Geneva, November 10, 2020

### 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 November 30, 2020.

### SUMMARY PER COUNTRY:

	Nb of Securities	Nb of Securities
Countries		Deleted
Country	Added	ретегеа
AUSTRALIA	66	15
BELGIUM	6	0
SWITZERLAND	7	2
DENMARK	3	2
SPAIN	2	2
	17	6
FRANCE	=:	
GERMANY	12	9
NETHERLANDS	1	0
ITALY	7	1
JAPAN	100	25
HONG KONG	40	34
SINGAPORE	13	4
NORWAY	6	1
AUSTRIA	1	0
USA	98	51
CANADA	25	14
SWEDEN	22	15
UNITED KINGDOM	51	11
FINLAND	5	3
NEW ZEALAND	3	0
IRELAND	1	0
ISRAEL	15	13

MSCI AUSTRALIA INDEX

Additions
4D MEDICAL
5G NETWORKS
AERIS RESOURCES
AMERICAN PACIFIC BORATES
ANDROMEDA METALS
ANTIPA MINERALS
ARCHER MATERIALS
ATOMO DIAGNOSTICS
AUSTRAL GOLD
AUTECO MINERALS
BEX MINERALS
BEZ MINERALS

BETMAKERS TECH GROUP
BLACKSTONE MINERALS
CALIDUS RESOURCES
CALIX (AU)
CENTAURUS METALS

CHALLENGER EXPLORATION DGO GOLD DUG TECHNOLOGY DUXTON WATER ELEMENT 25

EMVISION MEDICAL DEVICES

ENERGY ONE ESTIA HEALTH

FAMILY ZONE CYBER SAFETY

GENESIS MINERALS
GEOPACIFIC RESOURCES

HARVEST TECH
IMUGENE
KIN MINING NL
MAGNETIC RESOURCES

MANUKA RESOURCES

Deletions
ALKANE RESOURCES

ASF GROUP

AUDIO PIXELS HOLDINGS BELLEVUE GOLD CHALICE GOLD MINES DE GREY MINING

ELECTRO OPTIC SYS HLDGS

HOME CONSORTIUM

MACQUARIE TELECOM GROUP

NICK SCALI

OBJECTIVE CORPORATION POINTSBET HOLDINGS

REDBUBBLE

TEMPLE & WEBSTER GROUP WEST AFRICAN RESOURCES

MUSGRAVE MINERALS

MYANMAR METALS

MYFIZIO

NAVARRE MINERALS

NOVA MINERALS

ONCOSIL MEDICAL

OPENPAY

OPTHEA

POINTERRA

QUICKFEE

RACE ONCOLOGY

RECCE PHARMACEUTICALS

REGIS HEALTHCARE

RESPIRI

RMA GLOBAL

ROX RESOURCES

RTG MINING CDI

SCIDEV

SELFWEALTH

SILVER MINES

SLATER & GORDON

SOVEREIGN METALS

SPIRIT TELECOM

TESORO RESOURCES LTD

TESSERENT

THETA GOLD MINES

TIETTO MINERALS

TITAN MINERALS

TUAS GROUP

VECTION TECHNOLOGIES

VGI PARTNERS

VILLAGE ROADSHOW

OTOMV

Additions

MSCI BELGIUM INDEX

ATENOR EXMAR HOME INVEST BELGIUM HYLORIS PHARMACEUTICALS

LEASINVEST REAL ESTATE WERELDHAVE BELGIUM

MSCI SWITZERLAND INDEX

Additions BANK LINTH

FUNDAMENTA REAL ESTATE

GLARNER KANTONALBANK IVF HARTMANN HOLDING ORASCOM DEV HLDG INH SWISS STEEL HOLDING

THURGAUER KANTONALBANK

MSCI DENMARK INDEX

Additions

ORPHAZYME PENNEO VESTJYSK BANK

MSCI SPAIN INDEX

Additions DEOLEO

LLEIDANETWORKS SERVEIS

MSCI FRANCE INDEX

Additions ANTALIS

BIOCORP PRODUCTION CA NORD DE FRANCE CCI

CEGEDIM

Deletions

None

Deletions CASSIOPEA

MEYER BURGER TECHNOLOGY

Deletions

BRODRENE HARTMANN

SP GROUP

Deletions

GRENERGY RENOVABLES URBAS GRUPO FINANCIERO

Deletions AXWAY SOFTWARE DELTA PLUS GROUP INVENTIVA MCPHY ENERGY

CRCAM BRIE PICARDIE CCI DBV TECHNOLOGIES

EUROPCAR MOBILITY

GENFIT
GL EVENTS
JACQUET METALS
MAUREL ET PROM
MEDINCELL
RALLYE

SOCIETE POUR LE INFORMA

STREAMWIDE VALLOUREC

VENTE UNIQUE.COM

MSCI GERMANY INDEX

Additions ABO WIND CLIO DIGITAL

DEFAMA DEUTSCHE FACHMART

DOCCHECK

EASY SOFTWARE

ERWE IMMOBILIEN

KSB STAMM
KSB VORZUG
LEONI
OEKOWORLD

PHARMASGP HOLDING

UMWELTBANK

MSCI NETHERLANDS INDEX

Additions FASTNED

MSCI ITALY INDEX

Additions
BANCO DESIO BRIANZA
CAIRO COMMUNICATIONS

CY4GATE DEA CAPITAL FARMAE

RCS MEDIAGROUP

RELATECH

MSCI JAPAN INDEX

Additions
ACHILLES CORP
AI CROSS
AISAN INDUSTRY CO
AKITA BANK (THE)
AOYAMA TRADING CO

APPLIED
ASAHI DIAMOND INDL CO

AT-GROUP CO AZIA CO AZOOM

BANDO CHEMICAL IND

BRIDGE INTERNATIONAL BROADBAND SECURITY CHIYODA INTEGRE CO CMIC HOLDINGS CO

CMK CORP COPA

CORONA CORP

CYBER SECURITY CLOUD
DAIDO METAL CO
DAIKO TSUSAN
DAISYO CORD

DAISYO CORP FICHA

FORUM ENGINEERING

FTGROUP CO

NOVACYT VALNEVA

Deletions ADESSO

ALLGEIER HOLDING ENERGIEKONTOR FABASOFT

GLOBAL FASHION GROUP

HOME24

PSI AG GESELLSCHAFT TOM TAILOR HOLDING WESTWING GROUP

Deletions None

Deletions WIIT

Deletions BASE BUSHIROAD CELLSOURCE EDULAB

GA TECHNOLOGIES
HYAS & CO
ITMEDIA INC
J-STREAM
KAONAVI
KOJIMA CO

LIFENET INSURANCE CO

MEDPEER MTG NAFCO CO

OSAKA ORGANIC CHEM IND

PHARMA FOODS INTL

PR TIMES

PRORED PARTNERS
SHINNIHONSEIYAKU
SRE HOLDINGS
STREAM MEDIA CORP
SURALA NET

TERRASKY CO V CUBE

VALUENCE HOLDINGS

FUJI SOFT SERVICE BUREAU

GOODPATCH

HI-LEX CORP

HISAKA WORKS

TNNOVATION

INTERFACTORY

ISHIHARA SANGYO KAISHA

J TRUST CO

JAPAN INSULATION

JAPAN LIVING WARRANTY

JAPAN TISSUE ENGINEERING

JVC KENWOOD CORP

KANAGAWA CHUO KOTSU CO

KANTSU

KENKO MAYONNAISE CO

KIMURA KOHKI

KIYO LEARNING

KNT-CT HOLDINGS CO

KOURAKUEN HOLDINGS CORP

KOYOU RENTIA CO

KROSAKI HARIMA CORP

LOCOGUIDE

LOGLY

LTS

MACBEE PLANET

MACROMILL

MATSUYA R&D

MEIKO NETWORK JAPAN CO

MEINAN M&A

MIDAC

MIRAI INDUSTRY (JP)

MITSUI E&S HOLDINGS CO

NEEDS WELL

NETUREN CO

NEXTONE

NIHON JYOHO CREATE

NIPPON BEET SUGAR MFG CO

NIPPON THOMPSON

NISSIN CORP

NISSIN SUGAR CO

NO 1

NOMURA SYSTEM

OSAKI ELECTRIC CO

OSJB HOLDINGS CORP

PROPERTY DATA BANK

REVER HOLDINGS

REVOLUTION CO

RHEON AUTOMATIC MACH

RIKEN CORP

SANKYO TATEYAMA HOLDINGS

SANYO ELECTRIC RAILWAY

SEC CARBON

SECOM JOSHINETSU CO

SEKISUI KASEI CO

SHINDENGEN ELECTRIC

SHOEI

SILVER EGG TECHNOLOGY

SUZUYO SHINWART

SYSTEM D

TEKKEN CORP

TOPY INDUSTRIES

TOUKEI COMPUTER CO

TOWA BANK

TSI HOLDINGS CO

WARABEYA NICHIYO HLDGS

WDB COCO CO

WELBE

WINTEST CORP

WRITEUP

YAMADA CONSULTING GROUP

YAMAE HISANO

YAMANASHI CHUO BANK(THE)

YOROZU CORP

YUSHIN PRECISION EOUIP

MSCI HONG KONG INDEX Additions ACCEL GROUP HOLDINGS ALL ACTIVE ASSET CAPITAL ASIA ENERGY LOGIS (HK) ASIA PACIFIC SILK (HK) BONNY INTERNATIONAL CHINA BRILLIANT GLOBAL CHINA DING YI FENG (HK) CREATIVE ENTERPRISE CST PROPERTIES DIGITAL DOMAIN HLDGS(HK) DTXS SILK ROAD INV HLDGS FAIRWOOD HOLDINGS FARNOVA GROUP HOLDINGS FULLSHARE HOLDINGS (HK) GIORDANO INTERNATIONAL GR PROPERTIES (HK) GREATER CHINA FINL (HK) GREEN FUTURE FOOD HYDROC GREENPRO CAPITAL (HK) HUARCHI GLOBAL GROUP KUANGCHI SCIENCE (HK) LANDSEA GREEN PROP (HK) NVC INTERNATIONAL (HK) REGAL HOTELS INTL REGAL REIT REGINA MIRACLE INTL HLDG RENCO HOLDINGS GRP (HK) SDM GROUP HOLDINGS SINOPHARM TECH HLDG (HK) SMIT HOLDINGS (HK) SOLARGIGA ENERGY (HK) STEVE LEUNG DESIGN GROUP SUPERLAND GROUP HLDGS TIAN TECK LAND TRULY INTL HOLDINGS (HK) TYCOON GROUP HLDGS VANTAGE INTERNATIONAL WEALTHY WAY GROUP WWPKG HOLDINGS

Deletions AIDIGONG MATERNAL ASTA FINANCIAL HLDGS ASIA RESOURCES HLDG BASETROPHY GROUP HLDGS CHINA ALUMINUM CANS CHINA INV AND FIN GRP CHINA NATL CULTURE GRP CIL HOLDINGS COWELL E HOLDINGS CULTURECOM HLDGS DACHAN FOOD ASIA DADI INTERNATIONAL (HK) DIRECTEL HOLDINGS EARTHASIA INTL HLDGS GRAND MING GROUP HLDGS GREAT HARVEST MAETA GRP HUA MEDICINE KAISUN HOLDINGS KING STONE ENERGY (HK) LAMTEX HOLDINGS LOTO INTERACTIVE (HK) MOBI DEVELOPMENT CO NEW FOCUS AUTO HLDGS NEW WESTERN GROUP PRECIOUS DRAGON TECH PRECISION TSUGAMI CHINA SINO VISION WORLDWIDE SKY LIGHT HOLDINGS SUMMIT ASCENT HOLDINGS TIME WATCH INVESTMENTS TRISTATE HOLDINGS WORLD SUPER HLDGS WT GROUP HOLDINGS XIN POINT HLDGS

MSCI SINGAPORE INDEX
Additions
CHIP ENG SENG
FIRST REIT
HALCYON AGRI
HONG FOK CORP
HYPHENS PHARMA INTL
LIPPO MALLS INDONESIA
MULTI-CHEM
SABANA SHARIAH INDL REIT
SIIC ENVIRONMENT HLDGS
SOUTHERN ALLIANCE MINING
STRAITS TRADING
UG HEALTHCARE
VICPLAS INTERNATIONAL

YONGSHENG ADV (HK)

Deletions
AEM HOLDINGS
GALLANT VENTURE
IFAST CORP
IPC CORP

MSCI NORWAY INDEX
Additions
BORR DRILLING
CARASENT
NAPATECH
NORWEGIAN AIR SHUTTLE
POLARIS MEDIA
VISTIN PHARMA

Deletions XXL

MSCI AUSTRIA INDEX Additions KAPSCH TRAFFICCOM

Deletions None MSCI USA INDEX Additions

89BTO

AGEAGLE AERIAL SYSTEMS

AIM IMMUNOTECH

AMERICAN OUTDOOR BRANDS AMERICAN VIRTUAL CLOUD

ARCIMOTO

ASTRONICS CORP

ATLANTIC CAPITAL BANCSHS

AUDIOEYE

AVITA THERAPEUTICS (US)

BATTALION OIL CORP BEAM GLOBAL

BIONANO GENOMICS

BOXLIGHT A

CALIFORNIA BANCORP

CARDIFF ONCOLOGY

CATO CORP (THE) A

CEDAR REALTY TRUST

CENTRUS ENERGY CORP A

CHECKMATE PHARMA

CHOICEONE FINL SVCS

CLEANSPARK

CLEARPOINT NEURO

CNB FINANCIAL CORP

CONTURA ENERGY

CORBUS PHARMACEUTICALS

CREXENDO

DARTOHEALTH

DIAMEDICA THERAPEUTICS

DIAMOND S SHIPPING

DLH HOLDINGS

EQUITTY BANCSHARES

EVOKE PHARMA

EZCORP

FATHOM HOLDINGS

FINANCIAL INSTITUTIONS

FLUX POWER HLDGS

FRANKLIN COVEY CO

GALERA THERAPEUTICS GENIUS BRANDS INTL

GEVO

GREENLIGHT CAPITAL A

GRID DYNAMICS

HANMI FINANCIAL CORP

HAYNES INTERNATIONAL

HEAT BIOLOGICS

HOMETRUST BANCSHARES

INMUNE BIO

ISSUER DIRECT

KORU MEDICAL SYSTEMS

LANNETT CO

LANTERN PHARMA

LAZYDAYS HOLDINGS

LIBERTY TRIPADVISOR A LMP AUTOMOTIVE HOLDINGS

LYRA THERAPEUTICS

MARATHON PATENT GROUP

MARCUS CORP (THE)

MATRIX SERVICE CO

MILESTONE PHARMA NATIONAL CINEMEDIA

NETSTREIT

NEXPOINT REAL ESTATE FIN

NORTHERN OIL AND GAS

NUZEE

NVE CORP

OCEAN BIO-CHEM

OCWEN FINANCIAL CORP

ONEWATER MARINE A

PANDION THERAPEUTICS

PARK ELECTROCHEMICAL

Deletions ALBIREO PHARMA ALPHATEC HOLDINGS AT HOME GROUP BIOLIFE SOLUTIONS BRISTOW GROUP INC BRP GROUP A CAMBIUM NETWORKS CARPARTS COM

CELLDEX THERAPEUTICS

CELSIUS HLDGS

CIRCOR INTERNATIONAL COLLECTORS UNIVERSE CYMABAY THERAPEUTICS DIGI INTERNATIONAL DULUTH HOLDINGS B EASTMAN KODAK EGAIN CORPORATION

FLUITDIGM

FUELCELL ENERGY FULGENT GENETICS

GOGO INC

GREEN PLAINS

GROWGENERATION CORP

IVERIC BIO

KOPPERS HOLDINGS INC

LOVESAC

LUMBER LIQUIDATORS

MARINE PRODUCTS CORP NANTKWEST

NAUTILUS

NEW FORTRESS ENERGY A OCULAR THERAPEUTIX PACIFIC ETHANOL INC PAR TECHNOLOGY CORP

PERSONALIS

PROTAGONIST THERAPEUTICS PROTALIX BIOTHERAPEUTICS PURPLE INNOVATION A SEQUENTIAL BRANDS GRP SERES THERAPEUTICS

SITIME

SPORTSMANS WAREHOUSE SYNDAX PHARMACEUTICALS TCR2 THERAPEUTICS

TELIGENT

TUPPERWARE BRANDS UNIVERSAL LOGIS HLDGS

VAXART

VBI VACCINES (US) WORKHOUSE GROUP

XPEL

PARTNERS BANCORP PARTY CITY HOLDCO PAYSIGN PDL BIOPHARMA PEABODY ENERGY PENN VIRGINIA POWELL INDUSTRIES PREFERRED APT CMNTY PREVAIL THERAPEUTICS PROPHASE LABS QUALIGEN THERAPEUTICS MITTHALIO RATTLER MIDSTREAM RAYONIER ADV MATERIALS REGIS CORP SWK HOLDINGS TELLURIAN TONIX PHARMACEUTICALS UNITED INSURANCE HLDGS

VELOCITY FINANCIAL VERASTEM VERSO NEW W&T OFFSHORE WHITESTONE REIT WHOLE EARTH BRANDS WINDTREE THERAPEUTICS XPRESSPA GROUP

MSCI CANADA INDEX Additions ACUITY ADS HLDGS ANDREW PELLER B AVINO SILVER & GOLD (CA) BELLUS HEALTH

BOSTON PIZZA ROYALTIES CANFOR PULP PRODUCTS

DYNACERT

EUROPEAN RESIDNTIAL REIT FREEGOLD VENTURES

FRONTERA ENERGY CORP HUT 8 MINING TEABRIC CORP

JUST ENERGY GROUP MAINSTREET EQUITY CORP MONARCH GOLD

MORGUARD REIT SKEENA RESOURCES STEPPE GOLD TALON METALS CORP TERVITA

TRANSAT A.T. TROILUS GOLD

VALENS COMPANY (THE)

MSCI SWEDEN INDEX Additions ASCELIA PHARMA BAMBUSER BAYN EUROPE BIOVICA INTERNATIONAL B

BTS GROUP B BYGGPARTNER I DALARNA

EOL PHARMA FLEXION MOBILE FLUOGUIDE GAPWAVES B GENERIC SWEDEN GENOVA PROPERTY HOVDING SVERIGE PARANS SOLAR LIGHTING PLEJD

TOUCHSTONE EXPLORATION

WALL FINANCIAL

Deletions

ABSOLUTE SOFTWARE AKITA DRILLING A ARGONAUT GOLD AURA MINERALS CALTAN GROUP CALIBRE MINING

DOCEBO

JOURNEY ENERGY

NORTH DYNASTY MINERALS

ROXGOLD SUNOPTA

TRILLIUM THERAPEUTICS

TRISURA GROUP

WELL HEALTH TECHNOLOGIES

Deletions

AMASTEN FASTIGHETS BONESUPPORT HOLDING CALLIDITAS THERAPEUTICS CANTARGIA

FASTIGHETS AB TRIANON B GARO

IMMUNOVIA KNOW IT AB LIME TECHNOLOGIES LYKO GROUP A MIDSONA B NCAB GROUP AB

SDIPTECH B SVOLDER B VOLATI

POLYGIENE
SCANDINAVIAN ENVIRO SYS
SCOUT GAMING GROUP
SYNACT PHARMA
TRAIN ALLIANCE SWEDEN B
UPSALES TECHNOLOGY
XBRANE BIOPHARMA

MSCI UNITED KINGDOM INDEX

Additions
ALIEN METALS
ANGLO PACIFIC GROUP
ARIANA RESOURCES
ATTRAQT GROUP
BEST OF THE BEST
BLACKBIRD
BOOT (HENRY)
BROWN (N) GROUP
DE LA RUE
DIURNAL GROUP
E-THERAPEUTICS
FRP ADVISORY GROUP
FULLER SMITH & TURNER A

GENEDRIVE
GENEL ENERGY
GLEESON (M.J.)
HARWORTH GROUP
HEADLAM GROUP
HYVE GROUP

INVINITY ENERGY SYSTEMS KINGSWOOD HOLDINGS M P EVANS GROUP MEREO BIOPHARMA GROUP MIDWICH GROUP

MIDWICH GROUP

MIRRIAD ADVERTISING

OKYO PHARMA

OMEGA DIAGNOSTICS GROUP

OPEN ORPHAN

PANOPLY HOLDINGS

PAYPOINT

PEBBLE GROUP (THE) PENSANA RARE EARTHS POLAREAN IMAGING

POWERHOUSE ENERGY GROUP RANDALL & QUILTER INV

RANK GROUP ROBERT WALTERS

SAGA

SCHRODER REAL ESTATE INV

SCOTGOLD RESOURCES

SERABI GOLD

STD LIFE INV PPTY

STHREE

STOBART GROUP

SURFACE TRANSFORMS

THORPE (F W)

VENTURE LIFE GROUP

VITEC GROUP

WATER INTELLIGENCE ZOETIC INTERNATIONAL

MSCI FINLAND INDEX Additions

Additions LEADDESK

NANOFORM FINLAND

OPTOMED
PIHLAJALINNA
RELAIS GROUP

Deletions ADMICOM

Deletions

ERGOMED

AVACTA GROUP

DFS FURNITURE

CLIPPER LOGISTICS

DOTDIGITAL GROUP

EURASIA MINING

GREATLAND GOLD

SUMO GROUP

TYMAN

PAN AFRICAN RESOURCES

VICTORIA OIL & GAS

REMEDY ENTERTAINMENT

TALENOM

MSCI NEW ZEALAND INDEX

Additions

Deletions

ARVIDA GROUP IKEGPS GROUP LIMITED WAREHOUSE GROUP None

MSCI IRELAND INDEX Additions

Deletions None

MSCI ISRAEL INDEX

Additions
AYALA PHARMACEUTICALS

BIOMX (IL)

APPLEGREEN

BRENMILLER ENERGY
ENLIVEX THERAPEUTIC (IL)

KITOV PHARMA MEAT-TECH 3D

MESHEK ENERGY RENEWABLE NANO DIMENSION ADR NORSTAR HOLDINGS

ORON GRP INV & HOLDINGS

POLYPID
PROTALIX (IL)
ROBOGROUP TEK
SOLEGREEN
SUPERGAS ENERGY

Deletions
ARKO HOLDINGS
AUGWIND ENERGY TECH
BATM ADV COMMU (GBP)
CAMTEK
DANEL (ADIR YEOSHUA)
ELECTRA CONSUMER PRODUCT
ELECTREON WIRELESS
ENLIVEX THERAPEUTICS
FOX WIZEL
FRESHMARKET

MAGIC SOFTWARE ENT ONE SOFTWARE TECHNOLOGY

TADIRAN HOLDINGS

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