

Geneva, February 09, 2023

MSCI GLOBAL MICRO CAP INDEXES

The following are changes in constituents for the MSCI Global Micro Cap Indexes which will take place as of the close of February 28, 2023.

SUMMARY PER COUNTRY:

| Country        | Nb of Securities Added | Nb of Securities Deleted |
|----------------|------------------------|--------------------------|
| AUSTRALIA      | 19                     | 10                       |
| BELGIUM        | 5                      | 1                        |
| SWITZERLAND    | 3                      | 2                        |
| DENMARK        | 1                      | 0                        |
| SPAIN          | 1                      | 1                        |
| FRANCE         | 2                      | 5                        |
| GERMANY        | 6                      | 1                        |
| ITALY          | 8                      | 6                        |
| JAPAN          | 24                     | 8                        |
| HONG KONG      | 9                      | 7                        |
| NORWAY         | 8                      | 1                        |
| USA            | 72                     | 36                       |
| CANADA         | 11                     | 8                        |
| SWEDEN         | 8                      | 4                        |
| UNITED KINGDOM | 4                      | 12                       |
| FINLAND        | 3                      | 1                        |
| NEW ZEALAND    | 1                      | 0                        |
| ISRAEL         | 6                      | 4                        |
| SINGAPORE      | 2                      | 4                        |

MSCI AUSTRALIA INDEX

Additions

ACROW FORMWORK AND CONST  
ALTECH CHEMICALS  
ATLANTIC LITHIUM (AU)  
AURA ENERGY  
AUSGOLD  
AUSTRAL RESOURCES  
CLOSE THE LOOP  
CONRAD ASIA ENERGY  
CYPRIUM METALS  
DRONESHIELD  
DURATEC  
EUROPEAN LITHIUM  
FRONTIER ENERGY  
INVICTUS ENERGY  
LATROBE MAGNESIUM  
LGI  
QUANTUM GRAPHITE  
SOUTHERN CROSS GOLD  
WINSOME RESOURCES

Deletions

ARAFURA RARE EARTHS  
EMERALD RESOURCES  
HALO FOOD CO  
MADER GROUP  
QUALITAS  
REGAL PARTNERS  
SILEX SYSTEMS  
STRIKE ENERGY  
TIETTO MINERALS  
WEEBIT NANO

MSCI BELGIUM INDEX

Additions

HYBRID SOFTWARE GRP  
INCLUSIO  
MITHRA PHARMACEUTICALS  
NEXTENSA  
VAN DE VELDE

Deletions

CARE PROPERTY INVEST

MSCI SWITZERLAND INDEX

Additions

FUNDAMENTA REAL ESTATE  
THURGAUER KANTONALBANK  
VARIA US PROPERTIES

Deletions

BELLEVUE GROUP  
CPH CHEMIE & PAPIER HLDG

MSCI DENMARK INDEX

Additions  
LOLLANDS BANK

Deletions  
None

MSCI SPAIN INDEX

Additions  
URBAS GRUPO FINANCIERO

Deletions  
AUDAX RENOVABLES

MSCI FRANCE INDEX

Additions  
ACTICOR BIOTECH  
TECHNICOLOR CREATIVE STU

Deletions  
DELTA PLUS GROUP  
GL EVENTS  
PIERRE & VACANCES  
PIXIUM VISION  
QUANTUM GENOMICS SAS

MSCI GERMANY INDEX

Additions  
BROCKHAUS CAPITAL MGMT  
ENAPTER  
GORE GERMAN OFFICE  
LIMES SCHLOSSKLINIKEN  
SBF  
TUBESOLAR

Deletions  
SLM SOLUTIONS GROUP

MSCI ITALY INDEX

Additions  
CYBEROO  
DHH  
DIGITAL360  
DOXEE  
FINLOGIC  
GIBUS  
GPI  
RATTI SPA

Deletions  
CEMBRE  
DAMICO INTL SHIPPING  
LU-VE  
PIOVAN  
SAES GETTERS  
SAES GETTERS RNC

MSCI JAPAN INDEX

Additions  
ASIA GATE HOLDINGS CO  
ATLAS TECHNOLOGIES  
BASE FOOD  
BEING HOLDINGS  
CANBAS  
DN HOLDINGS CO  
EARTH INFINITY CO  
EWELL  
FIXER  
FP PARTNER  
HYBRID TECHNOLOGIES  
IR JAPAN HOLDINGS  
MICROAD  
MORIYA TRANSN ENGR & MFG  
NOVAC  
PLUSZERO  
QUANTUM SOLUTIONS CO  
SBI LEASING SERVICES  
SHIKINO HIGH TECH  
TMS  
TOSHO CO  
TOUMEI  
TRIPLA  
WELLPLAYED RIZEST

Deletions  
CHUO KAGAKU CO  
CONEXIO CORP  
LIFENET INSURANCE CO  
NIPPON PILLAR PACKING  
SUNWELS  
TOKYO ELECTRON DEVICE  
TOKYO KIRABOSHI FINL GRP  
TSUBURAYA FIELDS HLDGS

MSCI HONG KONG INDEX

Additions  
APOLLO FUTURE MOBILITY  
BLUE RIVER HOLDINGS(HK)  
CHINA LEON INSPECTION HK

Deletions  
CA SALES HOLDINGS  
CIRCUTECH INTERNATIONAL  
GEOTECH HOLDING

CORNERSTONE TECHNOLOGIES  
CULTURECOM HLDGS (HK)  
HANS ENERGY CO(HK)  
HATCHER GROUP  
OCI INTERNATIONAL HLDGS  
REGINA MIRACLE INTL HLDG

HING LEE HK HOLDINGS  
IMPRO PRECISION IND (HK)  
SANDMARTIN INTL HLDGS  
XINHUA NEWS MEDIA HLDGS

MSCI NORWAY INDEX

Additions

AVANCE GAS HOLDING  
DOLPHIN DRILLING  
HIMALAYA SHIPPING  
ICELANDIC SALMON  
NORAM DRILLING  
SHELF DRILLING NORTH SEA  
STANDARD SUPPLY  
TECO 2030 ASA

Deletions

PGS

MSCI USA INDEX

Additions

5E ADVANCED MATERLS (US)  
908 DEVICES  
ACRIVON THERAPEUTICS  
ADTHEORENT HLDG CO A  
AKEBIA THERAPEUTICS  
AKOYA BIOSCIENCES  
ALIGOS THERAPEUTICS  
ALTO INGREDIENTS INC  
AMMO  
BACKBLAZE A  
BARK  
BEACHBODY COMPANY A  
BIOVENTUS  
BLUEROCK HOMES TRUST A  
CARDLYTICS  
CELULARITY  
CENTURY THERAPEUTICS  
CONTAINER STORE GROUP  
CULLMAN BANCORP  
DARE BIOSCIENCE  
DAVE A  
EASTMAN KODAK  
EDGIO  
F45 TRAINING HOLDINGS  
GENEDX HOLDINGS A  
GENERATION BIO  
GOHEALTH A  
GOLDEN MATRIX GROUP  
GOSSAMER BIO  
GREENE COUNTY BANCORP  
GREENLIGHT BIOSCIENCES  
HARTE HANKS  
HELIOGEN  
HONEST COMPANY  
HUMACYTE A  
INDUSTRIAL LOGIS PPTYS  
INNOVID A  
INOTIV  
LANDS' END  
LINKBANCORP  
LOOP MIA  
LORDSTOWN MOTORS CORP A  
MALLINCKRODT  
MARKFORGED HOLDING  
MEIRAGTX HOLDINGS  
MSP RECOVERY  
NEXTNAV  
NKARTA  
OCUGEN  
OPIANT PHARMACEUTICALS  
OPTIMIZERX  
PRAXIS PRECISION MED  
PRESTO AUTOM

Deletions

180 LIFE SCIENCES  
4D MOLECULAR  
ALTA EQUIPMENT GROUP  
ARCIMOTO  
ARDELYX  
ASPEN GROUP (US)  
BIOMX  
BLUE BIRD (US)  
BLUEGREEN VAC HLD  
CALITHERA BIOSCIENCES  
CATALYST BIOSCIENCES  
COMPASS THERAPEUTICS  
CRYPTYDE  
CYANOTECH CORP  
CYMABAY THERAPEUTICS  
ELOXX PHARMACEUTICALS  
EVERQUOTE A  
EXELA TECHNOLOGIES  
GREENLANE HOLDINGS A  
IBIO  
MINERVA SURGICAL  
NEPTUNE WELLNESS SOLN  
NEUBASE THERAPEUTICS  
NEXIMMUNE  
OBLONG  
OIL STATES INTERNATIONAL  
PLX PHARMA  
POSEIDA THERAPEUTICS  
QUALIGEN THERAPEUTICS  
SIGHT SCIENCES  
SOLUNA HOLDINGS  
TIPTREE  
VIKING THERAPEUTICS  
WAITR HOLDINGS  
ZYMEWORKS (US)  
ZYNEX

QUANTUM-SI A  
REVIVA PHARMA HLDGS  
SARCOS TECH & ROBO CORP  
SKILLSOFT A  
SKILLZ A  
SONDER HOLDINGS  
SONENDO  
SOUNDHOUND AI A  
SYSTEM1  
TATTOOED CHEF  
THIRD HARMONIC BIO  
TUPPERWARE BRANDS  
VACASA A  
VERA THERAPEUTICS A  
VILLAGE BK & TR FINL  
VOR BIOPHARMA  
WHERE FOOD COMES  
WW INTERNATIONAL  
Y MABS THERAPEUTICS

MSCI CANADA INDEX

Additions

ALGOMA CENTRAL CORP  
ALPHA LITHIUM CORP  
ANAERGIA SV  
ARIZONA METALS  
AUTOMOTIVE PROP REIT  
DREAM RESIDENTIAL REIT  
HUT 8 MINING  
KIWETINOHK ENERGY  
KOLIBRI GLOBAL ENERGY  
TECSYS  
VITALHUB

Deletions

ABC TECH HLDGS  
BIG ROCK BREWERY  
COVEO SOLUTIONS SV  
E AUTOMOTIVE  
ENSIGN ENERGY SERVICES  
FARMERS EDGE  
HEMPFUSION WELLNESS  
VIQ SOLUTIONS

MSCI SWEDEN INDEX

Additions

ADVISE GROUP B  
CHECKIN.COM GROUP  
ELANDERS  
ES ENERGY SAVE B  
HAYPP GROUP  
INFRACOM GROUP  
SEAFIRE  
STARBREEZE B

Deletions

AQ GROUP  
BICO GROUP B  
BONESUPPORT HOLDING  
SWEDISH STIRLING

MSCI UNITED KINGDOM INDEX

Additions

CIRCLE PROPERTY  
ENSILICA  
FRONTIER DEVELOPMENTS  
TOTALLY

Deletions

ADRIATIC METALS  
DEVRO  
EMPYREAN ENERGY  
FOCUSRITE  
FULCRUM UTILITY SERVICES  
IMMUPHARMA  
ME GROUP INTERNATIONAL  
RENEURON GROUP  
ROCKWOOD STRATEGIC  
SERAPHINE GROUP  
WANDISCO  
XP POWER

MSCI FINLAND INDEX

Additions

LOIHDE OYJ  
NORDIC LIGHTS GRP  
WETTERI

Deletions

INCAP

MSCI NEW ZEALAND INDEX

Additions

ARVIDA GROUP

Deletions

None

MSCI ISRAEL INDEX

Additions

AVERBUCH FORMICA CENTER  
DIRECT FINANCE OF DIRECT  
DOR ALON ENERGY IN ISRL  
ISR AIR GROUP  
JACOB FINANCE AND INV  
SIMILARWEB

Deletions

AYALA PHARMACEUTICALS  
BIONDVAX PHARMA ADR  
MESHEK ENERGY RENEWABLE  
PANAXIA LAB OF ISRAEL

MSCI SINGAPORE INDEX

Additions

LHN  
SBS TRANSIT

Deletions

CHINA AVIATION OIL SG  
HRNETGROUP  
TA CORP  
UMS HOLDINGS

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