

Bekanntmachung in Bezug auf
Open End Turbo Optionsscheine
der Goldman Sachs Bank Europe SE
bezogen auf
Währungs-Wechselkurse

Für die in der nachstehenden Tabelle genannten Open End Turbo Optionsscheine wird entsprechend den den Open End Turbo Optionsscheinen zugrundeliegenden Bedingungen mit Wirkung zum 18. September 2023 die Zinsmarge wie folgt angepasst:

ISIN	Name des Währungs- Wechselkurses	Zinsmarge (alt)	Zinsmarge (neu)
DE000GA3Q2A6	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GA3Q2B4	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GA3Q2C2	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GA3Q2E8	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GA3Q2N9	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GA3Q2P4	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GA6ZBF2	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GA8XJD1	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GB49SL6	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GB78E12	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000CH0X9X1	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000CH0X9Y9	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GC3Q480	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GC3Q498	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GC5D020	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GF3AU36	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GF3AU44	EUR/JPY (WM	3%	3,5%

ISIN	Name des Währungs- Wechselkurses	Zinsmarge (alt)	Zinsmarge (neu)
	Company FX-Fixing)		
DE000GF7ANM9	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GF7ANN7	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GF7M453	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH3RY70	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH3RXA4	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH3RXU2	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH3RX97	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH3RXY4	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH420G3	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GH44XQ3	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GH44XL4	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GH44X55	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GH44YL2	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GH44Y21	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GH47B66	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GH47AD2	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GH47A26	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GH47AW2	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GH47AV4	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GH4SG47	EUR/GBP (WM Company FX-Fixing)	3%	3,5%

ISIN	Name des Währungs- Wechselkurses	Zinsmarge (alt)	Zinsmarge (neu)
DE000GH4SH38	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GH4SJF8	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GH4SJA9	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GH4Y347	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GH4Y3P6	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GH50XE6	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GH54CK9	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH5BTE3	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH5BTL8	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH6ZWD6	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH74AC8	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH74A30	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH74A06	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH749Y8	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH74A48	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH79EL0	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GH7W070	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GH83ZM5	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GH83ZN3	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GH83ZH5	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GH83ZU8	GBP/USD (WM Company FX-Fixing)	3%	3,5%

ISIN	Name des Währungs- Wechselkurses	Zinsmarge (alt)	Zinsmarge (neu)
	Company FX-Fixing)		
DE000GH83ZQ6	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GH8GEG3	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH8GEA6	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH8GEU4	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH8GEV2	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH8LEF5	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH8LE34	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH8LED0	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH8LF58	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH8LEC2	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH8LEP4	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH8LF82	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH8LE83	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH8QWD1	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH8QVV5	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH8QUR5	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH8QX36	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH8QV95	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH8QVG6	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH8ZG85	EUR/GBP (WM Company FX-Fixing)	3%	3,5%

ISIN	Name des Währungs- Wechselkurses	Zinsmarge (alt)	Zinsmarge (neu)
DE000GH8ZHC5	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH8ZHB7	EUR/JPY (WM Company FX-Fixing)	3%	3,5%
DE000GH9K0W9	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX0LF20	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GX0T3T6	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX12QT5	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GX1C2J7	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX1QHV9	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX1QHH8	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX1Z1F0	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX2EEZ1	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX2EEW8	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX45AA9	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX45B84	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX45B35	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX46HQ8	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX31VV1	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX3DHH2	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX3DHM2	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX3SNZ0	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX4CQ65	EUR/GBP (WM	3%	3,5%

ISIN	Name des Währungs- Wechselkurses	Zinsmarge (alt)	Zinsmarge (neu)
	Company FX-Fixing)		
DE000GX4K866	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GX4K817	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GX4K833	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GX4K7Z9	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GX4K8Y0	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GX4K890	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GX4K7X4	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GX4K7W6	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GX4K7Y2	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GX4K874	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GX4K8E2	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GX4K8D4	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GX4K8S2	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GX4K8U8	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GX60AH3	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GX60AU6	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX60AN1	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX60B27	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX6H4Q8	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GX6N3C2	GBP/USD (WM Company FX-Fixing)	3%	3,5%

ISIN	Name des Währungs- Wechselkurses	Zinsmarge (alt)	Zinsmarge (neu)
DE000GX6N3B4	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GX7FGB3	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX7FGA5	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX7FG12	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX7FG87	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX7FG79	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX7FG20	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX7FG46	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX7FG53	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX7FG38	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX73672	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GX75H16	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX75HT1	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GX75HL8	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GK28ZN2	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GK3ZZV3	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GK3ZZT7	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GK4QD79	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GK4QCY3	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GK4QD87	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GK6G6U3	GBP/USD (WM	3%	3,5%

ISIN	Name des Währungs- Wechselkurses	Zinsmarge (alt)	Zinsmarge (neu)
	Company FX-Fixing)		
DE000GK6G6T5	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GK6RF25	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GK6RFJ0	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GK6RFB7	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GK6RF90	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GK6RF82	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GK6RFP7	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GK6RFC5	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GK6RFD3	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GK6RFE1	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GK6RF66	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GK6RFG6	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GK6RF41	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GK6RF33	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GK6RFF8	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GK7Q705	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GK7Q6P0	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GK7Q747	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GK7Q754	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GK8QVK3	EUR/GBP (WM Company FX-Fixing)	3%	3,5%

ISIN	Name des Währungs- Wechselkurses	Zinsmarge (alt)	Zinsmarge (neu)
DE000GK8QVJ5	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GK8QVD8	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GK8QVF3	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GK8QVG1	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GK8QVE6	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GK8QVN7	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GK8QVM9	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GK92216	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GZ0UPG5	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GZ0UPE0	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GZ1D4C2	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GZ1FRX5	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GZ23HC2	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GZ2XDD8	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GZ34018	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GZ34026	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GZ38XU9	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GZ3E2D1	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GZ4Nfq2	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GZ6MK47	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GP01L19	GBP/USD (WM	3%	3,5%

ISIN	Name des Währungs- Wechselkurses	Zinsmarge (alt)	Zinsmarge (neu)
	Company FX-Fixing)		
DE000GP01L01	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GP089Q5	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GP0YRR2	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GP0YRP6	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GP1BHZ2	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GP1BJ07	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GP1BHY5	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GP312G2	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GP3FBK4	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GP3FBL2	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GP3ZUM8	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GZ9YXA5	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GZ9YX86	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GZ9YX94	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GP4WW36	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GP4WW44	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GP56MY7	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GP5MG37	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GP5WD79	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GP7W864	GBP/USD (WM Company FX-Fixing)	3%	3,5%

ISIN	Name des Währungs- Wechselkurses	Zinsmarge (alt)	Zinsmarge (neu)
DE000GP7W872	EUR/GBP (WM Company FX-Fixing)	3%	3,5%
DE000GP925P2	GBP/USD (WM Company FX-Fixing)	3%	3,5%
DE000GQ0FF48	GBP/USD (WM Company FX-Fixing)	3%	3,5%

Frankfurt am Main, 11. September 2023

Goldman Sachs Bank Europe SE

Announcement relating to the following
Open End Turbo Warrants
of **Goldman Sachs Bank Europe SE**
linked to
Foreign Exchange Rate

The Interest Margin of the Open End Turbo Warrants listed in the table below will be adjusted with effect from 18 September 2023 pursuant to the Conditions of the Open End Turbo Warrants as follows:

ISIN	Name of Foreign Exchange Rate	Interest Margin (old)	Interest Margin (new)
DE000GA3Q2A6	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GA3Q2B4	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GA3Q2C2	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GA3Q2E8	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GA3Q2N9	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GA3Q2P4	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GA6ZBF2	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GA8XJD1	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GB49SL6	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GB78E12	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000CH0X9X1	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000CH0X9Y9	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GC3Q480	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GC3Q498	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GC5D020	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GF3AU36	EUR/JPY (WM Company FX-Fixing)	3%	3.5%

ISIN	Name of Foreign Exchange Rate	Interest Margin (old)	Interest Margin (new)
DE000GF3AU44	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GF7ANM9	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GF7ANN7	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GF7M453	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH3RY70	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH3RXA4	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH3RXU2	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH3RX97	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH3RXY4	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH420G3	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GH44XQ3	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GH44XL4	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GH44X55	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GH44YL2	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GH44Y21	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GH47B66	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GH47AD2	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GH47A26	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GH47AW2	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GH47AV4	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GH4SG47	EUR/GBP (WM Company FX-Fixing)	3%	3.5%

ISIN	Name of Foreign Exchange Rate	Interest Margin (old)	Interest Margin (new)
	Company FX-Fixing)		
DE000GH4SH38	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GH4SJF8	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GH4SJA9	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GH4Y347	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GH4Y3P6	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GH50XE6	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GH54CK9	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH5BTE3	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH5BTL8	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH6ZWD6	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH74AC8	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH74A30	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH74A06	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH749Y8	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH74A48	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH79EL0	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GH7W070	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GH83ZM5	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GH83ZN3	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GH83ZH5	GBP/USD (WM Company FX-Fixing)	3%	3.5%

ISIN	Name of Foreign Exchange Rate	Interest Margin (old)	Interest Margin (new)
DE000GH83ZU8	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GH83ZQ6	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GH8GEG3	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH8GEA6	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH8GEU4	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH8GEV2	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH8LEF5	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH8LE34	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH8LED0	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH8LF58	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH8LEC2	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH8LEP4	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH8LF82	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH8LE83	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH8QWD1	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH8QVV5	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH8QUR5	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH8QX36	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH8QV95	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH8QVG6	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH8ZG85	EUR/GBP (WM Company FX-Fixing)	3%	3.5%

ISIN	Name of Foreign Exchange Rate	Interest Margin (old)	Interest Margin (new)
	Company FX-Fixing)		
DE000GH8ZHC5	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH8ZHB7	EUR/JPY (WM Company FX-Fixing)	3%	3.5%
DE000GH9K0W9	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX0LF20	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GX0T3T6	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX12QT5	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GX1C2J7	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX1QHV9	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX1QHH8	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX1Z1F0	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX2EEZ1	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX2EEW8	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX45AA9	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX45B84	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX45B35	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX46HQ8	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX31VV1	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX3DHH2	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX3DHM2	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX3SNZ0	EUR/GBP (WM Company FX-Fixing)	3%	3.5%

ISIN	Name of Foreign Exchange Rate	Interest Margin (old)	Interest Margin (new)
DE000GX4CQ65	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX4K866	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GX4K817	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GX4K833	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GX4K7Z9	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GX4K8Y0	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GX4K890	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GX4K7X4	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GX4K7W6	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GX4K7Y2	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GX4K874	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GX4K8E2	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GX4K8D4	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GX4K8S2	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GX4K8U8	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GX60AH3	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GX60AU6	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX60AN1	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX60B27	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX6H4Q8	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GX6N3C2	GBP/USD (WM Company FX-Fixing)	3%	3.5%

ISIN	Name of Foreign Exchange Rate	Interest Margin (old)	Interest Margin (new)
	Company FX-Fixing)		
DE000GX6N3B4	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GX7FGB3	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX7FGA5	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX7FG12	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX7FG87	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX7FG79	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX7FG20	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX7FG46	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX7FG53	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX7FG38	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX73672	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GX75H16	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX75HT1	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GX75HL8	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GK28ZN2	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GK3ZZV3	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GK3ZZT7	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GK4QD79	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GK4QCY3	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GK4QD87	GBP/USD (WM Company FX-Fixing)	3%	3.5%

ISIN	Name of Foreign Exchange Rate	Interest Margin (old)	Interest Margin (new)
DE000GK6G6U3	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GK6G6T5	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GK6RF25	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GK6RFJ0	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GK6RFB7	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GK6RF90	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GK6RF82	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GK6RFP7	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GK6RFC5	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GK6RFD3	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GK6RFE1	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GK6RF66	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GK6RFG6	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GK6RF41	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GK6RF33	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GK6RFF8	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GK7Q705	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GK7Q6P0	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GK7Q747	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GK7Q754	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GK8QVK3	EUR/GBP (WM Company FX-Fixing)	3%	3.5%

ISIN	Name of Foreign Exchange Rate	Interest Margin (old)	Interest Margin (new)
	Company FX-Fixing)		
DE000GK8QVJ5	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GK8QVD8	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GK8QVF3	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GK8QVG1	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GK8QVE6	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GK8QVN7	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GK8QVM9	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GK92216	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GZ0UPG5	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GZ0UPE0	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GZ1D4C2	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GZ1FRX5	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GZ23HC2	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GZ2XDD8	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GZ34018	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GZ34026	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GZ38XU9	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GZ3E2D1	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GZ4NFQ2	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GZ6MK47	GBP/USD (WM Company FX-Fixing)	3%	3.5%

ISIN	Name of Foreign Exchange Rate	Interest Margin (old)	Interest Margin (new)
DE000GP01L19	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GP01L01	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GP089Q5	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GP0YRR2	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GP0YRP6	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GP1BHZ2	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GP1BJ07	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GP1BHY5	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GP312G2	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GP3FBK4	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GP3FBL2	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GP3ZUM8	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GZ9YXA5	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GZ9YX86	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GZ9YX94	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GP4WW36	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GP4WW44	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GP56MY7	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GP5MG37	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GP5WD79	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GP7W864	GBP/USD (WM Company FX-Fixing)	3%	3.5%

ISIN	Name of Foreign Exchange Rate	Interest Margin (old)	Interest Margin (new)
	Company FX-Fixing)		
DE000GP7W872	EUR/GBP (WM Company FX-Fixing)	3%	3.5%
DE000GP925P2	GBP/USD (WM Company FX-Fixing)	3%	3.5%
DE000GQ0FF48	GBP/USD (WM Company FX-Fixing)	3%	3.5%

Frankfurt am Main, 11 September 2023

Goldman Sachs Bank Europe SE