

Bekanntmachung im Hinblick auf

Faktor Zertifikate
der Goldman Sachs Bank Europe SE bzw. der Goldman, Sachs & Co. Wertpapier GmbH
 bezogen auf
Futures Kontrakte

Goldman Sachs Bank Europe SE bzw. Goldman, Sachs & Co. Wertpapier GmbH kündigt die folgenden Faktor Zertifikate mit Wirkung zum 23. Januar 2023 gemäß § 12 der Allgemeinen Bedingungen.

ISIN	ISIN	ISIN	ISIN
DE000GH4QYN5	DE000GX4TY09	DE000GX5DPD9	DE000GX4U410
DE000GX50B45	DE000GX5ES11	DE000GH9MF64	DE000GX4TVP0
DE000GX4TXY8	DE000GX5EPD7	DE000GX4TYM1	DE000GX50A61
DE000GX4TUX6	DE000GX4U0B3	DE000GX6UDU1	DE000GX50B37
DE000GX5K558	DE000GX50A38	DE000GX6UFF7	DE000GX6UEF0
DE000GH4QYL9	DE000GH7HD08	DE000GX6UFL5	DE000GX5K5S7
DE000GX5DQH8	DE000GH4QW23	DE000GX50B52	DE000GH713F3
DE000GH4QSV0	DE000GH7HD16	DE000GX4TZH8	DE000GX6UGQ2
DE000GX4TU60	DE000GX5ES45	DE000GX6UDV9	DE000GH4QXH9
DE000GH7HC74	DE000GX4TU45	DE000GX500L2	DE000GX4U436
DE000GX4U4V3	DE000GH4QW80	DE000GX4TU94	DE000GH4QS52
DE000GX4U4T7	DE000GX5K4K7	DE000GX6UE73	DE000GX6UEP9
DE000GH7HD24	DE000GH4QTS4	DE000GX50A46	DE000GH7HDX0
DE000GX4U071	DE000GX4TU86	DE000GX50AP7	DE000GH4QTP0
DE000GF7SXB3	DE000GX4TY25	DE000GX50AC5	DE000GX4TXX0
DE000GH4QW15	DE000GX5K541	DE000GX50AR3	DE000GF4ZCU9
DE000GH4QTQ8	DE000GX5DPJ6	DE000GH6UMD8	DE000GX5DQA3
DE000GX4TXV4	DE000GX4TZJ4	DE000GX4U3H4	DE000GH4QWZ3
DE000GX6UE81	DE000GX5K285	DE000GX5K3Y0	DE000GH4QYH7
DE000GH2YES4	DE000GX5K4C4	DE000GH7HEU4	DE000GH713E6
DE000GH4QUJ1	DE000GX4U055	DE000GX50A20	DE000GX4TX26
DE000GX9CHB4	DE000GX5K475	DE000GX4TZR7	DE000GX6UGG3
DE000GX5K251	DE000GX4U3K8	DE000GX4TVR6	DE000GX6UEU9
DE000GH7HC66	DE000GH7QC99	DE000GH713D8	DE000GX500F4
DE000GX4TYP4	DE000GX4TW43	DE000GH7HDZ5	DE000GX4TX59
DE000GH4QQF7	DE000GH4QST4	DE000GX5DPH0	DE000GX5DQN6
DE000GX4TX67	DE000GX4TUY4	DE000GX6UE99	DE000GH4QSY4
DE000GH4QYJ3	DE000GH7QBX5	DE000GX6UDS5	DE000GX6UGE8
DE000GH7HC90	DE000GH4QXM9	DE000GH4QVA8	DE000GH4QSU2
DE000GX6UEV7	DE000GH4QVQ4	DE000GH7Q6P6	DE000GX4U063
DE000GX5DQ30	DE000GF7SXD9	DE000GH7QBY3	DE000GX50B94
DE000GX4U444	DE000GX4TU78	DE000GH4QX55	DE000GH4QXS6
DE000GH4QPL7	DE000GX5K0W0	DE000GX6UG89	DE000GX4TXW2
DE000GH4QQD2	DE000GX50A53	DE000GH71307	DE000GH4QS37
DE000GH713C0	DE000GX5DQ63	DE000GH4QUH5	DE000GF7T2Q4

DE000GX4TUA4	DE000GX4TX34	DE000GX50B78	DE000GX6UEB9
DE000GX4TU37	DE000GX50BA7	DE000GX6UDX5	
DE000GF7T2R2	DE000GX5DQ97	DE000GX5K5J6	
DE000GH7Q5G7	DE000GX5K491	DE000GX4TzM8	
DE000GH4QTU0	DE000GX50B86	DE000GH7Q775	
DE000GX4TUE6	DE000GX50AM4	DE000GX5K5Q1	
DE000GX4TVQ8	DE000GX5DPF4	DE000GH4QSH9	
DE000GH7HC82	DE000GX0YJK4	DE000GX5DQJ4	

Frankfurt am Main, 22. Dezember 2022
Goldman Sachs Bank Europe SE
Goldman, Sachs & Co. Wertpapier GmbH

Announcement relating to
Factor Certificates
of **Goldman Sachs Bank Europe SE** and/or **Goldman, Sachs & Co. Wertpapier GmbH**
linked to
Futures Contracts

Goldman Sachs Bank Europe SE and/or Goldman, Sachs & Co. Wertpapier GmbH terminates the following Factor Certificates with effect to 23 January 2023 in accordance with Section 12 of the General Conditions.

ISIN	ISIN	ISIN	ISIN
DE000GH4QYN5	DE000GX4TY09	DE000GX5DPD9	DE000GX4U410
DE000GX50B45	DE000GX5ES11	DE000GH9MF64	DE000GX4TVP0
DE000GX4TXY8	DE000GX5EPD7	DE000GX4TYM1	DE000GX50A61
DE000GX4TUX6	DE000GX4U0B3	DE000GX6UDU1	DE000GX50B37
DE000GX5K558	DE000GX50A38	DE000GX6UFF7	DE000GX6UEF0
DE000GH4QYL9	DE000GH7HD08	DE000GX6UFL5	DE000GX5K5S7
DE000GX5DQH8	DE000GH4QW23	DE000GX50B52	DE000GH713F3
DE000GH4QSV0	DE000GH7HD16	DE000GX4TZH8	DE000GX6UGQ2
DE000GX4TU60	DE000GX5ES45	DE000GX6UDV9	DE000GH4QXH9
DE000GH7HC74	DE000GX4TU45	DE000GX500L2	DE000GX4U436
DE000GX4U4V3	DE000GH4QW80	DE000GX4TU94	DE000GH4QS52
DE000GX4U4T7	DE000GX5K4K7	DE000GX6UE73	DE000GX6UEP9
DE000GH7HD24	DE000GH4QTS4	DE000GX50A46	DE000GH7HDX0

DE000GX4U071	DE000GX4TU86	DE000GX50AP7	DE000GH4QTP0
DE000GF7SXB3	DE000GX4TY25	DE000GX50AC5	DE000GX4TXX0
DE000GH4QW15	DE000GX5K541	DE000GX50AR3	DE000GF4ZCU9
DE000GH4QTTQ8	DE000GX5DPJ6	DE000GH6UMD8	DE000GX5DQA3
DE000GX4TXV4	DE000GX4TZJ4	DE000GX4U3H4	DE000GH4QWZ3
DE000GX6UE81	DE000GX5K285	DE000GX5K3Y0	DE000GH4QYH7
DE000GH2YES4	DE000GX5K4C4	DE000GH7HEU4	DE000GH713E6
DE000GH4QUJ1	DE000GX4U055	DE000GX50A20	DE000GX4TX26
DE000GX9CHB4	DE000GX5K475	DE000GX4TZR7	DE000GX6UGG3
DE000GX5K251	DE000GX4U3K8	DE000GX4TVR6	DE000GX6UEU9
DE000GH7HC66	DE000GH7QC99	DE000GH713D8	DE000GX500F4
DE000GX4TYP4	DE000GX4TW43	DE000GH7HDZ5	DE000GX4TX59
DE000GH4QQF7	DE000GH4QST4	DE000GX5DPH0	DE000GX5DQN6
DE000GX4TX67	DE000GX4TUY4	DE000GX6UE99	DE000GH4QSY4
DE000GH4QYJ3	DE000GH7QBX5	DE000GX6UDS5	DE000GX6UGE8
DE000GH7HC90	DE000GH4QXM9	DE000GH4QVA8	DE000GH4QSU2
DE000GX6UEV7	DE000GH4QVQ4	DE000GH7Q6P6	DE000GX4U063
DE000GX5DQ30	DE000GF7SXD9	DE000GH7QBY3	DE000GX50B94
DE000GX4U444	DE000GX4TU78	DE000GH4QX55	DE000GH4QXS6
DE000GH4QPL7	DE000GX5K0W0	DE000GX6UG89	DE000GX4TXW2
DE000GH4QQD2	DE000GX50A53	DE000GH71307	DE000GH4QS37
DE000GH713C0	DE000GX5DQ63	DE000GH4QUH5	DE000GF7T2Q4
DE000GX4TUA4	DE000GX4TX34	DE000GX50B78	DE000GX6UEB9
DE000GX4TU37	DE000GX50BA7	DE000GX6UDX5	
DE000GF7T2R2	DE000GX5DQ97	DE000GX5K5J6	
DE000GH7Q5G7	DE000GX5K491	DE000GX4TZM8	
DE000GH4QTU0	DE000GX50B86	DE000GH7Q775	
DE000GX4TUE6	DE000GX50AM4	DE000GX5K5Q1	
DE000GX4TVQ8	DE000GX5DPF4	DE000GH4QSH9	
DE000GH7HC82	DE000GX0YJK4	DE000GX5DQJ4	

Frankfurt am Main, 22 December 2022

Goldman Sachs Bank Europe SE
Goldman, Sachs & Co. Wertpapier GmbH