 of the UK PR</i> )	GSG's 2023 Second Quarter Form 10-Q (pp. 105-169) GSG's 2022 Form 10-K (pp. 57-118)
Administrative, management and supervisory bodies, including conflicts of interest ( <i>Annex 6, Section 9, Items 9.1 and 9.2 of the UK PR</i> )	GSG's 2023 Proxy Statement (pp. 6-30, 97-99) GSG's 2022 Form 10-K (pp. 24-25)
Beneficial owners of more than five per cent. ( <i>Annex 6, Section 10, Item 10.1 of the UK PR</i> )	GSG's 2023 Proxy Statement (p. 102)
<b>Financial information</b>	
Audited historical financial information for the fiscal years ended 31 December 2022, 31 December 2021 and 31 December 2020 ( <i>Annex 6, Section 11, Items 11.1.1 and 11.1.5 of the UK PR</i> )	GSG's 2022 Form 10-K (pp. 123-231)
Audit report ( <i>Annex 6, Section 11, Item 11.1.1 of the UK PR</i> )	GSG's 2022 Form 10-K (pp. 120-122)
Balance sheet ( <i>Annex 6, Section 11, Item 11.1.5 of the UK PR</i> )	GSG's 2022 Form 10-K (p. 124)
Income statement ( <i>Annex 6, Section 11, Item 11.1.5 of the UK PR</i> )	GSG's 2022 Form 10-K (p. 123)
Cash flow statement ( <i>Annex 6, Section 11, Item 11.1.5 of the UK PR</i> )	GSG's 2022 Form 10-K (p. 126)
Accounting policies and explanatory notes ( <i>Annex 6, Section 11, Item 11.1.5 of the UK PR</i> )	GSG's 2022 Form 10-K (pp. 59-62, 127-231)
Unaudited interim and other financial information ( <i>Annex 6, Section 11, Item 11.2.1 of the UK Prospectus Regulation</i> )	GSG's 2023 Second Quarter Form 10-Q (pp. 1-102)
Balance sheet ( <i>Annex 6, Section 11, Item 11.2.1 of the UK Prospectus Regulation</i> )	GSG's 2023 Second Quarter Form 10-Q (p. 2)
Income statement ( <i>Annex 6, Section 11, Item 11.2.1 of the UK Prospectus Regulation</i> )	GSG's 2023 Second Quarter Form 10-Q (p. 1)

<b>Information required by the UK PR</b>	<b>Document/Location</b>
Cash flow statement ( <i>Annex 6, Section 11, Item 11.2.1 of the UK Prospectus Regulation</i> )	GSG's 2023 Second Quarter Form 10-Q (p. 4)
Accounting policies and explanatory notes ( <i>Annex 6, Section 11, Item 11.2.1 of the UK Prospectus Regulation</i> )	GSG's 2023 Second Quarter Form 10-Q (pp. 5-102)
Legal and arbitration proceedings ( <i>Annex 6, Section 11, Item 11.4.1 of the UK PR</i> )	GSG's 2023 Second Quarter Form 10-Q (pp. 88-101) GSG's 2022 Form 10-K (pp. 55, 210-223)
<b>Additional information</b>	
Share capital ( <i>Annex 6, Section 12, Item 12.1 of the UK PR</i> )	GSG's 2023 Second Quarter Form 10-Q (pp. 3, 72-74) GSG's 2022 Form 10-K (pp. 125, 192-194)
<b>Material contracts</b>	
Material contracts ( <i>Annex 6, Section 13, Item 13.1 of the UK PR</i> )	GSG's 2023 Second Quarter Form 10-Q (pp. 60-63) GSG's 2022 Form 10-K (pp. 180-183)

Certain material risks that are specific to the Issuer and/or Guarantor and that may affect the Issuer's and/or Guarantor's ability to fulfil its obligations under the Securities may be described by referring to the relevant sections therein of the above documents incorporated by reference (as applicable). See "*Risks relating to GSG*" under the section of this Base Prospectus entitled "*Risk Factors*".

Any information included in the documents incorporated by reference that is not included in the cross reference list is not incorporated by reference and is therefore not relevant to an investor (meaning that it is not necessary information to be included in this Base Prospectus pursuant to Article 6(1) of the UK Prospectus Regulation and is not otherwise required to be included under the relevant schedules of the UK Prospectus Regulation.

Investors who have not previously reviewed the information contained in the above documents should do so in connection with their evaluation of any Securities. Any statement contained in a document or the relevant portion of which is incorporated by reference into this Base Prospectus, shall be deemed to be modified or superseded for the purpose of this Base Prospectus to the extent that a statement contained in this Base Prospectus or in any supplement to this Base Prospectus, including any documents incorporated therein by reference, modifies or supersedes such earlier statement (whether expressly, by implication or otherwise).

The documents incorporated by reference into this Base Prospectus are available to investors by request from Investor Relations, 200 West Street, New York, New York 10282, USA, telephone +1 (212) 902-0300 and from the Luxembourg Paying Agent, Banque Internationale à Luxembourg at its office at 69 route d'Esch, L-2953 Luxembourg, Grand Duchy of Luxembourg. The documents incorporated by reference are also available on the Luxembourg Stock Exchange's website (www.luxse.com).".

**2. Amendments to the section entitled "General Information"**

The information in the section entitled "*General Information*" is amended and supplemented by:

- (a) deleting the no significant change and no material adverse change statements relating to GSG in sub-section 3 entitled "*No significant change and no material adverse change*" on page 330 of the Base Prospectus in its entirety and replacing it with the following:

"There has been no significant change in the financial position or financial performance of GSG and its consolidated subsidiaries since 30 June 2023. There has been no material adverse change in the prospects of GSG since 31 December 2022.";

- (b) deleting sub-section 4 entitled "*Litigation*" on page 330 of the Base Prospectus in its entirety and replacing it with the following:

"4. **Litigation**

"Save as disclosed in (i) "Legal Proceedings" of Note 25 to the Financial Statements (pages 70 to 71) of GSI's 2022 Annual Report (ii) "Legal Proceedings" of Note 8 to the Financials Statements (pages 9 to 10) of GSI's 2023 First Quarter Financial Report, (iii) "Legal Proceedings" of Note 27 to the Financial Statements (pages 210 to 223) of GSG's 2022 Form 10-K and (iv) "Legal Proceedings" of Note 27 to the Financial Statements (pages 88 to 101) of GSG's 2023 Second Quarter Form 10-Q, there have been no governmental, legal or arbitration proceedings (including any such proceedings which are pending or threatened of which GSI, GSW, GSFCE or GSG is aware) during the 12 months before the date of this Base Prospectus (as supplemented to, and including, the date of Prospectus Supplement No. 5) which may have, or have had in the recent past, significant effects on GSI, GSW, GSFCE or GSG's financial position or profitability."; and

- (c) deleting sub-section 5 entitled "*Availability of Documents*" on pages 330 to 331 of the Base Prospectus in its entirety and replacing it with the following:

"5. **Availability of Documents**

Copies of the following documents will be made available for at least 10 years and may be obtained free of charge upon request during normal business hours from the specified office of the Issuers and the office of the Paying Agent in Luxembourg and each of the Paying Agents and (in the case of (i) only, on [https://www.goldmansachs.ch/ch/media/ch/dokumente/sonstiges/19-10-04-GSFCE\\_Constitutional\\_Documents.pdf](https://www.goldmansachs.ch/ch/media/ch/dokumente/sonstiges/19-10-04-GSFCE_Constitutional_Documents.pdf) and in the case of (ii) to (iv) and (xxxix) to (xxxvi) on the website of the Issuer at <https://www.goldmansachs.com/investor-relations/>):

- (i) the constitutional documents of GSFCE;
- (ii) the constitutional documents of GSW;
- (iii) the constitutional documents of GSI;
- (iv) the certificate of incorporation of GSG;
- (v) GSI's 2023 First Quarter Financial Report;
- (vi) GSI's 2022 Third Quarter Financial Report;
- (vii) GSI's 2022 Second Quarter Financial Report;
- (viii) GSI's 2022 First Quarter Financial Report;
- (ix) GSI's 2022 Annual Report;
- (x) GSI's 2021 Annual Report;
- (xi) GSI's 2020 Annual Report;
- (xii) GSFCE's 2022 Financial Statements;

- (xiii) GSFICI's 2022 Interim Financial Statements;
- (xiv) GSFICI's 2021 Financial Statements;
- (xv) GSFICI's 2021 Interim Financial Statements;
- (xvi) GSFICI's 2020 Financial Statements;
- (xvii) GSG's 18 April 2023 Form 8-K;
- (xviii) GSG's 17 January 2023 Form 8-K;
- (xix) GSG's 18 October 2022 Form 8-K;
- (xx) GSG's 18 July 2022 Form 8-K;
- (xxi) GSG's 14 April 2022 Form 8-K;
- (xxii) GSG's 2023 Second Quarter Form 10-Q;
- (xxiii) GSG's 2023 First Quarter Form 10-Q;
- (xxiv) GSG's 2022 Third Quarter Form 10-Q;
- (xxv) GSG's 2022 Second Quarter Form 10-Q;
- (xxvi) GSG's 2022 First Quarter Form 10-Q;
- (xxvii) GSG's 2023 Proxy Statement;
- (xxviii) GSG's 2022 Proxy Statement;
- (xxix) GSG's 2022 Form 10-K;
- (xxx) GSG's 2021 Form 10-K;
- (xxxi) the GSG (New York law) Guaranty;
- (xxxii) the GSI (English law) Guarantee;
- (xxxiii) the GSI (New York law) Guarantee (of PSL Notes under Cayman Islands law);
- (xxxiv) the Programme Agency Agreement;
- (xxxv) the Deed of Covenant and the Cayman Deed of Covenant;
- (xxxvi) the Issue Terms for each Tranche or Series of Securities that are listed on the Official List of the Luxembourg Stock Exchange or any other stock exchange;
- (xxxvii) a copy of the Base Prospectus;
- (xxxviii) a copy of any supplement to the Base Prospectus and Issue Terms; and
- (xxxix) all reports, letters and other documents, balance sheets, valuations and statements by any expert any part of which is extracted or referred to in this Base Prospectus."



**Interpretation**

To the extent that there is any inconsistency between (a) any statement in this Prospectus Supplement and (b) any other statement in or incorporated by reference into the Base Prospectus, the statements in (a) above will prevail.

References to the Base Prospectus shall hereafter mean the Base Prospectus as supplemented by this Prospectus Supplement.

**U.S. notice**

This Prospectus Supplement is not for use in, and may not be delivered to or inside, the United States.

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The date of this Prospectus Supplement is 6 September 2023