Supplement

pursuant to Article 23 (1) of the Regulation (EU) 2017/1129 (as amended from time to time) (the "**Prospectus Regulation**")

dated 3 November 2021

with respect to the Base Prospectus for the continuation of the public offer and for the increase of the issue size of Securities (issued in the form of Certificates, Notes or Warrants) initially issued by Goldman, Sachs & Co. Wertpapier GmbH dated 22 October 2021

of

Goldman Sachs Bank Europe SE Frankfurt am Main, Germany

(the "Issuer")

unconditionally guaranteed by

The Goldman Sachs Group, Inc.
United States of America

(the "Guarantor")

This supplement is related to the following base prospectus:
Base prospectus for the continuation of the public offer and for the increase of the issue size of Securities (issued in the form of Certificates, Notes or Warrants) initially issued by Goldman, Sachs & Co. Wertpapier GmbH of Goldman Sachs Bank Europe SE dated 22 October 2021 (the "Base Prospectus").

The significant new factor resulting in this supplement (the "Supplement") to the Base Prospectus is the publication of the Quarterly Report on Form 10-Q dated 29 October 2021 for the fiscal quarter ended 30 September 2021 (the "Form 10-Q Third Quarter 2021") on 1 November 2021 which has been filed with the US Securities and Exchange Commission (the "SEC") by the Guarantor on 1 November 2021 and has also been filed with the Commission de Surveillance du Secteur Financier ("CSSF") in Luxembourg in connection with the base prospectus with respect to the Euro Medium-Term Notes, Series F of The Goldman Sachs Group, Inc. dated 15 April 2021 (the "GSG Base Prospectus") (as supplemented).

Due to this Supplement the information contained in the Base Prospectus shall be supplemented as follows:

1. In the Base Prospectus in section "IX. Important information about the Guarantor" on page 75 the following bullet point shall be added at the end of the list contained in the first paragraph:

- '• Supplement No. 5 to the Base Prospectus Euro Medium-Term Notes, Series F dated 2 November 2021 ("Supplement No. 5 to the GSG Base Prospectus")"
- 2. In the Base Prospectus the third paragraph (excluding the bullet points) of section "IX. Important information about the Guarantor" on page 75 shall be replaced as follows:

"The Guarantor files documents and reports with the US Securities and Exchange Commission (the "SEC"). With respect to further substantial information in respect of The Goldman Sachs Group, Inc. as the Guarantor of the Securities reference pursuant to Article 19 paragraph 1 of the Prospectus Regulation is made to the following documents filed with the SEC (the "SEC Documents") which are also filed with the CSSF and to which reference is made in the GSG Base Prospectus, the Supplement No. 1 to the GSG Base Prospectus, the Supplement No. 3 to the GSG Base Prospectus and the Supplement No. 5 to the GSG Base Prospectus (detailed information regarding the pages in the SEC Documents, to which reference is made with respect to the required information about the Guarantor, can be found in Section "XIV. General Information" under "6. Information incorporated by reference"):"

- 3. In the Base Prospectus in section "IX. Important information about the Guarantor" on page 75 the following bullet point shall be added at the end of the list contained in the third paragraph:
 - "• the Quarterly Report on Form 10-Q for the fiscal quarter ended 30 September 2021 (the "Form 10-Q Third Quarter 2021"), filed with the SEC on 1 November 2021."

4. In the Base Prospectus the table contained in subsection "6. Information incorporated by reference" of section "XIV. General Information" on pages 125 et seqq. shall be amended as follows:

• The row "Trend information (Annex 6, Section 7 Delegated Regulation)" shall be replaced as follows:

Trend information (Annex 6, Section	GSG Base Prospectus (Page 136	Page 75
7 Delegated Regulation)	(Material Adverse or Significant	
	Changes and Legal Proceedings) -	
	third to the last paragraph on this	
	page)	
	Form 10-K 2020 (Pages 56-114	
	(Management's Discussion and	
	Analysis of Financial Condition	
	and Results of Operations))	
	Form 10-Q Third Quarter 2021	
	(Pages 100-163 (Management's	
	Discussion and Analysis of Finan-	
	cial Condition and Results of Operations))	
	anons))	

The subsection "Financial information" (including the subitems) shall be replaced as follows:

Financial information Audited historical financial infor-Form 10-K 2020 (Pages 119-221 Page 75 mation for the fiscal years ended 31 (Consolidated Statements of Earn-December 2020 and 31 December ings, Consolidated Statements of 2019 (Annex 6, Section 11.1-11.7 Comprehensive Income, Consoli-Delegated Regulation) dated Balance Sheets, Consolidated Statements of Changes in Shareholders' Equity, Consolidated Statements of Cash Flows, Notes to Consolidated Financial Statements, Supplemental Financial Information)) Audit report (Annex 6, Section Form 10-K 2020 (Pages 116-118 (Re-Page 75 11.1 Delegated Regulation) port of Independent Registered Public Accounting Firm)) Balance sheet (Annex 6, Sec-Form 10-K 2020 (Page 120 (Consoli-Page 75 dated Balance Sheets)) tion 11.1 Delegated Regulation) Form 10-K 2020 (Page 119 (Consoli-Income statement (Annex 6, Page 75 Section 11.1 Delegated Reguladated Statements of Earnings)) tion) Cash flow statement (Annex 6, Form 10-K 2020 (Page 122 (Consoli-Page 75 Section 11.1 Delegated Reguladated Statements of Cash Flows)) tion)

Accounting policies and explanatory notes (Annex 6, Section 11.1 Delegated Regulation)	Form 10-K 2020 (Pages 58-60 (Management's Discussion and Analysis of Financial Condition and Results of Operations - Critical Accounting Policies), Pages 123-221 (Notes to Consolidated Financial Statements, Supplemental Financial Information))	Page 75
Unaudited Interim and other financial information (Annex 6, Section 11.2 Delegated Regulation)	Form 10-Q Third Quarter 2021 (Pages 3-99 (Financial Statements (Unaudited), Notes to Consolidated Financial Statements (Unaudited), Report of Independent Registered Public Accounting Firm, Statistical Disclosures))	Page 75
	Supplement No. 5 to the GSG Base Prospectus (Pages 1 - 2; Section "Unaudited Interim Selected Finan- cial Information")	
Balance sheet (Annex 6, Section 11.2 Delegated Regulation)	Form 10-Q Third Quarter 2021 (Page 4 (Consolidated Balance Sheets (Unaudited)))	Page 75
Income statement (Annex 6, Section 11.2 Delegated Regula- tion)	Form 10-Q Third Quarter 2021 (Page 3 (Consolidated Statements of Earnings (Unaudited)))	Page 75
Cash flow statement (Annex 6, Section 11.2 Delegated Regulation)	Form 10-Q Third Quarter 2021 (Page 6 (Consolidated Statements of Cash Flows (Unaudited)))	Page 75
Accounting policies and explanatory notes (Annex 6, Section 11.2 Delegated Regulation)	Form 10-Q Third Quarter 2021 (Pages 7-99 (Notes to Consolidated Financial Statements (Unaudited), Report of Independent Registered Public Accounting Firm, Statistical Disclosures))	Page 75
Legal and arbitration proceedings (Annex 6, Section 11.4 Delegated Regulation)	Form 10-K 2020 (Page 55 (Legal Proceedings), Pages 205-212 (Legal Proceedings))	Page 75
	Form 10-Q Third Quarter 2021 (Pages 88-96 (<i>Legal Proceedings</i>)) Supplement No. 5 to the GSG Base Prospectus (Page 2; the second bullet point on this page)	
Significant change in the Guarantor's financial position (Annex 6, Section 11.5.1 Delegated Regulation)	Supplement No. 5 to the GSG Base Prospectus (Page 2; the first bullet point on this page)	Page 75

"

• The row "Share capital (Annex 6, Section 12.1 Delegated Regulation)" in the subsection "Additional information" shall be replaced as follows:

Share capital (Annex 6, Section 12.1 Delegated Regulation)	Form 10-K 2020 (Page 121 (Consolidated Statements of Changes in Shareholders' Equity), Pages 187-189 (Shareholders' Equity))	Page 75
	Form 10-Q Third Quarter 2021 (Page 5 (Consolidated Statements of Changes in Shareholders' Eq- uity (Unaudited)), Pages 72-75 (Shareholders' Equity))	

5. In the Base Prospectus at the end of the table contained on pages 132 et seq. in subsection "6. Information incorporated by reference" of section "XIV. General Information" the following points shall be added at the end of the list of the documents from which information is incorporated by reference:

Supplement No. 5 to the GSG Base Prospectus	https://www.bourse.lu/programme-documents/Programme-GolSachsGr/13706
Form 10-Q Third Quarter 2021	https://www.goldmansachs.com/investor-relations/financials/10q/2021/third-quarter-2021-10-q.pdf

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The Supplement, the Base Prospectus and any further supplements are published on the website www.gs.de/en/services/documents/base-prospectus.

Pursuant to article 23 para. 2a of the Prospectus Regulation, investors who have already agreed to purchase or subscribe for the securities before the supplement was published and where the securities had not yet been delivered to the investors at the time when the significant new factor, material mistake or material inaccuracy arose or was noted shall have the right, exercisable within a time period of three working days after the publication of this Supplement, to withdraw their acceptances. The right to withdraw the acceptance only applies to securities that have been offered under the Base Prospectus of Goldman Sachs Bank Europe SE dated 22 October 2021 and which relate to this Supplement.

If the acceptance to purchase or subscribe for the securities has been made to the Issuer, the addressee of a withdrawal is Goldman Sachs Bank Europe SE, Marienturm, Taunusanlage 9-10, 60329 Frankfurt am Main, Germany. If the acceptance to purchase or subscribe for the securities has been made to someone else than the Issuer (the "Third Party"), the withdrawal must be addressed to this Third Party.