

The below Hypothetical Weights are shown for information purposes only and do not reflect the constituents of the Goldman Sachs ActiveBeta® Paris-Aligned Emerging Markets Equity Index. The Hypothetical Weights are a hypothetical indication of what the weightings and constituents of the Goldman Sachs ActiveBeta® Paris-Aligned Emerging Markets Equity Index would be after performing steps 1 and 2 of the index construction methodology, as defined in section II.B. of the Goldman Sachs ActiveBeta® Paris-Aligned Emerging Markets Equity Index Methodology, if the Goldman Sachs ActiveBeta® Paris-Aligned Emerging Markets Equity Index were rebalanced daily using current market data. These hypothetical weights do not reflect the application of the third step of the index construction methodology, which will be completed the Index Administrator, or actual current or future changes to the Goldman Sachs ActiveBeta® Paris-Aligned Emerging Markets Equity Index and the constituents at the next actual rebalance (typically quarterly) may differ substantially. Neither Goldman Sachs Asset Management, L.P. ("GSAM") nor any of its affiliates guarantees the quality, accuracy and/or the completeness of this information nor any data included therein or on which this information is based, and neither GSAM nor any of its affiliates shall be liable to any third party for any loss or damage, direct, indirect or consequential, arising from (i) any inaccuracy or incompleteness in, or delays, interruptions, errors or omissions in this information or any data included therein or on which any of this information is based or (ii) any decision made or action taken by any third party in reliance upon this information or any data.

Goldman Sachs ActiveBeta® Paris-Aligned Emerging Markets Equity Index Hypothetical Weights for 10/11/2023

Name	Weight
360 SECURITY TECHNOLOGY INC	0.000545
37 INTERACTIVE ENTERTAINMENT NET	0.000668
ABB LTD	0.001051
ABOU KIR FERTIL & CHEMICALS	0.001879
ABSA GROUP LTD	0.001536
ABU DHABI COMMERCIAL BANK PJSC	0.001367
ABU DHABI ISLAMIC BANK PJSC	0.000414
ACCTON TECHNOLOGY CORP	0.001713
ACER INC ORD	0.000849
ADVANCED INFO SERVICE PCL	0.000525
ADVANCED INFO SERVICE-NVDR	0.000500
ADVANTECH CO LTD ORD	0.001400
AG ANADOLU GRUBU HOLDING AS	0.001401
AGILITY	0.000484
AGRICULTURAL BANK OF CHINA-A	0.001607
AGRICULTURAL BANK OF CHINA-H	0.001989
AIER EYE HOSPITAL GROUP CO-A	0.000311
AIRPORTS OF THAILAND PCL	0.000366
AIRPORTS OF THAILAND PCL	0.000630
AIRTAC INTERNATIONAL GROUP	0.000556
AISINO CORP	0.000440
AKBANK TAS	0.000919
AKESO INC	0.000343
AL RAJHI BANKING & INVESTMENT CO	0.003404
ALCHIP TECHNOLOGIES LTD	0.000957
ALDAR PROPERTIES COMPANY	0.001783
ALFA S.A.B.-A	0.000683
ALIBABA GROUP HOLDING LTD	0.024402
ALINMA BANK SJSC	0.001183
ALKEM LABORATORIES LTD	0.000731
ALMARAI COMPANY SJSC	0.001346
ALPHA SERVICES AND HOLDINGS	0.000781
AMBEV SA	0.001574
AMERICA MOVIL SAB DE CV	0.002887
AMMB HOLDINGS BHD	0.000771
AMOREPACIFIC CORP ORD	0.000963
AMOREPACIFIC GROUP (PACIFIC) ORD	0.000897
ANADOLU EFES BIRACILIK VE	0.001248
ANHUI GUJING DISTILLERY CO-A	0.000475
ANTA SPORTS PRODUCTS LTD	0.002418
APOLLO HOSPITALS ENTERPRISE	0.000490
ARAB NATIONAL BANK	0.000469
ARABIAN INTERNET & COMMUNICA	0.001160
ARCA CONTINENTAL SAB DE CV	0.002393
ASE TECHNOLOGY HOLDING CO LTD	0.002292
ASELSAN ELEKTRONIK SANAYI VE TIC	0.000410
ASHOK LEYLAND LTD ORD	0.000497
ASIA CEMENT CORP	0.000555
ASIAN PAINTS LTD	0.002243
ASPEED TECHNOLOGY INC	0.001893
ASPEN PHARMACARE HOLDINGS LT	0.000778
ASSET WORLD CORP PCL	0.000248
ASSET WORLD CORP PCL-NVDR	0.000237
ASUSTEK COMPUTER INC	0.001008
AUROBINDO PHARMA LTD	0.002233
AUTOHOME INC-ADR	0.000348
AVENUE SUPERMARTS LTD	0.000560
AXIS BANK LTD	0.003336
B3 SA BRASIL BOLSA BALCAO	0.000669
BAIDU INC - SPON ADR	0.002580
BAJAJ AUTO LTD	0.000965
BAJAJ FINANCE LTD	0.001107
BAJAJ FINSERV LIMITED	0.000478
BANCO BRADESCO S.A.	0.000728
BANCO BRADESCO SA ORD PFD	0.001354
BANCO BTG PACTUAL SA-UNIT	0.000630
BANCO DE CHILE	0.001698
BANCO DE CREDITO E INVERSION	0.000735
BANCO DO BRASIL S.A.	0.001744
BANCO SANTANDER BRASIL SA UNITS	0.000588
BANCO SANTANDER CHILE	0.001196
BANCOLOMBIA SA	0.000450
BANCOLOMBIA SA-PREF	0.000625
BANGKOK BANK PCL	0.000705

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Name	Weight
BANGKOK BANK PCL	0.000775
BANGKOK DUSIT MED SERVI-NVDR	0.000353
BANGKOK DUSIT MED SERVICE	0.000460
BANK ALBILAD SJSC	0.000395
BANK CENTRAL ASIA TBK PT	0.003014
BANK MANDIRI (PERSERO) TBK PT	0.001911
BANK NEGARA INDONESIA (PERSERO)	0.000881
BANK OF BARODA ORD	0.001240
BANK OF BEIJING CO LTD	0.001309
BANK OF CHINA LTD	0.001817
BANK OF CHINA LTD-H	0.004219
BANK OF COMMUNICATIONS CO-A	0.001630
BANK OF COMMUNICATIONS CO-H	0.001123
BANK OF HANGZHOU CO LTD-A	0.000450
BANK OF JIANGSU CO LTD-A	0.001062
BANK OF NANJING CO LTD	0.000673
BANK OF SHANGHAI CO LTD-A	0.001046
BANK OF THE PHILIPPINE ISLANDS	0.000424
BANK RAKYAT INDONESIA (PERSERO)	0.002893
BANQUE SAUDI FRANSI SJSC	0.000382
BAOSHAN IRON & STEEL CO LTD	0.000874
BB SEGURIDADE PARTICIPACOES	0.002361
BBMG CORP	0.000708
BBMG CORP	0.000440
BDO UNIBANK INC	0.000867
BEIGENE LTD-ADR	0.000524
BEIJING E-HUALU INFO TECH-A	0.000339
BEIJING KINGSOFT OFFICE SOFTWARE	0.000322
BEIJING ORIGINWATER TECHNO-A	0.000453
BEIJING SHIJI INFORMATION -A	0.000289
BEIJING WANTAI BIOLOGICAL PHARMA	0.000237
BEIJING YANJING BREWERY CO-A	0.000689
BERGER PAINTS INDIA LTD	0.000607
BERLI JUCKER PCL ORD	0.000672
BGF RETAIL CO LTD	0.001348
BHARAT FORGE LTD	0.001004
BHARTI AIRTEL LTD	0.002978
BID CORP LTD	0.002004
BIDVEST GROUP LTD	0.001399
BIM BIRLESIK MAGAZALAR AS	0.001692
BLOOMAGE BIOTECHNOLOGY COR-A	0.000342
BNK FINANCIAL GROUP INC	0.001169
BOC AVIATION LTD	0.000226
BOC HONG KONG HOLDINGS LTD ORD	0.000854
BOE TECHNOLOGY GROUP CO LTD	0.000370
BOROUGE PLC	0.000614
BOSCH LTD	0.000889
BOUBYAN BANK KSC	0.000463
BRITANNIA INDUSTRIES LTD	0.001603
BUMRUNGRAD HOSPITAL PCL	0.001446
BUMRUNGRAD HOSPITAL PUB CO	0.001637
BUPA ARABIA FOR COOPERATIVE INSU	0.000989
BY-HEALTH CO LTD	0.000529
C&D INTERNATIONAL INVESTMENT GRO	0.000498
CAITONG SECURITIES CO LTD-A	0.000390
CAIXA SEGURIDADE PARTICIPACO	0.000770
CANARA BANK	0.001166
CANMAX TECHNOLOGIES CO LTD	0.000524
CAPITEC BANK HOLDINGS LTD ORD	0.000339
CATCHER TECHNOLOGY	0.001977
CATHAY FINANCIAL HOLDING CO LTD	0.001159
CELCOMDIGI BHD	0.000438
CELLTRION INC	0.000463
CEMEX SAB DE CV	0.001155
CEMIG ENERGETICA MINAS GER ORD	0.000685
CENTRAIL RETAIL CORPORATION PCL	0.001219
CENTRAIS ELETRICAS BRAS-PR B	0.001214
CENTRAIS ELETRICAS BRASILIER	0.001269
CENTRAL RETAIL CORP PCL	0.000873
CG POWER AND INDUSTRIAL SOLUTION	0.000907
CGN POWER CO LTD	0.000913
CGN POWER CO LTD	0.000981
CHAILEASE HOLDING CO LTD ORD	0.000467
CHANDRA ASRI PETROCHEMICAL	0.000393

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Name	Weight
CHANG HWA COMMERCIAL BANK ORD	0.000676
CHANGCHUN HIGH & NEW TECH-A	0.000600
CHANGJIANG SECURITIES CO LTD	0.000389
CHEIL WORLDWIDE (CHEIL COM) INC	0.001852
CHICONY ELECTRONIC CO LTD ORD	0.001821
CHINA CINDA ASSET MANAGEMENT CO	0.000448
CHINA CITIC BANK CORP LTD	0.000729
CHINA CITIC BANK CORP LTD-H	0.001707
CHINA CONSTRUCTION BANK CORP	0.001119
CHINA CONSTRUCTION BANK-H	0.005992
CHINA DEVELOPMENT FINL HOLDING O	0.000778
CHINA ENERGY ENGINEERING CORP LT	0.000442
CHINA EVERBRIGHT BANK CO LTD	0.001084
CHINA EVERBRIGHT BANK H	0.001012
CHINA FEIHE LTD	0.001370
CHINA GALAXY SECURITIES CO-A	0.000715
CHINA GALAXY SECURITIES CO-H	0.000960
CHINA INTERNATIONAL CAPITAL CORP	0.000365
CHINA JUSHI CO LTD -A	0.000432
CHINA LIFE INSURANCE CO LTD	0.001002
CHINA MERCHANTS BANK CO LTD	0.000446
CHINA MERCHANTS BANK-H	0.001228
CHINA MERCHANTS PORT HOLDINGS CO	0.000627
CHINA MERCHANTS SECURITIES CO	0.000374
CHINA MINSHENG BANKING CORP LT	0.001161
CHINA MINSHENG BANKING CORP LTD	0.000937
CHINA NATIONAL NUCLEAR POWER C	0.000498
CHINA NATIONAL SOFTWARE -A	0.000310
CHINA PACIFIC INSURANCE GR-H	0.000528
CHINA PACIFIC INSURANCE GROUP CO	0.000588
CHINA RAILWAY GROUP LTD	0.000734
CHINA RAILWAY GROUP LTD-A	0.000801
CHINA RAILWAY SIGNAL & COM-A	0.000722
CHINA RESOURCES BEER HOLDINGS CO	0.000363
CHINA RESOURCES LAND LTD	0.000210
CHINA RESOURCES PHARMACEUTICAL	0.001419
CHINA RESOURCES SANJIU MED-A	0.000745
CHINA STATE CONSTRUCTION ENGIN	0.000415
CHINA STEEL CORP	0.000466
CHINA TAIPING INSURANCE HLDGS CO	0.000423
CHINA THREE GORGES NEW ENERGY GR	0.000419
CHINA TOWER CORP LTD	0.001115
CHINA UNITED NETWORK COMMUNICA	0.000809
CHINA YANGTZE POWER CO LTD-A	0.000795
CHINA ZHESHANG BANK CO LTD-A	0.001008
CHOLAMANDALAM INVESTMENT & FINAN	0.000706
CHONGQING BREWERY CO LTD	0.000888
CHONGQING CHANGAN AUTOMOBILE CO	0.000397
CHONGQING RURAL COMMERCIAL-A	0.000846
CHONGQING RURAL COMMERCIAL-H	0.001434
CHROMA ATE INC	0.000857
CHUNGHWA TELECOM CO LTD ORD	0.000580
CIA CERVECERIAS UNIDAS (CCU) ORD	0.000580
CIA DE CONCESSOES RODOVIARIA	0.000867
CIA ENERGETICA MINAS GER-PRF	0.001124
CIA SANEAMENTO BASICO DE SP	0.001012
CIMB GROUP HOLDINGS BHD	0.001249
CIPLA LTD	0.001872
CITIC LTD	0.001277
CITIC SECURITIES CO LTD	0.000390
CJ CHEILJEDANG CORP	0.000912
CJ CORP ORD	0.001254
CJ ENM CO LTD	0.000458
CLICKS GROUP LTD	0.001303
CMOC GROUP LTD	0.000786
COCA-COLA FEMSA SAB DE CV	0.002467
COLGATE PALMOLIVE (INDIA) LTD OR	0.003003
COM7 PCL	0.000920
COMMERCIAL BANK OF QATAR QSC	0.000900
COMMERCIAL INTERNATIONAL BANK (E	0.003338
COMPAL ELECTRONICS INC ORD	0.001793
COSCO SHIPPING DEVELOPME-A	0.000574
COSCO SHIPPING HOLDINGS CO LTD	0.001247
COSCO SHIPPING HOLDINGS CO LTD	0.001081

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Name	Weight
COSMOAM&T CO LTD	0.000574
COUNTRY GARDEN HOLDINGS CO LTD	0.000266
COUNTRY GARDEN SERVICES HOLDINGS	0.000287
COWAY CO LTD	0.001124
CP ALL PCL	0.001021
CPFL ENERGIA SA	0.000560
CRRC CORP LTD	0.001360
CRRC CORP LTD	0.001061
CTBC FINANCIAL HOLDING CO LTD	0.001109
CUMMINS INDIA LTD ORD	0.001237
DABUR INDIA LTD ORD	0.000696
DASHENLIN PHARMACEUTICAL GROUP C	0.000698
DAYAMITRA TELEKOMUNIKASI TBK	0.000395
DB HITEK CO LTD	0.001589
DB INSURANCE CO LTD	0.000574
DELHIVERY LTD	0.001677
DELTA ELECTRONICS INC	0.002716
DELTA ELECTRONICS THAILAND PCL	0.000579
DHC SOFTWARE CO LTD -A	0.000411
DISCOVERY HOLDINGS LTD	0.000793
DIVIS LABORATORIES LTD ORD	0.000854
DL E&C CO LTD	0.000516
DOGUS OTOMOTIV SERVIS VE TICARET	0.001232
DONG-E-E-JIAOCO LTD-A	0.000770
DONGFANG ELECTRIC CORP LTD	0.000274
DONGFANG ELECTRIC CORP LTD	0.000222
DONGFENG MOTOR GROUP CO LTD	0.000565
DONGXING SECURITIES CO LTD	0.000372
DOOSAN BOBCAT INC	0.000450
DOOSAN CO LTD	0.000510
DR REDDYS LABORATORIES LTD ORD	0.003148
DR SULAIMAN AL HABIB MEDICAL SER	0.001100
DUBAI ISLAMIC BANK PJSC	0.002140
E INK HLDGS (PRIME VIEW INTL) OR	0.000512
E SUN FINANCIAL HOLDING CO ORD	0.000488
ECOPRO BM CO LTD	0.000836
ECOPRO CO LTD	0.001284
ECOVACS ROBOTICS CO LTD	0.000649
EFG HERMES HOLDING SAE	0.000931
EICHER MOTORS LTD	0.001075
EL PUERTO DE LIVERPOOL SA ORD C1	0.001122
ELM CO	0.000930
EMAAR PROPERTIES PJSC	0.003819
EMBASSY OFFICE PARKS REIT	0.000607
EMEMORY TECHNOLOGY INC	0.002412
EMIRATES NBD PJSC	0.001879
EMIRATES TELECOMMUNICATIONS CORP	0.000926
ENEL AMERICAS SA	0.000690
ENERGISA SA-UNITS	0.000507
EOPTOLINK TECHNOLOGY INC. LTD. C	0.000470
ETIHAD ETISALAT CO SJSC	0.001640
EUROBANK ERGASIAS SERVICES AND H	0.000746
EVA AIRWAYS CORP	0.000485
EVERGREEN MARINE	0.001255
EZZ STEEL CO SAE	0.000891
F&F CO LTD / NEW	0.001490
FANGDA CARBON NEW MATERIAL-A	0.000459
FAR EASTERN NEW CENTURY CORP	0.001265
FAR EASTONE TELECOM.	0.000431
FENG TAY ENTERPRISE CO LTD	0.001207
FIBRA UNO ADMINISTRACION SA	0.001233
FILA HOLDINGS CORP	0.000913
FIRST ABU DHABI BANK PJSC	0.001771
FIRST FINANCIAL HOLDING ORD	0.001370
FIRSTRAND LTD	0.001685
FOMENTO ECONOMICO MEXICA - UBD	0.004497
FORMOSA CHEM & FIBRE	0.000667
FORMOSA PLASTICS CORP	0.000685
FOXCONN INDUSTRIAL INTERNE-A	0.001300
FOXCONN TECHNOLOGY	0.001106
FUBON FINL.HLDG.	0.001371
FUYAO GLASS INDUSTRY GROUP-A	0.000486
G-BITS NETWORK TECHNOLOGY-A	0.000610
GAMUDA BHD	0.001279

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Name	Weight
GEMDALE CORP	0.000469
GENTING BERHAD	0.000537
GENTING MALAYSIA BHD	0.000338
GERDAU SA PFD	0.000776
GIAANT BIOGENE HOLDING CO LTD	0.000600
GIRISIM ELEKTRIK TAAHHUT TIC	0.000404
GLOBAL UNICHIP CORP	0.001660
GLOBALWAFERS CO LTD	0.000378
GREE ELECTRIC APPLIANCES I-A	0.000779
GREEN CROSS CORP ORD	0.000352
GRG BANKING EQUIPMENT CO -A	0.000425
GRUMA SAB DE CV	0.001675
GRUPO AEROPORTUARIO DEL SURESTE	0.000939
GRUPO BIMBO SAB- SERIES A	0.002495
GRUPO CARSO SAB DE CV-SER A1	0.000958
GRUPO COMERCIAL CHEDRAUI SA	0.001380
GRUPO ELEKTRA SAB	0.000498
GRUPO FINANCIERO BANORTE SAB DE	0.003064
GRUPO MEXICO SAB DE CV	0.000618
GS RETAIL CO LTD	0.000616
GUANGDONG HAID GROUP CO-A	0.000338
GUANGZHOU BAIYUNSHAN PHARMACEUTI	0.000977
GUANGZHOU BAIYUNSHAN PHARMACEUTI	0.000587
GUANGZHOU KINGMED DIAGNOSTICS GR	0.000598
GUJARAT FLUOROCHEMICALS LTD	0.000968
GULF BANK KSC	0.000466
GUOSEN SECURITIES CO LTD	0.000437
GUOTAI JUNAN SECURITIES CO LTD	0.000695
GUOTAI JUNAN SECURITIES CO LTD	0.000493
HAILILAO INTERNATIONAL HOLDING	0.002234
HAIER SMART HOME CO LTD	0.001370
HAIER SMART HOME CO LTD-H	0.001783
HAITONG SECURITIES CO LTD	0.000695
HAITONG SECURITIES CO. LTD	0.000557
HANA FINANCIAL GROUP INC ORD	0.000984
HANGZHOU BINJIANG REAL EST-A	0.000636
HANMI PHARM CO LTD	0.002082
HANSSEM CO. LTD	0.000892
HCL TECHNOLOGIES LTD	0.003290
HD HYUNDAI INFRACORE CO LTD	0.000236
HDFC ASSET MANAGEMENT CO LTD	0.000547
HEFEI MEIYA OPTOELECTRONIC-A	0.000357
HELLENIC TELECOMMUNICATION ORGAN	0.001818
HENAN SHENHUO COAL & POWER-A	0.000430
HENAN SHUANGHUI INVESTMENT-A	0.000459
HENGAN INTL GROUP CO LTD	0.001017
HERO MOTOCORP LTD	0.000742
HINDUSTAN UNILEVER LTD	0.002880
HITE JINRO (JINRO) CO LTD ORD	0.000831
HITHINK ROYALFLUSH INFORMA-A	0.000646
HMM CO LTD	0.000626
HOME PRODUCT CENTER PCL	0.000486
HON HAI PRECN.IND.	0.004629
HONG LEONG BANK BERHAD	0.000637
HOTAI MOTOR CO ORD	0.000646
HOTEL SHILLA	0.002295
HUA NAN FINANCIAL HOLDING CO ORD	0.001135
HUADONG MEDICINE CO LTD-A	0.000827
HUAGONG TECH CO LTD-A	0.000656
HUANENG LANCANG RIVER HYDR-A	0.000619
HUATAI SECURITIES CO LTD	0.000673
HUATAI SECURITIES CO LTD	0.000536
HUAXIA BANK CO LTD	0.001175
HUAYU AUTOMOTIVE SYSTEMS COMPANY	0.000807
HUNAN VALIN STEEL CO LTD -A	0.000500
HUNDSUN TECHNOLOGIES INC	0.000405
HYPERA SA	0.000457
HYUNDAI AUTOEVER CORP	0.000969
HYUNDAI DEPARTMENT STORE CO LTD	0.001187
HYUNDAI GLOVIS (GLOVIS) CO LTD O	0.000917
HYUNDAI MARINE & FIRE IN.	0.000455
HYUNDAI MOBIS	0.001311
HYUNDAI MOTOR CO	0.002166
HYUNDAI MOTOR CO LTD 2ND PFD	0.001521

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**Goldman Sachs ActiveBeta® Paris-Aligned Emerging Markets Equity Index Hypothetical Weights for 10/11/2023**

Name	Weight
HYUNDAI MOTOR CO LTD PFD	0.001486
HYUNDAI ROTEM CO LTD	0.000612
HYUNDAI STEEL CO	0.000461
ICICI BANK LTD ORD	0.007618
ICICI LOMBARD GENERAL INSURANCE	0.000466
IDFC FIRST BANK LTD	0.000694
IFLYTEK CO LTD - A	0.000330
IMEIK TECHNOLOGY DEVELOPMENT CO	0.000249
IMPALA PLATINUM HOLDINGS LTD	0.000519
IND & COMM BK OF CHINA-H	0.004130
INDAH KIAT PULP & PAPER TBK PT	0.000754
INDIAN HOTELS CO LTD	0.000759
INDOFOOD CBP SUKSES MAKMUR T	0.001189
INDOFOOD SUKSES MAKMUR TBK PT	0.001688
INDORAMA VENTURES PCL	0.000733
INDORAMA VENTURES PCL-NVDR	0.000733
INDUSIND BANK LTD	0.001600
INDUSTRIAL AND COMMERCIAL BANK O	0.001154
INDUSTRIAL BANK CO LTD -A	0.000733
INDUSTRIAL BANK OF KOREA	0.000865
INDUSTRIAL SECURITIES CO LTD	0.000360
INDUSTRIES QATAR QSC	0.000342
INFOSYS (INFOSYS TECH) LTD ORD	0.007591
INNER MONGOLIA YILI INDUSTRIAL G	0.000487
INTERNATIONAL CO FOR WATER &	0.001010
INTERNATIONAL HOLDINGS CO PJSC	0.002100
INVENTEC CORP ORD	0.001692
INVESTEC LTD	0.000979
IS YATIRIM MENKUL DEGERLER AS	0.002008
ITAU UNIBANCO HLDG (MULTIPL) PF	0.002856
ITAU UNIBANCO HOLDING SA	0.000771
ITAUUSA-INVESTIMENTOS ITAU-PR	0.001004
JA SOLAR TECHNOLOGY CO LTD-A	0.000424
JAFRON BIOMEDICAL CO LTD-A	0.000443
JARIR MARKETING COMPANY SJSC	0.001332
JCET GROUP CO LTD	0.000825
JD HEALTH INTERNATIONAL INC	0.000438
JD.COM INC	0.004321
JIANGSU EXPRESS CO LTD-H	0.000559
JIANGSU HENGRUI MEDICINE CO LTD	0.001098
JIANGSU PHOENIX PUBLISHING & MED	0.000362
JIANGXI COPPER CO LTD	0.000911
JIANGXI COPPER CO LTD-H	0.000941
JIANGXI SPECIAL ELECTRIC -A	0.000369
JIUGUI LIQUOR CO LTD-A	0.000698
JOINTOWN PHARMACEUTICAL-A	0.000737
JSW STEEL LTD	0.001831
JUBILANT FOODWORKS LTD ORD	0.000433
JUMBO SA	0.001151
KALBE FARMA TBK PT	0.001572
KANGWON LAND INC	0.000462
KASIKORNBANK PCL	0.000487
KB FINANCIAL GROUP INC	0.001138
KE HOLDINGS INC	0.001005
KIA CORP	0.001737
KIMBERLY-CLARK DE MEXICO-A	0.000766
KINGDEE INTERNATIONAL SFTWR	0.000230
KINGNET NETWORK CO LTD-A	0.000661
KINGSOFT CORP LTD	0.000350
KLABIN SA - UNIT	0.000681
KOREA INVESTMENT HLG (DONGWOON)	0.000493
KOREAN AIR LINES CO LTD ORD	0.000640
KOTAK MAHINDRA BANK LIMITED	0.001258
KOZA ALTIN ISLETMELERI AS.	0.000337
KRAFTON INC	0.000335
KRUNG THAI BA	0.000748
KRUNG THAI BANK PCL	0.000879
KT CORP	0.000813
KUAISHOU TECHNOLOGY	0.001661
KUM YANG CO LTD	0.001139
KUMBA IRON ORE LTD	0.000973
KUNLUN TECH CO LTD-A	0.000263
KUWAIT FINANCE HOUSE KSC	0.001457
KWEICHOW MOUTAI CO LTD	0.002785

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**Goldman Sachs ActiveBeta® Paris-Aligned Emerging Markets Equity Index Hypothetical Weights for 10/11/2023**

Name	Weight
L&T TECHNOLOGY SERVICES LTD	0.001641
LARGAN PRECISION	0.001150
LENOVO GROUP LTD	0.001915
LG CHEM LTD	0.000310
LG CORP	0.000379
LG ELECTRONICS INC	0.001408
LG ELECTRONICS INC ORD PFD	0.000959
LG ENERGY SOLUTION	0.000347
LG H&H	0.001266
LG H&H PFD	0.000789
LG UPLUS ( LG TELECOM) CORP ORD	0.001724
LI AUTO INC-CLASS A	0.001025
LI NING CO LTD	0.001378
LIAONING PORT CO LTD	0.000560
LIFE INSURANCE CORPORATION	0.001285
LITE-ON TECHNOLOGY CORP	0.001414
LOCALIZA RENT A CAR SA	0.000318
LOGO YAZILIM SANAYI VE TICARET A	0.000459
LOJAS RENNEN SA	0.000470
LONGFOR GROUP HOLDINGS LTD	0.000453
LONGI GREEN ENERGY TECHNOL-A	0.000594
LOTES CO LTD	0.001468
LOTTE CORP	0.000393
LOTTE SHOPPING CO LTD	0.000927
LTIMINDTREE LTD	0.000498
LUFAX HOLDING LTD	0.000230
LUPIN (LAB) LTD ORD	0.000400
LUZHOU LAOJIAO CO LTD-A	0.000805
MABANEE CO SAKC	0.000512
MACRONIX INTERNATIONAL	0.000701
MAHINDRA & MAHINDRA LTD	0.001826
MALAYAN BANKING BHD	0.001337
MANILA ELECTRIC CO	0.000475
MARICO LTD ORD	0.001693
MARUTI SUZUKI INDIA LTD	0.001246
MASRAF AL RAYAN QSC	0.000306
MAX HEALTHCARE INSTITUTE LTD	0.000381
MEDIATEK	0.005043
MEGA FINANCIAL HOLDING CO LTD OR	0.000611
MEITUAN	0.007555
MERITZ FINANCIAL GROUP INC	0.001006
METALLURGICAL CORP OF CHINA LT	0.000706
MICRO-STAR INTERNATIONAL CO LTD	0.002141
MIGROS TICARET AS	0.000983
MIRAE ASSET SECURITIES CO LTD	0.000548
MOBILE TELECOMMUNICATIONS CO KSC	0.001495
MOMO.COM INC	0.001408
MPHASIS LTD	0.002141
MR DIY GROUP M BHD	0.000819
MTN GROUP LTD	0.000962
MULTICHOICE GROUP LTD	0.000997
NAHDI MEDICAL CO	0.001885
NAN YA PLASTIC	0.000592
NANYA TECHNOLOGY CORP ORD	0.000958
NASPERS LTD-N SHS	0.001731
NATIONAL BANK OF KUWAIT	0.003093
NATURA &CO HOLDING SA	0.001358
NAVER CORP	0.000920
NCSOFT CORP ORD	0.000799
NEDBANK GROUP LTD	0.001375
NEOENERGIA SA	0.001154
NESTLE INDIA LTD	0.002843
NESTLE MALAYSIA BHD ORD	0.001498
NETEASE INC	0.003253
NEW CHINA LIFE INSURANCE	0.000689
NEW CHINA LIFE INSURANCE CO LTD	0.000562
NEW ORIENTAL EDUCATION & TECHNOL	0.000850
NH INVESTMENT & SECURITIES CO LT	0.000592
NHPC LIMITED	0.000761
NIEN MADE ENTERPRISE CO LTD	0.001356
NINGBO DEYE TECHNOLOGY CO LTD	0.000208
NINGBO ZHOUSHAN PORT CO LTD	0.000416
NMDC LTD	0.001991
NONGFU SPRING CO LTD-H	0.002971

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Goldman Sachs ActiveBeta® Paris-Aligned Emerging Markets Equity Index Hypothetical Weights for 10/11/2023

Name	Weight
NONGSHIM CO LTD ORD	0.001630
NOVATEK MICROELECTRONICS CORP OR	0.002217
NU HOLDINGS LTD	0.001015
OCI HOLDINGS CO LTD	0.000334
OLD MUTUAL LTD	0.000818
OOREDOO QSC	0.002037
OPAP S.A.	0.001312
ORACLE FINANCIAL SERVICES SOFWA	0.002104
ORIENT OVERSEAS INTERNATIONAL LT	0.001021
ORION CORP	0.001714
OSOTSPA PCL	0.000747
OSOTSPA PCL-NVDR	0.000280
OTP BANK PLC	0.000481
OUTSURANCE GROUP LTD	0.002272
PAGE INDUSTRIES LTD	0.001871
PAN OCEAN CO LTD	0.000417
PARADE TECHNOLOGIES LTD	0.000919
PEGASUS HAVA TASIMACILIGI AS	0.000623
PEGATRON CORP ORD	0.001100
PEOPLES INSURANCE CO GROUP OF CH	0.001733
PEPKOR HOLDINGS LTD	0.000770
PERSISTENT SYSTEMS LTD	0.001594
PETRONAS CHEMICALS GROUP BHD	0.000459
PI INDUSTRIES LTD	0.000871
PICC HOLDING CO-A	0.001334
PICC PROPERTY AND CASUALTY CO LT	0.001765
PIDILITE INDUSTRIES LIMITED	0.000540
PINDUODUO INC	0.007829
PING AN BANK CO LTD	0.000455
PING AN INSURANCE GROUP CO-H	0.003933
PING AN INSURANCE GROUP COMPANY	0.000921
PIRAEUS FINANCIAL HOLDINGS SA	0.000610
POLYCARB INDIA LTD	0.000608
POP MART INTERNATIONAL GROUP LTD	0.000864
PORTO SEGURO SA	0.000868
POSTAL SAVINGS BANK OF CHINA C	0.000770
POSTAL SAVINGS BANK OF CHINA CO	0.000714
POU CHEN CORP ORD	0.001245
POWER FINANCE CORPORATION	0.003032
POWERTECH TECHNOLOGY INC	0.001493
PRESIDENT CHAIN STORE	0.001939
PSMC ORD	0.000307
PUBLIC BANK BERHAD	0.000680
PUNJAB NATIONAL BANK	0.000911
QATAR INTERNATIONAL ISLAMIC	0.000550
QATAR ISLAMIC BANK SAQ	0.001897
QATAR NATIONAL BANK SAQ	0.002486
QINGHAI SALT LAKE INDUSTRY-A	0.000828
QL RESOURCES BHD	0.000599
QUANTA COMPUTER	0.002282
RAIA DROGASIL SA	0.002189
REALTEK SEMICONDUCTOR CORP	0.002157
REC LTD	0.003058
REMGRO LTD	0.000923
RHB BANK BHD	0.000689
RICHTER GEDEON VEGYESZETI GYAR N	0.001101
RIYAD BANK SJSC	0.000362
RUENTEX DEVELOPMENT CO LTD ORD	0.000393
S1 CORP ORD	0.000663
SABIC AGRI-NUTRIENTS CO	0.002002
SAHARA INTERNATIONAL PETROCHEMIC	0.000907
SAIC MOTOR CORP LTD	0.000710
SAMSUNG BIOLOGICS CO LTD	0.000738
SAMSUNG C&T CORP	0.000848
SAMSUNG CARD CO LTD ORD	0.000742
SAMSUNG ELECTRONICS CO LTD	0.035189
SAMSUNG ELTN.PF.	0.004419
SAMSUNG ELTO.MECHANICS	0.000988
SAMSUNG ENGINEERING	0.001062
SAMSUNG FIRE & MARINE INS ORD	0.000855
SAMSUNG LIFE INSURANCE CO LTD	0.000944
SAMSUNG SDI CO LTD	0.001492
SAMSUNG SDI CO LTD-PREF	0.000291
SAMSUNG SDS CO LTD	0.001411



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**Goldman Sachs ActiveBeta® Paris-Aligned Emerging Markets Equity Index Hypothetical Weights for 10/11/2023**

Name	Weight
SAMSUNG SECURITIES CO LTD ORD	0.000663
SAMVARDHANA MOTHERSON INTERNATIO	0.001126
SANGFOR TECHNOLOGIES INC-A	0.000334
SANLAM LTD	0.000813
SARANA MENARA NUSANTARA PT	0.000346
SASA POLYESTER SANAYI AS	0.000298
SAUDI ARABIAN MINING COMPANY SJS	0.001428
SAUDI BASIC INDUSTRIES CORPORATI	0.002371
SAUDI BRITISH BANK SJSC	0.001170
SAUDI KAYAN PETROCHEMICAL COMPAN	0.000862
SAUDI TELECOM CO	0.002329
SAVOLA GROUP COMPANY SJSC	0.001107
SBI CARDS & PAYMENT SERVICES LTD	0.000426
SBI LIFE INSURANCE CO LTD	0.000416
SCB X PCL	0.000400
SCHAEFFLER INDIA LTD	0.000853
SD BIOSENSOR INC	0.000512
SEAZEN HOLDINGS CO LTD	0.000429
SEEGENE INC	0.000220
SEMEN INDONESIA PERSERO TBK PT	0.001030
SG MICRO CORP-A	0.000539
SHANDONG NANSHAN ALUMINUM-A	0.000669
SHANGHAI BAIRUN INVESTMENT-A	0.000333
SHANGHAI BAOSIGHT SOFTWARE-A	0.000425
SHANGHAI COMMERCIAL & SAVINGS BA	0.000374
SHANGHAI ELECTRIC GROUP CO LTD	0.000448
SHANGHAI ELECTRIC GROUP CO LTD	0.000512
SHANGHAI FUDAN MICROELECTRONIC	0.000605
SHANGHAI FUDAN MICROELECTRONICS	0.000476
SHANGHAI INTERNATIONAL POR-A	0.000579
SHANGHAI LINGANG HOLDINGS CORP L	0.000478
SHANGHAI LUJIAZUI FIN&TRAD-A	0.000384
SHANGHAI ORIENTAL PEARL GR-A	0.000380
SHANGHAI PUDONG DEVEL BANK-A	0.001053
SHANGHAI RAAS BLOOD PRODUC-A	0.000740
SHANGHAI RURAL COMMERCIAL BANK C	0.000778
SHANGHAI YUYUAN TOURIST MART GRO	0.000544
SHANXI XINGHUACUN FEN WINE FACTO	0.001270
SHENWAN HONGYUAN GROUP CO LTD	0.000607
SHENZHEN INOVANCE TECHNOLOGY CO	0.000446
SHENZHEN KAIFA TECHNOLOGY-A	0.000373
SHENZHEN KSTAR SCIENCE AND-A	0.000285
SHENZHEN MINDARY BIO-MEDICAL ELE	0.001005
SHENZHEN NEW INDUSTRIES BIOMEDIC	0.000400
SHENZHEN OVERSEAS CHINESE TOWN	0.000415
SHENZHEN SED INDUSTRY CO-A	0.000400
SHENZHEN TRANSSION HOLDING-A	0.000500
SHIJIJIAHUANG YILING PHARMA-A	0.000838
SHIN KONG FINANCIAL HOLDING CO O	0.000732
SHINHAN FINANCIAL GROUP CO LTD	0.001055
SHINSEGAE	0.000873
SHOPRITE HOLDINGS LTD	0.001433
SHRIRAM FINANCE LTD	0.001099
SIAM GLOBAL HOUSE PCL	0.000310
SIBANYE STILLWATER LTD	0.000289
SICHUAN CHUANTOU ENERGY CO LTD	0.001072
SICHUAN KELUN PHARMACEUTIC-A	0.000806
SICHUAN SWELLFUN CO LTD-A	0.000718
SICHUAN YAHUA INDUSTRIAL-A	0.000420
SIEMENS INDIA LTD	0.000669
SILICON MOTION TECHNOLOGY	0.001371
SIME DARBY PLANTATION BHD	0.000470
SINO-AMERICAN SILICON PRODUC	0.000825
SINOMINE RESOURCE GROUP CO LTD	0.000357
SINOPAC FINANCIAL HOLDINGS CO OR	0.000936
SINOPHARM GROUP CO LTD	0.001443
SINOTRANS LTD	0.001056
SINOTRUK (HONG KONG) LTD	0.000500
SK BIOPHARMACEUTICALS CO LTD	0.001130
SK HYNIX INC	0.005056
SK SQUARE CO LTD	0.000440
SK TELECOM CO LTD	0.001625
SOC QUIMICA Y MINERA CHILE-B	0.001799
SOK MARKETLER TICARET AS	0.001185

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**Goldman Sachs ActiveBeta® Paris-Aligned Emerging Markets Equity Index Hypothetical Weights for 10/11/2023**

Name	Weight
SOOCHOW SECURITIES CO LTD	0.000455
SSANGYONG C&E CO LTD	0.000531
STANDARD BANK GROUP LTD	0.002132
STATE BANK OF INDIA LTD ORD	0.002286
SUMBER ALFARIA TRIJAYA TBK	0.002454
SUN PHARMACEUTICAL INDUS	0.001751
SUZANO SA	0.001314
SYNNEX TECHNOLOGY INTERNATIONAL	0.000670
TAISHIN FINANCIAL HOLDINGS CO OR	0.000467
TAIWAN ACCEPTANCE CORP	0.000500
TAIWAN BUSINESS BANK ORD	0.001047
TAIWAN COOPERATIVE FINL HOLDING	0.001013
TAIWAN HIGH SPEED RAIL CORP ORD	0.001111
TAIWAN MOBILE CO LTD	0.000574
TAIWAN SEMICONDUCTOR MANUFAC	0.058622
TATA COMMUNICATIONS LTD	0.000768
TATA CONSULTANCY SVCS LTD	0.005409
TATA CONSUMER PRODUCTS LTD	0.000928
TATA ELXSI LTD	0.001349
TATA MOTORS LIMITED CLASS A	0.001227
TATA MOTORS LTD ORD	0.001777
TATA STEEL LTD	0.001518
TATUNG CO LTD	0.001012
TCL TECHNOLOGY GROUP CORP	0.000209
TECH MAHINDRA LTD	0.002347
TELEFONICA BRASIL S.A.	0.000909
TELKOM INDONESIA PERSERO TBK PT	0.001849
TENCENT HOLDINGS LTD	0.033455
TENCENT MUSIC ENTERTAINMENT GROU	0.000581
TERNA ENERGY SA	0.000665
THAI BEVERAGE PCL	0.001044
THE SAUDI NATIONAL BANK	0.001960
THONBURI HEALTHCARE GROUP PC	0.000357
TIANQI LITHIUM CORP-A	0.000851
TIANQI LITHIUM CORP-H	0.001110
TIM SA	0.000947
TIME DOTCOM BHD	0.000467
TINGYI (CAYMAN ISLN) HLDG CO	0.001181
TISCO FINANCIAL GROUP PCL	0.000524
TISCO FINANCIAL GROUP-NVDR	0.000500
TITAN INDUSTRIES LTD	0.001872
TMBTHANACHART BANK PCL	0.000600
TMBTHANACHART BANK PCL-NVDR	0.000500
TOFAS TURK OTOMOBIL FABRIKA	0.000760
TONGWEI CO LTD-A	0.000722
TOPSPORTS INTERNATIONAL HOLDINGS	0.002108
TORRENT PHARMACEUTICALS LTD	0.001146
TRENT LTD	0.001253
TRIP.COM GROUP LTD	0.001492
TRIPOD TECHNOLOGY CORP ORD	0.001629
TSINGHUA TONGFANG CO LTD	0.000553
TUBE INVESTMENTS OF INDIA LT	0.000851
TURK HAVA YOLLARI AO	0.002295
TURK SISE VE CAM FABRIKALARI	0.000377
TURKIYE IS BANKASI AS	0.001500
TVS MOTOR CO LTD	0.001401
ULTRATECH CEMENT LTD	0.001127
UNI-PRESIDENT CHINA HOLDINGS LTD	0.001126
UNI-PRESIDENT ENTERPRISES CO	0.003074
UNILEVER INDONESIA TBK PT	0.001241
UNIMICRON TECHNOLOGY CORP	0.001004
UNION BANK OF INDIA LIMITED	0.000776
UNITED BREWERIES LTD	0.000549
UNITED MICROELECTRONICS ORD	0.002507
UNIVERSAL SCIENTIFIC INDUS-A	0.000457
UPL LTD	0.000981
VALE INDONESIA TBK PT	0.000426
VARUN BEVERAGES LTD	0.001688
VENUSTECH GROUP INC-A	0.000322
VIPSHOP HOLDINGS LTD	0.002770
VODACOM GROUP LTD	0.000397
VOLTRONIC POWER TECHNOLOGY CORP	0.001288
WAL-MART DE MEXICO SAB DE CV	0.002888
WANHUA CHEMICAL GROUP CO -A	0.000697

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**Goldman Sachs ActiveBeta® Paris-Aligned Emerging Markets Equity Index Hypothetical Weights for 10/11/2023**

Name	Weight
WANT WANT CHINA HOLDINGS LTD	0.001497
WEG SA	0.001847
WEIBO CORP	0.000421
WEICHAI POWER CO LTD	0.000583
WESTERN MINING CO -A	0.000569
WESTERN SECURITIES CO LTD-A	0.000381
WIPRO LTD	0.001115
WISTRON	0.002327
WIWYNN CORP	0.001330
WNS HOLDINGS LTD	0.000532
WOOLWORTHS HOLDINGS LTD	0.002158
WOORI FINANCIAL GROUP INC	0.000679
WPG HOLDINGS LTD ORD	0.000799
WULIANGYE YIBIN CO LTD	0.000811
WUS PRINTED CIRCUIT KUNSHAN CO L	0.000400
XCMG CONSTRUCTION MACHINERY CO L	0.000400
XIAMEN C&D INC	0.000726
XIAOMI CORP	0.000783
XP INC	0.000500
YADEA GROUP HOLDINGS LTD	0.000493
YAGEO CORP	0.000719
YANBU NATIONAL PETROCHEMICALS CO	0.000597
YANG MING MARINE TRANSPORT	0.001120
YAPI VE KREDI BANKASI AS	0.001160
YEALINK NETWORK TECHNOLOGY-A	0.000667
YIFENG PHARMACY CHAIN CO L-A	0.000729
YIHAI KERRY ARAWANA HOLDINGS CO	0.000351
YOUNGOR GROUP CO LTD	0.000436
YUANTA FINANCIAL HLDG (FUHWA) OR	0.001211
YUHAN CORP ORD	0.001132
YULON MOTOR (YUE LOONG) CO LTD O	0.000876
YUNNAN BAIYAO GROUP CO LTD-A	0.000515
YUNNAN BOTANEE BIO-TECHNOLOGY GR	0.000774
YUNNAN TIN CO LTD-A	0.000408
YUNNAN YUNTIANHUA CO LTD	0.000239
ZANGGE MINING CO LTD	0.000859
ZHANGZHOU PIEN TZE HUANG PHA-A	0.000449
ZHEJIANG CENTURY HUATONG -A	0.000475
ZHEJIANG CHINA COMMODITIES CIT	0.000500
ZHEJIANG EXPRESSWAY CO-H	0.000976
ZHEJIANG SUPOR CO LTD -A	0.000533
ZHEJIANG WEIXING NEW BUILD-A	0.000553
ZHEN DING TECHNOLOGY HOLDING	0.001330
ZHONGJI INNOLIGHT CO LTD-A	0.000757
ZHONGSHENG GROUP HOLDINGS	0.000281
ZHONGTAI SECURITIES CO LTD-A	0.000394
ZTE CORP	0.000450
ZTE CORP-A	0.000399
ZTO EXPRESS CAYMAN INC	0.000522
ZYDUS LIFESCIENCES LTD	0.001535

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Date of First Use: 01 January 2022

Compliance Code: 263483-TMPL-01/2022-1538755