

Bekanntmachung in Bezug auf folgende

- Anpassung -

**Mini Future Optionsscheine, Open End Turbo Optionsscheine und Faktor Zertifikate
der Goldman Sachs Bank Europe SE**

bezogen auf

Währungs-Wechselkurse

(EUR/CHF (WM Company FX-Fixing))

Aktien

(ABB Ltd; Adecco Group AG; ams AG; Barry Callebaut AG; Compagnie Financiere Richemont SA; Credit Suisse Group AG; Geberit AG; Givaudan SA; Holcim Ltd; Julius Baer Group Ltd; Lonza Group AG; Nestlé S.A.; Novartis AG; Partners Group Holding AG; Roche Holding AG; Schindler Holding AG; SGS SA; Sika AG; Sonova Holding AG; Straumann Holding AG; Swiss Life Holding AG; Swiss Re AG; Swisscom AG; Temenos Group AG; The Swatch Group AG; UBS Group AG und Zurich Insurance Group AG)

**Ersetzung des ICE CHF Spot Next LIBOR durch den
Swiss Average Rate Overnight (SARON) als Referenzzinssatz**

Am 5. März 2021 hat die britische Finanzaufsichtsbehörde (*Financial Conduct Authority*; "FCA") eine Bekanntmachung zu der zukünftigen Einstellung und den damit verbundenen Verlust der Repräsentativität bestimmter LIBOR Referenzzinssätze veröffentlicht. Gemäß der Bekanntmachung wird die Veröffentlichung aller sieben EUR-LIBOR-Sätze, aller sieben CHF-LIBOR-Sätze, der Spot Next-, 1-Woche-, 2-Monats- und 12-Monats-JPY-Sätze, der Overnight-, 1-Woche-, 2-Monats- und 12-Monats-GBP-LIBOR-Sätze und der 1-Woche-, 2-Monats-USD-LIBOR Sätze unmittelbar nach dem 31. Dezember 2021 eingestellt. Die Veröffentlichung der Overnight- und 12-Monats-USD-LIBOR-Sätze wird dauerhaft unmittelbar nach dem 30. Juni 2023 eingestellt. Aufsichtsbehörden und Zentralbanken fordern nachdrücklich den Wechsel weg von den LIBORs und haben "risikofreie Sätze" (*risk free rates* - RFRs) benannt, die die LIBORs als vorrangige Referenzwerte bzw. Benchmarks für Finanzinstrumente ersetzen sollen.

Die Ersetzung der LIBOR-Sätze durch die RFRs ist für die im Anhang dieser Bekanntmachung angegebenen Mini Future Optionsscheine, Open End Turbo Optionsscheine und Faktor Zertifikate (die "**Wertpapiere**"), bei denen die Goldman Sachs Bank Europe SE ("**GSBE**") Emittentin ist (und die ursprünglich von der Goldman, Sachs & Co. Wertpapier GmbH emittiert wurden), relevant, da diese Wertpapiere den ICE CHF Spot Next LIBOR im Rahmen der regelmäßigen Anpassung der Wertpapiere an jedem Anpassungstag verwenden.

Im Zuge der regelmäßigen Anpassung der Wertpapiere wird der Finanzierungzinssatz der jeweiligen Wertpapiere berücksichtigt, der sich aus einer Zinsmarge und einem in den maßgeblichen Endgültigen Bedingungen festgelegten Referenzzinssatz zusammensetzt und von der GSBE als Berechnungsstelle festgelegt wird. Der Referenzzinssatz ist ein Spot Next-Zinssatz in der Währung des Basiswerts.

Für die Wertpapiere ist der ICE CHF Spot Next LIBOR der maßgebliche Referenzzinssatz. Der ICE CHF Spot Next LIBOR gehört zu den LIBOR-Sätzen, die von der Bekanntmachung der FCA vom 5. März 2021 betroffen sind und dessen Veröffentlichung unmittelbar nach dem 31. Dezember 2021 eingestellt wird. Die Berechnungsstelle hat daher gemäß (i) § 3(9) der Allgemeinen Bedingungen im Basisprospekt vom 10. Februar 2021 oder (ii) § 3(8) der

Allgemeinen Bedingungen im Basisprospekt vom 8. Juli 2020 oder (iii) § 8(5) der Allgemeinen Bedingungen im Basisprospekt vom 16. Juli 2019 und im Basisprospekt vom 26. September 2018 festgelegt, dass der ICE CHF Spot Next LIBOR mit Wirkung zum 1. Januar 2022 durch den Swiss Average Rate Overnight (SARON), der von der Europäischen Zentralbank bereitgestellt wird, als neuen Referenzzinssatz ersetzt wird. Die entsprechende Bildschirmseite für den Swiss Average Rate Overnight (SARON) ist die Reuters Seite "SARON".

Für weitere Informationen im Hinblick auf die Ersetzung des Referenzzinssatzes sehen Sie bitte die *Häufig gestellten Fragen (FAQ) zum Übergang der LIBOR Referenzzinssätze und Auswirkungen auf Open End Turbo Optionsscheine, Mini Future Optionsscheine und Faktor-Zertifikate*, die auf den folgenden Internetseiten abrufbar sind:

www.gs.de/de/info/libor-transition

www.gsmarkets.at/de/info/libor-transition

Begriffe, die in dieser Bekanntmachung nicht definiert sind, haben die in dem maßgeblichen Basisprospekt und den entsprechenden Endgültigen Bedingungen angegebene Bedeutung.

Frankfurt, 8. Dezember 2021

Goldman Sachs Bank Europe SE

Anhang

Mini Future Optionsscheine

ISIN	ISIN	ISIN	ISIN
DE000GC3K418	DE000GH4VJM8	DE000GF74A08	DE000GH3KKE8
DE000GC3K3X8	DE000GH4VJH8	DE000GF746Z3	DE000GH3KKB4
DE000GC3K3S8	DE000GH4VJF2	DE000GF6L3C1	DE000GH3KKA6
DE000GC3K3N9	DE000GH4VJE5	DE000GF6L2X9	DE000GH3KK99
DE000GC3K3B4	DE000GH4VJD7	DE000GF61CT9	DE000GH31WK5
DE000GC3K376	DE000GH4VJA3	DE000GF61CS1	DE000GH31VB6
DE000GC3K2V4	DE000GH4BLE3	DE000GF5J636	DE000GH31EX6
DE000GC3K0F1	DE000GH4BL98	DE000GF5J388	DE000GH31EU2
DE000GC3K0E4	DE000GH4BL80	DE000GF5J370	DE000GH2XXC0
DE000GC3JZU9	DE000GH4BKX5	DE000GF5J321	DE000GH2XWQ2
DE000GC3JZA1	DE000GH4BKQ9	DE000GF47C42	DE000GH2P2X5
DE000GF55KK3	DE000GH4BKH8	DE000GF47C26	DE000GH2XWR0
DE000GF4KGB2	DE000GH4BKE5	DE000GF47BB8	DE000GH5CD05
DE000GF4KGA4	DE000GH4BK65	DE000GF47A28	DE000GH5CCY5
DE000GF3A0H2	DE000GH4BJZ2	DE000GF479Y4	DE000GH5CCR9
DE000GH47CC0	DE000GC3K004	DE000GF479Q0	DE000GH5CC55
DE000GH47CB2	DE000GF8DHH3	DE000GF479L1	DE000GH5CC30
DE000GH47C81	DE000GH47BY6	DE000GF479E6	DE000GH5CC14
DE000GH47C24	DE000GH448R1	DE000GF479D8	DE000GH5CC06
DE000GH47C08	DE000GH421Q0	DE000GF47FW5	DE000GH5CBZ4
DE000GH47BZ3	DE000GH423S2	DE000GF47CP6	DE000GH5CBX9
DE000GH47BS8	DE000GH4BKL0	DE000GF47CB6	DE000GH5CBW1
DE000GH44940	DE000GH5CBY7	DE000GF47C83	DE000GH5CBV3
DE000GH44908	DE000GH5CCU3	DE000GF47C75	DE000GH5CBU5
DE000GH448X9	DE000GH1DAP4	DE000GF47C67	DE000GH5CBT7
DE000GH448W1	DE000GH1AP15	DE000GF47C59	DE000GH5CBR1
DE000GH448V3	DE000GH0UQ60	DE000GF47FV7	DE000GH5CBQ3
DE000GH448U5	DE000GH0SC29	DE000GF47F72	DE000GH5CBP5
DE000GH422B0	DE000GH0CZY7	DE000GF47F23	DE000GH5CBM2
DE000GH3ZAQ1	DE000GH096P2	DE000GF47EV0	DE000GH5CBK6
DE000GH3ZAL2	DE000GH09463	DE000GF47EU2	DE000GH5CB23
DE000GH3Z9K4	DE000GF9WSA3	DE000GF47ER8	DE000GH5CB15
DE000GH3U362	DE000GF9RLW2	DE000GH3KMK1	DE000GH3KKC2
DE000GH3U347	DE000GF9RLS0	DE000GH3KLA4	DE000GF746W0
DE000GH3U2Z2	DE000GF9RL65	DE000GH3KKZ3	DE000GF6L242
DE000GH4VKR5	DE000GF9RL16	DE000GH3KKU4	DE000GF61CR3
DE000GH4VKP9	DE000GF9RL08	DE000GH3KKT6	DE000GF47C91
DE000GH4VJS5	DE000GF74AD0	DE000GH3KKS8	DE000GF47B92
DE000GH4VJR7	DE000GF74AC2	DE000GH3KKG3	

Open End Turbo Optionsscheine

ISIN	ISIN	ISIN	ISIN
DE000GA8DHT3	DE000GH1KJQ8	DE000GH39X29	DE000GC4S8S8
DE000GA8DHM8	DE000GH1KJC8	DE000GH39X11	DE000GC4RDA9
DE000GC951W9	DE000GH1KPQ5	DE000GH39X03	DE000GC4H1S6
DE000GC951H0	DE000GH1KPB7	DE000GH39WY9	DE000GC4EBH6
DE000GC8MC44	DE000GH1HA80	DE000GH39WW3	DE000GC4E2F4
DE000GC8MF41	DE000GH1HA64	DE000GH34610	DE000GH39WZ6
DE000GC8MAS9	DE000GH1HA56	DE000GH34602	DE000GC4B1T0
DE000GC8DJZ4	DE000GH1HA49	DE000GH306E9	DE000GC33X46
DE000GC8DJY7	DE000GH1GJQ6	DE000GH2UZH0	DE000GC33WZ0
DE000GC8DJX9	DE000GH1GHF3	DE000GH2UZF4	DE000GC33X53
DE000GC8DJW1	DE000GH1GHD8	DE000GH2UZE7	DE000GC3T5T2
DE000GC8DJU5	DE000GH0YCI1	DE000GH2PRK1	DE000GC3FA81
DE000GC8DJT7	DE000GH0YCH5	DE000GH2PRJ3	DE000GB0Q263
DE000GC8DJS9	DE000GH0YCG7	DE000GH2JXV9	DE000GB0Q0W5
DE000GC8B0G5	DE000GH0YCF9	DE000GH27FJ0	DE000GC29YM2
DE000GC8B0D2	DE000GH0YCD4	DE000GH27FC5	DE000GC29YH2
DE000GC8B0C4	DE000GH09L45	DE000GH27ES4	DE000GC29YD1
DE000GC8B0B6	DE000GH09K20	DE000GH27EQ8	DE000GB06MX4
DE000GC83QV6	DE000GF9K6J7	DE000GH27EN5	DE000GB0JE62
DE000GC83QU8	DE000GF9K6D0	DE000GH27EM7	DE000GB0F8Q3
DE000GC83QT0	DE000GF9K594	DE000GH27EL9	DE000GA9VAG5
DE000GC83QS2	DE000GF9K560	DE000GH27EK1	DE000GC2BKU0
DE000GC83QN3	DE000GF9K545	DE000GH2V3A3	DE000GA9P7X2
DE000GB47938	DE000GF9K537	DE000GH27EJ3	DE000GA9P978
DE000GC7B608	DE000GF8HTB2	DE000GH27EH7	DE000GA9P952
DE000GC7BDL3	DE000GF8HRU6	DE000GH27EG9	DE000GA9P7W4
DE000GC73TL2	DE000GF8HRS0	DE000GH27EE4	DE000GA9P7Y0
DE000GC73TK4	DE000GF8HRR2	DE000GH27EC8	DE000GA9P986
DE000GB37616	DE000GF8HRQ4	DE000GH27EB0	DE000GC11VV7
DE000GC5UK39	DE000GF8HRN1	DE000GH27E91	DE000GC1VUF0
DE000GC5UAP4	DE000GF8HRM3	DE000GH27DK3	DE000GC1T819
DE000GC5UAE8	DE000GF8HRK7	DE000GH27DH9	DE000GA96JP9
DE000GC5UAD0	DE000GF8HRJ9	DE000GH1ZQR9	DE000GA962S6
DE000GC5UAB4	DE000GF86AG7	DE000GH1ZQM0	DE000GC1E076
DE000GC5UB89	DE000GF86AF9	DE000GH1ZU19	DE000GC06U42
DE000GC5UB71	DE000GF8AL40	DE000GH1WFC1	DE000GC06U26
DE000GC5UAY6	DE000GF8AKV4	DE000GH1TWJ7	DE000GC06U67
DE000GC5UMW5	DE000GF7Z2F9	DE000GH1TWH1	DE000GH1KMW0
DE000GC5UMT1	DE000GH1ZQW9	DE000GH5GWD8	DE000GH1KMY6
DE000GC5UMR5	DE000GF71J85	DE000GH5GVC2	DE000GH1HA23
DE000GC5LHH5	DE000GF71HN0	DE000GH5GVA6	DE000GH1HA31
DE000GC5LHF9	DE000GF71HG4	DE000GH5GV90	DE000GH1HA72
DE000GH5A2T7	DE000GH27ER6	DE000GH5GUV4	DE000GH1GHC0

DE000GC5LHD4	DE000GF5SC36	DE000GH5GUT8	DE000GH18J71
DE000GH5A2W1	DE000GF5SC10	DE000GH5GUR2	DE000GH0YCE2
DE000GC47NG9	DE000GF5SBZ2	DE000GH5GUN1	DE000GH0YDW2
DE000GH5GV58	DE000GF5RXW5	DE000GH2ZYL4	DE000GH0KT36
DE000GC4RMN3	DE000GF5RXD5	DE000GH306C3	DE000GF9K586
DE000GC4RML7	DE000GF5F7U3	DE000GH4XTH3	DE000GH3KW53
DE000GH5GUS0	DE000GF52XU2	DE000GH4XTE0	DE000GF8R4X7
DE000GC4RMJ1	DE000GF52XT4	DE000GH4XST0	DE000GF8HSK5
DE000GH5GVE8	DE000GF4ZNY8	DE000GH4XSQ6	DE000GF86AM5
DE000GC4S8U4	DE000GF4ZNW2	DE000GH4XSM5	DE000GF7Z4J7
DE000GC4H0F5	DE000GF4GZL9	DE000GH4XSL7	DE000GF71EJ5
DE000GC4H0E8	DE000GF46DJ9	DE000GH4XSK9	DE000GF71HF6
DE000GC4H016	DE000GF3Q0S1	DE000GH4XSJ1	DE000GF71HS9
DE000GC4H008	DE000GF3J3B0	DE000GA8TKE5	DE000GF5YMH5
DE000GC4GZX7	DE000GF3J383	DE000GC8MAA7	DE000GF5RXG8
DE000GC4H214	DE000GF28PB8	DE000GC8MAB5	DE000GF5RXV7
DE000GC38JD3	DE000GF2EG72	DE000GC8MA95	DE000GF5RXE3
DE000GC38J80	DE000GH2JXY3	DE000GC8DNZ6	DE000GF5SBY5
DE000GC34710	DE000GF0B5F7	DE000GC8DNV5	DE000GF5SC28
DE000GC346V4	DE000GF0B5E0	DE000GC8DQ56	DE000GF5SC02
DE000GC3FAX4	DE000GF0B5D2	DE000GC8B093	DE000GF5F7V1
DE000GC3FAH7	DE000GF0B5C4	DE000GC8B1H1	DE000GF53838
DE000GC3FAB0	DE000GF0B5B6	DE000GC8B1F5	DE000GF4WYM7
DE000GB0TPZ5	DE000GC9X2R1	DE000GC7BDF5	DE000GF46DE0
DE000GB0Q289	DE000GH2JXX5	DE000GC7B5V4	DE000GF3J391
DE000GB0Q0Y1	DE000GC9U232	DE000GC7B5U6	DE000GF3DBR6
DE000GC20ZS5	DE000GC9KX81	DE000GC73T50	DE000GF3DBQ8
DE000GC2UAP1	DE000GC9KZ30	DE000GH34933	DE000GF3DBS4
DE000GA9UPP6	DE000GH3X9J8	DE000GC5RJS5	DE000GC9X0D5
DE000GA9UP34	DE000GH3X077	DE000GC5RKP9	DE000GC9U257
DE000GC1Z2S5	DE000GH3KXH4	DE000GC5KWE3	DE000GC9U224
DE000GC121R9	DE000GH3KX45	DE000GC5KWA1	DE000GC9U240
DE000GC1VWB5	DE000GH3KWQ7	DE000GC5KWC7	DE000GC9KL93
DE000GC1VW04	DE000GH3KVY3	DE000GC47ND6	DE000GC9KL44
DE000GC06N90	DE000GH3KUZ2	DE000GC41X79	DE000GC9KL51
DE000GB866K5	DE000GH3KUR9	DE000GC41X46	DE000GH3X9K6
DE000GB63GC1	DE000GH3H7C7	DE000GC4S3Y7	DE000GH3X9E9
DE000GB5ZX07	DE000GH39X45	DE000GC4S419	DE000GH3X9L4
DE000GH1KL41	DE000GH39X37	DE000GC4S401	

Faktor Zertifikate

ISIN	ISIN	ISIN	ISIN
DE000GC7HUQ3	DE000GB23H49	DE000GF77W17	DE000GH5NER2
DE000GC7HUN0	DE000GB23RF5	DE000GF77W09	DE000GH5NDV6

ISIN	ISIN	ISIN	ISIN
DE000GC7HUM2	DE000GB234X9	DE000GF77TU7	DE000GH5NDA0
DE000GC7HUH2	DE000GC4Y4G4	DE000GF77GH1	DE000GH5ND44
DE000GC7HUG4	DE000GC4Y5E6	DE000GF77GE8	DE000GH5ND28
DE000GC7HUF6	DE000GC4Y5D8	DE000GF72TZ7	DE000GH5H372
DE000GC7HU32	DE000GC4Y532	DE000GF72TV6	DE000GH5EQ40
DE000GC3GX18	DE000GC4Y1E5	DE000GF72TU8	DE000GH5A823
DE000GC3GWY4	DE000GB1Y0Y0	DE000GH26RC2	DE000GH565G5
DE000GC3GWX6	DE000GB1YY84	DE000GF72TS2	DE000GH56407
DE000GC3GWW8	DE000GB1Y0M5	DE000GF6ZAN3	DE000GH562J6
DE000GC3GWW0	DE000GB1Y0W4	DE000GF6ZAG7	DE000GH51S11
DE000GC3GWT4	DE000GB1Y117	DE000GF6ZAF9	DE000GH4YKR9
DE000GC3GWS6	DE000GB16B10	DE000GF6ZAE2	DE000GH4W3Z7
DE000GC3GWR8	DE000GC24QY4	DE000GF6ZBR2	DE000GH4W4S0
DE000GC3GWQ0	DE000GC11RD3	DE000GF6RRV7	DE000GH4W6J4
DE000GC3GWP2	DE000GC11RC5	DE000GF6RRU9	DE000GH4SXB8
DE000GC3GWN7	DE000GC11MW4	DE000GF6P276	DE000GH4SYD2
DE000GF55JC2	DE000GH5NEE0	DE000GF6P268	DE000GH4T0G8
DE000GC7HUL4	DE000GC01ES0	DE000GF6P250	DE000GH4QCZ5
DE000GC7HU40	DE000GC01EP6	DE000GF6P243	DE000GH4MG50
DE000GC7HUB5	DE000GC9B5R0	DE000GF6P219	DE000GH4K718
DE000GC3GWZ1	DE000GC9B5P4	DE000GF6P201	DE000GH4K965
DE000GH2FL21	DE000GC9B5N9	DE000GF6P1Z2	DE000GH4G3Q6
DE000GC94C62	DE000GH1NS41	DE000GF6P1Y5	DE000GH4G4M3
DE000GC94C05	DE000GH1K7J9	DE000GF6AL34	DE000GH4CQW2
DE000GC94BZ6	DE000GH1BJL8	DE000GF5VM62	DE000GC88M50
DE000GC94BY9	DE000GH18Q98	DE000GF5SLZ1	DE000GC88MC4
DE000GC94BX1	DE000GH15VG8	DE000GH26RF5	DE000GC7NK77
DE000GC88M68	DE000GH13X37	DE000GF5SLY4	DE000GC74U49
DE000GC88M43	DE000GH13YF9	DE000GF5SLX6	DE000GC6ZUT1
DE000GC88M35	DE000GH13W79	DE000GF5T1D6	DE000GC6ZT18
DE000GC88M27	DE000GH10TX8	DE000GF5G4D5	DE000GC6ZT00
DE000GC7NJD2	DE000GH10VJ3	DE000GF566F7	DE000GC6ZZ10
DE000GC7NKG3	DE000GH0VFK8	DE000GF566E0	DE000GC70169
DE000GC7NKF5	DE000GH0NEZ6	DE000GF502N6	DE000GC6ZT26
DE000GC74UH6	DE000GH0KYB1	DE000GF4UJW1	DE000GC6ZYZ0
DE000GC74UG8	DE000GH0JEY7	DE000GF4UJV3	DE000GC64386
DE000GC74U80	DE000GH0JD60	DE000GF4S689	DE000GB2ZHQ4
DE000GC70201	DE000GH0JD37	DE000GF4PCM7	DE000GB2ZHD2
DE000GC6ZYE5	DE000GH0DA44	DE000GF4L8B4	DE000GB2ZJ16
DE000GC6ZYD7	DE000GH0DA10	DE000GF4FK32	DE000GB2ZFP0
DE000GC6ZY60	DE000GH0DA02	DE000GF4FMS4	DE000GB28V87
DE000GC6ZY52	DE000GH03YW5	DE000GF4C6H6	DE000GB28XK2
DE000GC6ZY45	DE000GF9R698	DE000GH2CYC2	DE000GC5BFT5
DE000GC6ZV48	DE000GF9R3A6	DE000GF3ZWM6	DE000GC5BFU3
DE000GC6ZV30	DE000GF9JGH0	DE000GF3ZWE3	DE000GB22WK7

ISIN	ISIN	ISIN	ISIN
DE000GC6ZUW5	DE000GF9JG13	DE000GF3ZWD5	DE000GB23418
DE000GC6ZUV7	DE000GF9JFZ4	DE000GF409W5	DE000GB231G0
DE000GC6ZUU9	DE000GF9JFU5	DE000GF409U9	DE000GB231U1
DE000GC6ZNC2	DE000GF9JFT7	DE000GF3TCW0	DE000GB232P9
DE000GC6ZNB4	DE000GF9J7N0	DE000GF36G17	DE000GB235N7
DE000GC6ZNA6	DE000GF9J7A7	DE000GF2UMX7	DE000GB235F3
DE000GC6ZN97	DE000GF9J778	DE000GF2UMS7	DE000GB22R06
DE000GC701J5	DE000GF9J6W3	DE000GF2HP29	DE000GB22NZ4
DE000GC701H9	DE000GF9J6U7	DE000GF2HNW4	DE000GB22ZS3
DE000GC701G1	DE000GF9J6P7	DE000GF22Y03	DE000GC4XSV1
DE000GC701F3	DE000GF9J6J0	DE000GF22TX7	DE000GC4Y557
DE000GC701A4	DE000GF9J687	DE000GF22TW9	DE000GH37AB7
DE000GC70193	DE000GF9J5Y1	DE000GF2ARP4	DE000GB1Y0U8
DE000GC70185	DE000GF9J5X3	DE000GF2ARN9	DE000GB16BA4
DE000GC70177	DE000GF9J4Y4	DE000GF2ARM1	DE000GC24QX6
DE000GC70128	DE000GF9J4X6	DE000GF1Z144	DE000GC1YCR7
DE000GC70110	DE000GF9J4S6	DE000GF1Z748	DE000GC11FF3
DE000GC700U4	DE000GF9J4K3	DE000GF1Z714	DE000GC11FG1
DE000GC700T6	DE000GF9J4F3	DE000GF1VLX9	DE000GC01HT1
DE000GC700S8	DE000GF9JGA5	DE000GF1VPJ9	DE000GC01RT0
DE000GC6ZP87	DE000GF9A785	DE000GF1QE30	DE000GC0N0N5
DE000GC6ZP79	DE000GF98N47	DE000GF1QDW8	DE000GC0N5J2
DE000GC6ZP61	DE000GF98KP2	DE000GC9WAZ1	DE000GC9B4E1
DE000GC6ZP53	DE000GF93FE7	DE000GC9WAY4	DE000GH15V52
DE000GC6ZP46	DE000GF91D53	DE000GC9WAT4	DE000GH0JCW5
DE000GC6ZP04	DE000GF8YWJ4	DE000GC9WAS6	DE000GH0DAD2
DE000GC6ZNZ3	DE000GF8YWH8	DE000GH47HN6	DE000GF9JFR1
DE000GC6ZNY6	DE000GF8Y324	DE000GH42BX9	DE000GF9JFQ3
DE000GC6ZNX8	DE000GF8VSB5	DE000GH3ZLA2	DE000GF9JFX9
DE000GC6ZNV2	DE000GF8VS71	DE000GH3XNT3	DE000GF98KM9
DE000GC6ZZA0	DE000GF8TRH8	DE000GH3V055	DE000GF98MR4
DE000GB3QA98	DE000GF8TRG0	DE000GH3UZY3	DE000GF96QW9
DE000GH584X1	DE000GF8LX84	DE000GH3UZX5	DE000GF8V8S9
DE000GC5QHA9	DE000GF8LLP1	DE000GH3SGQ3	DE000GF8VJZ3
DE000GC5QH97	DE000GF84Q81	DE000GH3H8B7	DE000GF84QC7
DE000GC5QH14	DE000GF84Q73	DE000GH3CYK3	DE000GF84Q08
DE000GC5QH06	DE000GF84Q65	DE000GH3CZ92	DE000GF84QD5
DE000GC5QGZ8	DE000GF84Q16	DE000GH3CWC4	DE000GF84QA1
DE000GC5QGX3	DE000GF84PZ0	DE000GH3CZD5	DE000GF7YM34
DE000GC5K3F3	DE000GF84PY3	DE000GH3CYX6	DE000GF7K6F7
DE000GC5K3E6	DE000GF84PX5	DE000GH2T1R5	DE000GF7DXS9
DE000GC5K3D8	DE000GF84QL8	DE000GH3AUE8	DE000GF7DX77
DE000GC5K3C0	DE000GF84QK0	DE000GH2Y689	DE000GF7DX69
DE000GB29449	DE000GF84QJ2	DE000GH2VMM6	DE000GF7DYK4
DE000GB28HK5	DE000GF84QH6	DE000GH2VKR9	DE000GF7A4H0

ISIN	ISIN	ISIN	ISIN
DE000GB28P93	DE000GF84QG8	DE000GH2T5W6	DE000GF77GC2
DE000GB28XG0	DE000GF84QB9	DE000GH2T7M3	DE000GF77GD0
DE000GC5BDZ7	DE000GF7YJX4	DE000GH2T6D4	DE000GF72TT0
DE000GC5BG46	DE000GF7YC69	DE000GH2CYB4	DE000GF5ZH32
DE000GC5BHF0	DE000GF7YFA0	DE000GH2CXX0	DE000GF5SX49
DE000GC5BHE3	DE000GF7V9P7	DE000GH26NW9	DE000GF5SX31
DE000GC5BH78	DE000GF7V9J0	DE000GH26RQ2	DE000GF5T1C8
DE000GC5BH60	DE000GF7QUC1	DE000GH26RD0	DE000GF4UJ93
DE000GC5BH52	DE000GF7QUB3	DE000GH23QM0	DE000GF4UJA7
DE000GC5BDU8	DE000GF7GEG7	DE000GH23PR1	DE000GF4FK16
DE000GC5BDT0	DE000GF7GEF9	DE000GH20TB3	DE000GF40A17
DE000GC5B4E5	DE000GF7DXT7	DE000GH1UER6	DE000GF409V7
DE000GB238Z5	DE000GF7DYM0	DE000GH5R2U6	DE000GF409X3
DE000GB23BK9	DE000GF7A151	DE000GH5NFJ6	DE000GF3TCR0
DE000GB235B2	DE000GF7A4M0	DE000GH5NFD9	DE000GF1VPK7
DE000GB23RZ3	DE000GF77W66	DE000GH5NF75	DE000GF1TW84
DE000GB23NC1	DE000GF77W25	DE000GH5NEZ5	DE000GH47HW7

Announcement relating to the following

- Adjustment -

**Mini Future Warrants, Open End Turbo Warrants and Factor Certificates
of Goldman Sachs Bank Europe SE**

linked to

Foreign Exchange Rates

(EUR/CHF (WM Company FX-Fixing))

Shares

(ABB Ltd; Adecco Group AG; ams AG; Barry Callebaut AG; Compagnie Financiere Rlichemont SA; Credit Suisse Group AG; Geberit AG; Givaudan SA; Holcim Ltd; Julius Baer Group Ltd; Lonza Group AG; Nestlé S.A.; Novartis AG; Partners Group Holding AG; Roche Holding AG; Schindler Holding AG; SGS SA; Sika AG; Sonova Holding AG; Straumann Holding AG; Swiss Life Holding AG; Swiss Re AG; Swisscom AG; Temenos Group AG; The Swatch Group AG; UBS Group AG and Zurich Insurance Group AG)

**Replacement of ICE CHF Spot Next LIBOR by the
Swiss Average Rate Overnight (SARON) as Reference Rate**

On 5 March 2021 the UK Financial Conduct Authority ("FCA") has published an announcement on future cessation and loss of representativeness of certain LIBOR interest rates. Pursuant to the announcement all 7 euro LIBOR settings, all 7 Swiss franc LIBOR settings, the Spot Next, 1-week, 2-month and 12-month Japanese yen LIBOR settings, the overnight, 1-week, 2-month and 12-month sterling LIBOR settings, and the 1-week and 2-month US dollar LIBOR settings will cease immediately after 31 December 2021. The publication of the overnight and 12-month US dollar LIBOR settings will cease immediately after 30 June 2023. Regulatory authorities and central banks are strongly encouraging the transition away from LIBORs and have identified "risk-free rates" (RFRs) to replace LIBORs as primary benchmarks.

The replacement of LIBOR rates by RFRs is relevant for the Mini Future Warrants, Open End Turbo Warrants and Factor Certificates specified in the Annex of this announcement (the "**Securities**") for which Goldman Sachs Bank Europe SE ("**GSBE**") acts as Issuer (and which have been initially issued by Goldman, Sachs & Co. Wertpapier GmbH) as these Securities use the ICE CHF Spot Next LIBOR in connection with the regular adjustment of the Securities on each Adjustment Date.

In the course of the regular adjustment of the Securities, the Financing Rate of the respective Securities is taken into account, which consists of an Interest Margin and a Reference Rate specified in the relevant Final Terms and which is determined by GSBE as Calculation Agent. The Reference Rate is a spot next interest rate in the currency of the Underlying.

For the Securities the applicable Reference Rate is the ICE CHF Spot Next LIBOR. The ICE CHF Spot Next LIBOR belongs to the LIBOR rates affected by the FCA announcement dated 5 March 2021 and, thus, the publication will cease immediately after 31 December 2021. The Calculation Agent has therefore determined in accordance with (i) Section 3(9) of the General Conditions in the base prospectus dated 10 February 2021 or (ii) Section 3(8) of the General Conditions in the base prospectus dated 8 July 2020 or (iii) Section 8(5) of the General Conditions in the base prospectus dated 16 July 2019 and in the base prospectus dated 26 September 2018 that the ICE CHF Spot Next LIBOR will be replaced with effect from 1

January 2022 by the Swiss Average Rate Overnight (SARON) provided by the European Central Bank as new Reference Rate. The relevant Reference Rate Screen Page for the Swiss Average Rate Overnight (SARON) is Reuters page "SARON".

For further information with regard to the replacement of the Reference Rate, please see the *Frequently Asked Questions (FAQ) on the transition of LIBOR interest rates and impacts for Open End Turbo Warrants, Mini Future Warrants and Factor Certificates*, which are available on the following websites:

www.gs.de/en/services/libor-transition

www.gsmarkets.at/en/services/libor-transition

Terms not defined in this announcement shall have the meaning given to them in the applicable Base Prospectus and the relevant Final Terms.

Frankfurt, 8 December 2021

Goldman Sachs Bank Europe SE

Annex

Mini Future Warrants

ISIN	ISIN	ISIN	ISIN
DE000GC3K418	DE000GH4VJM8	DE000GF74A08	DE000GH3KKE8
DE000GC3K3X8	DE000GH4VJH8	DE000GF746Z3	DE000GH3KKB4
DE000GC3K3S8	DE000GH4VJF2	DE000GF6L3C1	DE000GH3KKA6
DE000GC3K3N9	DE000GH4VJE5	DE000GF6L2X9	DE000GH3KK99
DE000GC3K3B4	DE000GH4VJD7	DE000GF61CT9	DE000GH31WK5
DE000GC3K376	DE000GH4VJA3	DE000GF61CS1	DE000GH31VB6
DE000GC3K2V4	DE000GH4BLE3	DE000GF5J636	DE000GH31EX6
DE000GC3K0F1	DE000GH4BL98	DE000GF5J388	DE000GH31EU2
DE000GC3K0E4	DE000GH4BL80	DE000GF5J370	DE000GH2XXC0
DE000GC3JZU9	DE000GH4BKX5	DE000GF5J321	DE000GH2XWQ2
DE000GC3JZA1	DE000GH4BKQ9	DE000GF47C42	DE000GH2P2X5
DE000GF55KK3	DE000GH4BKH8	DE000GF47C26	DE000GH2XWR0
DE000GF4KGB2	DE000GH4BKE5	DE000GF47BB8	DE000GH5CD05
DE000GF4KGA4	DE000GH4BK65	DE000GF47A28	DE000GH5CCY5
DE000GF3A0H2	DE000GH4BJZ2	DE000GF479Y4	DE000GH5CCR9
DE000GH47CC0	DE000GC3K004	DE000GF479Q0	DE000GH5CC55
DE000GH47CB2	DE000GF8DHH3	DE000GF479L1	DE000GH5CC30
DE000GH47C81	DE000GH47BY6	DE000GF479E6	DE000GH5CC14
DE000GH47C24	DE000GH448R1	DE000GF479D8	DE000GH5CC06
DE000GH47C08	DE000GH421Q0	DE000GF47FW5	DE000GH5CBZ4
DE000GH47BZ3	DE000GH423S2	DE000GF47CP6	DE000GH5CBX9
DE000GH47BS8	DE000GH4BKL0	DE000GF47CB6	DE000GH5CBW1
DE000GH44940	DE000GH5C BY7	DE000GF47C83	DE000GH5CBV3
DE000GH44908	DE000GH5CCU3	DE000GF47C75	DE000GH5CBU5
DE000GH448X9	DE000GH1DAP4	DE000GF47C67	DE000GH5CBT7
DE000GH448W1	DE000GH1AP15	DE000GF47C59	DE000GH5CBR1
DE000GH448V3	DE000GH0UQ60	DE000GF47FV7	DE000GH5CBQ3
DE000GH448U5	DE000GH0SC29	DE000GF47F72	DE000GH5CBP5
DE000GH422B0	DE000GH0CZY7	DE000GF47F23	DE000GH5CBM2
DE000GH3ZAQ1	DE000GH096P2	DE000GF47EV0	DE000GH5CBK6
DE000GH3ZAL2	DE000GH09463	DE000GF47EU2	DE000GH5CB23
DE000GH3Z9K4	DE000GF9WSA3	DE000GF47ER8	DE000GH5CB15
DE000GH3U362	DE000GF9RLW2	DE000GH3KMK1	DE000GH3KKC2
DE000GH3U347	DE000GF9RLS0	DE000GH3KLA4	DE000GF746W0
DE000GH3U2Z2	DE000GF9RL65	DE000GH3KKZ3	DE000GF6L242
DE000GH4VKR5	DE000GF9RL16	DE000GH3KKU4	DE000GF61CR3
DE000GH4VKP9	DE000GF9RL08	DE000GH3KKT6	DE000GF47C91
DE000GH4VJS5	DE000GF74AD0	DE000GH3KKS8	DE000GF47B92
DE000GH4VJR7	DE000GF74AC2	DE000GH3KKG3	

Open End Turbo Warrants

ISIN	ISIN	ISIN	ISIN
DE000GA8DHT3	DE000GH1KJQ8	DE000GH39X29	DE000GC4S8S8
DE000GA8DHM8	DE000GH1KJC8	DE000GH39X11	DE000GC4RDA9
DE000GC951W9	DE000GH1KPQ5	DE000GH39X03	DE000GC4H1S6
DE000GC951H0	DE000GH1KPB7	DE000GH39WY9	DE000GC4EBH6
DE000GC8MC44	DE000GH1HA80	DE000GH39WW3	DE000GC4E2F4
DE000GC8MF41	DE000GH1HA64	DE000GH34610	DE000GH39WZ6
DE000GC8MAS9	DE000GH1HA56	DE000GH34602	DE000GC4B1T0
DE000GC8DJZ4	DE000GH1HA49	DE000GH306E9	DE000GC33X46
DE000GC8DJY7	DE000GH1GJQ6	DE000GH2UZH0	DE000GC33WZ0
DE000GC8DJX9	DE000GH1GHF3	DE000GH2UZF4	DE000GC33X53
DE000GC8DJW1	DE000GH1GHD8	DE000GH2UZE7	DE000GC3T5T2
DE000GC8DJU5	DE000GH0YCI1	DE000GH2PRK1	DE000GC3FA81
DE000GC8DJT7	DE000GH0YCH5	DE000GH2PRJ3	DE000GB0Q263
DE000GC8DJS9	DE000GH0YCG7	DE000GH2JXV9	DE000GB0Q0W5
DE000GC8B0G5	DE000GH0YCF9	DE000GH27FJ0	DE000GC29YM2
DE000GC8B0D2	DE000GH0YCD4	DE000GH27FC5	DE000GC29YH2
DE000GC8B0C4	DE000GH09L45	DE000GH27ES4	DE000GC29YD1
DE000GC8B0B6	DE000GH09K20	DE000GH27EQ8	DE000GB06MX4
DE000GC83QV6	DE000GF9K6J7	DE000GH27EN5	DE000GB0JE62
DE000GC83QU8	DE000GF9K6D0	DE000GH27EM7	DE000GB0F8Q3
DE000GC83QT0	DE000GF9K594	DE000GH27EL9	DE000GA9VAG5
DE000GC83QS2	DE000GF9K560	DE000GH27EK1	DE000GC2BKU0
DE000GC83QN3	DE000GF9K545	DE000GH2V3A3	DE000GA9P7X2
DE000GB47938	DE000GF9K537	DE000GH27EJ3	DE000GA9P978
DE000GC7B608	DE000GF8HTB2	DE000GH27EH7	DE000GA9P952
DE000GC7BDL3	DE000GF8HRU6	DE000GH27EG9	DE000GA9P7W4
DE000GC73TL2	DE000GF8HRS0	DE000GH27EE4	DE000GA9P7Y0
DE000GC73TK4	DE000GF8HRR2	DE000GH27EC8	DE000GA9P986
DE000GB37616	DE000GF8HRQ4	DE000GH27EB0	DE000GC11VV7
DE000GC5UK39	DE000GF8HRN1	DE000GH27E91	DE000GC1VUF0
DE000GC5UAP4	DE000GF8HRM3	DE000GH27DK3	DE000GC1T819
DE000GC5UAE8	DE000GF8HRK7	DE000GH27DH9	DE000GA96JP9
DE000GC5UAD0	DE000GF8HRJ9	DE000GH1ZQR9	DE000GA962S6
DE000GC5UAB4	DE000GF86AG7	DE000GH1ZQM0	DE000GC1E076
DE000GC5UB89	DE000GF86AF9	DE000GH1ZU19	DE000GC06U42
DE000GC5UB71	DE000GF8AL40	DE000GH1WFC1	DE000GC06U26
DE000GC5UAY6	DE000GF8AKV4	DE000GH1TWJ7	DE000GC06U67
DE000GC5UMW5	DE000GF7Z2F9	DE000GH1TWH1	DE000GH1KMW0
DE000GC5UMT1	DE000GH1ZQW9	DE000GH5GWD8	DE000GH1KMY6
DE000GC5UMR5	DE000GF71J85	DE000GH5GVC2	DE000GH1HA23
DE000GC5LHH5	DE000GF71HN0	DE000GH5GVA6	DE000GH1HA31
DE000GC5LHF9	DE000GF71HG4	DE000GH5GV90	DE000GH1HA72
DE000GH5A2T7	DE000GH27ER6	DE000GH5GUV4	DE000GH1GHC0

ISIN	ISIN	ISIN	ISIN
DE000GC5LHD4	DE000GF5SC36	DE000GH5GUT8	DE000GH18J71
DE000GH5A2W1	DE000GF5SC10	DE000GH5GUR2	DE000GH0YCE2
DE000GC47NG9	DE000GF5SBZ2	DE000GH5GUN1	DE000GH0YDW2
DE000GH5GV58	DE000GF5RXW5	DE000GH2ZYL4	DE000GH0KT36
DE000GC4RMN3	DE000GF5RXD5	DE000GH306C3	DE000GF9K586
DE000GC4RML7	DE000GF5F7U3	DE000GH4XTH3	DE000GH3KW53
DE000GH5GUS0	DE000GF52XU2	DE000GH4XTE0	DE000GF8R4X7
DE000GC4RMJ1	DE000GF52XT4	DE000GH4XST0	DE000GF8HSK5
DE000GH5GVE8	DE000GF4ZNY8	DE000GH4XSQ6	DE000GF86AM5
DE000GC4S8U4	DE000GF4ZNW2	DE000GH4XSM5	DE000GF7Z4J7
DE000GC4H0F5	DE000GF4GZL9	DE000GH4XSL7	DE000GF71EJ5
DE000GC4H0E8	DE000GF46DJ9	DE000GH4XSK9	DE000GF71HF6
DE000GC4H016	DE000GF3Q0S1	DE000GH4XSJ1	DE000GF71HS9
DE000GC4H008	DE000GF3J3B0	DE000GA8TKE5	DE000GF5YMH5
DE000GC4GZX7	DE000GF3J383	DE000GC8MAA7	DE000GF5RXG8
DE000GC4H214	DE000GF28PB8	DE000GC8MAB5	DE000GF5RXV7
DE000GC38JD3	DE000GF2EG72	DE000GC8MA95	DE000GF5RXE3
DE000GC38J80	DE000GH2JXY3	DE000GC8DNZ6	DE000GF5SBY5
DE000GC34710	DE000GF0B5F7	DE000GC8DNV5	DE000GF5SC28
DE000GC346V4	DE000GF0B5E0	DE000GC8DQ56	DE000GF5SC02
DE000GC3FAX4	DE000GF0B5D2	DE000GC8B093	DE000GF5F7V1
DE000GC3FAH7	DE000GF0B5C4	DE000GC8B1H1	DE000GF53838
DE000GC3FAB0	DE000GF0B5B6	DE000GC8B1F5	DE000GF4WYM7
DE000GB0TPZ5	DE000GC9X2R1	DE000GC7BDF5	DE000GF46DE0
DE000GB0Q289	DE000GH2JXX5	DE000GC7B5V4	DE000GF3J391
DE000GB0Q0Y1	DE000GC9U232	DE000GC7B5U6	DE000GF3DBR6
DE000GC20ZS5	DE000GC9KX81	DE000GC73T50	DE000GF3DBQ8
DE000GC2UAP1	DE000GC9KZ30	DE000GH34933	DE000GF3DBS4
DE000GA9UPP6	DE000GH3X9J8	DE000GC5RJS5	DE000GC9X0D5
DE000GA9UP34	DE000GH3X077	DE000GC5RKP9	DE000GC9U257
DE000GC1Z2S5	DE000GH3KXH4	DE000GC5KWE3	DE000GC9U224
DE000GC121R9	DE000GH3KX45	DE000GC5KWA1	DE000GC9U240
DE000GC1VWB5	DE000GH3KWQ7	DE000GC5KWC7	DE000GC9KL93
DE000GC1VW04	DE000GH3KVY3	DE000GC47ND6	DE000GC9KL44
DE000GC06N90	DE000GH3KUZ2	DE000GC41X79	DE000GC9KL51
DE000GB866K5	DE000GH3KUR9	DE000GC41X46	DE000GH3X9K6
DE000GB63GC1	DE000GH3H7C7	DE000GC4S3Y7	DE000GH3X9E9
DE000GB5ZX07	DE000GH39X45	DE000GC4S419	DE000GH3X9L4
DE000GH1KL41	DE000GH39X37	DE000GC4S401	

Factor Certificates

ISIN	ISIN	ISIN	ISIN
DE000GC7HUQ3	DE000GB23H49	DE000GF77W17	DE000GH5NER2

ISIN	ISIN	ISIN	ISIN
DE000GC7HUN0	DE000GB23RF5	DE000GF77W09	DE000GH5NDV6
DE000GC7HUM2	DE000GB234X9	DE000GF77TU7	DE000GH5NDA0
DE000GC7HUH2	DE000GC4Y4G4	DE000GF77GH1	DE000GH5ND44
DE000GC7HUG4	DE000GC4Y5E6	DE000GF77GE8	DE000GH5ND28
DE000GC7HUF6	DE000GC4Y5D8	DE000GF72TZ7	DE000GH5H372
DE000GC7HU32	DE000GC4Y532	DE000GF72TV6	DE000GH5EQ40
DE000GC3GX18	DE000GC4Y1E5	DE000GF72TU8	DE000GH5A823
DE000GC3GWY4	DE000GB1Y0Y0	DE000GH26RC2	DE000GH565G5
DE000GC3GWX6	DE000GB1YY84	DE000GF72TS2	DE000GH56407
DE000GC3GWW8	DE000GB1Y0M5	DE000GF6ZAN3	DE000GH562J6
DE000GC3G WV0	DE000GB1Y0W4	DE000GF6ZAG7	DE000GH51S11
DE000GC3GWT4	DE000GB1Y117	DE000GF6ZAF9	DE000GH4YKR9
DE000GC3GWS6	DE000GB16B10	DE000GF6ZAE2	DE000GH4W3Z7
DE000GC3GWR8	DE000GC24QY4	DE000GF6ZBR2	DE000GH4W4S0
DE000GC3GWQ0	DE000GC11RD3	DE000GF6RRV7	DE000GH4W6J4
DE000GC3GWP2	DE000GC11RC5	DE000GF6RRU9	DE000GH4SXB8
DE000GC3GWN7	DE000GC11MW4	DE000GF6P276	DE000GH4SYD2
DE000GF55JC2	DE000GH5NEE0	DE000GF6P268	DE000GH4T0G8
DE000GC7HUL4	DE000GC01ES0	DE000GF6P250	DE000GH4QCZ5
DE000GC7HU40	DE000GC01EP6	DE000GF6P243	DE000GH4MG50
DE000GC7HUB5	DE000GC9B5R0	DE000GF6P219	DE000GH4K718
DE000GC3GWZ1	DE000GC9B5P4	DE000GF6P201	DE000GH4K965
DE000GH2FL21	DE000GC9B5N9	DE000GF6P1Z2	DE000GH4G3Q6
DE000GC94C62	DE000GH1NS41	DE000GF6P1Y5	DE000GH4G4M3
DE000GC94C05	DE000GH1K7J9	DE000GF6AL34	DE000GH4CQW2
DE000GC94BZ6	DE000GH1BJL8	DE000GF5VM62	DE000GC88M50
DE000GC94BY9	DE000GH18Q98	DE000GF5SLZ1	DE000GC88MC4
DE000GC94BX1	DE000GH15VG8	DE000GH26RF5	DE000GC7NK77
DE000GC88M68	DE000GH13X37	DE000GF5SLY4	DE000GC74U49
DE000GC88M43	DE000GH13YF9	DE000GF5SLX6	DE000GC6ZUT1
DE000GC88M35	DE000GH13W79	DE000GF5T1D6	DE000GC6ZT18
DE000GC88M27	DE000GH10TX8	DE000GF5G4D5	DE000GC6ZT00
DE000GC7NJD2	DE000GH10VJ3	DE000GF566F7	DE000GC6ZZ10
DE000GC7NKG3	DE000GH0VFK8	DE000GF566E0	DE000GC70169
DE000GC7NKF5	DE000GH0NEZ6	DE000GF502N6	DE000GC6ZT26
DE000GC74UH6	DE000GH0KYB1	DE000GF4UJW1	DE000GC6ZYZ0
DE000GC74UG8	DE000GH0JEY7	DE000GF4UJV3	DE000GC64386
DE000GC74U80	DE000GH0JD60	DE000GF4S689	DE000GB2ZHQ4
DE000GC70201	DE000GH0JD37	DE000GF4PCM7	DE000GB2ZHD2
DE000GC6ZYE5	DE000GH0DA44	DE000GF4L8B4	DE000GB2ZJ16
DE000GC6ZYD7	DE000GH0DA10	DE000GF4FK32	DE000GB2ZFP0
DE000GC6ZY60	DE000GH0DA02	DE000GF4FMS4	DE000GB28V87
DE000GC6ZY52	DE000GH03YW5	DE000GF4C6H6	DE000GB28XK2
DE000GC6ZY45	DE000GF9R698	DE000GH2CYC2	DE000GC5BFT5
DE000GC6ZV48	DE000GF9R3A6	DE000GF3ZWM6	DE000GC5BFU3

ISIN	ISIN	ISIN	ISIN
DE000GC6ZV30	DE000GF9JGH0	DE000GF3ZWE3	DE000GB22WK7
DE000GC6ZUW5	DE000GF9JG13	DE000GF3ZWD5	DE000GB23418
DE000GC6ZUV7	DE000GF9JFZ4	DE000GF409W5	DE000GB231G0
DE000GC6ZUU9	DE000GF9JFU5	DE000GF409U9	DE000GB231U1
DE000GC6ZNC2	DE000GF9JFT7	DE000GF3TCW0	DE000GB232P9
DE000GC6ZNB4	DE000GF9J7N0	DE000GF36G17	DE000GB235N7
DE000GC6ZNA6	DE000GF9J7A7	DE000GF2UMX7	DE000GB235F3
DE000GC6ZN97	DE000GF9J778	DE000GF2UMS7	DE000GB22R06
DE000GC701J5	DE000GF9J6W3	DE000GF2HP29	DE000GB22NZ4
DE000GC701H9	DE000GF9J6U7	DE000GF2HNW4	DE000GB22ZS3
DE000GC701G1	DE000GF9J6P7	DE000GF22Y03	DE000GC4XSV1
DE000GC701F3	DE000GF9J6J0	DE000GF22TX7	DE000GC4Y557
DE000GC701A4	DE000GF9J687	DE000GF22TW9	DE000GH37AB7
DE000GC70193	DE000GF9J5Y1	DE000GF2ARP4	DE000GB1Y0U8
DE000GC70185	DE000GF9J5X3	DE000GF2ARN9	DE000GB16BA4
DE000GC70177	DE000GF9J4Y4	DE000GF2ARM1	DE000GC24QX6
DE000GC70128	DE000GF9J4X6	DE000GF1Z144	DE000GC1YCR7
DE000GC70110	DE000GF9J4S6	DE000GF1Z748	DE000GC11FF3
DE000GC700U4	DE000GF9J4K3	DE000GF1Z714	DE000GC11FG1
DE000GC700T6	DE000GF9J4F3	DE000GF1VLX9	DE000GC01HT1
DE000GC700S8	DE000GF9JGA5	DE000GF1VPJ9	DE000GC01RT0
DE000GC6ZP87	DE000GF9A785	DE000GF1QE30	DE000GC0N0N5
DE000GC6ZP79	DE000GF98N47	DE000GF1QDW8	DE000GC0N5J2
DE000GC6ZP61	DE000GF98KP2	DE000GC9WAZ1	DE000GC9B4E1
DE000GC6ZP53	DE000GF93FE7	DE000GC9WAY4	DE000GH15V52
DE000GC6ZP46	DE000GF91D53	DE000GC9WAT4	DE000GH0JCW5
DE000GC6ZP04	DE000GF8YWJ4	DE000GC9WAS6	DE000GH0DAD2
DE000GC6ZNZ3	DE000GF8YWH8	DE000GH47HN6	DE000GF9JFR1
DE000GC6ZNY6	DE000GF8Y324	DE000GH42BX9	DE000GF9JFQ3
DE000GC6ZNX8	DE000GF8VSB5	DE000GH3ZLA2	DE000GF9JFX9
DE000GC6ZNV2	DE000GF8VS71	DE000GH3XNT3	DE000GF98KM9
DE000GC6ZZA0	DE000GF8TRH8	DE000GH3V055	DE000GF98MR4
DE000GB3QA98	DE000GF8TRG0	DE000GH3UZY3	DE000GF96QW9
DE000GH584X1	DE000GF8LX84	DE000GH3UZX5	DE000GF8VS89
DE000GC5QHA9	DE000GF8LLP1	DE000GH3SGQ3	DE000GF8VJZ3
DE000GC5QH97	DE000GF84Q81	DE000GH3H8B7	DE000GF84QC7
DE000GC5QH14	DE000GF84Q73	DE000GH3CYK3	DE000GF84Q08
DE000GC5QH06	DE000GF84Q65	DE000GH3CZ92	DE000GF84QD5
DE000GC5QGZ8	DE000GF84Q16	DE000GH3CWC4	DE000GF84QA1
DE000GC5QGX3	DE000GF84PZ0	DE000GH3CZD5	DE000GF7YM34
DE000GC5K3F3	DE000GF84PY3	DE000GH3CYX6	DE000GF7K6F7
DE000GC5K3E6	DE000GF84PX5	DE000GH2T1R5	DE000GF7DXS9
DE000GC5K3D8	DE000GF84QL8	DE000GH3AUE8	DE000GF7DX77
DE000GC5K3C0	DE000GF84QK0	DE000GH2Y689	DE000GF7DX69
DE000GB29449	DE000GF84QJ2	DE000GH2VMM6	DE000GF7DYK4

ISIN	ISIN	ISIN	ISIN
DE000GB28HK5	DE000GF84QH6	DE000GH2VKR9	DE000GF7A4H0
DE000GB28P93	DE000GF84QG8	DE000GH2T5W6	DE000GF77GC2
DE000GB28XG0	DE000GF84QB9	DE000GH2T7M3	DE000GF77GD0
DE000GC5BDZ7	DE000GF7YJX4	DE000GH2T6D4	DE000GF72TT0
DE000GC5BG46	DE000GF7YC69	DE000GH2CYB4	DE000GF5ZH32
DE000GC5BHF0	DE000GF7YFA0	DE000GH2CXX0	DE000GF5SX49
DE000GC5BHE3	DE000GF7V9P7	DE000GH26NW9	DE000GF5SX31
DE000GC5BH78	DE000GF7V9J0	DE000GH26RQ2	DE000GF5T1C8
DE000GC5BH60	DE000GF7QUC1	DE000GH26RD0	DE000GF4UJ93
DE000GC5BH52	DE000GF7QUB3	DE000GH23QM0	DE000GF4UJA7
DE000GC5BDU8	DE000GF7GEG7	DE000GH23PR1	DE000GF4FK16
DE000GC5BDT0	DE000GF7GEF9	DE000GH20TB3	DE000GF40A17
DE000GC5B4E5	DE000GF7DXT7	DE000GH1UER6	DE000GF409V7
DE000GB238Z5	DE000GF7DYM0	DE000GH5R2U6	DE000GF409X3
DE000GB23BK9	DE000GF7A151	DE000GH5NFJ6	DE000GF3TCR0
DE000GB235B2	DE000GF7A4M0	DE000GH5NFD9	DE000GF1VPK7
DE000GB23RZ3	DE000GF77W66	DE000GH5NF75	DE000GF1TW84
DE000GB23NC1	DE000GF77W25	DE000GH5NEZ5	DE000GH47HW7