

Bekanntmachung in Bezug auf folgende
- Anpassung -
Wertpapiere
der Goldman Sachs Bank Europe SE
bezogen auf
TUI AG

Das Unternehmen TUI AG hat eine Zusammenlegung ihrer Stammaktien im Verhältnis 10:1 bekannt gegeben. Der Wirksamkeitstag der Maßnahme ist der 24. Februar 2023.

Aufgrund dieser Maßnahme wurden im Hinblick auf sämtliche ausstehenden, von der Goldman Sachs Bank Europe SE begebenen Wertpapiere, die auf TUI AG (ISIN: DE000TUAG000) bezogen sind (die **“Wertpapiere”**), die folgenden Anpassungen mit Wirkung zum 24. Februar 2023 vorgenommen:

ISIN des Basiswerts alt	ISIN des Basiswerts neu
DE000TUAG000	DE000TAUG505

Darüber hinaus wurden in Folge dieser Maßnahme mit Wirkung zum 24. Februar 2023 in Bezug auf die in den nachstehenden Tabellen genannten, von der Goldman Sachs Bank Europe SE begebenen Wertpapiere bezogen auf TUI AG, die folgenden Anpassungen vorgenommen:

Klassische Optionsscheine

ISIN	Basispreis (in EUR)		Bezugsverhältnis	
	alt	neu	alt	neu
DE000GK2KM50	4,6	46	1	0,1
DE000GK2KM68	3,6	36	1	0,1
DE000GK2KM92	2,2	22	1	0,1
DE000GK2KMB7	3	30	1	0,1
DE000GK2KMC5	2	20	1	0,1
DE000GK2KME1	2,6	26	1	0,1
DE000GK2KMK8	4	40	1	0,1
DE000GK4ZB96	3,2	32	1	0,1
DE000GK4ZBC2	2,8	28	1	0,1
DE000GK4ZCJ5	2,4	24	1	0,1
DE000GK5GZH7	1,8	18	1	0,1
DE000GK5VGU9	3,8	38	1	0,1
DE000GX8W6R0	2,8	28	1	0,1
DE000GX8W6U4	2,5	25	1	0,1
DE000GX8W6X8	2,2	22	1	0,1
DE000GX8W6Y6	2,5	25	1	0,1
DE000GK6J157	2	20	1	0,1
DE000GK6J1A3	1,4	14	1	0,1
DE000GK6J1E5	1,6	16	1	0,1
DE000GK6J1L0	2,6	26	1	0,1

ISIN	Basispreis (in EUR)		Bezugsverhältnis	
	alt	neu	alt	neu
DE000GK6J1P1	2,4	24	1	0,1
DE000GK6J1Y3	1,8	18	1	0,1
DE000GK6J1Z0	3	30	1	0,1
DE000GK7L888	1,5	15	1	0,1
DE000GK8BMC1	1,7	17	1	0,1
DE000GK9ETS4	2	20	1	0,1
DE000GK9EU36	1	10	1	0,1
DE000GK9EUC6	2	20	1	0,1
DE000GK9NW33	1,5	15	1	0,1
DE000GK9NWD1	2,5	25	1	0,1
DE000GK9NY07	1,5	15	1	0,1
DE000GX8ZJ30	1,2	12	1	0,1
DE000GX9G2S6	2,5	25	1	0,1
DE000GZ0AEB2	2	20	1	0,1
DE000GZ0FKH5	1,5	15	1	0,1
DE000GZ0FKJ1	2,5	25	1	0,1
DE000GZ0VZW9	2,4	24	1	0,1
DE000GZ18BR3	1,2	12	1	0,1
DE000GZ39FM1	3	30	1	0,1
DE000GZ39HX4	3	30	1	0,1
DE000GZ39JF7	3	30	1	0,1
DE000GZ66YU8	1	10	1	0,1
DE000GZ670W8	2	20	1	0,1
DE000GZ69014	1,5	15	1	0,1
DE000GZ6NL11	2,5	25	1	0,1
DE000GZ77QU1	3	30	1	0,1
DE000GZ77SV5	1,4	14	1	0,1
DE000GZ7CVR3	1,5	15	1	0,1
DE000GZ7CVS1	1	10	1	0,1
DE000GZ7CVX1	2	20	1	0,1
DE000GZ7CW85	1	10	1	0,1
DE000GZ7CWH2	1,8	18	1	0,1
DE000GZ7CWZ4	1	10	1	0,1
DE000GZ7CX43	1,6	16	1	0,1
DE000GZ7CX50	2,2	22	1	0,1
DE000GZ7CXC1	1,5	15	1	0,1
DE000GZ7CXF4	1,5	15	1	0,1
DE000GZ7CXH0	1,5	15	1	0,1
DE000GZ7CXN8	1,8	18	1	0,1
DE000GZ7CXT5	2	20	1	0,1
DE000GZ7CXV1	2	20	1	0,1

ISIN	Basispreis (in EUR)		Bezugsverhältnis	
	alt	neu	alt	neu
DE000GZ7CXX7	2	20	1	0,1
DE000GZ7CXZ2	2	20	1	0,1
DE000GZ7CYB1	1	10	1	0,1
DE000GZ7CYC9	2	20	1	0,1
DE000GZ7CZR4	1,5	15	1	0,1
DE000GZ7CZT0	1,5	15	1	0,1
DE000GZ7D029	1	10	1	0,1
DE000GZ7D037	1	10	1	0,1
DE000GZ7HLE1	2,2	22	1	0,1
DE000GZ7HLG6	1,2	12	1	0,1
DE000GZ7HLQ5	2,2	22	1	0,1
DE000GZ7HM33	2,4	24	1	0,1
DE000GZ7HMS9	1,2	12	1	0,1
DE000GZ7HP14	2,5	25	1	0,1
DE000GZ7HP55	2,5	25	1	0,1
DE000GZ7HPC6	1,2	12	1	0,1
DE000GZ7HPD4	3,5	35	1	0,1
DE000GZ7HPE2	3,5	35	1	0,1
DE000GZ7HPJ1	2,5	25	1	0,1
DE000GZ7U0M2	2	20	1	0,1
DE000GZ7WLB6	2	20	1	0,1
DE000GZ7Z2T8	2,5	25	1	0,1
DE000GZ7Z6W3	3	30	1	0,1
DE000GZ8MRM9	2,2	22	1	0,1
DE000GZ8MRQ0	1,8	18	1	0,1
DE000GZ8Q2K7	1,6	16	1	0,1
DE000GZ8Q5X3	1,5	15	1	0,1
DE000GZ8Q763	1	10	1	0,1
DE000GZ8SCP1	2,4	24	1	0,1
DE000GZ8XMD6	1,6	16	1	0,1
DE000GZ8ZZD3	3	30	1	0,1
DE000GZ902B9	2	20	1	0,1
DE000GZ92GQ9	2,5	25	1	0,1

Faktor Zertifikate

ISIN	Basispreis (in EUR)		Stop-Loss Barriere (in EUR)		Bezugsverhältnis	
	alt	neu	alt	neu	alt	neu
DE000GH31558	0,929	9,29	1,5793	15,793	0,8623140574	0,0693119624
DE000GH425S7	2,787	27,87	2,1367	21,367	3,8862169408	0,3188437281
DE000GH8Y1Q4	0,929	9,29	1,5793	15,793	1,8136951396	0,1457830454

ISIN	Basispreis (in EUR)		Stop-Loss Barriere (in EUR)		Bezugsverhältnis	
	alt	neu	alt	neu	alt	neu
DE000GX39VZ5	2,47733333	24,77333333	2,0438	20,438	2,3348933054	0,198417147
DE000GX3V0S7	1,23866667	12,38666667	1,6722	16,722	1,2497787283	0,1034752887
DE000GX7DDY7	2,47733333	24,77333333	2,0438	20,438	4,9939754509	0,424383572
DE000GK01753	0,929	9,29	1,5793	15,793	0,7328640367	0,0589068961
DE000GK0FN58	2,787	27,87	2,1367	21,367	9,4290360664	0,7736029815
DE000GK0FP23	2,47733333	24,77333333	2,0438	20,438	9,4083509469	0,7995132577
DE000GK15225	1,23866667	12,38666667	1,6722	16,722	2,5432096992	0,21056476
DE000GK5PC39	1,23866667	12,38666667	1,6722	16,722	4,3084550142	0,3567180467
DE000GK60RL6	1,4864	14,864	1,74652	17,4652	2,3239219808	0,1888779089
DE000GK69C30	1,4864	14,864	1,74652	17,4652	4,1507557829	0,3373547302
DE000GK69CE4	0,929	9,29	1,5793	15,793	10,0017484804	0,8039307829
DE000GK7E0M4	1,4864	14,864	1,74652	17,4652	6,4524920971	0,5244294881
DE000GK7E115	1,23866667	12,38666667	1,6722	16,722	12,9674945712	1,0736422501
DE000GZ0HDR5	1,6722	16,722	1,80226	18,0226	2,5419049606	0,2018817942
DE000GZ0WS01	1,6722	16,722	1,80226	18,0226	4,9849743176	0,3959139209
DE000GZ17Y22	1,73413334	17,34133334	1,82084	18,2084	2,9798981551	0,2116591128
DE000GZ18235	1,71507693	17,15076924	1,8150802	18,150802	2,7814150068	0,2074442811
DE000GZ1CQD6	1,73413334	17,34133334	1,82084	18,2084	4,8002614836	0,3409576551
DE000GZ502X1	1,71507693	17,15076924	1,8150802	18,150802	4,5117730948	0,3364983377
DE000GZ5RJM1	1,73413334	17,34133334	1,82084	18,2084	7,1201319105	0,5057356747
DE000GZ5WE28	1,73413334	17,34133334	1,82084	18,2084	12,3908044499	0,8801061452
DE000GZ63K54	1,73413334	17,34133334	1,82084	18,2084	20,2344590788	1,4372328974
DE000GZ7BK31	1,9818	19,8186	1,8951	18,9516	6,2718944104	0,4950010323
DE000GZ7E8C6	1,9818	19,8186	1,8951	18,9516	30,2415263213	2,3867727628
DE000GZ7G7F9	2,0009	20,0092	1,9009	19,0091	92,2455071513	7,3875432425
DE000GZ7GA61	1,9818	19,8186	1,8951	18,9516	84,2735070208	6,6511759046
DE000GZ7JYA8	2,0009	20,0092	1,9009	19,0091	20,6352374221	1,652586814
DE000GZ7XS37	1,7151	17,1508	1,8151	18,1509	13,9143530778	1,0375357817
DE000GZ7XUR1	1,6722	16,722	1,8023	18,0226	19,1647928864	1,5220283703
DE000GZ8NSD4	1,7151	17,1508	1,8151	18,1509	25,9704830045	1,9365115455

Open End Turbo Optionsscheine

ISIN	Basispreis (in EUR)		Knock-Out Barriere (in EUR)		Bezugsverhältnis	
	alt	neu	alt	neu	alt	neu
DE000GH4VMX9	4,07208123	40,7208123	4,07208123	40,7208123	1,1789	0,1179
DE000GX2W6N5	0,56584937	5,6584937	0,56584937	5,6584937	1	0,1
DE000GK61DF6	0,99662042	9,9662042	0,99662042	9,9662042	1	0,1
DE000GK7EE12	1,11980875	11,1980875	1,11980875	11,1980875	1	0,1
DE000GZ1PS09	1,35651012	13,5651012	1,35651012	13,5651012	1	0,1

ISIN	Basispreis (in EUR)		Knock-Out Barriere (in EUR)		Bezugsverhältnis	
	alt	neu	alt	neu	alt	neu
DE000GZ6D401	1,47738668	14,7738668	1,47738668	14,7738668	1	0,1
DE000GZ6K LX7	1,59776352	15,9776352	1,59776352	15,9776352	1	0,1
DE000GZ6NC95	1,62774345	16,2774345	1,62774345	16,2774345	1	0,1
DE000GZ6V9V4	1,69665273	16,9665273	1,69665273	16,9665273	1	0,1
DE000GZ6ZEP6	1,73628715	17,3628715	1,73628715	17,3628715	1	0,1
DE000GZ79MH3	1,7963	17,963	1,7963	17,963	1	0,1
DE000GZ7BXS9	2,3591	23,591	2,3591	23,591	1	0,1
DE000GZ7BY84	2,957	29,57	2,957	29,57	1	0,1
DE000GZ7ERF2	2,5194	25,194	2,5194	25,194	1	0,1
DE000GZ7ESQ7	2,2999	22,999	2,2999	22,999	1	0,1
DE000GZ7GW32	2,2102	22,102	2,2102	22,102	1	0,1
DE000GZ7KDC6	2,3309	23,309	2,3309	23,309	1	0,1
DE000GZ7MR23	2,1713	21,713	2,1713	21,713	1	0,1
DE000GZ72F84	3,1886	31,886	3,1886	31,886	1	0,1
DE000GZ758E9	2,1419	21,419	2,1419	21,419	1	0,1
DE000GZ7T553	2,113	21,13	2,113	21,13	1	0,1
DE000GZ7T7C1	2,253	22,53	2,253	22,53	1	0,1
DE000GZ8P8Q2	2,0675	20,675	2,0675	20,675	1	0,1
DE000GZ8YU64	1,7715	17,715	1,7715	17,715	1	0,1

Mini Future Optionsscheine

ISIN	Basispreis (in EUR)		Knock-Out Barriere (in EUR)		Bezugsverhältnis	
	alt	neu	alt	neu	alt	neu
DE000GH317U2	0,80552134	8,0552134	0,8343	8,3775	1,1789	0,1179
DE000GH5H6X3	5,12500257	51,2500257	4,9267	49,2	1,1789	0,1179
DE000GH9FBV8	3,60130181	36,0130181	3,462	34,5724	1,1789	0,1179
DE000GK8AB83	1,08496398	10,8496398	1,1238	11,2837	1	0,1
DE000GK8PUC4	0,27868755	2,7868755	0,2887	2,8984	1	0,1
DE000GZ27517	1,38853519	13,8853519	1,4382	14,4408	1	0,1
DE000GZ6YN73	1,68286718	16,8286718	1,743	17,5019	1	0,1
DE000GZ7B8M8	2,3628	23,628	2,2723	22,6828	1	0,1
DE000GZ7BCG8	2,961	29,61	2,8472	28,4256	1	0,1
DE000GZ7E0B5	2,3033	23,033	2,2151	22,1116	1	0,1
DE000GZ7FTK5	2,5232	25,232	2,4263	24,2227	1	0,1
DE000GZ7LV28	2,334	23,34	2,2446	22,4064	1	0,1
DE000GZ7Q757	2,235	22,35	2,1493	21,456	1	0,1
DE000GZ7SGB4	2,2655	22,655	2,1786	21,7488	1	0,1
DE000GZ7UZ07	1,6183	16,183	1,6751	16,8304	1	0,1
DE000GZ7XQ39	1,7086	17,086	1,7685	17,7695	1	0,1

ISIN	Basispreis (in EUR)		Knock-Out Barriere (in EUR)		Bezugsverhältnis	
	alt	neu	alt	neu	alt	neu
DE000GZ8NE00	2,1584	21,584	2,08	20,7206	1	0,1
DE000GZ8QNW8	1,573	15,73	1,64	16,3592	1	0,1

Reverse Convertible Wertpapiere

ISIN	Anfänglicher Referenzpreis (in EUR)		Basispreis (in EUR)	
	alt	neu	alt	neu
DE000GK1FBX6	2,977	29,77	1,8	18
DE000GK1FBY4	2,977	29,77	2,4	24
DE000GK1FBZ1	2,977	29,77	2,9	29
DE000GK1FC01	2,977	29,77	3,4	34
DE000GK1FC19	2,977	29,77	1,8	18
DE000GK1FC27	2,977	29,77	2,6	26
DE000GK1FC35	2,977	29,77	3,2	32
DE000GK1FC43	2,977	29,77	3,4	34
DE000GK1FC50	2,977	29,77	2	20
DE000GK1FC68	2,977	29,77	2,6	26
DE000GK1FC76	2,977	29,77	3,4	34
DE000GK1FC84	2,977	29,77	3,7	37
DE000GK1FC92	2,977	29,77	2	20
DE000GK1FCA2	2,977	29,77	2,9	29
DE000GK1FCB0	2,977	29,77	2,8	28
DE000GK1FCC8	2,977	29,77	3,7	37
DE000GK63HK3	1,821	18,21	1,9	19
DE000GK9QTR0	1,5	15	1	10
DE000GK9QTS8	1,5	15	1,2	12
DE000GK9QTT6	1,5	15	1,1	11
DE000GK9QTU4	1,5	15	1,3	13
DE000GK9QTV2	1,5	15	1,1	11
DE000GK9QTW0	1,5	15	1,3	13
DE000GK9QTX8	1,5	15	1	10
DE000GK9QTY6	1,5	15	1,4	14
DE000GK9QTZ3	1,5	15	1	10
DE000GK9QU08	1,5	15	1,4	14
DE000GK9QU16	1,5	15	1,1	11
DE000GK9QU24	1,5	15	1,5	15
DE000GK9QU32	1,5	15	1,2	12
DE000GK9QU40	1,5	15	1,6	16
DE000GK9QU57	1,5	15	1,3	13
DE000GK9QU65	1,5	15	1,6	16

ISIN	Anfänglicher Referenzpreis (in EUR)		Basispreis (in EUR)	
	alt	neu	alt	neu
DE000GK9QU73	1,5	15	1,5	15
DE000GK9QU81	1,5	15	1,9	19
DE000GK9R0R6	1,5	15	1	10
DE000GK9R0S4	1,5	15	1,1	11
DE000GZ0T9X0	1,4915	14,92	1,1	11
DE000GZ0T9Y8	1,4915	14,92	1,4	14
DE000GZ0T9Z5	1,4915	14,92	1,4	14
DE000GZ0TA06	1,4915	14,92	1,8	18
DE000GZ2HZ90	1,536	15,36	1	10
DE000GZ2HZA0	1,536	15,36	1	10
DE000GZ5VUN8	1,559	15,59	0,95	9,5
DE000GZ5VUP3	1,559	15,59	0,95	9,5
DE000GZ5VUQ1	1,559	15,59	1	10
DE000GZ5VUR9	1,559	15,59	1,1	11
DE000GZ5VUS7	1,559	15,59	1,2	12
DE000GZ5VUT5	1,559	15,59	1,2	12
DE000GZ5VUU3	1,559	15,59	1,4	14
DE000GZ5VUV1	1,559	15,59	1,5	15
DE000GZ6R8S8	1,637	16,37	1	10
DE000GZ6R8T6	1,637	16,37	1,3	13
DE000GZ6R8U4	1,637	16,37	1,1	11
DE000GZ6R8V2	1,637	16,37	1,5	15
DE000GZ6R8W0	1,637	16,37	1,1	11
DE000GZ6R8X8	1,637	16,37	1,4	14
DE000GZ74BP0	2,13	21,3	1,9	19
DE000GZ74BQ8	2,13	21,3	2	20
DE000GZ74BR6	2,13	21,3	2,6	26
DE000GZ74BS4	2,13	21,3	1,3	13
DE000GZ74BT2	2,13	21,3	2,2	22
DE000GZ74BU0	2,13	21,3	2,3	23
DE000GZ74BV8	2,13	21,3	2,6	26

Frankfurt am Main, 24. Februar 2023
Goldman Sachs Bank Europe SE

Announcement relating to the following
- Adjustment -
Securities
of Goldman Sachs Bank Europe SE
linked to
TUI AG

The company TUI AG has announced a 10-for-1 reverse stock split. Effective date of this measure is 24 February 2023.

Due to this measure, the following adjustments have been made with effect on 24 February 2023 as regards all outstanding Securities issued by Goldman Sachs Bank Europe SE which are linked to TUI AG (ISIN: DE000TUAG000) (the “**Securities**”):

ISIN of the underlying old	ISIN of the underlying new
DE000TUAG000	DE000TAUG505

Furthermore, as a result of this measure, the following adjustments became effective on 24 February 2023 in respect of the Securities linked to TUI AG mentioned in the tables below which were issued by Goldman Sachs Bank Europe SE:

Plain Warrants

ISIN	Strike (in EUR)		Multiplier	
	old	new	old	new
DE000GK2KM50	4.6	46	1	0.1
DE000GK2KM68	3.6	36	1	0.1
DE000GK2KM92	2.2	22	1	0.1
DE000GK2KMB7	3	30	1	0.1
DE000GK2KMC5	2	20	1	0.1
DE000GK2KME1	2.6	26	1	0.1
DE000GK2KMK8	4	40	1	0.1
DE000GK4ZB96	3.2	32	1	0.1
DE000GK4ZBC2	2.8	28	1	0.1
DE000GK4ZCJ5	2.4	24	1	0.1
DE000GK5GZH7	1.8	18	1	0.1
DE000GK5VGU9	3.8	38	1	0.1
DE000GX8W6R0	2.8	28	1	0.1
DE000GX8W6U4	2.5	25	1	0.1
DE000GX8W6X8	2.2	22	1	0.1
DE000GX8W6Y6	2.5	25	1	0.1
DE000GK6J157	2	20	1	0.1
DE000GK6J1A3	1.4	14	1	0.1
DE000GK6J1E5	1.6	16	1	0.1
DE000GK6J1L0	2.6	26	1	0.1
DE000GK6J1P1	2.4	24	1	0.1
DE000GK6J1Y3	1.8	18	1	0.1

ISIN	Strike (in EUR)		Multiplier	
	old	new	old	new
DE000GK6J1Z0	3	30	1	0.1
DE000GK7L888	1.5	15	1	0.1
DE000GK8BMC1	1.7	17	1	0.1
DE000GK9ETS4	2	20	1	0.1
DE000GK9EU36	1	10	1	0.1
DE000GK9EUC6	2	20	1	0.1
DE000GK9NW33	1.5	15	1	0.1
DE000GK9NWD1	2.5	25	1	0.1
DE000GK9NY07	1.5	15	1	0.1
DE000GX8ZJ30	1.2	12	1	0.1
DE000GX9G2S6	2.5	25	1	0.1
DE000GZ0AEB2	2	20	1	0.1
DE000GZ0FKH5	1.5	15	1	0.1
DE000GZ0FKJ1	2.5	25	1	0.1
DE000GZ0VZW9	2.4	24	1	0.1
DE000GZ18BR3	1.2	12	1	0.1
DE000GZ39FM1	3	30	1	0.1
DE000GZ39HX4	3	30	1	0.1
DE000GZ39JF7	3	30	1	0.1
DE000GZ66YU8	1	10	1	0.1
DE000GZ670W8	2	20	1	0.1
DE000GZ69014	1.5	15	1	0.1
DE000GZ6NL11	2.5	25	1	0.1
DE000GZ77QU1	3	30	1	0.1
DE000GZ77SV5	1.4	14	1	0.1
DE000GZ7CVR3	1.5	15	1	0.1
DE000GZ7CVS1	1	10	1	0.1
DE000GZ7CVX1	2	20	1	0.1
DE000GZ7CW85	1	10	1	0.1
DE000GZ7CWH2	1.8	18	1	0.1
DE000GZ7CWZ4	1	10	1	0.1
DE000GZ7CX43	1.6	16	1	0.1
DE000GZ7CX50	2.2	22	1	0.1
DE000GZ7CXC1	1.5	15	1	0.1
DE000GZ7CXF4	1.5	15	1	0.1
DE000GZ7CXH0	1.5	15	1	0.1
DE000GZ7CXN8	1.8	18	1	0.1
DE000GZ7CXT5	2	20	1	0.1
DE000GZ7CXV1	2	20	1	0.1
DE000GZ7CXX7	2	20	1	0.1
DE000GZ7CXZ2	2	20	1	0.1

ISIN	Strike (in EUR)		Multiplier	
	old	new	old	new
DE000GZ7CYB1	1	10	1	0.1
DE000GZ7CXC9	2	20	1	0.1
DE000GZ7CZR4	1.5	15	1	0.1
DE000GZ7CZT0	1.5	15	1	0.1
DE000GZ7D029	1	10	1	0.1
DE000GZ7D037	1	10	1	0.1
DE000GZ7HLE1	2.2	22	1	0.1
DE000GZ7HLG6	1.2	12	1	0.1
DE000GZ7HLQ5	2.2	22	1	0.1
DE000GZ7HM33	2.4	24	1	0.1
DE000GZ7HMS9	1.2	12	1	0.1
DE000GZ7HP14	2.5	25	1	0.1
DE000GZ7HP55	2.5	25	1	0.1
DE000GZ7HPC6	1.2	12	1	0.1
DE000GZ7HPD4	3.5	35	1	0.1
DE000GZ7HPE2	3.5	35	1	0.1
DE000GZ7HPJ1	2.5	25	1	0.1
DE000GZ7U0M2	2	20	1	0.1
DE000GZ7WLB6	2	20	1	0.1
DE000GZ7Z2T8	2.5	25	1	0.1
DE000GZ7Z6W3	3	30	1	0.1
DE000GZ8MRM9	2.2	22	1	0.1
DE000GZ8MRQ0	1.8	18	1	0.1
DE000GZ8Q2K7	1.6	16	1	0.1
DE000GZ8Q5X3	1.5	15	1	0.1
DE000GZ8Q763	1	10	1	0.1
DE000GZ8SCP1	2.4	24	1	0.1
DE000GZ8XMD6	1.6	16	1	0.1
DE000GZ8ZZD3	3	30	1	0.1
DE000GZ902B9	2	20	1	0.1
DE000GZ92GQ9	2.5	25	1	0.1

Factor Certificates

ISIN	Strike (in EUR)		Stop-Loss Barrier (in EUR)		Multiplier	
	old	new	old	new	old	new
DE000GH31558	0.929	9.29	1.5793	15.793	0.8623140574	0.0693119624
DE000GH425S7	2.787	27.87	2.1367	21.367	3.8862169408	0.3188437281
DE000GH8Y1Q4	0.929	9.29	1.5793	15.793	1.8136951396	0.1457830454
DE000GX39VZ5	2.477333333	24.773333333	2.0438	20.438	2.3348933054	0.198417147
DE000GX3V0S7	1.238666667	12.386666667	1.6722	16.722	1.2497787283	0.1034752887

ISIN	Strike (in EUR)		Stop-Loss Barrier (in EUR)		Multiplier	
	old	new	old	new	old	new
DE000GX7DDY7	2.47733333	24.77333333	2.0438	20.438	4.9939754509	0.424383572
DE000GK01753	0.929	9.29	1.5793	15.793	0.7328640367	0.0589068961
DE000GK0FN58	2.787	27.87	2.1367	21.367	9.4290360664	0.7736029815
DE000GK0FP23	2.47733333	24.77333333	2.0438	20.438	9.4083509469	0.7995132577
DE000GK15225	1.23866667	12.38666667	1.6722	16.722	2.5432096992	0.21056476
DE000GK5PC39	1.23866667	12.38666667	1.6722	16.722	4.3084550142	0.3567180467
DE000GK60RL6	1.4864	14.864	1.74652	17.4652	2.3239219808	0.1888779089
DE000GK69C30	1.4864	14.864	1.74652	17.4652	4.1507557829	0.3373547302
DE000GK69CE4	0.929	9.29	1.5793	15.793	10.0017484804	0.8039307829
DE000GK7E0M4	1.4864	14.864	1.74652	17.4652	6.4524920971	0.5244294881
DE000GK7E115	1.23866667	12.38666667	1.6722	16.722	12.9674945712	1.0736422501
DE000GZ0HDR5	1.6722	16.722	1.80226	18.0226	2.5419049606	0.2018817942
DE000GZ0WS01	1.6722	16.722	1.80226	18.0226	4.9849743176	0.3959139209
DE000GZ17Y22	1.73413334	17.34133334	1.82084	18.2084	2.9798981551	0.2116591128
DE000GZ18235	1.71507693	17.15076924	1.8150802	18.150802	2.7814150068	0.2074442811
DE000GZ1CQD6	1.73413334	17.34133334	1.82084	18.2084	4.8002614836	0.3409576551
DE000GZ502X1	1.71507693	17.15076924	1.8150802	18.150802	4.5117730948	0.3364983377
DE000GZ5RJM1	1.73413334	17.34133334	1.82084	18.2084	7.1201319105	0.5057356747
DE000GZ5WE28	1.73413334	17.34133334	1.82084	18.2084	12.3908044499	0.8801061452
DE000GZ63K54	1.73413334	17.34133334	1.82084	18.2084	20.2344590788	1.4372328974
DE000GZ7BK31	1.9818	19.8186	1.8951	18.9516	6.2718944104	0.4950010323
DE000GZ7E8C6	1.9818	19.8186	1.8951	18.9516	30.2415263213	2.3867727628
DE000GZ7G7F9	2.0009	20.0092	1.9009	19.0091	92.2455071513	7.3875432425
DE000GZ7GA61	1.9818	19.8186	1.8951	18.9516	84.2735070208	6.6511759046
DE000GZ7JYA8	2.0009	20.0092	1.9009	19.0091	20.6352374221	1.652586814
DE000GZ7XS37	1.7151	17.1508	1.8151	18.1509	13.9143530778	1.0375357817
DE000GZ7XUR1	1.6722	16.722	1.8023	18.0226	19.1647928864	1.5220283703
DE000GZ8NSD4	1.7151	17.1508	1.8151	18.1509	25.9704830045	1.9365115455

Open End Turbo Warrants

ISIN	Strike (in EUR)		Knock-Out Barrier (in EUR)		Multiplier	
	old	new	old	new	old	new
DE000GH4VMX9	4.07208123	40.7208123	4.07208123	40.7208123	1.1789	0.1179
DE000GX2W6N5	0.56584937	5.6584937	0.56584937	5.6584937	1	0.1
DE000GK61DF6	0.99662042	9.9662042	0.99662042	9.9662042	1	0.1
DE000GK7EE12	1.11980875	11.1980875	1.11980875	11.1980875	1	0.1
DE000GZ1PS09	1.35651012	13.5651012	1.35651012	13.5651012	1	0.1
DE000GZ6D401	1.47738668	14.7738668	1.47738668	14.7738668	1	0.1
DE000GZ6KLX7	1.59776352	15.9776352	1.59776352	15.9776352	1	0.1
DE000GZ6NC95	1.62774345	16.2774345	1.62774345	16.2774345	1	0.1

ISIN	Strike (in EUR)		Knock-Out Barrier (in EUR)		Multiplier	
	old	new	old	new	old	new
DE000GZ6V9V4	1.69665273	16.9665273	1.69665273	16.9665273	1	0.1
DE000GZ6ZEP6	1.73628715	17.3628715	1.73628715	17.3628715	1	0.1
DE000GZ79MH3	1.7963	17.963	1.7963	17.963	1	0.1
DE000GZ7BXS9	2.3591	23.591	2.3591	23.591	1	0.1
DE000GZ7BY84	2.957	29.57	2.957	29.57	1	0.1
DE000GZ7ERF2	2.5194	25.194	2.5194	25.194	1	0.1
DE000GZ7ESQ7	2.2999	22.999	2.2999	22.999	1	0.1
DE000GZ7GW32	2.2102	22.102	2.2102	22.102	1	0.1
DE000GZ7KDC6	2.3309	23.309	2.3309	23.309	1	0.1
DE000GZ7MR23	2.1713	21.713	2.1713	21.713	1	0.1
DE000GZ72F84	3.1886	31.886	3.1886	31.886	1	0.1
DE000GZ758E9	2.1419	21.419	2.1419	21.419	1	0.1
DE000GZ7T553	2.113	21.13	2.113	21.13	1	0.1
DE000GZ7T7C1	2.253	22.53	2.253	22.53	1	0.1
DE000GZ8P8Q2	2.0675	20.675	2.0675	20.675	1	0.1
DE000GZ8YU64	1.7715	17.715	1.7715	17.715	1	0.1

Mini Future Warrants

ISIN	Strike (in EUR)		Knock-Out Barrier (in EUR)		Multiplier	
	old	new	old	new	old	new
DE000GH317U2	0.80552134	8.0552134	0.8343	8.3775	1.1789	0.1179
DE000GH5H6X3	5.12500257	51.2500257	4.9267	49.2	1.1789	0.1179
DE000GH9FBV8	3.60130181	36.0130181	3.462	34.5724	1.1789	0.1179
DE000GK8AB83	1.08496398	10.8496398	1.1238	11.2837	1	0.1
DE000GK8PUC4	0.27868755	2.7868755	0.2887	2.8984	1	0.1
DE000GZ27517	1.38853519	13.8853519	1.4382	14.4408	1	0.1
DE000GZ6YN73	1.68286718	16.8286718	1.743	17.5019	1	0.1
DE000GZ7B8M8	2.3628	23.628	2.2723	22.6828	1	0.1
DE000GZ7BCG8	2.961	29.61	2.8472	28.4256	1	0.1
DE000GZ7E0B5	2.3033	23.033	2.2151	22.1116	1	0.1
DE000GZ7FTK5	2.5232	25.232	2.4263	24.2227	1	0.1
DE000GZ7LV28	2.334	23.34	2.2446	22.4064	1	0.1
DE000GZ7Q757	2.235	22.35	2.1493	21.456	1	0.1
DE000GZ7SGB4	2.2655	22.655	2.1786	21.7488	1	0.1
DE000GZ7UZ07	1.6183	16.183	1.6751	16.8304	1	0.1
DE000GZ7XQ39	1.7086	17.086	1.7685	17.7695	1	0.1
DE000GZ8NE00	2.1584	21.584	2.08	20.7206	1	0.1
DE000GZ8QNW8	1.573	15.73	1.64	16.3592	1	0.1

Reverse Convertible Securities

ISIN	Initial Reference Price (in EUR)		Strike (in EUR)	
	old	new	old	new
DE000GK1FBX6	2.977	29.77	1.8	18
DE000GK1FBY4	2.977	29.77	2.4	24
DE000GK1FBZ1	2.977	29.77	2.9	29
DE000GK1FC01	2.977	29.77	3.4	34
DE000GK1FC19	2.977	29.77	1.8	18
DE000GK1FC27	2.977	29.77	2.6	26
DE000GK1FC35	2.977	29.77	3.2	32
DE000GK1FC43	2.977	29.77	3.4	34
DE000GK1FC50	2.977	29.77	2	20
DE000GK1FC68	2.977	29.77	2.6	26
DE000GK1FC76	2.977	29.77	3.4	34
DE000GK1FC84	2.977	29.77	3.7	37
DE000GK1FC92	2.977	29.77	2	20
DE000GK1FCA2	2.977	29.77	2.9	29
DE000GK1FCB0	2.977	29.77	2.8	28
DE000GK1FCC8	2.977	29.77	3.7	37
DE000GK63HK3	1.821	18.21	1.9	19
DE000GK9QTR0	1.5	15	1	10
DE000GK9QTS8	1.5	15	1.2	12
DE000GK9QTT6	1.5	15	1.1	11
DE000GK9QTU4	1.5	15	1.3	13
DE000GK9QTV2	1.5	15	1.1	11
DE000GK9QTW0	1.5	15	1.3	13
DE000GK9QTX8	1.5	15	1	10
DE000GK9QTY6	1.5	15	1.4	14
DE000GK9QTZ3	1.5	15	1	10
DE000GK9QU08	1.5	15	1.4	14
DE000GK9QU16	1.5	15	1.1	11
DE000GK9QU24	1.5	15	1.5	15
DE000GK9QU32	1.5	15	1.2	12
DE000GK9QU40	1.5	15	1.6	16
DE000GK9QU57	1.5	15	1.3	13
DE000GK9QU65	1.5	15	1.6	16
DE000GK9QU73	1.5	15	1.5	15
DE000GK9QU81	1.5	15	1.9	19
DE000GK9R0R6	1.5	15	1	10
DE000GK9R0S4	1.5	15	1.1	11
DE000GZ0T9X0	1.4915	14.92	1.1	11
DE000GZ0T9Y8	1.4915	14.92	1.4	14
DE000GZ0T9Z5	1.4915	14.92	1.4	14

ISIN	Initial Reference Price (in EUR)		Strike (in EUR)	
	old	new	old	new
DE000GZ0TA06	1.4915	14.92	1.8	18
DE000GZ2HZ90	1.536	15.36	1	10
DE000GZ2HZA0	1.536	15.36	1	10
DE000GZ5VUN8	1.559	15.59	0.95	9.5
DE000GZ5VUP3	1.559	15.59	0.95	9.5
DE000GZ5VUQ1	1.559	15.59	1	10
DE000GZ5VUR9	1.559	15.59	1.1	11
DE000GZ5VUS7	1.559	15.59	1.2	12
DE000GZ5VUT5	1.559	15.59	1.2	12
DE000GZ5VUU3	1.559	15.59	1.4	14
DE000GZ5VUV1	1.559	15.59	1.5	15
DE000GZ6R8S8	1.637	16.37	1	10
DE000GZ6R8T6	1.637	16.37	1.3	13
DE000GZ6R8U4	1.637	16.37	1.1	11
DE000GZ6R8V2	1.637	16.37	1.5	15
DE000GZ6R8W0	1.637	16.37	1.1	11
DE000GZ6R8X8	1.637	16.37	1.4	14
DE000GZ74BP0	2.13	21.3	1.9	19
DE000GZ74BQ8	2.13	21.3	2	20
DE000GZ74BR6	2.13	21.3	2.6	26
DE000GZ74BS4	2.13	21.3	1.3	13
DE000GZ74BT2	2.13	21.3	2.2	22
DE000GZ74BU0	2.13	21.3	2.3	23
DE000GZ74BV8	2.13	21.3	2.6	26

Frankfurt am Main, 24 February 2023
Goldman Sachs Bank Europe SE