



# INDEX GUIDE

MVIS® GLOBAL EQUITY INDICES

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CONTENTS

Contents

<b>1 Introduction</b>	<b>4</b>
1.1 Approval of Index Methodologies . . . . .	4
1.2 Review of this Index Guide . . . . .	4
<b>2 Index Universe</b>	<b>5</b>
2.1 Index Universe . . . . .	5
2.2 Investable Index Universe . . . . .	5
<b>3 General Definitions</b>	<b>7</b>
3.1 Free-Float . . . . .	7
3.2 Weighting Schemes . . . . .	7
3.3 Index Types/Dividend Payments . . . . .	10
3.4 Review Schedule . . . . .	10
3.5 Pricing Source . . . . .	10
3.6 Index Currency . . . . .	11
<b>4 Indices</b>	<b>12</b>
4.1 MVIS® Australia Index . . . . .	13
4.2 MVIS® Australia Equal Weight Index . . . . .	14
4.3 MVIS® Australia Uncapped Index . . . . .	16
4.4 MVIS® Australia A-REITs Index . . . . .	18
4.5 MVIS® Australia Banks Index . . . . .	20
4.6 MVIS® Australia Resources Index . . . . .	22
4.7 MVIS® Australia Small-Cap Index . . . . .	24
4.8 MVIS® Australia Small-Cap Dividend Payers Index . . . . .	26
4.9 MVIS® Brazil Index . . . . .	28
4.10 MVIS® Brazil Small-Cap Index . . . . .	29
4.11 MVIS® Chile Index . . . . .	31
4.12 MVIS® Colombia Index . . . . .	32
4.13 MVIS® Egypt Index . . . . .	33
4.14 MVIS® GDP Africa Index . . . . .	34
4.15 MVIS® Germany Index . . . . .	35
4.16 MVIS® Germany Equal Weight Index . . . . .	36
4.17 MVIS® Global Agribusiness Index . . . . .	37
4.18 MVIS® Global Coal Index . . . . .	38
4.19 MVIS® Global Gaming Index . . . . .	39
4.20 MVIS® Global Junior Gold Miners Index . . . . .	40
4.21 MVIS® Global Oil Refiners Index . . . . .	42
4.22 MVIS® Global Rare Earth/Strategic Metals Index . . . . .	43
4.23 MVIS® Global Unconventional Oil & Gas Index . . . . .	45
4.24 MVIS® Global Uranium & Nuclear Energy Index . . . . .	46
4.25 MVIS® Global Video Gaming & eSports Index . . . . .	48
4.26 MVIS® India Index . . . . .	49
4.27 MVIS® India Small-Cap Index . . . . .	50
4.28 MVIS® Indonesia Index . . . . .	52
4.29 MVIS® Japan Index . . . . .	53
4.30 MVIS® Japan Equal Weight Index . . . . .	54
4.31 MVIS® Kuwait Index . . . . .	55

CONTENTS

4.32	MVIS® Malaysia Index . . . . .	56
4.33	MVIS® Mexico Index . . . . .	57
4.34	MVIS® Mexico Equal Weight Index . . . . .	58
4.35	MVIS® Pakistan Index . . . . .	59
4.36	MVIS® Philippines Index . . . . .	60
4.37	MVIS® Poland Index . . . . .	61
4.38	MVIS® Qatar Index . . . . .	62
4.39	MVIS® Russia Index . . . . .	63
4.40	MVIS® Russia Small-Cap Index . . . . .	64
4.41	MVIS® South Africa Index . . . . .	66
4.42	MVIS® South Korea Index . . . . .	67
4.43	MVIS® South Korea Equal Weight Index . . . . .	68
4.44	MVIS® Thailand Index . . . . .	69
4.45	MVIS® Turkey Index . . . . .	70
4.46	MVIS® United Arab Emirates Index . . . . .	71
4.47	MVIS® United Kingdom Index . . . . .	72
4.48	MVIS® United Kingdom Equal Weight Index . . . . .	73
4.49	MVIS® US Business Development Companies Index . . . . .	74
4.50	MVIS® US Listed Biotech 25 Index . . . . .	75
4.51	MVIS® US Listed Oil Services 25 Index . . . . .	76
4.52	MVIS® US Listed Pharmaceutical 25 Index . . . . .	77
4.53	MVIS® US Listed Retail 25 Index . . . . .	78
4.54	MVIS® US Listed Semiconductor 25 Index . . . . .	79
4.55	MVIS® US Mortgage REITs Index . . . . .	80
4.56	MVIS® Vietnam Index . . . . .	81
<b>5</b>	<b>Ongoing Maintenance</b>	<b>82</b>
5.1	Changes to Free-Float Factors and Number of Shares . . . . .	82
5.2	Initial Public Offerings (IPOs) and Spin-Offs . . . . .	82
5.3	Changes due to Mergers & Takeovers . . . . .	82
5.4	Changes due to Spin-Offs . . . . .	83
5.5	Additions due to Replacements . . . . .	83
5.6	Changes to the Index Guide . . . . .	83
5.7	Discretion regarding the Use of Input Data . . . . .	83
5.8	Input Data and Contributor Selection . . . . .	84
<b>6</b>	<b>Calculation</b>	<b>86</b>
6.1	Index Formula . . . . .	86
6.2	Input Data . . . . .	86
6.3	Divisor Adjustments . . . . .	86
6.4	Corporate Action Related Adjustments . . . . .	87
6.5	Data Correction and Disruptions . . . . .	88
<b>7</b>	<b>Appendix</b>	<b>90</b>
7.1	MVIS Country and Regional Indices . . . . .	90
7.2	MVIS Sector Indices . . . . .	90
7.3	MVIS Hard Assets Indices . . . . .	90
7.4	Names and Tickers - Country and Regional Indices . . . . .	91
7.5	Names and Tickers - Sector Indices . . . . .	92
7.6	Names and Tickers - Hard Assets Indices . . . . .	93

CONTENTS

7.7 Launch Dates and Base Values - Country and Regional Indices . . . . .	94
7.8 Launch Dates and Base Values - Sector Indices . . . . .	95
7.9 Launch Dates and Base Values - Hard Assets Indices . . . . .	96
7.10 Changes to the Index Guide . . . . .	97
<b>8 Disclaimer</b>	<b>98</b>

## 1 INTRODUCTION

### 1 Introduction

In accordance with Art. 13 No. 1 (a) of Regulation (EU) 2016/1011 of the European Parliament and of the Council of 8 June 2016 (the "Benchmark Regulation"), this document provides the rules for establishing, calculating and maintaining the MVIS Equity Index family (the "Indices").

MV Index Solutions GmbH (the "Index Owner") makes no warranties or representations as to the accuracy and/or completeness of the Indices and does not guarantee the results obtained by persons using the Indices in connection with trading funds or securities. The Index Owner makes no representations regarding the advisability of investing in any fund or security.

The Index Owner reserves the right to update the rules in this Index Guide at any time. The Index Owner also reserves the right to make, in exceptional cases or in temporary situations, exceptions to the rules in this Index Guide. The Indices are the property of MV Index Solutions GmbH. The Index Owner has selected an index calculator to calculate the Indices.

MVIS® is a registered trademark of Van Eck Associates Corporation and therefore protected globally against unlawful usage. The use of MVIS Indices in connection with any financial products or for benchmarking purposes requires a license. Please contact MV Index Solutions GmbH for more details.

For all indices composed of data of BM&FBOVESPA please reference to the document "Terms and Conditions BM&FBOVESPA" available on <http://www.solactive.com>.

#### 1.1 Approval of Index Methodologies

The Index Owner has established the Indices and their individual methodology covered in this Index Guide. A detailed written "Procedure for Index Development" describes the steps and approvals required to develop, document and approve an Index and its methodology. The intention of the Procedure for Index Development is to ensure that the methodology of an Index meets the requirements of Art. 12 of the Benchmark Regulation and is approved and implemented according to a robust and reliable process.

The methodology for each index and its methodology covered in this Index Guide has been analysed by the Index Owner's Index Operations department in order to ensure that it is robust and reliable, has clear rules on use of discretion, allows sustainable validation (based on reasonable back testing) and is traceable and verifiable. Furthermore, the size, liquidity and transparency of the underlying market for each methodology has been tested and particular circumstances for each relevant market have been taken into account.

Each index methodology and the related detailed analysis was presented by the Index Operations Department to the Independent Oversight Function for its approval. Based on the aforementioned approval process and its documentation each Index Methodology was presented to the Management Board (Geschäftsführer) of the Index Owner for final approval.

#### 1.2 Review of this Index Guide

According to Art. 13 No. 1 (b) of the Benchmark Regulation, the Index Owner reviews this Index Guide on an annual basis and immediately in case of special circumstances that require a review. The review takes place in meetings attended by the Independent Oversight Function and the Management Board of the Index Owner. If changes to this Index Guide are considered necessary, the process described in Section 5.6 applies.

## 2 INDEX UNIVERSE

## 2 Index Universe

### 2.1 Index Universe

The index universe will include only common stocks and stocks with similar characteristics from financial markets that are freely investable for foreign investors and that provide real-time and historical component and currency pricing. Limited Partnerships (LPs) are excluded.

Companies from financial markets that are not freely investable for foreign investors or that do not provide real-time and historical component and currency pricing may still be eligible if they have a listing on an eligible exchange and if they meet all the size and liquidity requirements on this exchange.

Due to investment restrictions in Argentina, Bahrain, China (domestic market), India, Kuwait, Oman, Qatar, Saudi Arabia, the United Arab Emirates and Vietnam, listings on these exchanges are not eligible for MVIS Indices.

The following exceptions apply:

- for the respective country indices (India, Kuwait, Qatar, United Arab Emirates and Vietnam), the local exchange listings may be included,
- for the MVIS Global Rare Earth/Strategic Metals Index, Shanghai-listed companies trading via the Shanghai-Hong Kong Stock Connect may be included.

If a company with a listing in one of the above mentioned countries has another listing on an eligible foreign exchange that meets all investability, size and liquidity requirements, this listing will be eligible for all MVIS Indices.

Only stocks that have a full market capitalisation exceeding 50.0m USD are eligible for the index universe.

### 2.2 Investable Index Universe

Only companies with a free-float (or shares available to foreign investors) of 5% or more for existing index components or 10% or more for new components are eligible for inclusion.

In addition to the above, stocks that are currently not in the index must meet the following size and liquidity requirements (if composite country volume data exists, it will be used to identify the investable index universe; once a company has qualified for the investable index universe, the most liquid single exchange price source within the country is selected):

- full market capitalisation exceeding 150.0m USD, and
- a three-month average-daily-trading volume of at least 1.0m USD at the current review and also at the previous two reviews, and
- at least 250,000 shares traded per month over the last six months at the current review and also at the previous two reviews.

For stocks already in the index the following applies:

- a full market capitalisation exceeding 75.0m USD, and
- a three-month average-daily-trading volume of at least 0.2m USD in at least two of the latest three quarters (current review and also at the previous two reviews).
- In addition, a three-month average-daily-trading volume of at least 0.6m USD at the current review or at one of the previous two reviews, or

## 2 INDEX UNIVERSE

- at least 200,000 shares traded per month over the last six months at the current review or at one of the previous two reviews.
- In case the number of investable stocks drops below the minimum component number for the respective index, additional companies are flagged eligible by the Index Owner's decision until the number of eligible stocks equals the minimum component count.

Only one share line of each company is eligible. In case more than one share line fulfils the above size and liquidity rules, only the largest share line by free-float market capitalisation is eligible. The Index Owner can, in exceptional cases (e.g. significantly higher liquidity), decide for a different share line.

In case the free-float market capitalisation of a non-component share line

- exceeds the free-float market capitalisation of a share line of the same company which is an index component by at least 25%, and
- fulfils all size and liquidity eligibility criteria for non-components

the current component share line will be replaced by the larger one. The Index Owner can, in exceptional cases (e.g. significantly higher liquidity), decide to keep the current share line instead.

## 3 GENERAL DEFINITIONS

### 3 General Definitions

#### 3.1 Free-Float

The Indices are free-float adjusted - the number of shares outstanding is reduced to exclude closely held shares (amount larger than 5% of the company's full market capitalisation) from the index calculation.

At times other adjustments are made to the share count to reflect foreign ownership limits. These are combined with the block-ownership adjustments into a single factor. To avoid unwanted double counting, either the block-ownership adjustment or the restricted stocks adjustment is applied, whichever produces the higher result.

Free-float factors are reviewed quarterly.

#### 3.2 Weighting Schemes

Most MVIS indices use cap-factors to guarantee diversification and avoid overweighting. Please refer to the individual index description in section 4 for the capping scheme used.

Index weightings are reviewed on a quarterly basis.

Weighting Scheme: 8%-Cap

The 8%-cap ensures diversification by assigning weights to components which cannot exceed 8% but still ensures bigger sizes of bigger companies.

1. All companies are ranked by their free-float market capitalisation. The maximum weight for any single stock is 8%. If a stock exceeds the maximum weight, then the weight will be reduced to the maximum weight and the excess weight shall be redistributed proportionally across all other index constituents. This process is repeated until no stocks have weights exceeding the respective maximum weight.
2. The 8%-cap weighting scheme will be applied to the largest stocks and the excess weight after each step shall be redistributed across all other (uncapped) stocks in the index on a proportional basis:
  - If the largest two stocks exceed 8%, both will be capped at 8%.
  - If the 3rd largest stock exceeds 7%, it will be capped at 7%.
  - If the 4th largest stock exceeds 6.5%, it will be capped at 6.5%.
  - If the 5th largest stock exceeds 6%, it will be capped at 6%.
  - If the 6th largest stock exceeds 5.5%, it will be capped at 5.5%.
  - If the 7th largest stock exceeds 5%, it will be capped at 5%.
  - If any other stock exceeds 4.5%, it will be capped at 4.5%.
3. The maximum weight of any single non-local stock is 4.5% in the country/regional indices and for silver stocks in the MVIS Global Junior Gold Miners Index.

Weighting Scheme: 10%-Cap

The 10%-cap ensures diversification by assigning weights to components which cannot exceed 10% but still ensures bigger sizes of bigger companies.

All companies are ranked by their free-float market capitalisation. The maximum weight for any single stock is 10%, 4.5% for non-local stocks respectively. If a stock exceeds the maximum weight, the weight



### 3 GENERAL DEFINITIONS

will be reduced to the maximum weight and the excess weight shall be redistributed proportionally across all other index constituents. This process is repeated until no stocks have weights exceeding the respective maximum weight.

#### Weighting Scheme: 20%-Cap

The 20%-cap ensures diversification by assigning weights to components which cannot exceed 20% but still ensures bigger sizes of bigger companies.

All companies are ranked by their free-float market capitalisation. The maximum weight for any single stock is 20%, 4.5% for non-local stocks respectively. If a stock exceeds the maximum weight, the weight will be reduced to the maximum weight and the excess weight shall be redistributed proportionally across all other index constituents. This process is repeated until no stocks have weights exceeding the respective maximum weight.

#### Weighting Scheme: 4.5%/20%/50%-Cap

This weighting scheme ensures diversification by assigning weights to components which cannot exceed 20% but still ensures bigger sizes of bigger companies.

1. All index components are weighted by their free-float market capitalisation.
2. All companies exceeding 4.5% but at least the largest 5 and at the maximum the largest 10 companies are grouped together (so called "Large-Weights"). All other companies are grouped together as well (so called "Small-Weights").
3. The aggregated weighting of the Large-Weights is capped at 50%:
  - Large-Weights: If the aggregated weighting of all companies in Large-Weight exceeds 50%, then a capping factor is calculated to bring the weighting down to 50% - at the same time a second capping factor for the Small-Weights is calculated to increase the aggregated weight to 50%. These two factors are then applied to all companies in the Large-Weights or the Small-Weights respectively. Then
  - Large-Weights: The maximum weight for any single stock is 20% and the minimum weighting is 5%. If a stock is above the maximum or below the minimum weight, then the weight will be reduced to the maximum weight or increased to the minimum weight and the excess weight shall be redistributed proportionally across all other remaining index constituents in the Large-Weights. Then
  - Small-Weights: The maximum weight for any single stock is 4.5%. If a stock is above the maximum weight, then the weight will be reduced to the maximum weight and the excess weight shall be redistributed proportionally across all other remaining index constituents in the Small-Weights.

#### Weighting Scheme: Equal Weighting

An equal weighting overweighs smaller companies compared to a market capitalisation weighted index. Let "N" be the number of companies in the index. The weight for any single stock is  $1/N$ .

#### Weighting Scheme: GDP Weighting

The GDP weighting schemes ensures countries are represented less by market capitalisation and liquidity of their respective market, but more by their economic strength.

### 3 GENERAL DEFINITIONS

1. For all countries which are covered by the index all most recent GDP figures are aggregated. The annual GDP weighting for each eligible country is calculated as the GDP of this country divided by the total GDP of all countries covered by the index.

All companies in the index are assigned to the

- (a) home country - i.e., for companies which are incorporated in the index region,
- (b) country where they generate most of their revenues (or - where applicable - have at least 50% of their assets) in the index region - for non-local companies.

For each of these countries the GDP country weighting is calculated, which is in general capped at 35%. A specific country weighting must be supported by a required minimum number of components or the GDP Country-Weighting is reduced. The GDP Country-Weighting scheme will be applied from top-down, i.e. from the largest country by GDP to the smallest country. The excess weight after each step shall be redistributed across all (uncapped) countries in the index on a proportional basis.

2. If the number of components of the respective country is equal or less than

- 10, the GDP Country-Weighting is capped at 30%.
- 7, the GDP Country-Weighting is capped at 17.5%.
- 4, the GDP Country-Weighting is capped at 10%.
- 2, the GDP Country-Weighting is capped at 5%.
- 1, the GDP Country-Weighting is capped at 2.5%.

If a country does not have enough companies to support the GDP Country-Weighting, the GDP Country-Weighting weight will be lowered to the next smaller level (as per list above); the remaining weight will be distributed among the uncapped countries.

This test is run every quarter to reflect changes to the number of components per country and changes to the set of countries for the index.

3. After the country GDP weights have been applied, an additional weighting cap factor is calculated on a component level. It follows the 8% capping as described in section 3.2.

The annual GDP weightings are reviewed annually and are kept unchanged during the following three quarterly reviews.

Every quarter the GDP country-weighting cap factors for each country are re-set to reflect the annual GDP Country-Weightings.

The primary source for GDP data is the International Monetary Fund (IMF). The actual GDP figures for the prior year are used; if the actual figures are not available, the estimated figures for the prior year will be used. If some GDP figures are still not available at the time of the annual review of the GDP Indices in June, other sources like the Organization for Economic Cooperation and Development (OECD) and government organisations may be used as well.

#### Weighting Scheme: Uncapped

An uncapped index reflects the real market capitalisation of its components.

All companies are ranked by their free-float market capitalisation without a capping. All company-weighting cap factors are fixed at 1.

### 3 GENERAL DEFINITIONS

#### 3.3 Index Types/Dividend Payments

The total return index includes all dividend payments (on a net-dividend basis, i.e., net dividend equals declared dividend less withholding tax, for the Total Return Net indices (TRN) and on a gross-dividend basis, i.e., gross dividend = declared dividend, for the Total Return Gross Indices (TRG)) and the price index only includes special dividends from non-operating income or cash dividends that are either declared as special or extraordinary, or do not coincide with the company's regular dividend distribution schedule. Australian companies may pay dividends with or without franking credits (unfranked, partially franked or fully franked) attached. Withholding tax will only be applied on the unfranked portion of the dividend but not on the franked portion of the dividend or unfranked portion of the dividend declared to be conduit foreign income.

If the dividend amount for an index component is not available on the ex-date, an amount of "0" (zero) will be applied. If for the same index component the dividend amount is available after the ex-date and applied to the price of this company, there will still be no adjustment to the index on this day either.

For the most recent list of withholding taxes, please refer to our website ([www.mvis-indices.com](http://www.mvis-indices.com)).

#### 3.4 Review Schedule

The reviews for all Indices are based on the closing data on the last business day in February, May, August and November. If a company does not trade on the last business day in February, May, August or November, the last available price for this company will be used.

A "business day" means any day (other than a Saturday or Sunday) on which commercial banks and foreign exchange markets settle payments in Frankfurt.

The underlying index data (e.g. new number of shares, new free-float factors, and new weighting cap factors) is announced on the second Friday in a quarter-end month (i.e. March, June, September and December). The weighting cap factors are based on closing data of the Wednesday prior to the second Friday in a quarter-end month (i.e. March, June, September and December).

GDP Factors are announced on the second Friday in June.

Changes will be implemented and based on the closing prices of the third Friday of every quarter-end month (i.e. March, June, September and December). If the third Friday is not a business day, the review will take place on the last business day before the third Friday. If a company does not trade on the third Friday of a quarter-end month, then the last available price for this company will be used. Changes become effective on the next business day.

#### 3.5 Pricing Source

For each stock the pricing from the respective home market is used. In cases where ADRs, GDRs or similar products, or a secondary listing exist either on an exchange in the US or in the UK, the alternative price source is used (instead of the home market price source) if it meets the standard liquidity requirements at a quarterly review, i.e.,

- a three-month average-daily-trading volume of at least 1.0m USD at the current review and also at the previous two reviews, and
- at least 250,000 shares traded per month over the last six months at the current review and also at the previous two reviews.

If composite country volume data exists, it is used to identify the investable index universe; once a company has qualified for the Investable Index Universe, the most liquid single exchange price source within the country is selected.

### 3 GENERAL DEFINITIONS

If more than one price source meets the liquidity requirements (section 2.2), the prices will be selected in the following order:

1. US price source,
2. UK price source - London Stock Exchange International Order Book (IOB) only,
3. Home-market price source.

Once the price source is switched to the alternative price source, the alternative price source is used as long as it meets the standard liquidity requirements. The Index Owner can, in exceptional cases, assign alternative pricing sources.

The rule above applies to all Indices but

- A US price source is used for:
  - the MVIS US Business Development Companies Index,
  - the MVIS US Listed Biotech 25 Index,
  - the MVIS US Listed Oil Services 25 Index,
  - the MVIS US Listed Pharmaceutical 25 Index,
  - the MVIS US Listed Retail 25 Index,
  - the MVIS US Listed Semiconductor 25 and
  - the MVIS US Mortgage REITs Index.
- An Australian price source is used for:
  - the MVIS Australia Index,
  - the MVIS Australia Equal Weight Index,
  - the MVIS Australia Uncapped Index,
  - the MVIS Australia A-REITs Index,
  - the MVIS Australia Banks Index,
  - the MVIS Australia Resources Index,
  - the MVIS Australia Small-Cap Index, and
  - the MVIS Australia Small-Cap Dividend Payers Index.

#### 3.6 Index Currency

Real-time index values are calculated with the midpoint between the latest available real-time bid- and ask-prices.

The closing values for the MVIS Australia indices are calculated at 17:00:00 Sydney Time with fixed 15:00 Sydney Time exchange rates from WM company.

The closing values for all other indices are calculated at 22:40:00 CET with fixed 17:00 exchange rates from WM company.

## 4 Indices

The following sections define all relevant index parameters, this includes

- Universe: eligible companies,
- Review: selection and weightings,
- Dissemination: times, currencies and identifiers.

## 4 INDICES

### 4.1 MVIS® Australia Index

The index includes both local and non-local companies:

- Local companies are incorporated in Australia.
- Non-local companies are companies incorporated outside of Australia whose revenues/related assets in Australia are at least 50% (25% for current components).

Components of the MVIS Australia Index must be listed on the Australian Securities Exchange (ASX). The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The Components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 95th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25 companies, then the largest remaining stocks are selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. In case of a merger of index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 10:00 and 17:00 (Sydney Time) and the index values are disseminated to data vendors every 15 seconds on days when the ASX is open for trading. The index is disseminated in AUD.

Australian foreign ownership limits are not applied to the float factors used for the MVIS Australia Index.

The MVIS Australia Index is calculated as a price index, a total return net index and a total return gross index using AUD prices and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA5PR4	BG7ZLY0	SLA5PR	MVAUS	.MVAUS
Total Return Net Index	DE000SLA5NR9	BG7ZLX9	SLA5NR	MVAUSTR	.MVAUSTR
Total Return Gross Index	DE000SLA5GR3	BG7ZLW8	SLA5GR	MVAUSTRG	.MVAUSTRG

All three indices (price, total return net and total return gross) were launched on 29 November 2013 with a base index value of 1000.00 as of 31 December 2002.

## 4 INDICES

### 4.2 MVIS® Australia Equal Weight Index

The index includes both local and non-local companies:

- Local companies are incorporated in Australia.
- Non-local companies are companies incorporated outside of Australia whose revenues/related assets in Australia are at least 50% (25% for current components).

Components of the MVIS Australia Equal Weight Index must be listed on the Australian Securities Exchange (ASX).

The MVIS Australia Equal Weight Index has the same index constituents as the MVIS Australia Index (MVAUS). The only difference is the weighting scheme of both indices. Index components are equally weighted as described in section 3.2.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 95th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 10:00 and 17:00 (Sydney Time) and the index values are disseminated to data vendors every 15 seconds on days when the ASX is open for trading. The index is disseminated in AUD.

Australian foreign ownership limits are not applied to the float factors used for the MVIS Australia Equal Weight Index.

The MVIS Australia Equal Weight Index is calculated as a price index, a total return net index and a total return gross index and has the following identifiers:

**4 INDICES**

<b>Index Type</b>	<b>ISIN</b>	<b>SEDOL</b>	<b>WKN</b>	<b>Bloomberg</b>	<b>Reuters</b>
Price Index	DE000SLA6PR2	BG7ZM14	SLA6PR	MVMVW	.MVMVW
Total Return Net Index	DE000SLA6NR7	BG7ZM03	SLA6NR	MVMVWTR	.MVMVWTR
Total Return Gross Index	DE000SLA6GR1	BG7ZLZ1	SLA6GR	MVMVWTRG	.MVMVWTRG

All three indices (price, total return net and total return gross) were launched on 29 November 2013 with a base index value of 1000.00 as of 31 December 2002.



## 4 INDICES

### 4.3 MVIS® Australia Uncapped Index

The index includes both local and non-local companies:

- Local companies are incorporated in Australia.
- Non-local companies are companies incorporated outside of Australia whose revenues/related assets in Australia are at least 50% (25% for current components).

Components of the MVIS Australia Uncapped Index must be listed on the Australian Securities Exchange (ASX).

The MVIS Australia Uncapped Index has the same index constituents as the MVIS Australia Index (MVAUS). The only difference is the weighting scheme of both indices. No weighting caps are applied (see section 3.2).

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 95th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 10:00 and 17:00 (Sydney Time) and the index values are disseminated to data vendors every 15 seconds on days when the ASX is open for trading.

The index is disseminated in AUD.

Australian foreign ownership limits are not applied to the float factors used for the MVIS Australia Uncapped Index. The MVIS Australia Uncapped Index is calculated as a price index, a total return net index and a total return gross index and has the following identifiers:

**4 INDICES**

<b>Index Type</b>	<b>ISIN</b>	<b>SEDOL</b>	<b>WKN</b>	<b>Bloomberg</b>	<b>Reuters</b>
Price Index	DE000SLA7PR0	BG7ZM47	SLA7PR	MVAUSU	.MVAUSU
Total Return Net Index	DE000SLA7NR5	BG7ZM36	SLA7NR	MVAUSUTR	.MVAUSUTR
Total Return Gross Index	DE000SLA7GR9	BG7ZM25	SLA7GR	MVAUSUTG	.MVAUSUTG

All three indices (price, total return net and total return gross) were launched on 29 November 2013 with a base index value of 1000.00 as of 31 December 2002.

## 4 INDICES

### 4.4 MVIS® Australia A-REITs Index

The index includes both local and non-local companies:

- Local companies are incorporated in Australia.
- Non-local companies are companies incorporated outside of Australia whose revenues/related assets in Australia are at least 50% (25% for current components).

The index only includes companies that are classified as REITs (Real Estate Investment Trusts). Components of the MVIS Australia A-REITs Index must be listed on the Australian Securities Exchange (ASX).

The 10% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 10 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 10, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 10.
5. In case the number of eligible companies is below 10, additional companies are added by the Index Owner's decision until the number of stocks equals 10.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 10. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 10:00 and 17:00 (Sydney Time) and the index values are disseminated to data vendors every 15 seconds on days when the ASX is open for trading. The index is disseminated in AUD.

Australian foreign ownership limits are not applied to the float factors used for the MVIS Australia A-REITs Index.

The MVIS Australia A-REITs Index is calculated as a price index, total return net index and a total return gross index and has the following identifiers:

4 INDICES

<b>Index Type</b>	<b>ISIN</b>	<b>SEDOL</b>	<b>WKN</b>	<b>Bloomberg</b>	<b>Reuters</b>
Price Index	DE000SLAOE82	B8KM3D5	SLAOE8	MVMVA	.MVMVA
Total Return Net Index	DE000SLAOAW7	B8BRR93	SLAOAW	MVMVATR	.MVMVATR
Total Return Gross Index	DE000SLAOAX5	B8FP3H3	SLAOAX	MVMVATRG	.MVMVATRG

Price and total return net versions were launched on 21 December 2012 with a base index value of 1000.00 as of 29 December 2006, the total return gross was launched on 21 February 2013 with a base value of 1000.00 as of 29 December 2006.

## 4 INDICES

### 4.5 MVIS® Australia Banks Index

The index includes both local and non-local companies:

- Local companies are incorporated in Australia.
- Non-local companies are companies incorporated outside of Australia whose revenues from banking in Australia are at least 50% (25% for current components).

The index includes companies that derive at least 50% of their revenues (or - where applicable - have at least 50% of their assets) from banking for local companies or at least 50% of their revenues (or - where applicable - have at least 50% of their assets) from banking in Australia for non-local companies. This includes banks and financial institutions which are focused on a broad range of financial services including investment banking, brokerage services and corporate lending. Companies with a clear focus on asset management, custody, insurance or commercial lending are excluded.

Components of the MVIS Australia Banks Index must be listed on the Australian Securities Exchange (ASX).

The 20% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 7 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 7, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 7.
5. In case the number of eligible companies is below 7, additional companies are added by the Index Owner's decision until the number of stocks equals 7.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 7. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 10:00 and 17:00 (Sydney Time) and the index values are disseminated to data vendors every 15 seconds on days when the ASX is open for trading. The index is disseminated in AUD.

Australian foreign ownership limits are not applied to the float factors used for the MVIS Australia Banks Index.

4 INDICES

The MVIS Australia Banks Index is calculated as a price index, a total return net index and a total return gross index and has the following identifiers:

<b>Index Type</b>	<b>ISIN</b>	<b>SEDOL</b>	<b>WKN</b>	<b>Bloomberg</b>	<b>Reuters</b>
Price Index	DE000SLA0AY3	B85K6Q8	SLA0AY	MVMVB	.MVMVB
Total Return Net Index	DE000SLA0AZ0	B8B8XP4	SLA0AZ	MVMVBTR	.MVMVBTR
Total Return Gross Index	DE000SLA0BA1	B8KJR23	SLA0BA	MVMVBTRG	.MVMVBTRG

Price and total return net versions were launched on 21 December 2012 with a base index value of 1000.00 as of 29 December 2006, the total return gross was launched on 21 February 2013 with a base value of 1000.00 as of 29 December 2006.

## 4 INDICES

### 4.6 MVIS® Australia Resources Index

The index includes both local and non-local companies:

- Local companies are incorporated in Australia.
- Non-local companies are companies incorporated outside of Australia whose revenues from/related assets in natural resources in Australia are at least 50% (25% for current components).

The index includes companies that derive at least 50% of their revenues (or - where applicable - have at least 50% of their assets) from resources for local companies or at least 50% of their revenues (or - where applicable - have at least 50% of their assets) from natural resources in Australia for non-local companies. This includes companies which are focused on physical energy commodities (coal, uranium, oil and gas including drilling, mining, equipment, and services). It also includes companies which are focused on mining (including companies with mining projects that have the potential to generate at least 50% of their revenues from mining when developed), mining services, related transportation and producers of mining equipment and machinery.

Components of the MVIS Australia Resources Index must be listed on the Australian Securities Exchange (ASX).

The 8% Capping Scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25 companies, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 10:00 and 17:00 (Sydney Time) and the index values are disseminated to data vendors every 15 seconds on days when the ASX is open for trading. The index is disseminated in AUD.

4 INDICES

Australian foreign ownership limits are not applied to the float factors used for the MVIS Australia Resources Index.

The MVIS Australia Resources Index is calculated as a price index, a total return net index and a total return gross index and has the following identifiers:

<b>Index Type</b>	<b>ISIN</b>	<b>SEDOL</b>	<b>WKN</b>	<b>Bloomberg</b>	<b>Reuters</b>
Price Index	DE000SLA0BW5	B805C93	SLA0BW	MVMVR	.MVMVR
Total Return Net Index	DE000SLA0BY1	B7Y48S0	SLA0BY	MVMVRTR	.MVMVRTR
Total Return Gross Index	DE000SLA0BZ8	B85R346	SLA0BZ	MVMVRTRG	.MVMVRTRG

Price and total return net versions were launched on 21 December 2012 with a base index value of 1000.00 as of 29 December 2006, the total return gross was launched on 21 February 2013 with a base value of 1000.00 as of 29 December 2006.



## 4 INDICES

### 4.7 MVIS® Australia Small-Cap Index

The index includes both local and non-local companies:

- Local companies are incorporated in Australia.
- Non-local companies are companies incorporated outside of Australia whose revenues/related assets in Australia are at least 50% (25% for current components).

Components of the MVIS Australia Small-Cap Index must be listed on the Australian Securities Exchange (ASX).

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: 100% of the free-float market capitalisation of the investable small-cap universe with at least 25 companies.

Review procedure:

1. Companies are valued by full market capitalisation (all secondary lines are grouped). All companies (and not securities) that are incorporated Australian companies are sorted by full market capitalisation in descending order.
2. Companies covering the top 90% of the full market capitalisation are excluded. Only companies ranking between 90% and 98% qualify for the selection. However, existing components ranking between 85% and 90% or 98% and 99% also qualify for the selection.
3. Non-local companies will qualify the same way as local stocks in step 2, i.e., non-local companies that are currently not in the index and that are smaller than the local company at the 90% threshold from step 2 or that are larger than the local company at the 98% threshold from step 2 will also qualify for the selection; non-local companies that are currently in the index will also qualify for the selection if they are smaller than the local company at the 85% threshold from step 2 or if they are larger than the local company at the 99% threshold from step 2.
4. All companies which qualified in step 2 and 3 are now viewed as securities (companies with secondary lines are ungrouped and treated separately). Only securities that meet all requirements of the investable index universe are added to the index.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 10:00 and 17:00 (Sydney Time) and the index values are disseminated to data vendors every 15 seconds on days when the ASX is open for trading. The index is disseminated in AUD.

4 INDICES

Australian foreign ownership limits are not applied to the float factors used for the MVIS Australia Small-Cap Index.

The MVIS Australia Small-Cap Index is calculated as a price index, a total return net index and a total return gross index and has the following identifiers:

<b>Index Type</b>	<b>ISIN</b>	<b>SEDOL</b>	<b>WKN</b>	<b>Bloomberg</b>	<b>Reuters</b>
Price Index	DE000SLA0A45	B73M2H2	SLA0A4	MVIDD	.MVIDD
Total Return Net Index	DE000SLA0A52	B8Q5W64	SLA0A5	MVIDDTR	.MVIDDTR
Total Return Gross Index	DE000SLA8A62	B83L221	SLA8A6	MVIDDTRG	.MVIDDTRG

Price and total return net versions were launched on 21 December 2012 with a base index value of 1000.00 as of 29 December 2006, the total return gross was launched on 21 February 2013 with a base value of 1000.00 as of 29 December 2006.

## 4 INDICES

### 4.8 MVIS® Australia Small-Cap Dividend Payers Index

The index includes both local and non-local companies, which did not omit their latest dividend payment:

- Local companies are incorporated in Australia.
- Non-local companies are companies incorporated outside of Australia whose revenues/related assets in Australia are at least 50% (25% for current components).

Components of the MVIS Australia Small-Cap Dividend Payers Index must be listed on the Australian Securities Exchange (ASX).

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: 100% of the free-float market capitalisation of the investable small-cap, dividend paying universe with at least 25 companies.

Review procedure:

1. Companies are valued by full market capitalisation (all secondary lines are grouped). All companies (and not securities) that are considered local listed Australian companies are sorted by full market capitalisation in descending order.
2. Companies covering the top 90% of the full market capitalisation are excluded. Only companies ranking between 90% and 98% are considered small-caps and qualify for the selection. However, existing components ranking between 85% and 90% or 98% and 99% will also be considered small-caps and qualify for the selection.
3. Non-local listed companies will qualify the same way as local stocks in step 2, i.e.
  - (a) dividend paying non-local companies that are currently not in the index and that are smaller than the local company at the 90% threshold from step 2 and that are larger than the local company at the 98% threshold from step 2 will also qualify for the selection;
  - (b) non-local companies that are currently in the index and did not omit their latest dividend will also qualify for the selection if they are smaller than the local company at the 85% threshold from step 2 or if they are larger than the local company at the 99% threshold from step 2.
4. All eligible companies from step 2 and 3 are now viewed as securities (companies with secondary lines are ungrouped and treated separately). Only securities that meet all requirements of the investable index universe are added to the index.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 10:00 and 17:00 (Sydney Time) and the index values are disseminated to data vendors every 15 seconds on days when the ASX is open for trading.

4 INDICES

The index is disseminated in AUD.

Australian foreign ownership limits are not applied to the float factors used for the MVIS Australia Small-Cap Dividend Payers Index.

The MVIS Australia Small-Cap Dividend Payers Index is calculated as a price index, a total return net index and a total return gross index and has the following identifiers:

<b>Index Type</b>	<b>ISIN</b>	<b>SEDOL</b>	<b>WKN</b>	<b>Bloomberg</b>	<b>Reuters</b>
Price Index	DE000SLA0D67	BWGCH46	SLA0D6	MVMVS	.MVMVS
Total Return Net Index	DE000SLA0D75	BWGCH68	SLA0D7	MVMVSTR	.MVMVSTR
Total Return Gross Index	DE000SLA8D83	BWGCH57	SLA8D8	MVMVSTRG	.MVMVSTRG

The indices were launched on 23 March 2015 with a base index value of 1000.00 as of 31 December 2009.

4 INDICES

4.9 MVIS® Brazil Index

The index includes both local and non-local companies:

- Local companies are incorporated in Brazil.
- Non-local companies are companies incorporated outside of Brazil whose revenues/related assets in Brazil are at least 50% (25% for current components).

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Brazil Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000A1DKN35	B51Q4V0	A1DKN3	MVBRA	.MVBRA
Total Return Net Index	DE000A1DKN43	B51XN47	A1DKN4	MVBRATR	.MVBRATR

Both indices were launched on 14 July 2010 with a base index value of 1000.00 as of 30 December 2004.

## 4 INDICES

### 4.10 MVIS® Brazil Small-Cap Index

The index includes both local and non-local companies:

- Local companies are incorporated in Brazil.
- Non-local companies are companies incorporated outside of Brazil whose revenues/related assets in Brazil are at least 50% (25% for current components).

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a semi-annually basis in March and September. Target coverage: 100% of the free-float market capitalisation of the investable small-cap universe with at least 25 companies.

Review procedure:

1. Companies are valued by full market capitalisation (all secondary lines are grouped). All companies (and not securities) that are incorporated Brazilian companies are sorted by full market capitalisation in descending order.
2. Companies covering the top 90% of the full market capitalisation are excluded. Only companies ranking between 90% and 98% qualify for the selection. However, existing components ranking between 85% and 90% or 98% and 99% also qualify for the selection.
3. Non-local companies will qualify the same way as local stocks in step 2, i.e., non-local companies that are currently not in the index and that are smaller than the local company at the 90% threshold from step 2 or that are larger than the local company at the 98% threshold from step 2 will also qualify for the selection; non-local companies that are currently in the index will also qualify for the selection if they are smaller than the local company at the 85% threshold from step 2 or if they are larger than the local company at the 99% threshold from step 2.
4. All companies which qualified in step 2 and 3 are now viewed as securities (companies with secondary lines are ungrouped and treated separately). Only securities that meet all requirements of the investable index universe are added to the index.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

4 INDICES

The MVIS Brazil Small-Cap Index is calculated as a price index and a total return net index and has the following identifiers:

<b>Index Type</b>	<b>ISIN</b>	<b>SEDOL</b>	<b>WKN</b>	<b>Bloomberg</b>	<b>Reuters</b>
Price Index	DE000SLA0BS3	B45N692	SLA0BS	MVBRF	.MVBRF
Total Return Net Index	DE000SLA0BT1	B4178T2	SLA0BT	MVBRFTR	.MVBRFTR

Both indices were launched on 1 May 2009 with a base index value of 1000.00 as of 30 December 2005.

4 INDICES

4.11 MVIS® Chile Index

The index includes both local and non-local companies:

- Local companies are incorporated in Chile.
- Non-local companies are companies incorporated outside of Chile whose revenues/related assets in Chile are at least 50% (25% for current components).

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Chile Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000A1DKPB5	B53V372	A1DKPB	MVCHL	.MVCHL
Total Return Net Index	DE000A1DKPC3	B53XVZ2	A1DKPC	MVCHLTR	.MVCHLTR

Both indices were launched on 14 July 2010 with a base index value of 1000.00 as of 30 December 2004.



4 INDICES

### 4.12 MVIS® Colombia Index

The index includes both local and non-local companies:

- Local companies are incorporated in Colombia.
- Non-local companies are companies incorporated outside of Colombia whose revenues/related assets in Colombia are at least 50% (25% for current components).

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 20 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 20, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 20.
5. In case the number of eligible companies is below 20, additional companies are added by the Index Owner's decision until the number of stocks equals 20.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Colombia Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA0CP7	B5V03C6	SLA0CP	MVCOLX	.MVCOLX
Total Return Net Index	DE000SLA0CT9	B4VWVQ9	SLA0CT	MVCOLXTR	.MVCOLXTR

Both indices were launched on 10 March 2011 with a base index value of 1000.00 as of 28 December 2007.

4 INDICES

4.13 MVIS® Egypt Index

The index includes both local and non-local companies:

- Local companies are incorporated in Egypt.
- Non-local companies are companies incorporated outside of Egypt whose revenues/related assets in Egypt are at least 50% (25% for current components).

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Egypt Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000A1CQ9C9	B59XCJ7	A1CQ9C	MVEGPT	.MVEGPT
Total Return Net Index	DE000A1CQ9D7	B5BDWK6	A1CQ9D	MVEGPTTR	.MVEGPTTR

Both indices were launched on 3 December 2009 with a base index value of 1000.00 as of 29 December 2005.

4 INDICES

4.14 MVIS® GDP Africa Index

The index includes both local and non-local companies:

- Local companies are incorporated in Africa.
- Non-local companies are companies incorporated outside of Africa whose revenues/related assets in Africa are at least 50% (25% for current components).

The GDP capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS GDP Africa Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA0VK8	B7N60R0	SLA0VK	MVAFK	.MVAFK
Total Return Net Index	DE000SLA0VL6	B7KW7M5	SLA0VL	MVAFKTR	.MVAFKTR

Both indices were launched on 15 May 2012 with a base index value of 1000.00 as of 29 December 2006.

4 INDICES

4.15 MVIS® Germany Index

The index includes both local and non-local companies:

- Local companies are incorporated in Germany.
- Non-local companies are companies incorporated outside of Germany whose revenues/related assets in Germany are at least 50% (25% for current components).

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Germany Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA2ZB4	BZ04943	SLA2ZB	MVGER	.MVGER
Total Return Net Index	DE000SLA2ZC2	BZ04954	SLA2ZC	MVGERTR	.MVGERTR

Both indices were launched on 1 June 2017 with a base index value of 1000.00 as of 29 December 2006.

4 INDICES

### 4.16 MVIS® Germany Equal Weight Index

The index includes both local and non-local companies:

- Local companies are incorporated in Germany.
- Non-local companies are companies incorporated outside of Germany whose revenues/related assets in Germany are at least 50% (25% for current components).

The MVIS Germany Equal Weight Index has the same index constituents as the MVIS Germany Index (MVGER). The only difference is the weighting scheme of both indices. Index components are equally weighted as described in section 3.2.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Germany Equal Weight Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA2ZD0	BZ04965	SLA2ZD	MVDEEQ	.MVDEEQ
Total Return Net Index	DE000SLA2ZE8	BZ04976	SLA2ZE	MVDEEQTR	.MVDEEQTR

Both indices were launched on 1 June 2017 with a base index value of 1000.00 as of 29 December 2006.

4 INDICES

### 4.17 MVIS® Global Agribusiness Index

The MVIS Global Agribusiness Index is a global index that tracks the performance of the global agribusiness segment. This includes companies with at least 50% (25% for current components) of their revenues from agri-chemicals, animal health and fertilisers, seeds and traits, from farm/irrigation equipment and farm machinery, aquaculture and fishing, livestock, cultivation and plantations (including grain, oil palms, sugar cane, tobacco leaves, grapevines etc.) and trading of agricultural products. Companies that produce the majority of their revenues from the distribution and/or sale of packaged food products or goods, biodiesel and ethanol or forestry are not included in the index.

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Global Agribusiness Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA0VA9	B6TKHS9	SLA0VA	MVMOO	.MVMOO
Total Return Net Index	DE000SLA0VB7	B7LZPV8	SLA0VB	MVMOOTR	.MVMOOTR

Both indices were launched on 18 July 2012 with a base index value of 1000.00 as of 29 December 2006.

4 INDICES

### 4.18 MVIS® Global Coal Index

The MVIS Global Coal Index is a global index that tracks the performance of the global coal segment. This includes companies with at least 50% (25% for current components) of their revenues from coal operation (production, mining and cokeries), transportation of coal, production of coal mining equipment as well as storage and trade.

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Global Coal Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA6ME7	B4WVN32	SLA6ME	MVKOL	.MVKOL
Total Return Net Index	DE000SLA6MF4	B6RMSF1	SLA6MF	MVKOLTR	.MVKOLTR

Both indices were launched on 8 May 2012 with a base index value of 1000.00 as of 29 December 2006.

4 INDICES

### 4.19 MVIS® Global Gaming Index

The MVIS Global Gaming Index is a global index that tracks the performance of the global gaming segment. This includes companies with at least 50% (25% for current components) of their revenues from casinos and casino hotels, sport betting (including internet gambling, racetracks), lottery services as well as gaming services, gaming technology and gaming equipment.

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Global Gaming Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA6MA5	B6TJ849	SLA6MA	MVBJK	.MVBJK
Total Return Net Index	DE000SLA6MB3	B7RNCM6	SLA6MB	MVBJKTR	.MVBJKTR

Both indices were launched on 8 May 2012 with a base index value of 1000.00 as of 29 December 2006.



## 4 INDICES

### 4.20 MVIS® Global Junior Gold Miners Index

The MVIS Global Junior Gold Miners Index tracks the performance of the global gold and silver mining small-cap segment. This includes companies with at least 50% (25% for current components) of their revenues from gold mining/royalties/streaming and/or silver mining/royalties/streaming or with mining projects that have the potential to generate at least 50% of their revenues from gold and/or silver when developed.

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

Companies determined to be 'silver' stocks must not constitute more than 20% of the index. If at a quarterly review, the aggregated weighting of all silver stocks represents more than 20% of the index a sector-weighting cap factor is applied. This sector-weighting cap factor is calculated to ensure that the aggregated weighting of all gold stocks will not be less than 80% and the aggregated weighting of all silver stocks is capped at 20%.

The components of this index are reviewed on a quarterly basis. Target coverage: 100% of the free-float market capitalisation of the investable small-cap universe with at least 25 companies.

Review procedure:

1. Companies are valued by full market capitalisation (all secondary lines are grouped). All companies (and not securities) are sorted by full market capitalisation in descending order.
2. Companies covering the top 60% of the full market capitalisation are excluded. Only companies ranking between 60% and 98% qualify for the selection. However, existing components ranking between 55% and 60% or 98% and 99% also qualify for the selection.
3. All companies which qualified in step 2 are now viewed as securities (companies with secondary lines are ungrouped and treated separately). Only securities that meet all requirements of the investable index universe are added to the index.
4. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Global Junior Gold Miners Index is calculated as a price index and a total return net index and has the following identifiers:

4 INDICES

<b>Index Type</b>	<b>ISIN</b>	<b>SEDOL</b>	<b>WKN</b>	<b>Bloomberg</b>	<b>Reuters</b>
Price Index	DE000A1A4ZV8	B4MS195	A1A4ZV	MVGDXJ	.MVGDXJ
Total Return Net Index	DE000A1A4ZW6	B4MS0R6	A1A4ZW	MVGDXJTR	.MVGDXJTR

Both indices were launched on 31 August 2009 with a base index value of 1000.00 as of 31 December 2003.

4 INDICES

### 4.21 MVIS® Global Oil Refiners Index

The MVIS Global Oil Refiners Index is a global index that tracks the performance of the global oil refining segment. This includes companies with at least 50% (25% for current components) of their revenues from crude oil refining. Products of these companies may include gasoline, diesel, jet fuel, fuel oil, naphtha, and other petrochemicals. Companies which operate in the marketing and distribution of these products are included if refining is performed in company owned refineries.

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Global Oil Refiners Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA0ZW4	BXQ9MD8	SLA0ZW	MVCRAK	.MVCRAK
Total Return Net Index	DE000SLA0ZX2	BXQ9MF0	SLA0ZX	MVCRAKTR	.MVCRAKTR

Both indices were launched on 21 May 2015 with a base index value of 1000.00 as of 31 December 2005.

4 INDICES

4.22 MVIS® Global Rare Earth/Strategic Metals Index

The MVIS Global Rare Earth/Strategic Metals Index tracks the performance of the global rare earth and strategic metals segment. This includes companies with at least 50% (25% for current components) of their revenues from rare earth / strategic metals or with mining projects that have the potential to generate at least 50% of their revenues from rare earth / strategic metals when developed.

Minor Metals/ Mineral		Rare Earth Metals / Minerals	
Antimony	Manganese	Cerium	Terbium
Arsenic	Molybdenum	Dysprosium	Thulium
Beryllium	Niobium = Columbium	Erbium	Ytterbium
Bismuth	Rhenium	Europium	Yttrium
Cadmium	Selenium	Gadolinium	
Chromium	Strontium	Holmium	
Cobalt	Tantalum	Lanthanum	
Gallium	Tellurium	Lutetium	
Germanium	Thallium	Neodymium	
Hafnium	Titanium	Praseodymium	
Indium	Tungsten	Promethium	
Lithium	Vanadium	Samarium	
Magnesium	Zircon and Zirconium	Scandium	

The MVIS Global Rare Earth/Strategic Metals Index includes “Refiners”, “Recyclers” and “Producers” of rare earth / strategic metals and minerals.

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 20 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number in the index is still below 20, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 20.
5. In case the number of eligible companies is below 20, additional companies are added by the Index Owner’s decision until the number of stocks equals 20.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from

4 INDICES

the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading. The index is disseminated in USD.

The MVIS Global Rare Earth/Strategic Metals Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA0RE9	B4QYVK0	SLA0RE	MVREMX	.MVREMX
Total Return Net Index	DE000SLA0RF6	B4V5FZ1	SLA0RF	MVREMXTR	.MVREMXTR

Both indices were launched on October 13, 2010 with a base index value of 1000.00 as of December 28, 2007.

4 INDICES

### 4.23 MVIS® Global Unconventional Oil & Gas Index

The MVIS Global Unconventional Oil & Gas Index tracks the performance of the unconventional oil & gas segment. This includes companies with at least 50% (25% for current components) of their revenues from unconventional oil & gas or with properties that have the potential to generate at least 50% of their revenues from unconventional oil & gas. The unconventional oil & gas segment is defined as: coal bed methane (CBM), coal seam gas (CSG), shale oil, shale gas, tight natural gas, tight oil, tight sands, in situ oil sands and enhanced oil recovery (EOR). Companies that generate at least 50% of their revenues from oil sand mining or from services to the unconventional oil & gas sector are not included in the index. The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Global Unconventional Oil & Gas Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA8N34	B7FQVW0	SLA8N3	MVFRAK	.MVFRAK
Total Return Net Index	DE000SLA8N42	B7FQVX1	SLA8N4	MVFRAKTR	.MVFRAKTR

Both indices were launched on 22 December 2011 with a base index value of 1000.00 as of 29 December 2006.

4 INDICES

### 4.24 MVIS® Global Uranium & Nuclear Energy Index

The MVIS Global Uranium & Nuclear Energy Index is a global index that tracks the performance of the global uranium and nuclear energy segment. This includes companies with at least 50% (25% for current components) of their revenues from uranium mining, mining projects that have the potential to generate at least 50% of their revenues from uranium when developed, in construction, engineering and maintenance of nuclear power facilities and nuclear reactors, production of electricity from nuclear sources, the equipment and technology or services to the nuclear power industry.

Due to the lack of pure-play companies in the global uranium and nuclear energy segment, companies may be added to the index even if they generate less than 50% of their revenues in the global uranium and nuclear energy segment - if companies play a significant role in the global uranium and nuclear energy segment, they may still be included.

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Global Uranium & Nuclear Energy Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA0VH4	B70X922	SLA0VH	MVNLR	.MVNLR
Total Return Net Index	DE000SLA0VJ0	B7MGHC5	SLA0VJ	MVNLRTR	.MVNLRTR

## 4 INDICES

Both indices were launched on 18 July 2012 with a base index value of 1000.00 as of 29 December 2006.



4 INDICES

### 4.25 MVIS® Global Video Gaming & eSports Index

The MVIS Global Video Gaming & eSports Index is a global index that tracks the performance of the global video gaming and eSports segment. This includes companies with at least 50% (25% for current components) of their revenues from video gaming and/or eSports. These companies may include those that develop video games and related software or hardware such as computer processors and graphics cards used in video gaming systems and related hardware such as controllers, headsets, and video gaming consoles. These companies may also include those that offer streaming services, develop video games and/or hardware for use in eSports events and are involved in eSports events such as league operators, teams, distributors and platforms.

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Global Video Gaming & eSports Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA5J17	BG1G1D8	SLA5J1	MVESPO	.MVESPO
Total Return Net Index	DE000SLA5DJ7	BG1G1F0	SLA5DJ	MVESPTR	.MVESPTR

Both indices were launched on 16 July 2018 with a base index value of 1000.00 as of 31 December 2014.

4 INDICES

### 4.26 MVIS® India Index

The index includes both local and non-local companies:

- Local companies are incorporated in India.
- Non-local companies are companies incorporated outside of India whose revenues/related assets in India are at least 50% (25% for current components).

Only local listings on the National Stock Exchange of India (NSE) are eligible for index inclusion.

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS India Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000A1DKPT7	B54WTK9	A1DKPT	MVIND	.MVIND
Total Return Net Index	DE000A1DKPU5	B54N9P7	A1DKPU	MVINDTR	.MVINDTR

Both indices were launched on 14 July 2010 with a base index value of 1000.00 as of 30 December 2004.

## 4 INDICES

### 4.27 MVIS® India Small-Cap Index

The index includes both local and non-local companies:

- Local companies are incorporated in India.
- Non-local companies are companies incorporated outside of India whose revenues/related assets in India are at least 50% (25% for current components).

Only local listings on the National Stock Exchange of India (NSE) are eligible for index inclusion.

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a semi-annually basis in March and September. Target coverage: 100% of the free-float market capitalisation of the investable small-cap universe with at least 25 companies.

Review procedure:

1. Companies are valued by full market capitalisation (all secondary lines are grouped). All companies (and not securities) that are incorporated Indian companies are sorted by full market capitalisation in descending order.
2. Companies covering the top 90% of the full market capitalisation are excluded. Only companies ranking between 90% and 98% qualify for the selection. However, existing components ranking between 85% and 90% or 98% and 99% also qualify for the selection.
3. Non-local companies will qualify the same way as local stocks in step 2, i.e., non-local companies that are currently not in the index and that are smaller than the local company at the 90% threshold from step 2 or that are larger than the local company at the 98% threshold from step 2 will also qualify for the selection; non-local companies that are currently in the index will also qualify for the selection if they are smaller than the local company at the 85% threshold from step 2 or if they are larger than the local company at the 99% threshold from step 2.
4. All companies which qualified in step 2 and 3 are now viewed as securities (companies with secondary lines are ungrouped and treated separately). Only securities that meet all requirements of the investable index universe are added to the index.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

4 INDICES

The MVIS India Small-Cap Index is calculated as a price index and a total return net index and has the following identifiers:

<b>Index Type</b>	<b>ISIN</b>	<b>SEDOL</b>	<b>WKN</b>	<b>Bloomberg</b>	<b>Reuters</b>
Price Index	DE000A1CQ9A3	B58BTW4	A1CQ9A	MVSCIF	.MVSCIF
Total Return Net Index	DE000A1CQ9B1	B57WZ75	A1CQ9B	MVSCIFTR	.MVSCIFTR

Both indices were launched on 12 December 2009 with a base index value of 1000.00 as of 30 December 2004.

4 INDICES

### 4.28 MVIS® Indonesia Index

The index includes both local and non-local companies:

- Local companies are incorporated in Indonesia.
- Non-local companies are companies incorporated outside of Indonesia whose revenues/related assets in Indonesia are at least 50% (25% for current components).

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, then the largest remaining stocks are selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Indonesia Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA0JP2	B3VX4D9	SLA0JP	MVIDX	.MVIDX
Total Return Net Index	DE000SLA0JT4	B3TFKW8	SLA0JT	MVIDXTR	.MVIDXTR

Both indices were launched on 24 November 2008 with a base index value of 1000.00 as of 31 December 2002.

4 INDICES

4.29 MVIS® Japan Index

The index includes both local and non-local companies:

- Local companies are incorporated in Japan.
- Non-local companies are companies incorporated outside of Japan whose revenues/related assets in Japan are at least 50% (25% for current components).

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 50% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 45% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 45th and 55th percentiles also qualify for the index.
4. If the coverage is still below 50% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 50% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Japan Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA2ZF5	BZ04987	SLA2ZF	MVJAP	.MVJAP
Total Return Net Index	DE000SLA2ZG3	BZ04998	SLA2ZG	MVJAPTR	.MVJAPTR

Both indices were launched on 1 June 2017 with a base index value of 1000.00 as of 29 December 2006.

4 INDICES

### 4.30 MVIS® Japan Equal Weight Index

The index includes both local and non-local companies:

- Local companies are incorporated in Japan.
- Non-local companies are companies incorporated outside of Japan whose revenues/related assets in Japan are at least 50% (25% for current components).

The MVIS Japan Equal Weight Index has the same index constituents as the MVIS Japan Index (MVJAP). The only difference is the weighting scheme of both indices. Index components are equally weighted as described in section 3.2.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 50% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 45% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 45th and 55th percentiles also qualify for the index.
4. If the coverage is still below 50% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 50% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Japan Equal Weight Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA2ZH1	BZ049B0	SLA2ZH	MVJPEQ	.MVJPEQ
Total Return Net Index	DE000SLA3L49	BZ049C1	SLA3L4	MVJPEQTR	.MVJPEQTR

Both indices were launched on 1 June 2017 with a base index value of 1000.00 as of 29 December 2006.

4 INDICES

4.31 MVIS® Kuwait Index

The index includes both local and non-local companies:

- Local companies are incorporated in Kuwait.
- Non-local companies are companies incorporated outside of Kuwait whose revenues/related assets in Kuwait are at least 50% (25% for current components).

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Kuwait Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000A1CQ9R7	B588099	A1CQ9R	MVKUWT	.MVKUWT
Total Return Net Index	DE000A1CQ9S5	B5881G3	A1CQ9S	MVKUWTTR	.MVKUWTTR

Both indices were launched on 12 December 2009 with a base index value of 1000.00 as of 30 June 2004.



4 INDICES

4.32 MVIS® Malaysia Index

The index includes both local and non-local companies:

- Local companies are incorporated in Malaysia.
- Non-local companies are companies incorporated outside of Malaysia whose revenues/related assets in Malaysia are at least 50% (25% for current components).

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Malaysia Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000A1DKN50	B50SZM5	A1DKN5	MVMYS	.MVMYS
Total Return Net Index	DE000A1DKN68	B54XRT7	A1DKN6	MVMYSTR	.MVMYSTR

Both indices were launched on 14 July 2010 with a base index value of 1000.00 as of 30 December 2004.

4 INDICES

4.33 MVIS® Mexico Index

The index includes both local and non-local companies:

- Local companies are incorporated in Mexico.
- Non-local companies are companies incorporated outside of Mexico whose revenues/related assets in Mexico are at least 50% (25% for current components).

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Mexico Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000A1DKPP5	B53YL44	A1DKPP	MVMEX	.MVMEX
Total Return Net Index	DE000A1DKPQ3	B542RD8	A1DKPQ	MVMEXTR	.MVMEXTR

Both indices were launched on 14 July 2010 with a base index value of 1000.00 as of 30 December 2004.

4 INDICES

### 4.34 MVIS® Mexico Equal Weight Index

The index includes both local and non-local companies:

- Local companies are incorporated in Mexico.
- Non-local companies are companies incorporated outside of Mexico whose revenues/related assets in Mexico are at least 50% (25% for current components).

The MVIS Mexico Equal Weight Index has the same index constituents as the MVIS Mexico Index (MVMEX). The only difference is the weighting scheme of both indices. Index components are equally weighted as described in section 3.2.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Mexico Equal Weight Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA3ME4	BZ049L0	SLA3ME	MVMXEQ	.MVMXEQ
Total Return Net Index	DE000SLA3MF1	BZ049M1	SLA3MF	MVMXEQTR	.MVMXEQTR

Both indices were launched on 1 June 2017 with a base index value of 1000.00 as of 29 December 2006.

4 INDICES

4.35 MVIS® Pakistan Index

The index includes both local and non-local companies:

- Local companies are incorporated in Pakistan.
- Non-local companies are companies incorporated outside of Pakistan whose revenues/related assets in Pakistan are at least 50% (25% for current components).

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Pakistan Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000A1DKPM2	B540H54	A1DKPM	MVPAK	.MVPAK
Total Return Net Index	DE000A1DKPN0	B51VZF6	A1DKPN	MVPAKTR	.MVPAKTR

Both indices were launched on 14 July 2010 with a base index value of 1000.00 as of 30 June 2006.

4 INDICES

### 4.36 MVIS® Philippines Index

The index includes both local and non-local companies:

- Local companies are incorporated in the Philippines.
- Non-local companies are companies incorporated outside of the Philippines whose revenues/related assets in the Philippines are at least 50% (25% for current components).

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. In case of a merger of index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Philippines Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000A1DKPR1	B4ZZF46	A1DKPR	MVPHL	.MVPHL
Total Return Net Index	DE000A1DKPS9	B51WFK4	A1DKPS	MVPHLTR	.MVPHLTR

Both indices were launched on 14 July 2010 with a base index value of 1000.00 as of 28 December 2007.

## 4 INDICES

### 4.37 MVIS® Poland Index

The index includes both local and non-local companies:

- Local companies are incorporated in Poland.
- Non-local companies are companies incorporated outside of Poland whose revenues/related assets in Poland are at least 50% (25% for current components).

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Poland Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000A1CQ364	B4VB441	A1CQ36	MVPLND	.MVPLND
Total Return Net Index	DE000A1CQ372	B4WJV21	A1CQ37	MVPLNDTR	.MVPLNDTR

Both indices were launched on 16 October 2009 with a base index value of 1000.00 as of 30 December 2005.

4 INDICES

4.38 MVIS® Qatar Index

The index includes both local and non-local companies:

- Local companies are incorporated in Qatar.
- Non-local companies are companies incorporated outside of Qatar whose revenues/related assets in Qatar are at least 50% (25% for current components).

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 20 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 20, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 20.
5. In case the number of eligible companies is below 20, additional companies are added by the Index Owner's decision until the number of stocks equals 20.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Qatar Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000A1DKN76	B540JL4	A1DKN7	MVQAT	.MVQAT
Total Return Net Index	DE000A1DKN84	B559FQ7	A1DKN8	MVQATTR	.MVQATTR

Both indices were launched on 14 July 2010 with a base index value of 1000.00 as of 30 June 2008.

4 INDICES

4.39 MVIS® Russia Index

The index includes both local and non-local companies:

- Local companies are incorporated in Russia.
- Non-local companies are companies incorporated outside of Russia whose revenues/related assets in Russia are at least 50% (25% for current components).

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Russia Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA0HK7	B7FQVR5	SLA0HK	MVRSX	.MVRSX
Total Return Net Index	DE000SLA0UK0	B7FQVS6	SLA0UK	MVRSXTR	.MVRSXTR

Both indices were launched on 14 July 2010 with a base index value of 1000.00 as of 28 September 2007.



## 4 INDICES

### 4.40 MVIS® Russia Small-Cap Index

The index includes both local and non-local companies:

- Local companies are incorporated in Russia.
- Non-local companies are companies incorporated outside of Russia whose revenues/related assets in Russia are at least 50% (25% for current components).

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a semi-annually basis in March and September. Target coverage: 100% of the free-float market capitalisation of the investable small-cap universe with at least 25 companies.

Review procedure:

1. Companies are valued by full market capitalisation (all secondary lines are grouped). All companies (and not securities) that are incorporated Russian companies are sorted by full market capitalisation in descending order.
2. Companies covering the top 90% of the full market capitalisation are excluded. Only companies ranking between 90% and 98% qualify for the selection. However, existing components ranking between 85% and 90% or 98% and 99% also qualify for the selection.
3. Non-local companies will qualify the same way as local stocks in step 2, i.e., non-local companies that are currently not in the index and that are smaller than the local company at the 90% threshold from step 2 or that are larger than the local company at the 98% threshold from step 2 will also qualify for the selection; non-local companies that are currently in the index will also qualify for the selection if they are smaller than the local company at the 80% threshold from step 2 or if they are larger than the local company at the 99% threshold from step 2.
4. All companies which qualified in step 2 and 3 are now viewed as securities (companies with secondary lines are ungrouped and treated separately). Only securities that meet all requirements of the investable index universe are added to the index.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

4 INDICES

The MVIS Russia Small-Cap Index is calculated as a price index and a total return net index and has the following identifiers:

<b>Index Type</b>	<b>ISIN</b>	<b>SEDOL</b>	<b>WKN</b>	<b>Bloomberg</b>	<b>Reuters</b>
Price Index	DE000SLAORP5	B663491	SLAORP	MVRSXJ	.MVRSXJ
Total Return Net Index	DE000SLAORT7	B68TMX7	SLAORT	MVRSXJTR	.MVRSXJTR

Both indices were launched on 8 March 2011 with a base index value of 1000.00 as of 28 December 2007.

4 INDICES

4.41 MVIS® South Africa Index

The index includes both local and non-local companies:

- Local companies are incorporated in South Africa.
- Non-local companies are companies incorporated outside of South Africa whose revenues/related assets in South Africa are at least 50% (25% for current components).

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS South Africa Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000A1DKPD1	B54XT35	A1DKPD	MVZAF	.MVZAF
Total Return Net Index	DE000A1DKPE9	B4YMTT1	A1DKPE	MVZAFTR	.MVZAFTR

Both indices were launched on 14 July 2010 with a base index value of 1000.00 as of 30 December 2004.

4 INDICES

4.42 MVIS® South Korea Index

The index includes both local and non-local companies:

- Local companies are incorporated in South Korea.
- Non-local companies are companies incorporated outside of South Korea whose revenues/related assets in South Korea are at least 50% (25% for current components).

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 70% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 65% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 65th and 75th percentiles also qualify for the index.
4. If the coverage is still below 70% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 70% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS South Korea Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA3L56	BZ049D2	SLA3L5	MVKOR	.MVKOR
Total Return Net Index	DE000SLA3L64	BZ049F4	SLA3L6	MVKORTR	.MVKORTR

Both indices were launched on 1 June 2017 with a base index value of 1000.00 as of 29 December 2006.

4 INDICES

### 4.43 MVIS® South Korea Equal Weight Index

The index includes both local and non-local companies:

- Local companies are incorporated in South Korea.
- Non-local companies are companies incorporated outside of South Korea whose revenues/related assets in South Korea are at least 50% (25% for current components).

The MVIS South Korea Equal Weight Index has the same index constituents as the MVIS South Korea Index (MVKOR). The only difference is the weighting scheme of both indices. Index components are equally weighted as described in section 3.2.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 70% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 65% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 65th and 75th percentiles also qualify for the index.
4. If the coverage is still below 70% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 70% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS South Korea Equal Weight Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA3L72	BZ049G5	SLA3L7	MVKREQ	.MVKREQ
Total Return Net Index	DE000SLA3L80	BZ049H6	SLA3L8	MVKREQTR	.MVKREQTR

Both indices were launched on 1 June 2017 with a base index value of 1000.00 as of 29 December 2006.

4 INDICES

4.44 MVIS® Thailand Index

The index includes both local and non-local companies:

- Local companies are incorporated in Thailand.
- Non-local companies are companies incorporated outside of Thailand whose revenues/related assets in Thailand are at least 50% (25% for current components).

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Thailand Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000A1DKPF6	B55J7K5	A1DKPF	MVTHA	.MVTHA
Total Return Net Index	DE000A1DKPG4	B501NG4	A1DKPG	MVTHATR	.MVTHATR

Both indices were launched on 14 July 2010 with a base index value of 1000.00 as of 30 December 2004.

4 INDICES

4.45 MVIS® Turkey Index

The index includes both local and non-local companies:

- Local companies are incorporated in Turkey.
- Non-local companies are companies incorporated outside of Turkey whose revenues/related assets in Turkey are at least 50% (25% for current components).

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Turkey Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000A1DKPH2	B51T8M8	A1DKPH	MVTUR	.MVTUR
Total Return Net Index	DE000A1DKPJ8	B52W655	A1DKPJ	MVTURTR	.MVTURTR

Both indices were launched on 14 July 2010 with a base index value of 1000.00 as of 30 December 2004.

4 INDICES

4.46 MVIS® United Arab Emirates Index

The index includes both local and non-local companies:

- Local companies are incorporated in the United Arab Emirates.
- Non-local companies are companies incorporated outside of the United Arab Emirates whose revenues/related assets in the United Arab Emirates are at least 50% (25% for current components).

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS United Arab Emirates Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000A1DKPK6	B53ZF34	A1DKPK	MVARE	.MVARE
Total Return Net Index	DE000A1DKPL4	B559YK4	A1DKPL	MVARETR	.MVARETR

Both indices were launched on 14 July 2010 with a base index value of 1000.00 as of 31 March 2006.



4 INDICES

4.47 MVIS® United Kingdom Index

The index includes both local and non-local companies:

- Local companies are incorporated in the United Kingdom of Great Britain and Northern Ireland.
- Non-local companies are companies incorporated outside of the United Kingdom whose revenues/related assets in the United Kingdom are at least 50% (25% for current components).

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 70% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 75% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 75th and 85th percentiles also qualify for the index.
4. If the coverage is still below 80% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 80% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS United Kingdom Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA3L98	BZ049J8	SLA3L9	MVGBR	.MVGBR
Total Return Net Index	DE000SLA3MB0	BZ049K9	SLA3MB	MVGBRTR	.MVGBRTR

Both indices were launched on 1 June 2017 with a base index value of 1000.00 as of 29 December 2006.

4 INDICES

#### 4.48 MVIS® United Kingdom Equal Weight Index

The index includes both local and non-local companies:

- Local companies are incorporated in the United Kingdom of Great Britain and Northern Ireland.
- Non-local companies are companies incorporated outside of the United Kingdom whose revenues/related assets in the United Kingdom are at least 50% (25% for current components).

The MVIS United Kingdom Equal Weight Index has the same index constituents as the MVIS United Kingdom Index (MVGBR). The only difference is the weighting scheme of both indices. Index components are equally weighted as described in section 3.2.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 80% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 75% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 75th and 85th percentiles also qualify for the index.
4. If the coverage is still below 80% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 80% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS United Kingdom Equal Weight Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA3MC8	BZ049N2	SLA3MC	MVGBEQ	.MVGBEQ
Total Return Net Index	DE000SLA3MD6	BZ04B58	SLA3MD	MVGBEQTR	.MVGBEQTR

Both indices were launched on 1 June 2017 with a base index value of 1000.00 as of 29 December 2006.

4 INDICES

#### 4.49 MVIS® US Business Development Companies Index

The index includes companies which are treated as Business Development Companies (BDC) and are listed and incorporated in the United States. To qualify as a BDC, a company must be organized under the laws of, and have its principal place of business in the U.S., be registered with the Securities Exchange Commission and have elected to be regulated as a BDC under the Investment Company Act of 1940. The 4.5%/20%/50% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS US Business Development Companies Index is calculated as a price index, a total return net index and a total return gross index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA0BP9	B4PXXJ1	SLA0BP	MVBIZD	.MVBIZD
Total Return Net Index	DE000SLA0DC3	B3WXP9	SLA0DC	MVBIZDTR	.MVBIZDTR
Total Return Gross Index	DE000SLA2BG4	B9GVVW8	SLA2BG	MVBIZDTG	.MVBIZDTG

Price and total return net versions were launched on 4 August 2011 with a base index value of 1000.00 as of 29 June 2007, the total return gross was launched on 7 February 2013 with a base value of 1000.00 as of 29 June 2007.

4 INDICES

4.50 MVIS® US Listed Biotech 25 Index

The index includes US exchange-listed companies that derive at least 50% (25% for current components) of their revenues from bio-technology. This includes companies engaged primarily in research (including research contractors) and development as well as production, marketing and sales of drugs based on genetic analysis and diagnostic equipment. Pharmacies are excluded.

The 4.5%/20%/50% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a semi-annually basis in March and September. Target coverage: 25 companies.

Review procedure:

1. The largest 50 stocks (by full market capitalisation) from the investable universe qualify.
2. The 50 stocks are ranked in two different ways - by free-float market capitalisation in descending order (the largest companies receives rank "1") and then by three-month average-daily-trading volume in descending order (the most liquid companies receives rank "1"). These two ranks are added up.
3. The 50 stocks are ranked now by their sum of the two ranks in step 2 in ascending order. If two companies have the same sum of ranks, then the larger company is placed on top.
  - (a) Initially, the highest ranked 25 companies made up the index.
  - (b) On-going, a 10-40 buffer is applied: The highest ranked 10 companies qualify. The remaining 15 companies are selected from the highest ranked remaining current index components ranked between 11 and 40. If the number of selected companies is still below 25, then the highest ranked remaining stocks are selected until 25 companies were selected.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its free-float market capitalisation, weighted with the capping factor of the uncapped components in the small-weight group of the weighting scheme. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when the US equity market is open for trading. The index is disseminated in USD.

The MVIS US Listed Biotech 25 Index is calculated as a price index, a total return net index and a total return gross index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA0LB8	B68L4M6	SLA0LB	MVBBH	.MVBBH
Total Return Net Index	DE000SLA0LM5	B4QZQM0	SLA0LM	MVBBHTR	.MVBBHTR
Total Return Gross Index	DE000SLA1CF6	B8J7XY2	SLA1CF	MVBBHTRG	.MVBBHTRG

Price and total return net versions were launched on 12 August 2011 with a base index value of 1000.00 as of 29 September 2000, the total return gross was launched on 13 February 2013 with a base value of 1000.00 as of 11 August 2011.

4 INDICES

4.51 MVIS® US Listed Oil Services 25 Index

The index includes US exchange-listed companies that derive at least 50% (25% for current components) of their revenues from oil services to the upstream oil sector. This includes companies engaged primarily in oil equipment, oil services or oil drilling.

The 4.5%/20%/50% capping scheme as described in section 3.2 is applied to ensure diversification. The components of this index are reviewed on a semi-annually basis in March and September. Target coverage: 25 companies.

Review procedure:

1. The largest 50 stocks (by full market capitalisation) from the investable universe qualify.
2. The 50 stocks are ranked in two different ways - by free-float market capitalisation in descending order (the largest companies receives rank "1") and then by three-month average-daily-trading volume in descending order (the most liquid companies receives rank "1"). These two ranks are added up.
3. The 50 stocks are ranked now by their sum of the two ranks in step 2 in ascending order. If two companies have the same sum of ranks, then the larger company is placed on top.
  - (a) Initially, the highest ranked 25 companies made up the index.
  - (b) On-going, a 10-40 buffer is applied: The highest ranked 10 companies qualify. The remaining 15 companies are selected from the highest ranked remaining current index components ranked between 11 and 40. If the number of selected companies is still below 25, then the highest ranked remaining stocks are selected until 25 companies were selected.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its free-float market capitalisation, weighted with the capping factor of the uncapped components in the small-weight group of the weighting scheme. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when the US equity market is open for trading. The index is disseminated in USD.

The MVIS US Listed Oil Services 25 Index is calculated as a price index, a total return net index and a total return gross index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA0LQ6	B3XM0Z8	SLA0LQ	MVOIH	.MVOIH
Total Return Net Index	DE000SLA0LR4	B4QBTG3	SLA0LR	MVOIHTR	.MVOIHTR
Total Return Gross Index	DE000SLA1CG4	B8S88Q3	SLA1CG	MVOIHTRG	.MVOIHTRG

Price and total return net versions were launched on 12 August 2011 with a base index value of 1000.00 as of 29 September 2000, the total return gross was launched on 13 February 2013 with a base value of 1000.00 as of 11 August 2011.

4 INDICES

### 4.52 MVIS® US Listed Pharmaceutical 25 Index

The index includes US exchange-listed companies that derive at least 50% (25% for current components) of their revenues from pharmaceuticals. This includes companies engaged primarily in research (including research contractors) and development as well as production, marketing and sales of pharmaceuticals. Pharmacies are excluded.

The 4.5%/20%/50% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a semi-annually basis in March and September. Target coverage: 25 companies.

Review procedure:

1. The largest 50 stocks (by full market capitalisation) from the investable universe qualify.
2. The 50 stocks are ranked in two different ways - by free-float market capitalisation in descending order (the largest companies receives rank "1") and then by three-month average-daily-trading volume in descending order (the most liquid companies receives rank "1"). These two ranks are added up.
3. The 50 stocks are ranked now by their sum of the two ranks in step 2 in ascending order. If two companies have the same sum of ranks, then the larger company is placed on top.
  - (a) Initially, the highest ranked 25 companies made up the index.
  - (b) On-going, a 10-40 buffer is applied: The highest ranked 10 companies qualify. The remaining 15 companies are selected from the highest ranked remaining current index components ranked between 11 and 40. If the number of selected companies is still below 25, then the highest ranked remaining stocks are selected until 25 companies were selected.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its free-float market capitalisation, weighted with the capping factor of the uncapped components in the small-weight group of the weighting scheme. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when the US equity market is open for trading. The index is disseminated in USD.

The MVIS US Listed Pharmaceutical 25 Index is calculated as a price index, a total return net index and a total return gross index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA0LS2	B4RGLR2	SLA0LS	MVPPH	.MVPPH
Total Return Net Index	DE000SLA0LT0	B4LWXJ2	SLA0LT	MVPPHTR	.MVPPHTR
Total Return Gross Index	DE000SLA1CM2	B88HTJ0	SLA1CM	MVPPHTRG	.MVPPHTRG

Price and total return net versions were launched on 12 August 2011 with a base index value of 1000.00 as of 29 September 2000, the total return gross was launched on 13 February 2013 with a base value of 1000.00 as of 11 August 2011.

4 INDICES

4.53 MVIS® US Listed Retail 25 Index

The index includes US exchange-listed companies that derive at least 50% (25% for current components) of their revenues from retail. This includes companies engaged primarily in retail distribution; wholesalers; online, direct mail retailers; multi-line retailers; specialty retailers, such as, apparel, automotive, computer and electronics, drug, home improvement, home furnishing retailers; and food and other staples retailers. The 4.5%/20%/50% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a semi-annually basis in March and September. Target coverage: 25 companies.

Review procedure:

1. The largest 50 stocks (by full market capitalisation) from the investable universe qualify.
2. The 50 stocks are ranked in two different ways - by free-float market capitalisation in descending order (the largest companies receives rank "1") and then by three-month average-daily-trading volume in descending order (the most liquid companies receives rank "1"). These two ranks are added up.
3. The 50 stocks are ranked now by their sum of the two ranks in step 2 in ascending order. If two companies have the same sum of ranks, then the larger company is placed on top.
  - (a) Initially, the highest ranked 25 companies made up the index.
  - (b) On-going, a 10-40 buffer is applied: The highest ranked 10 companies qualify. The remaining 15 companies are selected from the highest ranked remaining current index components ranked between 11 and 40. If the number of selected companies is still below 25, then the highest ranked remaining stocks are selected until 25 companies were selected.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its free-float market capitalisation, weighted with the capping factor of the uncapped components in the small-weight group of the weighting scheme. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when the US equity market is open for trading. The index is disseminated in USD.

The MVIS US Listed Retail 25 Index is calculated as a price index, a total return net index and a total return gross index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA0LU8	B3ZB7L8	SLA0LU	MVRTH	.MVRTH
Total Return Net Index	DE000SLA0LV6	B402887	SLA0LV	MVRTHTR	.MVRTHTR
Total Return Gross Index	DE000SLA1CH2	B8BHHS2	SLA1CH	MVRTHTRG	.MVRTHTRG

Price and total return net versions were launched on 12 August 2011 with a base index value of 1000.00 as of 29 September 2000, the total return gross was launched on 13 February 2013 with a base value of 1000.00 as of 11 August 2011.

4 INDICES

4.54 MVIS® US Listed Semiconductor 25 Index

The index includes US exchange-listed companies that derive at least 50% (25% for current components) of their revenues from semiconductors. This includes companies engaged primarily in the production of semiconductors and semiconductor equipment.

The 4.5%/20%/50% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a semi-annually basis in March and September. Target coverage: 25 companies.

Review procedure:

1. The largest 50 stocks (by full market capitalisation) from the investable universe qualify.
2. The 50 stocks are ranked in two different ways - by free-float market capitalisation in descending order (the largest companies receives rank "1") and then by three-month average-daily-trading volume in descending order (the most liquid companies receives rank "1"). These two ranks are added up.
3. The 50 stocks are ranked now by their sum of the two ranks in step 2 in ascending order. If two companies have the same sum of ranks, then the larger company is placed on top.
  - (a) Initially, the highest ranked 25 companies made up the index.
  - (b) On-going, a 10-40 buffer is applied: The highest ranked 10 companies qualify. The remaining 15 companies are selected from the highest ranked remaining current index components ranked between 11 and 40. If the number of selected companies is still below 25, then the highest ranked remaining stocks are selected until 25 companies were selected.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its free-float market capitalisation, weighted with the capping factor of the uncapped components in the small-weight group of the weighting scheme. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when the US equity market is open for trading. The index is disseminated in USD.

The MVIS US Listed Semiconductor 25 Index is calculated as a price index, a total return net index and a total return gross index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA0LW4	B6RXJ95	SLA0LW	MVSMH	.MVSMH
Total Return Net Index	DE000SLA1LB6	B6S1JW1	SLA1LB	MVSMHTR	.MVSMHTR
Total Return Gross Index	DE000SLA1CK6	B990N82	SLA1CK	MVSMHTRG	.MVSMHTRG

Price and total return net versions were launched on 12 August 2011 with a base index value of 1000.00 as of 29 September 2000, the total return gross was launched on 13 February 2013 with a base value of 1000.00 as of 11 August 2011.



4 INDICES

### 4.55 MVIS® US Mortgage REITs Index

The index includes REITs with at least 50% (25% for current components) of their revenues from/related assets in mortgages, which are listed and incorporated in the United States. This includes REITs which are primarily engaged in the purchase or service of commercial or residential mortgage loans or mortgage related securities.

The 4.5%/20%/50% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when the US equity market is open for trading. The index is disseminated in USD.

The MVIS US Mortgage REITs Index is calculated as a price index, a total return net index and a total return gross index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000SLA0MP6	B52Q0B1	SLA0MP	MVMORT	.MVMORT
Total Return Net Index	DE000SLA0MR2	B4SH9D6	SLA0MR	MVMORTTR	.MVMORTTR
Total Return Gross Index	DE000SLA2MG1	B98F946	SLA2MG	MVMORTTG	.MVMORTTG

Price and total return net versions were launched on 4 August 2011 with a base index value of 1000.00 as of 30 December 2004, the total return gross was launched on 07 February 2013 with a base value of 1000.00 as of 2 August 2011.

4 INDICES

4.56 MVIS® Vietnam Index

The index includes both local and non-local companies:

- Local companies are incorporated in Vietnam.
- Non-local companies are companies incorporated outside of Vietnam whose revenues/related assets in Vietnam are at least 50% (25% for current components).

The 8% capping scheme as described in section 3.2 is applied to ensure diversification.

The components of this index are reviewed on a quarterly basis. Target coverage: At least 90% of the free-float market capitalisation of the investable universe with at least 25 companies.

Review procedure:

1. All stocks in the investable universe are sorted in terms of free-float market capitalisation in descending order.
2. Stocks covering the top 85% of the free-float market capitalisation of the investable universe qualify for selection.
3. Existing components between the 85th and 98th percentiles also qualify for the index.
4. If the coverage is still below 90% or the number of components in the index is still below 25, the largest remaining stocks will be selected until coverage of at least 90% is reached and the number of stocks equals 25.
5. In case the number of eligible companies is below 25, additional companies are added by the Index Owner's decision until the number of stocks equals 25.

For all corporate events that result in a stock deletion from the index, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the index would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drops below its minimum due to a merger of two or more index components, the replacement stock will be added with its uncapped free-float market capitalisation weight. In all other cases, i.e. there is no replacement, the additional weight resulting from the deletion will be redistributed proportionally across all other index constituents.

The index is calculated weekdays between 01:00 and 22:40 (CET) and the index values are disseminated to data vendors every 15 seconds on days when either the US equity market is open for trading or at least one of the index components is available for trading.

The index is disseminated in USD.

The MVIS Vietnam Index is calculated as a price index and a total return net index and has the following identifiers:

Index Type	ISIN	SEDOL	WKN	Bloomberg	Reuters
Price Index	DE000A1CQ4S6	B4TMBN4	A1CQ4S	MVVNM	.MVVNM
Total Return Net Index	DE000A1CQ4T4	B4TXQ54	A1CQ4T	MVVNMTR	.MVVNMTR

Both indices were launched on 24 November 2008 with a base index value of 1000.00 as of 15 December 2006.

## 5 ONGOING MAINTENANCE

### 5 Ongoing Maintenance

#### 5.1 Changes to Free-Float Factors and Number of Shares

Changes to the number of shares or the free-float factors due to corporate actions like stock dividends, splits, rights issues, spin-offs etc. are implemented immediately and will be effective the next trading day (i.e. the ex-date).

Simple share/float changes are implemented after a 3-day notice period.

#### 5.2 Initial Public Offerings (IPOs) and Spin-Offs

An IPO stock is eligible for fast-track addition to the investable index universe once; either at the next quarterly/semi-annual review if it has been trading since at least the last trading day of the month prior to the review snapshot dates (i.e., the last trading day in February, May, August or November) or else at the then following quarterly/semi-annual review. In order to be added to the index the IPO stock has to meet the size and liquidity requirements:

- the IPO must have a full market capitalisation exceeding 150.0m USD, and
- the IPO must have a free-float factor of at least 10%, and
- the IPO must have an average-daily-trading volume of at least 1.0m USD, and
- the IPO must have traded at least 250,000 shares per month (or per 22 days).

This rule is applicable for newly spun-off companies as well.

#### 5.3 Changes due to Mergers & Takeovers

A merger or takeover is deemed successful if it has been declared wholly unconditional and has received approval of all regulatory agencies with jurisdiction over the transaction. The result of a merger or takeover is typically one surviving stock and one or more non-surviving stocks that may not necessarily be de-listed from the respective trading system(s).

- If an index component merges with or takes over another index component:  
The surviving stock remains in the index and the other stock is deleted immediately from the index. Its shares and float are adjusted according to the terms of the merger/takeover. The index market capitalisation of the merged company corresponds to the market capitalisation of the two separate companies.
- If an index component merges with or takes over a non-index component:
  - If the surviving stock meets the index requirements (for country/sector, market capitalisation and free-float), it will remain in the index and its shares (if the share change is greater than 10%) and float will be adjusted according to the terms of the merger/takeover.
  - If the surviving stock does not meet the index requirements (for country/sector, market capitalisation and free-float), it will be deleted immediately from the index.
- If a non-index component merges with or takes over an index component:

## 5 ONGOING MAINTENANCE

- If the surviving stock meets the index requirements (for country/sector, market capitalisation and free-float), it will be added to the index (shares (if the share change is greater than 10%) and float adjusted according to the terms of the merger/takeover) and will replace the current index component.
- If the surviving stock does not meet the index requirements (for country/sector, market capitalisation and free-float), it will not be added to the index and the current index component will be deleted immediately from the index.

### 5.4 Changes due to Spin-Offs

Each spin-off stock is immediately added to the Index for at least two trading days, if traded on its ex-date. If a spin-off company does not qualify for the Index, it will be deleted based on its respective closing price. Shares and floats of the surviving companies are adjusted according to the terms of the spin-off.

### 5.5 Additions due to Replacements

In case the number of index components drops below the minimum component number and no non-component stock is eligible as a replacement, the determination of the addition is subject to the Index Owner's decision.

### 5.6 Changes to the Index Guide

Any changes to the Index Guide will be reviewed and approved by the Legal and Compliance Department. Legal and Compliance may also request a conclusive description and further information on any change and may consult the operations department on such changes. The key elements to be analysed in this phase of the change process are robustness, transparency, reliability and integrity. The result of the review will be communicated to the operations department. The email will be archived by the operations department.

In case of changes that might immediately change the composition of an index or must be considered material for any other reason also need to be approved by the Independent Oversight Function ("IOF") prior to their publication and implementation.

In case of material changes an advance notice will be published and provided to users. MVIS will generally disseminate a notification related to an Index Guide change 60 days prior to the change. A shorter period of time may be applied at MVIS's discretion if the relevant index has not been licensed for a financial product to a third party. The notice will describe a clear time frame that gives the opportunity to analyse and comment upon the impact of such proposed material change. Any material comments received in relation to the Index Guide change and MVIS's response to those comments will be made publicly accessible after any consultation, except where confidentiality has been requested by the originator of the comments.

### 5.7 Discretion regarding the Use of Input Data

Pursuant to Art. 12 No.1. (b), MVIS has established the following rules identifying how and when discretion may be exercised in the administration of an index.

In case input data are or appear to be qualitatively inferior or different sources provide different data, or a situation is not covered by the index rules, MVIS may use or change the data at its own discretion according to the following discretion policy after a plausibility check. This may include

## 5 ONGOING MAINTENANCE

- Liquidity and size data,
- Ownership structures,
- Revenue and asset breakdowns,
- Corporate action information,
- Dividends, volatility and other secondary data.

Any changes to input data that MVIS intends to apply because of missing data, different data from different sources or other information concluding the inappropriateness or incorrectness of data must be subject to reasonable discretion. The decision on any change must be required, appropriate, commensurable and in line with the respective index scope and objective and must reasonably consider in a balance weight the interest of Users, investors in related products and the integrity of the market.

Index operations ensure consistency in the use of discretion in its judgement and decision. Employees involved in the operations team must have shown the respective experience and skills. Significant decisions are subject to sign-off by a supervisor. In case of material changes to data the relevant situation will be analysed in detail, described and presented to the IOF and discussed and reviewed with the IOF.

The broad range of possible data quality problems does not allow to define specific steps for each possible instance. MVIS will always weight the different interest of the index users, the integrity of the market and other involved parties and determine the least disadvantageous measure that equally considers the relevant interests best.

In order to avoid individual decisions on the use of data in similar cases for the future an update of the index rules can be taken into consideration if applicable. Other possible mitigation measures are the change of input data sources or providers and/or own data research where possible and reasonable.

Records are kept about material judgement or discretion by MVIS and will include the reasoning for said judgement or discretion.

### 5.8 Input Data and Contributor Selection

According to the input data requirements under Art. 11 of the Benchmark Regulation, the following shall apply with regard to the input data used for the management and provision of an index and the relevant input data providers ("Contributors"):

- the input data shall be sufficient to represent accurately and reliably the market or economic reality that the benchmark is intended to measure;
- the input data shall be transaction data, if available and appropriate. If transaction data is not sufficient or is not appropriate to represent accurately and reliably the market or economic reality that the index is intended to measure, input data which is not transaction data may be used, including estimated prices, quotes and committed quotes, or other values;
- the input data shall be verifiable;
- clear guidelines regarding the types of input data, the priority of use of the different types of input data and the exercise of expert judgement, to ensure compliance with the Index Guide and index methodology and the aforementioned requirements are defined in the Code of Conduct for Contributors; and

## 5 ONGOING MAINTENANCE

- where an index is based on input data from Contributors, MVIS will obtain, where appropriate, the input data from a reliable and representative panel or sample of Contributors so as to ensure that the resulting index is reliable and representative of the market or economic reality that the index is intended to measure.

In order to control the quality of contributors, MVIS will conduct the following controls:

- Evaluate market share, reputation, quality and cost of possible input data sources and providers before selecting them on the basis of the gathered information and data;
- Compare the input data of one Contributor with the input data from one or more other Contributors in order to ensure the integrity and accuracy of the input data and in case of bad quality replace a Contributor with another Contributor.

MVIS will not use input data from a contributor if it has any indication that the Contributor does not adhere to its Code of Conduct for Contributors and in such a case shall obtain representative publicly available data.

## 6 CALCULATION

### 6 Calculation

#### 6.1 Index Formula

The Indices are calculated using the Laspeyres' formula:

$$Index\ Value = \frac{\sum_{i=1}^n p_i * q_i * ff_i * cf_i * fx_i}{D} = \frac{M}{D}$$

Where (for all stocks (i) in the Index):

- $p_i$  = stock price,
- $q_i$  = number of shares,
- $ff_i$  = free float factor,
- $fx_i$  = exchange rate (local currency to USD or AUD),
- $cf_i$  = (country- or sector-) weighting cap factor (if applicable, otherwise set to 1),
- $M$  = free-float market capitalisation of the index,
- $D$  = divisor.

#### 6.2 Input Data

The following rounding procedures are used for the index calculation:

- Rounding to 2 decimal places:
  - index values,
  - free-float factors ( $ff_i$ ),
- Rounding to 4 decimal places:
  - stock prices ( $p_i$ ),
- Rounding to 6 decimal places:
  - divisors ( $D$ ),
- Rounding to 12 decimal places:
  - exchange rates ( $fx_i$ ),
- Rounding to 16 decimal places:
  - company-weighting cap factors ( $cf_i$ ).

#### 6.3 Divisor Adjustments

Index maintenance - reflecting changes in shares outstanding, capital actions, addition or deletion of stocks to the Index - should not change the level of the index. This is accomplished with an adjustment to the divisor. Any change to the stocks in the index that alters the total market value of the index while holding stock prices constant will require a divisor adjustment.

$$Divisor_{new} = Divisor_{old} * \frac{\sum_{i=1}^n p_i * q_i * ff_i * cf_i * fx_i \pm \Delta MC}{\sum_{i=1}^n p_i * q_i * ff_i * cf_i * fx_i}$$

$\Delta MC$  = Difference between closing and adjusted closing market capitalisation of the index.

## 6 CALCULATION

### 6.4 Corporate Action Related Adjustments

Corporate actions range widely from routine share issuances or buy backs to unusual events like spin-offs or mergers. These are listed on the table below with notes about the necessary changes and whether the divisor will be adjusted.

$p_i$  = stock price,

$q_i$  = number of shares.

- *Cash dividend (for total return indices only)* Divisor change: Yes  

$$p_{(i,adjusted)} = p_i - (Dividend * (1 - Withholding Tax))$$
(In total return gross indices the withholding tax is 0.)
- *Special cash dividend (for price and total return indices)* Divisor change: Yes  

$$p_{(i,adjusted)} = p_i - (Dividend * (1 - Withholding Tax))$$
(In total return gross indices the withholding tax is 0.)
- *Split* Divisor change: No  
Shareholders receive 'B' new shares for every 'A' share held.  

$$p_{(i,adjusted)} = p_i * A/B$$

$$q_{(i,adjusted)} = q_i * B/A$$
- *Rights Offering* Divisor change: Yes  
Shareholders receive 'B' new shares for every 'A' share held. If the subscription-price is either not available or not smaller than the closing price, no adjustment will be made.  

$$p_{(i,adjusted)} = ((p_i * A) + (Subscription Price * B))/(A + B)$$

$$q_{(i,adjusted)} = q_i * (A + B)/A$$
- *Stock dividend (withholding taxes are applied, if applicable)* Divisor change: No  
Shareholders receive 'B' new shares for every 'A' share held.  

$$p_{(i,adjusted)} = p_i * A/(A + B)$$

$$q_{(i,adjusted)} = q_i * (A + B)/A$$
- *Stock dividend from treasury (withholding taxes are applied, if applicable)* Divisor change: Yes  
Stock dividends from treasury are adjusted as ordinary (adjustments for price and total return indices) or special (adjustments for total return indices only) cash dividends. Shareholders receive 'B' new shares for every 'A' share held.  

$$p_{(i,adjusted)} = p_i - (p_i * B)/(A + B)$$
- *Stock dividend of a different company security (withholding taxes are applied, if applicable)* Divisor change: Yes  
Shareholders receive 'B' shares of a different company for every 'A' share held.  

$$p_{(i,adjusted)} = (p_i * A - price\ of\ different\ security * B)/A$$
- *Spin-offs* Divisor change: Yes  
Shareholders receive 'B' new shares for every 'A' share held.  

$$p_{(i,adjusted)} = ((p_i * A) - (price\ of\ Spun\ -\ of\ f\ Company * B))/A$$



## 6 CALCULATION

- *Addition/Deletion of a company* Divisor change: Yes  
Net change in market value determines the divisor adjustment.
- *Changes in shares outstanding* Divisor change: Yes  
Any secondary issuance, share repurchase, buy back, tender offer, Dutch auction, exchange offer, bought deal equity offering or prospectus offering will be updated at the quarterly review if the change is smaller than 10%. Changes larger than 10% will be pre-announced (3 trading days notice) and implemented on a best efforts basis. If necessary and information is available, resulting float changes will be taken into consideration. Share changes will not be implemented in the week between review announcement and implementation.
- *Changes due to a merger/takeover/spin-off* Divisor change: Yes  
Net change in free-float market value determines the divisor adjustment. In case of no change, the divisor change is 0.

With corporate actions where cash dividends or other corporate assets are distributed to shareholders, the price of the stock will drop on the ex-dividend day (the first day when a new shareholder is eligible to receive the distribution.) The effect of the divisor adjustment is to prevent this price drop from causing a corresponding drop in the Index.

Corporate actions are announced at least four days prior to implementation.

### 6.5 Data Correction and Disruptions

MVIS will usually receive information about errors or disruption from calculation agent, client, internal systems (IT) or by monitoring the respective output.

Incorrect or missing input data will be corrected immediately:

- The error is immediately communicated to the calculation agent, if applicable.
- Calculation agent will be asked to investigate the reason for the error.
- An email will be sent to all affected clients to inform them about the error; this includes the reason for the issue and an estimate on when the issue will be solved.
- MVIS recalculates missing EOD data points and disseminates to vendors and clients.

In case of a material error,

- Legal and Compliance to check the relevant agreements for liability of the calculation agent.
- If MVIS identifies any conduct that may involve manipulation or attempted manipulation of an index by calculation agent it will report this to the regulator.
- Where possible and economically reasonable MVIS will try use another calculation agent.

Investigations and communication regarding disruptions with calculation agents will be handled by Compliance and Senior Management. They are either caused by disruptions in calculation or dissemination, which might affect different servicers.

- The disruption is immediately communicated to the calculation/dissemination agent, if applicable.
- Calculation/dissemination agent will be asked to investigate the reason for the disruption.

## 6 CALCULATION

- An email will be sent to all affected clients to inform them about the disruption; this includes the reason for the issue and an estimate on when the issue will be solved.
- MVIS prompts calculation agent to make all efforts to restart index calculation.
- MVIS prompts Dissemination agent to make all efforts to restart index dissemination.
- MVIS recalculates missing EOD data points and disseminates to vendors and clients.
- Legal and Compliance to check the relevant agreements for liability of the calculation/dissemination agent.
- If MVIS identifies any conduct that may involve manipulation or attempted manipulation of an index by calculation/dissemination agent it will report this to BaFin.
- Where possible and economically reasonable MVIS will try use another calculation and/or dissemination agent.

**7 APPENDIX**

## 7 Appendix

### 7.1 MVIS Country and Regional Indices

MVIS <sup>®</sup> Australia Index (AUD)	MVIS <sup>®</sup> Malaysia Index
MVIS <sup>®</sup> Australia Equal Weight Index (AUD)	MVIS <sup>®</sup> Mexico Index
MVIS <sup>®</sup> Australia Uncapped Index (AUD)	MVIS <sup>®</sup> Mexico Equal Weight Index
MVIS <sup>®</sup> Australia Small-Cap Index (AUD)	MVIS <sup>®</sup> Pakistan Index
MVIS <sup>®</sup> Australia Small-Cap Dividend Payers Index (AUD)	MVIS <sup>®</sup> Philippines Index
MVIS <sup>®</sup> Brazil Index	MVIS <sup>®</sup> Poland Index
MVIS <sup>®</sup> Brazil Small-Cap Index	MVIS <sup>®</sup> Qatar Index
MVIS <sup>®</sup> Chile Index	MVIS <sup>®</sup> Russia Index
MVIS <sup>®</sup> Colombia Index	MVIS <sup>®</sup> Russia Small-Cap Index
MVIS <sup>®</sup> Egypt Index	MVIS <sup>®</sup> South Africa Index
MVIS <sup>®</sup> GDP Africa Index	MVIS <sup>®</sup> South Korea Index
MVIS <sup>®</sup> Germany Index	MVIS <sup>®</sup> South Korea Equal Weight Index
MVIS <sup>®</sup> Germany Equal Weight Index	MVIS <sup>®</sup> Thailand Index
MVIS <sup>®</sup> India Index	MVIS <sup>®</sup> Turkey Index
MVIS <sup>®</sup> India Small-Cap Index	MVIS <sup>®</sup> United Arab Emirates Index
MVIS <sup>®</sup> Indonesia Index	MVIS <sup>®</sup> United Kingdom Index
MVIS <sup>®</sup> Japan Index	MVIS <sup>®</sup> United Kingdom Equal Weight Index
MVIS <sup>®</sup> Japan Equal Weight Index	MVIS <sup>®</sup> Vietnam Index
MVIS <sup>®</sup> Kuwait Index	

### 7.2 MVIS Sector Indices

MVIS <sup>®</sup> Australia A-REITs Index (AUD)	MVIS <sup>®</sup> US Listed Pharmaceutical 25 Index
MVIS <sup>®</sup> Australia Banks Index (AUD)	MVIS <sup>®</sup> US Listed Retail 25 Index
MVIS <sup>®</sup> Global Gaming Index	MVIS <sup>®</sup> Global Video Gaming & eSports Index
MVIS <sup>®</sup> US Listed Semiconductor 25 Index	MVIS <sup>®</sup> US Business Development Companies Index
MVIS <sup>®</sup> US Mortgage REITs Index	US Listed Biotech 25 Index

### 7.3 MVIS Hard Assets Indices

MVIS <sup>®</sup> Global Agribusiness Index	MVIS <sup>®</sup> Global Rare Earth/Strategic Metals Index
MVIS <sup>®</sup> Global Coal Index	MVIS <sup>®</sup> Global Unconventional Oil & Gas Index
MVIS <sup>®</sup> Global Junior Gold Miners Index	MVIS <sup>®</sup> Global Uranium & Nuclear Energy Index
MVIS <sup>®</sup> Global Oil Refiners Index	MVIS <sup>®</sup> US Listed Oil Services 25 Index

7 APPENDIX

7.4 Names and Tickers - Country and Regional Indices

Long Name	Short Name	Symbol
MVIS® Australia Index (Price) (AUD)	MV Australia Idx (Pr) (AUD)	MVAUS
MVIS® Australia Index (TRN) (AUD)	MV Australia Idx (TRN) (AUD)	MVAUSTR
MVIS® Australia Index (TRG) (AUD)	MV Australia Idx (TRG) (AUD)	MVAUSTRG
MVIS® Australia Equal Weight Index (Price) (AUD)	MV Australia Equal Weight Idx (Pr) (AUD)	MVMVW
MVIS® Australia Equal Weight Index (TRN) (AUD)	MV Australia Equal Weight Idx (TRN) (AUD)	MVMVWTR
MVIS® Australia Equal Weight Index (TRG) (AUD)	MV Australia Equal Weight Idx (TRG) (AUD)	MVMVWTRG
MVIS® Australia Uncapped Index (Price) (AUD)	MV Australia Uncapped Idx (Pr) (AUD)	MVAUSU
MVIS® Australia Uncapped Index (TRN) (AUD)	MV Australia Uncapped Idx (TRN) (AUD)	MVAUSUTR
MVIS® Australia Uncapped Index (TRG) (AUD)	MV Australia Uncapped Idx (TRG) (AUD)	MVAUSUTG
MVIS® Australia Small-Cap Index (Price) (AUD)	MV Australia SC Idx (Pr) (AUD)	MVIDD
MVIS® Australia Small-Cap Index (TRN) (AUD)	MV Australia SC Idx (TRN) (AUD)	MVIDDTR
MVIS® Australia Small-Cap Index (TRG) (AUD)	MV Australia SC Idx (TRG) (AUD)	MVIDDTRG
MVIS® Australia Small-Cap Dividend Payers Index (Price) (AUD)	MV Australia SC Dividend Payers Idx (Pr) (AUD)	MVMVS
MVIS® Australia Small-Cap Dividend Payers Index (TRN) (AUD)	MV Australia SC Dividend Payers Idx (TRN) (AUD)	MVMVSTR
MVIS® Australia Small-Cap Dividend Payers Index (TRG) (AUD)	MV Australia SC Dividend Payers Idx (TRG) (AUD)	MVMVSTRG
MVIS® Brazil Index (Price)	MV Brazil Idx (Pr)	MVBRA
MVIS® Brazil Index (TRN)	MV Brazil Idx (TRN)	MVBRATR
MVIS® Brazil Small-Cap Index (Price)	MV Brazil SC Idx(Pr)	MVBRF
MVIS® Brazil Small-Cap Index (TRN)	MV Brazil SC Idx (TRN)	MVBRFTR
MVIS® Chile Index (Price)	MV Chile Idx (Pr)	MVCHL
MVIS® Chile Index (TRN)	MV Chile Idx (TRN)	MVCHLTR
MVIS® Colombia Index (Price)	MV Colombia Idx (Pr)	MVCOLX
MVIS® Colombia Index (TRN)	MV Colombia Idx (TRN)	MVCOLXTR
MVIS® Egypt Index (Price)	MV Egypt Idx (Pr)	MVEGPT
MVIS® Egypt Index (TRN)	MV Egypt Idx (TRN)	MVEGPTTR
MVIS® GDP Africa Index (Price)	MV GDP Africa Idx (Pr)	MVAFK
MVIS® GDP Africa Index (TRN)	MV GDP Africa Idx (TRN)	MVAFKTR
MVIS® Germany Index (Price)	MV Germany Idx (Pr)	MVGER
MVIS® Germany Index (TRN)	MV Germany Idx (TRN)	MVGERTR
MVIS® Germany Equal Weight Index (Price)	MV Germany Equal Weight Idx (Pr)	MVDEEQ
MVIS® Germany Equal Weight Index (TRN)	MV Germany Equal Weight Idx (TRN)	MVDEEQTR
MVIS® India Index (Price)	MV India Idx (Pr)	MVIND
MVIS® India Index (TRN)	MV India Idx (TRN)	MVINDTR
MVIS® India Small-Cap Index (Price)	MV India SC Idx (Pr)	MVSCIF
MVIS® India Small-Cap Index (TRN)	MV India SC Idx (TRN)	MVSCIFTR
MVIS® Indonesia Index (Price)	MV Indonesia Idx (Pr)	MVIDX
MVIS® Indonesia Index (TRN)	MV Indonesia Idx (TRN)	MVIDXTR
MVIS® Japan Index (Price)	MV Japan Idx (Pr)	MVJAP
MVIS® Japan Index (TRN)	MV Japan Idx (TRN)	MVJAPTR
MVIS® Japan Equal Weight Index (Price)	MV Japan Equal Weight Idx (Pr)	MVJPEQ
MVIS® Japan Equal Weight Index (TRN)	MV Japan Equal Weight Idx (TRN)	MVJPEQTR
MVIS® Kuwait Index (Price)	MV Kuwait Idx (Pr)	MVKUWT
MVIS® Kuwait Index (TRN)	MV Kuwait Idx (TRN)	MVKUWTTR
MVIS® Malaysia Index (Price)	MV Malaysia Idx (Pr)	MVMYS
MVIS® Malaysia Index (TRN)	MV Malaysia Idx (TRN)	MVMYSTR
MVIS® Mexico Index (Price)	MV Mexico Idx (Pr)	MVMEX
MVIS® Mexico Index (TRN)	MV Mexico Idx (TRN)	MVMEXTR
MVIS® Mexico Equal Weight Index (Price)	MV Mexico Equal Weight Idx (Pr)	MVMXEQ
MVIS® Mexico Equal Weight Index (TRN)	MV Mexico Equal Weight Idx (TRN)	MVMXEQTR
MVIS® Pakistan Index (Price)	MV Pakistan Idx (Pr)	MVPAK
MVIS® Pakistan Index (TRN)	MV Pakistan Idx (TRN)	MVPAKTR
MVIS® Philippines Index (Price)	MV Philippines Idx (Pr)	MVPHL
MVIS® Philippines Index (TRN)	MV Philippines Idx (TRN)	MVPHLTR
MVIS® Poland Index (Price)	MV Poland Idx (Pr)	MVPLND
MVIS® Poland Index (TRN)	MV Poland Idx (TRN)	MVPLNDTR
MVIS® Qatar Index (Price)	MV Qatar Idx (Pr)	MVQAT
MVIS® Qatar Index (TRN)	MV Qatar Idx (TRN)	MVQATTR
MVIS® Russia Index (Price)	MV Russia Idx (Pr)	MVRSX

7 APPENDIX

MVIS® Russia Index (TRN)	MV Russia Idx (TRN)	MVRSXTR
MVIS® Russia Small-Cap Index (Price)	MV Russia SC Idx (Pr)	MVRSXJ
MVIS® Russia Small-Cap Index (TRN)	MV Russia SC Idx (TRN)	MVRSXJTR
MVIS® South Africa Index (Price)	MV South Africa Idx (Pr)	MVZAF
MVIS® South Africa Index (TRN)	MV South Africa Idx (TRN)	MVZAFTR
MVIS® South Korea Index (Price)	MV South Korea Idx (Pr)	MVKOR
MVIS® South Korea Index (TRN)	MV South Korea Idx (TRN)	MVKORTR
MVIS® South Korea Equal Weight Index (Price)	MV South Korea Equal Weight Idx (Pr)	MVKREQ
MVIS® South Korea Equal Weight Index (TRN)	MV South Korea Equal Weight Idx (TRN)	MVKREQTR
MVIS® Thailand Index (Price)	MV Thailand Idx (Pr)	MVTHA
MVIS® Thailand Index (TRN)	MV Thailand Idx (TRN)	MVTHATR
MVIS® Turkey Index (Price)	MV Turkey Idx (Pr)	MVTUR
MVIS® Turkey Index (TRN)	MV Turkey Idx (TRN)	MVTURTR
MVIS® United Arab Emirates Index (Price)	MV UAE Idx (Pr)	MVARE
MVIS® United Arab Emirates Index (TRN)	MV UAE Idx (TRN)	MVARETR
MVIS® United Kingdom Index (Price)	MV UK Idx (Pr)	MVGBR
MVIS® United Kingdom Index (TRN)	MV UK Idx (TRN)	MVGBRTR
MVIS® United Kingdom Equal Weight Index (Price)	MV UK Equal Weight Idx (Pr)	MVGBR
MVIS® United Kingdom Equal Weight Index (TRN)	MV UK Equal Weight Idx (TRN)	MVGBRTR
MVIS® Vietnam Index (Price)	MV Vietnam Idx (Pr)	MVVNM
MVIS® Vietnam Index (TRN)	MV Vietnam Idx (TRN)	MVVNMTR

7.5 Names and Tickers - Sector Indices

Long Name	Short Name	Symbol
MVIS® Australia A-REITs Index (Price) (AUD)	MV AU A-REITs Idx (Pr) (AUD)	MVMVA
MVIS® Australia A-REITs Index (TRN) (AUD)	MV AU A-REITs Idx (TRN) (AUD)	MVMVATR
MVIS® Australia A-REITs Index (TRG) (AUD)	MV AU A-REITs Idx (TRG) (AUD)	MVMVATR
MVIS® Australia Banks Index (Price) (AUD)	MV AU Banks Idx (Pr) (AUD)	MVMVB
MVIS® Australia Banks Index (TRN) (AUD)	MV AU Banks Idx (TRN) (AUD)	MVMVBTR
MVIS® Australia Banks Index (TRG) (AUD)	MV AU Banks Idx (TRG) (AUD)	MVMVBTRG
MVIS® Global Gaming Index (Price)	MV Glb. Gaming Idx (Pr)	MVBKJ
MVIS® Global Gaming Index (TRN)	MV Glb. Gaming Idx (TRN)	MVBKJTR
MVIS® Global Video Gaming & eSports Index (Price)	MV Glb. Vid Game & eSports Idx (Pr)	MVESPO
MVIS® Global Video Gaming & eSports Index (TRN)	MV Glb. Vid Game & eSports Idx (TRN)	MVESPOTR
MVIS® US Business Development Companies Index (Price)	MV US Biz Dev. Comp. Idx (Pr)	MVBZD
MVIS® US Business Development Companies Index (TRN)	MV US Biz Dev. Comp. Idx (TRN)	MVBZDTR
MVIS® US Business Development Companies Index (TRG)	MV US Biz Dev. Comp. Idx (TRG)	MVBZDTRG
MVIS® US Listed Biotech 25 Index (Price)	MV US List. Biotech 25 Idx (Pr)	MVBBH
MVIS® US Listed Biotech 25 Index (TRN)	MV US List. Biotech 25 Idx (TRN)	MVBBHTR
MVIS® US Listed Biotech 25 Index (TRG)	MV US List. Biotech 25 Idx (TRG)	MVBBHTRG
MVIS® US Listed Pharmaceutical 25 Index (Price)	MV US List. Pharma 25 Idx (Pr)	MVPPH
MVIS® US Listed Pharmaceutical 25 Index (TRN)	MV US List. Pharma 25 Idx (TRN)	MVPPHTR
MVIS® US Listed Pharmaceutical 25 Index (TRG)	MV US List. Pharma 25 Idx (TRG)	MVPPHTRG
MVIS® US Listed Retail 25 Index (Price)	MV US List. Retail 25 Idx (Pr)	MVRTH
MVIS® US Listed Retail 25 Index (TRN)	MV US List. Retail 25 Idx (TRN)	MVRTHTR
MVIS® US Listed Retail 25 Index (TRG)	MV US List. Retail 25 Idx (TRG)	MVRTHTRG
MVIS® US Listed Semiconductor 25 Index (Price)	MV US List. Semiconductor 25 Idx (Pr)	MVSMH
MVIS® US Listed Semiconductor 25 Index (TRN)	MV US List. Semiconductor 25 Idx (TRN)	MVSMHTR
MVIS® US Listed Semiconductor 25 Index (TRG)	MV US List. Semiconductor 25 Idx (TRG)	MVSMHTRG
MVIS® US Mortgage REITs Index (Price)	MV US Mortgage REITs Idx (Pr)	MVMORT
MVIS® US Mortgage REITs Index (TRN)	MV US Mortgage REITs Idx (TRN)	MVMORTTR
MVIS® US Mortgage REITs Index (TRG)	MV US Mortgage REITs Idx (TRG)	MVMORTTRG

**7 APPENDIX**
**7.6 Names and Tickers - Hard Assets Indices**

Long Name	Short Name	Symbol
MVIS <sup>®</sup> Australia Resources Index (Price) (AUD)	MV AU Resources Idx (Pr) (AUD)	MVMVR
MVIS <sup>®</sup> Australia Resources Index (TRN) (AUD)	MV AU Resources Idx (TRN) (AUD)	MVMVRTR
MVIS <sup>®</sup> Australia Resources Index (TRG) (AUD)	MV AU Resources Idx (TRG) (AUD)	MVMVRTRG
MVIS <sup>®</sup> Global Agribusiness Index (Price)	MV Glb. Agribusiness Idx (Pr)	MVMOO
MVIS <sup>®</sup> Global Agribusiness Index (TRN)	MV Glb. Agribusiness Idx (TRN)	MVMOOTR
MVIS <sup>®</sup> Global Coal Index (Price)	MV Glb. Coal Idx (Pr)	MVKOL
MVIS <sup>®</sup> Global Coal Index (TRN)	MV Glb. Coal Idx (TRN)	MVKOLTR
MVIS <sup>®</sup> Global Junior Gold Miners Index (Price)	MV Glb. Jr. Gold Miners Idx (Pr)	MVGDXI
MVIS <sup>®</sup> Global Junior Gold Miners Index (TRN)	MV Glb. Jr. Gold Miners Idx (TRN)	MVGDXJTR
MVIS <sup>®</sup> Global Oil Refiners Index (Price)	MV Glb. Oil Refiners Idx (Pr)	MVCRAK
MVIS <sup>®</sup> Global Oil Refiners Index (TRN)	MV Glb. Oil Refiners Idx (TRN)	MVCRAKTR
MVIS <sup>®</sup> Global Rare Earth/Strategic Metals Index (Price)	MV Glb. Rare Earth Idx (Pr)	MVREMX
MVIS <sup>®</sup> Global Rare Earth/Strategic Metals Index (TRN)	MV Glb. Rare Earth Idx (TRN)	MVREMXTR
MVIS <sup>®</sup> Global Unconventional Oil & Gas Index (Price)	MV Glb. Unc. Oil & Gas Idx (Pr)	MVFRAK
MVIS <sup>®</sup> Global Unconventional Oil & Gas Index (TRN)	MV Glb. Unc. Oil & Gas Idx (TRN)	MVFRAKTR
MVIS <sup>®</sup> Global Uranium & Nuclear Energy (Price)	MV Glb. Uranium & Nuclear Idx (Pr)	MVNLR
MVIS <sup>®</sup> Global Uranium & Nuclear Energy (TRN)	MV Glb. Uranium & Nuclear Idx (TRN)	MVNLRTR
MVIS <sup>®</sup> US Listed Oil Services 25 Index (Price)	MV US List. Oil Serv. 25 Idx (Pr)	MVOIH
MVIS <sup>®</sup> US Listed Oil Services 25 Index (TRN)	MV US List. Oil Serv. 25 Idx (TRN)	MVOIHTR
MVIS <sup>®</sup> US Listed Oil Services 25 Index (TRG)	MV US List. Oil Serv. 25 Idx (TRG)	MVOIHTRG

7 APPENDIX

7.7 Launch Dates and Base Values - Country and Regional Indices

Name	Launch Date	Base Value	Base Date
MVIS® Australia Index (Price) (AUD)	29 November 2013	1000.00	31 December 2002
MVIS® Australia Index (TRN) (AUD)	29 November 2013	1000.00	31 December 2002
MVIS® Australia Index (TRG) (AUD)	29 November 2013	1000.00	31 December 2002
MVIS® Australia Equal Weight Index (Price) (AUD)	29 November 2013	1000.00	31 December 2002
MVIS® Australia Equal Weight Index (TRN) (AUD)	29 November 2013	1000.00	31 December 2002
MVIS® Australia Equal Weight Index (TRG) (AUD)	29 November 2013	1000.00	31 December 2002
MVIS® Australia Uncapped Index (Price) (AUD)	29 November 2013	1000.00	31 December 2002
MVIS® Australia Uncapped Index (TRN) (AUD)	29 November 2013	1000.00	31 December 2002
MVIS® Australia Uncapped Index (TRG) (AUD)	29 November 2013	1000.00	31 December 2002
MVIS® Australia Small-Cap Index (Price) (AUD)	21 December 2012	1000.00	29 December 2006
MVIS® Australia Small-Cap Index (TRN) (AUD)	21 December 2012	1000.00	29 December 2006
MVIS® Australia Small-Cap Index (TRG) (AUD)	21 February 2013	1000.00	29 December 2006
MVIS® Australia Small-Cap Dividend Payers Index (Price) (AUD)	23 March 2015	1000.00	31 December 2009
MVIS® Australia Small-Cap Dividend Payers Index (TRN) (AUD)	23 March 2015	1000.00	31 December 2009
MVIS® Australia Small-Cap Dividend Payers Index (TRG) (AUD)	23 March 2015	1000.00	31 December 2009
MVIS® Brazil Index (Price)	14 July 2010	1000.00	30 December 2004
MVIS® Brazil Index (TRN)	14 July 2010	1000.00	30 December 2004
MVIS® Brazil Small-Cap Index (Price)	01 May 2009	1000.00	30 December 2005
MVIS® Brazil Small-Cap Index (TRN)	01 May 2009	1000.00	30 December 2005
MVIS® Chile Index (Price)	14 July 2010	1000.00	30 December 2004
MVIS® Chile Index (TRN)	14 July 2010	1000.00	30 December 2004
MVIS® Colombia Index (Price)	10 March 2011	1000.00	28 December 2007
MVIS® Colombia Index (TRN)	10 March 2011	1000.00	28 December 2007
MVIS® Egypt Index (Price)	03 December 2009	1000.00	29 December 2005
MVIS® Egypt Index (TRN)	03 December 2009	1000.00	29 December 2005
MVIS® GDP Africa Index (Price)	15 May 2012	1000.00	29 December 2006
MVIS® GDP Africa Index (TRN)	15 May 2012	1000.00	29 December 2006
MVIS® Germany Index (Price)	1 June 2017	1000.00	29 December 2006
MVIS® Germany Index (TRN)	1 June 2017	1000.00	29 December 2006
MVIS® Germany Equal Weight Index (Price)	1 June 2017	1000.00	29 December 2006
MVIS® Germany Equal Weight Index (TRN)	1 June 2017	1000.00	29 December 2006
MVIS® India Index (Price)	14 July 2010	1000.00	30 December 2004
MVIS® India Index (TRN)	14 July 2010	1000.00	30 December 2004
MVIS® India Small-Cap Index (Price)	12 December 2009	1000.00	30 December 2004
MVIS® India Small-Cap Index (TRN)	12 December 2009	1000.00	30 December 2004
MVIS® Indonesia Index (Price)	24 November 2008	1000.00	31 December 2002
MVIS® Indonesia Index (TRN)	24 November 2008	1000.00	31 December 2002
MVIS® Japan Index (Price)	1 June 2017	1000.00	29 December 2006
MVIS® Japan Index (TRN)	1 June 2017	1000.00	29 December 2006
MVIS® Japan Equal Weight Index (Price)	1 June 2017	1000.00	29 December 2006
MVIS® Japan Equal Weight Index (TRN)	1 June 2017	1000.00	29 December 2006
MVIS® Kuwait Index (Price)	12 December 2009	1000.00	30 June 2004
MVIS® Kuwait Index (TRN)	12 December 2009	1000.00	30 June 2004
MVIS® Malaysia Index (Price)	14 July 2010	1000.00	30 December 2004
MVIS® Malaysia Index (TRN)	14 July 2010	1000.00	30 December 2004
MVIS® Mexico Index (Price)	14 July 2010	1000.00	30 December 2004
MVIS® Mexico Index (TRN)	14 July 2010	1000.00	30 December 2004
MVIS® Mexico Equal Weight Index (Price)	1 June 2017	1000.00	29 December 2006
MVIS® Mexico Equal Weight Index (TRN)	1 June 2017	1000.00	29 December 2006
MVIS® Pakistan Index (Price)	14 July 2010	1000.00	30 June 2006
MVIS® Pakistan Index (TRN)	14 July 2010	1000.00	30 June 2006
MVIS® Philippines Index (Price)	14 July 2010	1000.00	28 December 2007
MVIS® Philippines Index (TRN)	14 July 2010	1000.00	28 December 2007
MVIS® Poland Index (Price)	16 October 2009	1000.00	30 December 2005
MVIS® Poland Index (TRN)	16 October 2009	1000.00	30 December 2005
MVIS® Qatar Index (Price)	14 July 2010	1000.00	30 June 2008
MVIS® Qatar Index (TRN)	14 July 2010	1000.00	30 June 2008
MVIS® Russia Index (Price)	14 July 2010	1000.00	28 September 2007

7 APPENDIX

MVIS® Russia Index (TRN)	14 July 2010	1000.00	28 September 2007
MVIS® Russia Small-Cap Index (Price)	08 March 2011	1000.00	28 December 2007
MVIS® Russia Small-Cap Index (TRN)	08 March 2011	1000.00	28 December 2007
MVIS® South Africa Index (Price)	14 July 2010	1000.00	30 December 2004
MVIS® South Africa Index (TRN)	14 July 2010	1000.00	30 December 2004
MVIS® South Korea Index (Price)	1 June 2017	1000.00	29 December 2006
MVIS® South Korea Index (TRN)	1 June 2017	1000.00	29 December 2006
MVIS® South Korea Equal Weight Index (Price)	1 June 2017	1000.00	29 December 2006
MVIS® South Korea Equal Weight Index (TRN)	1 June 2017	1000.00	29 December 2006
MVIS® Thailand Index (Price)	14 July 2010	1000.00	30 December 2004
MVIS® Thailand Index (TRN)	14 July 2010	1000.00	30 December 2004
MVIS® Turkey Index (Price)	14 July 2010	1000.00	30 December 2004
MVIS® Turkey Index (TRN)	14 July 2010	1000.00	30 December 2004
MVIS® United Arab Emirates Index (Price)	14 July 2010	1000.00	31 March 2006
MVIS® United Arab Emirates Index (TRN)	14 July 2010	1000.00	31 March 2006
MVIS® United Kingdom Index (Price)	1 June 2017	1000.00	29 December 2006
MVIS® United Kingdom Index (TRN)	1 June 2017	1000.00	29 December 2006
MVIS® United Kingdom Equal Weight Index (Price)	1 June 2017	1000.00	29 December 2006
MVIS® United Kingdom Equal Weight Index (TRN)	1 June 2017	1000.00	29 December 2006
MVIS® Vietnam Index (Price)	24 November 2008	1000.00	15 December 2006
MVIS® Vietnam Index (TRN)	24 November 2008	1000.00	15 December 2006

7.8 Launch Dates and Base Values - Sector Indices

Name	Launch Date	Base Value	Base Date
MVIS® Australia A-REITs Index (Price) (AUD)	21 December 2012	1000.00	29 December 2006
MVIS® Australia A-REITs Index (TRN) (AUD)	21 December 2012	1000.00	29 December 2006
MVIS® Australia A-REITs Index (TRG) (AUD)	21 February 2013	1000.00	29 December 2006
MVIS® Australia Banks Index (Price) (AUD)	21 December 2012	1000.00	29 December 2006
MVIS® Australia Banks Index (TRN) (AUD)	21 December 2012	1000.00	29 December 2006
MVIS® Australia Banks Index (TRG) (AUD)	21 February 2013	1000.00	29 December 2006
MVIS® Global Gaming Index (Price)	08 May 2012	1000.00	29 December 2006
MVIS® Global Gaming Index (TRN)	08 May 2012	1000.00	29 December 2006
MVIS® Global Video Gaming & eSports Index (Price)	16 July 2018	1000.00	31 December 2014
MVIS® Global Video Gaming & eSports Index (TRN)	16 July 2018	1000.00	31 December 2014
MVIS® US Business Development Companies Index (Price)	04 August 2011	1000.00	29 June 2007
MVIS® US Business Development Companies Index (TRN)	04 August 2011	1000.00	29 June 2007
MVIS® US Business Development Companies Index (TRG)	07 February 2013	1000.00	29 June 2007
MVIS® US Listed Biotech 25 Index (Price)	12 August 2011	1000.00	29 September 2000
MVIS® US Listed Biotech 25 Index (TRN)	12 August 2011	1000.00	29 September 2000
MVIS® US Listed Biotech 25 Index (TRG)	13 February 2013	1000.00	11 August 2011
MVIS® US Listed Pharmaceutical 25 Index (Price)	12 August 2011	1000.00	29 September 2000
MVIS® US Listed Pharmaceutical 25 Index (TRN)	12 August 2011	1000.00	29 September 2000
MVIS® US Listed Pharmaceutical 25 Index (TRG)	13 February 2013	1000.00	11 August 2011
MVIS® US Listed Retail 25 Index (Price)	12 August 2011	1000.00	29 September 2000
MVIS® US Listed Retail 25 Index (TRN)	12 August 2011	1000.00	29 September 2000
MVIS® US Listed Retail 25 Index (TRG)	13 February 2013	1000.00	11 August 2011
MVIS® US Listed Semiconductor 25 Index (Price)	12 August 2011	1000.00	29 September 2000
MVIS® US Listed Semiconductor 25 Index (TRN)	12 August 2011	1000.00	29 September 2000
MVIS® US Listed Semiconductor 25 Index (TRG)	13 February 2013	1000.00	11 August 2011
MVIS® US Mortgage REITs Index (Price)	04 August 2011	1000.00	30 December 2004
MVIS® US Mortgage REITs Index (TRN)	04 August 2011	1000.00	30 December 2004
MVIS® US Mortgage REITs Index (TRG)	07 February 2013	1000.00	02 August 2011



**7 APPENDIX**
**7.9 Launch Dates and Base Values - Hard Assets Indices**

Name	Launch Date	Base Value	Base Date
MVIS <sup>®</sup> Australia Resources Index (Price) (AUD)	21 December 2012	1000.00	29 December 2006
MVIS <sup>®</sup> Australia Resources Index (TRN) (AUD)	21 December 2012	1000.00	29 December 2006
MVIS <sup>®</sup> Australia Resources Index (TRG) (AUD)	21 February 2013	1000.00	29 December 2006
MVIS <sup>®</sup> Global Agribusiness Index (Price)	18 July 2012	1000.00	29 December 2006
MVIS <sup>®</sup> Global Agribusiness Index (TRN)	18 July 2012	1000.00	29 December 2006
MVIS <sup>®</sup> Global Coal Index (Price)	08 May 2012	1000.00	29 December 2006
MVIS <sup>®</sup> Global Coal Index (TRN)	08 May 2012	1000.00	29 December 2006
MVIS <sup>®</sup> Global Junior Gold Miners Index (Price)	31 August 2009	1000.00	31 December 2003
MVIS <sup>®</sup> Global Junior Gold Miners Index (TRN)	31 August 2009	1000.00	31 December 2003
MVIS <sup>®</sup> Global Oil Refiners Index (Price)	21 May 2015	1000.00	31 December 2005
MVIS <sup>®</sup> Global Oil Refiners Index (TRN)	21 May 2015	1000.00	31 December 2005
MVIS <sup>®</sup> Global Rare Earth/Strategic Metals Index (Price)	13 October 2010	1000.00	28 December 2007
MVIS <sup>®</sup> Global Rare Earth/Strategic Metals Index (TRN)	13 October 2010	1000.00	28 December 2007
MVIS <sup>®</sup> Global Unconventional Oil & Gas Index (Price)	22 December 2011	1000.00	29 December 2006
MVIS <sup>®</sup> Global Unconventional Oil & Gas Index (TRN)	22 December 2011	1000.00	29 December 2006
MVIS <sup>®</sup> Global Uranium & Nuclear Energy (Price)	18 July 2012	1000.00	29 December 2006
MVIS <sup>®</sup> Global Uranium & Nuclear Energy (TRN)	18 July 2012	1000.00	29 December 2006
MVIS <sup>®</sup> US Listed Oil Services 25 Index (Price)	12 August 2011	1000.00	29 September 2000
MVIS <sup>®</sup> US Listed Oil Services 25 Index (TRN)	12 August 2011	1000.00	29 September 2000
MVIS <sup>®</sup> US Listed Oil Services 25 Index (TRG)	13 February 2013	1000.00	11 August 2011

7 APPENDIX

### 7.10 Changes to the Index Guide

This table contains all changes to the index guide after 1 January 2018, when the European Benchmark Regulation became effective.

Date	IG Version	Change
18 June 2018	5.71	Bombay Stock Exchange ineligible for India Indices
16 July 2018	5.72	Addition/Launch of MVESPO
24 August 2018	5.73	Clarification of Universe for MVMVA
12 September 2018	5.74	Inclusion of additional chapters to comply with BMR
30 November 2018	5.75	Removal of replacement rule for US listed indices, decommission of MVLGOS and MVSLX

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